



INVEST IN THE FUTURE



French manufacturer  
since 1964

# Welding, Plasma cutting & Induction heating

Soudage, Coupage plasma  
& Chauffe par induction

Schweißen, Schneiden  
& Induktionsheizung

Saldatura, Taglio plasma & Induzione

Soldadura, Corte plasma & Inducción

2  
0  
2  
3



- MMA/SMAW
- TIG/GTAW
- MIG-MAG/GMAW-FCAW
- PLASMA CUTTING
- INDUCTION
- STUD WELDING
- SPOT WELDING
- ACCESSORIES
- PROTECTIONS
- CONSUMABLES

## A solid manufacturing group

900 people € 125 000 000

C1+  
Credit Rating  
Banque de France

55 000 m<sup>2</sup>  
2 factories



INVEST IN THE FUTURE



French manufacturer since 1964

## A family company



Nicolas & Bruno Bouygues

## 3 catalogues

3 500+ references



Welding, Plasma cutting & Induction heating



Car Body Welding Systems



Chargers, Boosters & Starters

## A worldwide coverage

125 countries



GYS FRANCE  
Laval

GYS GERMANY  
Aachen

GYS U.K.  
Rugby

GYS CHINA  
Shanghai

GYS ITALIA  
Venezia

GYS IBERICA  
Madrid

[www.gys.fr](http://www.gys.fr)



visit with



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# MMA/ SMAW

**TRADITIONAL**  
1~ & 3~ • 100 > 220 A

**EXPERT** 6

**INVERTER**  
1~ • 80 > 200 A

**GYSARC** 7

**GYSMI** 8

**INVERTER**  
1~ & 3~ • 160 > 400 A

**PROGYS** 10

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EXPERT

# MMA TRADITIONAL



10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

## PROFESSIONAL



EXPERT 110

230 V • 1 ~

**100A**

Ø 2+2.5 mm



062375

EXPERT 130

230 V • 1 ~

**130A**

Ø 2+3.2 mm



015029

EXPERT 220 DV

230V 1~ • 400V 2~

**220A**

Ø 2+4 mm



015128

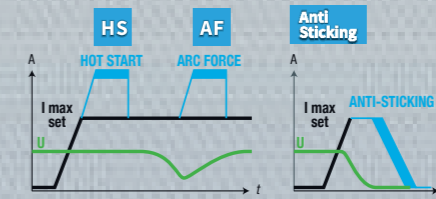
| CE<br>NORMA<br>EN60974-1 | MADE<br>IN P.R.C | 50 / 60 Hz | A           | I <sub>2</sub> | EN60974-1<br>(40°C) |             |      | U <sub>0</sub>    | cm / kg | Protected & compatible<br>power generator<br>(+/-15%) |                   | cm / kg |
|--------------------------|------------------|------------|-------------|----------------|---------------------|-------------|------|-------------------|---------|---|-------------------|---------|
|                          |                  |            |             |                | I (60%)             | X% (I2 max) | 100% |                   |         | kW  | kVA               |         |
| EXPERT 110               | 230V 1~          | 8          | 75 → 100 AC | —              | —                   | —           | 48   | 47 × 24 × 32 / 13 | 6.5 kW  | 11 kVA  | 28 × 17 × 26 / 13 |         |
| EXPERT 130               | 230V 1~          | 10         | 55 → 130 AC | 53 A           | 10 %                | —           | 48   | 47 × 24 × 36 / 18 | 6.8 kW  | 11.3 kVA  | 39 × 19 × 32 / 18 |         |
| EXPERT 220 DV            | 230V 1~          | 25         | 65 → 220 AC | 90 A           | 10 %                | —           | 48   | 51 × 38 × 30 / 23 | 12 kW   | 20 kVA  | 42 × 37 × 25 / 23 |         |
|                          | 400V 2~          | 13         |             |                |                     |             |      |                   |         |   |                   |         |



GYSARC

# MMA INVERTER

230 V • 1 ~



P400 PROTEC 400



Tested on 400 V in production  
Testé en production à 400 V



10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

## 230 V • 1 ~

GYSARC 80

230 V • 1 ~

**80 A**

Ø 1.6+2.5 mm

HS AF Anti Sticking



1.6 m, 10 mm<sup>2</sup> + 1.6 m, 10 mm<sup>2</sup>  
065505

GYSARC 100

230 V • 1 ~

**100 A**

Ø 1.6+2.5 mm

HS AF Anti Sticking



1.6 m, 10 mm<sup>2</sup> + 1.6 m, 10 mm<sup>2</sup>  
071551

GYSARC 120

230 V • 1 ~

**120 A**

Ø 1.6+3.2 mm

HS AF Anti Sticking



1.6 m, 10 mm<sup>2</sup> + 1.6 m, 10 mm<sup>2</sup>  
013704

GYSARC 160

230 V • 1 ~

**160 A**

Ø 1.6+4 mm

HS AF Anti Sticking



1.6 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>  
014664

GYSARC 200

230 V • 1 ~

**200 A**

Ø 1.6+5 mm

P400 HS AF Anti Sticking



1.6 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>  
065512

| CE<br>NORMA<br>EN60974-1 | MADE IN<br>GYS CHINA | 50 / 60 Hz | A  | I <sub>2</sub> | INTEGRATED TECHNOLOGY |    |    | X% GYS (20°C) | EN60974-1 (40°C) |         |             | U <sub>0</sub> | cm   | kg           |      |
|--------------------------|----------------------|------------|----|----------------|-----------------------|----|----|---------------|------------------|---------|-------------|----------------|------|--------------|------|
|                          |                      |            |    |                | P400                  | HS | AF |               | Anti sticking    | I (60%) | X% (I2 max) |                |      |              | 100% |
| GYSARC 80                | 1                    | 230V       | 16 | 10 → 80        | —                     | ■  | ■  | ■             | 40% @ 80 A       | 50 A    | 20%         | 35 A           | 63 V | 13 × 22 × 10 | 2    |
| GYSARC 100               | 1                    | 230V       | 16 | 10 → 100       | —                     | ■  | ■  | ■             | 25% @ 100 A      | 50 A    | 14%         | 35 A           | 63 V | 13 × 22 × 10 | 2    |
| GYSARC 120               | 1                    | 230V       | 16 | 10 → 120       | —                     | ■  | ■  | ■             | 40% @ 120 A      | 70 A    | 20%         | 55 A           | 63 V | 15 × 23 × 10 | 2.7  |
| GYSARC 160               | 1                    | 230V       | 16 | 10 → 160       | —                     | ■  | ■  | ■             | 20% @ 160 A      | 85 A    | 10%         | 70 A           | 63 V | 15 × 23 × 10 | 2.9  |
| GYSARC 200               | 1                    | 230V       | 32 | 20 → 200       | ■                     | ■  | ■  | ■             | 20% @ 200 A      | 100 A   | 10%         | 80 A           | 64 V | 18 × 30 × 13 | 4.7  |

GYSARC

MMA • INVERTER

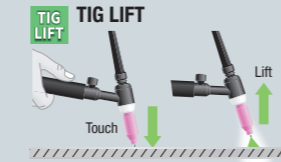
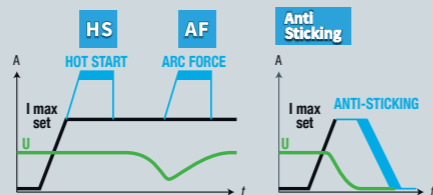






GYSARC PRO

# MMA INVERTER



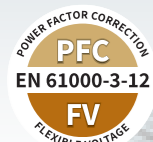
VRD inside

Voltage Reduction Device

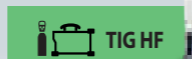
Software & Hardware protection

VRD ON VRD OFF

|         | VRD ON | VRD OFF |
|---------|--------|---------|
| 220 FV  | 14 V   | 80/86 V |
| 300 TRI | 20 V   | 83 V    |
| 400 TRI | 20 V   | 84 V    |



Compatible



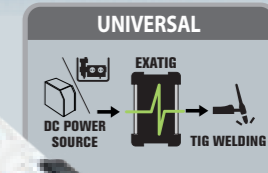
EXATIG 013780



## 4 in 1

- 1 MMA
- 2 TIG DC LIFT  
Torches & consumables p. 31
- 3 GOUGING  
Accessories p. 15
- 4 TIG HF • Exatig

EXATIG 013780



details p.67

110, 230 V • 1 ~

400 V • 3 ~

GYSARC 220 FV CEL

110 + 230 V • 1 ~  
**220 A** ⚡ Ø 1.6+5 mm



**PFC** POWER FACTOR CORRECTION  
 185 V ← 265 V

**FV** FLEXIBLE VOLTAGE  
 85 V ← 265 V

- P400 PFC FV
- VRD inside HS AF CEL cellulosic
- Dynamic arc system MMA PULSE Anti Sticking
- TIG LIFT TIG PULSE AD IP 23

3 m, 25 mm<sup>2</sup> + 3 m, 25 mm<sup>2</sup>  
 065529

GYSARC 300 TRI

400 V • 3 ~  
**300 A** ⚡ Ø 1.6+6.3 mm



- VRD inside HS AF Anti Sticking CEL cellulosic
- TIG LIFT IP 23 GOUGING

no accessories: 064959

GYSARC 400 TRI

400 V • 3 ~  
**400 A** ⚡ Ø 1.6+6.3 mm



- VRD inside HS AF Anti Sticking CEL cellulosic
- TIG LIFT GOUGING IP 23

no accessories: 013551

OPTIONS

- Pince de gougeage - Gouging Torch - Fugenhobel-Zange 1 000 A 041516
- Adaptateur gougeage - Gouging clamp adaptor - Fugenhobeladapter 70 mm<sup>2</sup> - 5 m 040670
- Électrodes de gougeage - Gouging - Electrodes - Fugenhobelektrode - Electrodes de carbono  
 Ø 5 mm (x50) 069756  
 Ø 6.4 mm (x50) 086081  
 Ø 8 mm (x50) 086098

**Filter kit** 046580

**Hand remote control RC-HA1** 8 m 045675

**JOBSITE XL**  
 600 x 1150 x 584 mm  
 039568

**MMA KIT 7 500 A** 047419

| L m | model         | L m | model        | ⊘ mm <sup>2</sup> | ⚡ mm <sup>2</sup> |
|-----|---------------|-----|--------------|-------------------|-------------------|
| 5   | SHARK X500.95 | 4   | TYREX 600.95 | 50                | 35/50             |

**TIG torch kit SR17V (valve)**  
 4 m, 35/50 mm<sup>2</sup>, Ø13  
 044401

| GYSARC            | Model | Phases | Voltage | Current (A) | I <sub>2</sub> (A) | INTEGRATED TECHNOLOGY |     |    |    |               |     |              | X% GYS (20°C) | EN60974-1 (40°C) |         |             | U <sub>o</sub> (V) | cm / kg            | Protected & compatible power generator (+/-15%) |          |
|-------------------|-------|--------|---------|-------------|--------------------|-----------------------|-----|----|----|---------------|-----|--------------|---------------|------------------|---------|-------------|--------------------|--------------------|---|----------|
|                   |       |        |         |             |                    | P400                  | VRD | HS | AF | Anti sticking | CEL | TIG Lift     |               | IP 23            | I (60%) | X% (I2 max) |                    |                    | 100%  | 10 kW    |
| GYSARC 220 FV CEL | 1     | 1      | 230V    | 16          | 10+220             | ■                     | ■   | ■  | ■  | ■             | ■   | ■            | 40% @ 220 A   | 130 A            | 20%     | 100 A       | 86 V               | 42 × 21 × 35/ 10.5 | 10 kW   | 12.5 kVA |
|                   |       |        | 110V    | 32          | 10+120             | ■                     | ■   | ■  | ■  | ■             | ■   | ■            | 60% @ 120 A   | 90 A             | 30%     | 70 A        | 80 V               |                    |   |          |
| GYSARC 300 TRI    | 3     | 3      | 400V    | 16          | 20+300             | ■                     | ■   | ■  | ■  | ■             | ■   | 100% @ 300 A | 300 A         | 60%              | 230 A   | 83 V        | 54 × 46 × 28/ 26   | 10 kW              | 12.5 kVA  |          |
| GYSARC 400 TRI    | 3     | 4      | 400V    | 32          | 20+400             | ■                     | ■   | ■  | ■  | ■             | ■   | 100% @ 400 A | 400 A         | 60%              | 350 A   | 84 V        | 58 × 52 × 30/ 38   | 30 kW              | 36 kVA  |          |

**PORTE-ÉLECTRODES** - Electrode holders - Elektrodenhalter - Portaelectrodos - Elektrodenhouder - Porta electrodos

**HELIX, VESTALE & PYTHON**



|           | HELIX T200.25            | HELIX T300.50            | HELIX T400.70            | HELIX PRO T400.70        | HELIX PRO T500.95        | PYTHON T500.95           | VESTALE T500.95          |
|-----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| A         | 200 A                    | 300 A                    | 400 A                    | 400 A                    | 500 A                    | 500 A                    | 500 A                    |
| ⊗ max     | 25 mm <sup>2</sup>       | 50 mm <sup>2</sup>       | 70 mm <sup>2</sup>       | 70 mm <sup>2</sup>       | 95 mm <sup>2</sup>       | 95 mm <sup>2</sup>       | 95 mm <sup>2</sup>       |
| A (X%)    | 200A (35%)<br>150A (60%) | 300A (35%)<br>250A (60%) | 400A (35%)<br>300A (60%) | 400A (35%)<br>300A (60%) | 500A (35%)<br>400A (60%) | 500A (35%)<br>400A (60%) | 500A (35%)<br>400A (60%) |
| ↔ min/max | 2 > 3.2 mm               | 2 > 4 mm                 | 2 > 6.3 mm               | 1.6 > 6.3 mm             | 2 > 8 mm                 | 1.6 > 8 mm               | 2 > 8 mm                 |
| x1 (vrac) | 043497                   | 038288                   | 043732                   | 039919                   | 039902                   | 038011                   | 038097                   |

**SHARK**



|              | SHARK X200.35            | SHARK PRO C300.35        | SHARK X300.50            | SHARK X400.70            | SHARK C400.95            | SHARK X500.95            | SHARK C600.120           |
|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| A            | 200 A                    | 300 A                    | 300 A                    | 400 A                    | 400 A                    | 500 A                    | 600 A                    |
| ⊗ max        | 35 mm <sup>2</sup>       | 35 mm <sup>2</sup>       | 50 mm <sup>2</sup>       | 70 mm <sup>2</sup>       | 95 mm <sup>2</sup>       | 95 mm <sup>2</sup>       | 120 mm <sup>2</sup>      |
| A (X%)       | 200A (35%)<br>150A (60%) | 300A (35%)<br>250A (60%) | 300A (35%)<br>250A (60%) | 400A (35%)<br>300A (60%) | 400A (35%)<br>300A (60%) | 500A (35%)<br>400A (60%) | 600A (35%)<br>500A (60%) |
| ↔ min/max    | 1.6 > 4 mm               | 1.6 > 4 mm               | 1.6 > 5 mm               | 2 > 6.3 mm               | 2 > 6.3 mm               | 2 > 8 mm                 | 2 > 10 mm                |
| x1 (vrac)    | 043503                   | 039926                   | 043510                   | 038004                   | 043725                   | 043718                   | 046542                   |
| x1 (blister) | 043602                   |                          | 043701                   |                          |                          |                          |                          |
| ♻️           | x 50<br>043558           |                          | x 25<br>043565           |                          |                          |                          |                          |

**PORTE-ÉLECTRODES ASSEMBLÉS**



| A       | ↔              | L m | ⊗ mm <sup>2</sup> | ↔ mm <sup>2</sup> | ∅  | ref.      |
|---------|----------------|-----|-------------------|-------------------|----|-----------|
| 150/200 | SHARK X200.35  | 4   | 16                | 10/25             | 9  | x1 043848 |
| 200     | SHARK X200.35  | 4   | 25                | 35/50             | 13 | x1 043855 |
| 300     | SHARK X300.50  | 4   | 35                | 35/50             | 13 | x1 043862 |
| 500     | SHARK X500.95  | 4   | 50                | 35/50             | 13 | x1 043879 |
| 600     | SHARK C600.120 | 5   | 70                | 35/50             | 13 | x1 047006 |

**KIT POUR POSTES MMA (CÂBLES + PINCES + CONNECTEURS)**



| A     | ↔         | L (m) | model          | L (m) | model         | ⊗ mm <sup>2</sup> | ↔ mm <sup>2</sup> | ∅  | Ref.      |
|-------|-----------|-------|----------------|-------|---------------|-------------------|-------------------|----|-----------|
| kit 1 | 150/200 A | 1.6   | SHARK X200.35  | 2     | CROCO A200.35 | 16                | 10/25             | 9  | x1 047372 |
| kit 2 | 200 A     | 1.6   | SHARK X200.35  | 2     | CROCO A200.35 | 25                | 10/25             | 9  | x1 047389 |
| kit 3 | 200 A     | 3     | SHARK X300.50  | 3     | CROCO T400.70 | 25                | 10/25             | 9  | x1 047396 |
| kit 4 | 200 A     | 3     | SHARK X300.50  | 3     | CROCO T400.70 | 25                | 35/50             | 13 | x1 047402 |
| kit 5 | 300 A     | 4     | HELIX T300.50  | 4     | CROCO T400.70 | 35                | 35/50             | 13 | x1 047341 |
| kit 6 | 300 A     | 4     | SHARK X400.70  | 4     | CROCO T400.70 | 35                | 35/50             | 13 | x1 038295 |
| kit 7 | 500 A     | 5     | SHARK X500.95  | 4     | TYREX 600.95  | 50                | 35/50             | 13 | x1 047419 |
| kit 8 | 600 A     | 5     | SHARK C600.120 | 4     | TYREX 600.95  | 70                | 35/50             | 13 | x1 047426 |

**OPTION TIG LIFT - TIG torch with valve - WIG-Schlauchpaket**



**TIG torch kit SR17V (valve)**  
4 m

for 10/25 mm<sup>2</sup>, Ø9:  
 ✓ GYSMI 130P / 160P / 200P / E160 / E163 / E200 FV  
 ✓ PROGYS 180A / 183E / 200A PFC 044425

for 35/50 mm<sup>2</sup>, Ø13:  
 ✓ GYSARC 220 FV CEL / 300TRI / 400TRI  
 ✓ PROGYS 200E FV CEL / 220E FV CEL / 250TRI / CEL 250 TRI / FLEX 280 CEL / EXAGON 400 044401

**GUIDE CÂBLE DE SOUDAGE**



044234

**SUPPORT PORTE-ÉLECTRODES MAGNÉTIQUE**



038028

**GOUGEAGE - Gouging - Fugenhobeln**



Pince de gougeage - Gouging Torch  
- Fugenhobel-Zange, 1000 A  
041516

Câble pour pince de gougeage  
- Cable for gouging torch  
- Anschlusskabel für Fugenhobel-Brenner  
70 mm<sup>2</sup> - 5 m  
040670

Électrodes de gougeage - Gouging - Electrodes  
- Fugenelektrode - Electrodes de carbono  
∅ 5 mm (x50) 069756  
∅ 6.4 mm (x50) 086081  
∅ 8 mm (x50) 086098

**MARTEAUX À PIQUER - Chipping Hammers - Schlaghammer - Martillos**



|   |   |   |  |  |
|---|---|---|--|--|
| <b>HAMMER 260</b><br>260 mm, 240 g (x1)<br>044159 | <b>HAMMER 285</b><br>285 mm, 425 g (x1)<br>044128 | <b>HAMMER 370 PRO</b><br>Premium<br>270 mm / 370 g (x1)<br>066663 | <b>HAMMER 290 PRO</b><br>Premium<br>290 mm, 465 g (x1)<br>044135 | <b>HAMMER 320 PRO</b><br>Premium<br>320 mm, 425 g (x1)<br>044142 |
|---|---|---|--|--|

**BROSSES - Wire brushes - Bürsten - Spazzola - Cepillos**

| A | ↔ | ∅ | Ref.   | Acier - Steel - Stahl<br>- Acero - Staal - Aço | Inox - Stainless<br>- Edelstahl |
|---|---|---|--|--|---------------------------------|
| A | 4 | — | (x1) 044241<br>(x24) 044265                    | (x1) 044258<br>(x24) 044272                    |                                 |
| B | 3 | — | (x1) 044227                                    | (x1) 044289                                    |                                 |
| C | 2 | • | (x1) 044166                                    | —  |                                 |
| D | — | — | (x1) Laiton - Brass 038073<br>(x1) Zinc 038080 | —  |                                 |







# TIG/GTAW

**DC**  
160 > 400 A

|           |    |
|-----------|----|
| PROTIG DC | 20 |
| TITAN     | 22 |

**AC/DC**  
200 > 400 A

|              |    |
|--------------|----|
| PROTIG AC/DC | 24 |
| TITANIUM     | 26 |

|                |    |
|----------------|----|
| COMPLETE PACKS | 28 |
|----------------|----|

|                           |    |
|---------------------------|----|
| ACCESSORIES & CONSUMABLES | 29 |
|---------------------------|----|





TITAN

TIG DC

TIG

- STANDARD DC
- SPOT
- LIFT
- PULSE
- TACK

WAVE FORMS

Pulse 16 combinations

CONSTANT ENERGY

E TIG

□ Square  
△ Trapezoidal  
▲ Sinus  
▲ Triangle

MMA

- STANDARD
- PULSE

EVOLUTION

- SOFTWARE UPDATE

PRODUCTIVITY

QUICK LOAD

MULTIJOB

JOB list

JOB sequence

AUTOMATION

CONNECT 5 ARC ON

for Automation (5 programs)

SAM ✓

Automation module compatibility

SAM (details p.61)

AUTOMATE / ROBOT

NEW 03/2023



TIG HF MULTI SPOT MULTI TACK



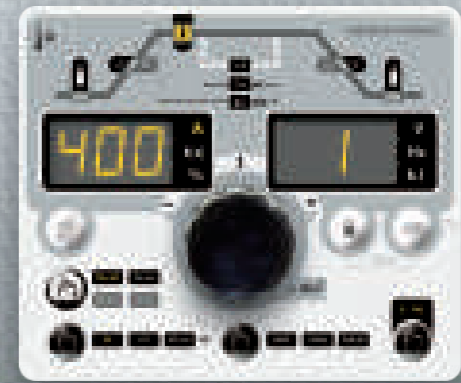
TITAN 231 DC FV

230 A 230 V • 1~

SR PFC FV AID L/DB/P IP 23

CEL cellulosic MMA PULSE

no accessories: 075245



EN 1090

70/95 mm² Ø 13 mm  
5 m 400V

TITAN 400 DC

400 A 400 V • 3~

FAST PULSE AID SR

10 > 20 kHz L/DB/P IP 23

no accessories: 013520

OPTION Cooling unit WCU 1kW C 1000W, 5.5 L, 15kg liquid not included 013537

OPTIONS

Foot pedal RC-FA1 4 m 045682

Hand remote control RC-HA1 8 m 045675

Remote control RC-HD2 062122

Filter kit 046580

USB key 16 Go/GB included 062344

Skate TITAN (+WCU) 700 x 100 x 350 mm 037717

Diable 10m<sup>3</sup> XL for Titan 231 DC FV 076341

| EN 60974-1      | MADE IN FRANCE | 50/60 Hz | I <sub>2</sub> TIG | I <sub>2</sub> MMA | INTEGRATED TECHNOLOGY |           |               |            |           |     |      | TIG              |                         | MMA                  |                         | U <sub>o</sub> | cm    | kg  | Protected & compatible power generator (+/-15%) |              |      |        |
|-----------------|----------------|----------|--------------------|--------------------|-----------------------|-----------|---------------|------------|-----------|-----|------|------------------|-------------------------|----------------------|-------------------------|----------------|-------|-----|---|--------------|------|--------|
|                 |                |          |                    |                    | SR                    | TIG PULSE | ETIG          | WAVE FORMS | MMA PULSE | CEL | IP23 | EN60974-1 (40°C) |                         | EN60974-1 (40°C)     |                         |                |       |     |   |              |      |        |
|                 |                |          |                    |                    |                       |           |               |            |           |     |      | I (60%)          | X% (I <sub>2</sub> max) | I <sub>A</sub> (60%) | X% (I <sub>2</sub> max) |                |       |     |   |              |      |        |
| TITAN 231 DC FV |                | 230V 1~  | 16                 | 3→230              | 5→230                 | ■         | 0.1→2 500 Hz  | ■          | ■         | ■   | ■    | ■                | ■                       | 200 A                | 45%                     | 160 A          | 145 A | 22% | 77.5V   | 49 x 26 x 40 | 16.5 | 8.5 kW |
| TITAN 400 DC    |                | 400V 3~  | 32                 | 3→400              | 5→400                 | ■         | 0.1→20 000 Hz | ■          | ■         | ■   | ■    | ■                | ■                       | 120 A                | 40%                     | 100 A          | 85 A  | 23% | 69V   | 68 x 30 x 54 | 40   | 30 kW  |



23

TITAN

TIG DC

22

# TIG AC/DC



**VRD inside Voltage Reduction Device**

|                                |                            |               |
|--------------------------------|----------------------------|---------------|
| Software & Hardware protection |                            |               |
|                                | U <sub>0</sub> (EN60974-1) | U (Voltmeter) |
| VRD ON                         | 26 V                       | 29 V          |
| VRD OFF                        | 70 V                       | 57 V          |
| ON → OFF sensibility           | < 200 Ω                    |               |
| OFF → ON delay                 | < 0.3 s                    |               |

**PFC**  
POWER FACTOR CORRECTION  
**EN 61000-3-12**  
**FV**  
FLEXIBLE VOLTAGE

**PFC**  
POWER FACTOR CORRECTION  
**EN 61000-3-12**

35/50 mm<sup>2</sup> Ø 13 mm

### PROTIG 200 AC/DC

|                    |            |
|--------------------|------------|
| <b>200 A</b>       | 230 V • 1~ |
| P400 SR VRD inside | TIG PULSE  |
| L/DB AD            | MMA PULSE  |

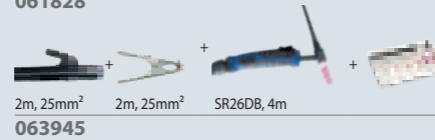


2m, 25mm<sup>2</sup> 2m, 25mm<sup>2</sup> SR26DB, 4m  
**068742**

### PROTIG 201 AC/DC FV

|                           |                  |
|---------------------------|------------------|
| <b>200 A</b>              | 110 → 230 V • 1~ |
| P400 PFC FV SR VRD inside | TIG PULSE        |
| L/DB/P AD                 | MMA PULSE        |

no accessories:  
**061828**

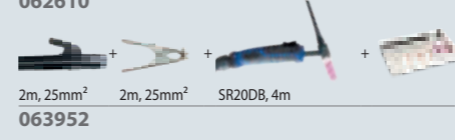


2m, 25mm<sup>2</sup> 2m, 25mm<sup>2</sup> SR26DB, 4m  
**063945**

### PROTIG 201L AC/DC

|                        |            |
|------------------------|------------|
| <b>200 A</b>           | 230 V • 1~ |
| P400 PFC SR VRD inside | TIG PULSE  |
| L/DB/P AD              | MMA PULSE  |

no accessories:  
**062610**



2m, 25mm<sup>2</sup> 2m, 25mm<sup>2</sup> SR20DB, 4m  
**063952**

### ACCESSIBILITY

**ERGONOMIC & EASY**  
Large 5 inch LCD colour screen

- 8 languages
- French
  - English
  - German
  - Italian
  - Spanish
  - Portuguese
  - Dutch
  - Russian

### TIG

|           |        |
|-----------|--------|
| STD AC/DC | SPOT   |
| PULSE     | TACK   |
| LIFT      | AC MIX |

### MMA

|          |       |
|----------|-------|
| STANDARD | PULSE |
| MMA AC   |       |

### AUTOMATION

**CONNECT 5** ARC ON

for Automation (5 programs)



### OPTION

**10 m<sup>2</sup>**

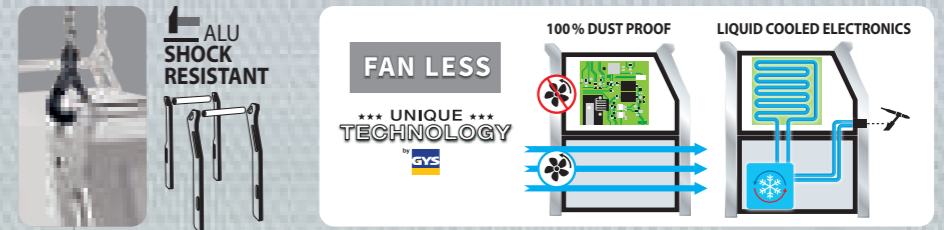


Skate TIG 250 AC/DC for TIG 250 AC/DC  
max 10m<sup>2</sup>(50 l)  
↓ 80 x 47 x 90 cm / 8 kg  
↑ 12 x 37 x 58 cm / 8,8 kg  
040960

### TIG 250 AC/DC

|                  |                         |
|------------------|-------------------------|
| <b>250 A</b>     | 400 V • 3~              |
| SR AID TIG PULSE |                         |
| 60% TIG          | CONNECT 5 ARC ON L/DB/P |
|                  | IP 23 FAN LESS          |

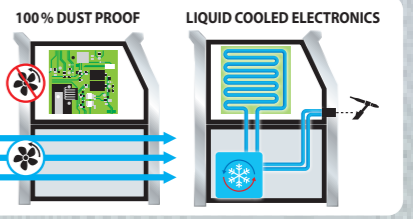
no accessories:  
**012004**



ALU SHOCK RESISTANT

FAN LESS

\*\*\* UNIQUE TECHNOLOGY \*\*\*



### Cooling liquid (not included)

5L 062511  
10L 052246

### Screen protections

(x5) 044043



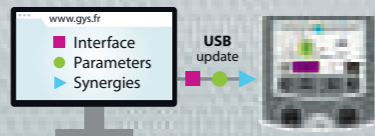
| CE<br>EN60974-1   | 50/60Hz                    | A       | I <sub>2</sub> TIG    |        |        |     |    |    |     |           |                                       |      |          |    |                  |              |            |                 |        |       | Freq. AC |     | U <sub>o</sub> | mm <sup>2</sup> | cm          | kg           | Protected & compatible power generator (+/-15%) |        |          |
|-------------------|----------------------------|---------|-----------------------|--------|--------|-----|----|----|-----|-----------|---------------------------------------|------|----------|----|------------------|--------------|------------|-----------------|--------|-------|----------|-----|----------------|-----------------|-------------|--------------|---|--------|----------|
|                   |                            |         | INTEGRATED TECHNOLOGY |        |        |     |    |    |     |           |                                       | TIG  |          |    | MMA              |              | Hz         | mm <sup>2</sup> | cm     | kg    | kW       | kVA |                |                 |             |              |   |        |          |
|                   |                            |         | AC                    | DC     | P400   | PFC | FV | SR | AID | TIG PULSE | WAVE FORMS                            | IP23 | FAN LESS | AD | EN60974-1 (40°C) |              |            |                 |        |       |          |     |                |                 |             |              | EN60974-1 (40°C)                                |        |          |
| MADE IN GYS CHINA | <b>PROTIG 200 AC/DC</b>    | 230V-1~ | 13                    | 10+200 | 10+160 | ■   | —  | —  | ■   | ■         | 0.1 → 2000Hz (DC)<br>0.1 → 10 Hz (AC) | —    | —        | —  | ■                | AC 90 A      | DC 100 A   | AC 13%          | DC 25% | —     | 100 A    | 25% | 20 → 200       | 70 V            | Ø 13, 35/50 | 41 × 36 × 24 | 15  | 7.5 kW | 10 kVA   |
| MADE IN FRANCE    | <b>PROTIG 201 AC/DC FV</b> | 110V-1~ | 20                    | 10+160 | 10+160 | ■   | ■  | ■  | ■   | ■         | 0.1 → 2000Hz (DC)<br>0.1 → 10 Hz (AC) | —    | —        | —  | ■                | AC 105 A     | DC 120 A   | AC 20%          | DC 25% | —     | 90 A     | 32% | 20 → 200       | 70 V            | Ø 13, 35/50 | 41 × 36 × 24 | 15  | 7.5 kW |          |
|                   | <b>PROTIG 201 L AC/DC</b>  | 230V-1~ | 13                    | 10+200 | 10+160 | ■   | ■  | —  | ■   | ■         | 0.1 → 2000Hz (DC)<br>0.1 → 10 Hz (AC) | —    | —        | —  | ■                | AC 90 A      | DC 100 A   | AC 13%          | DC 25% | —     | 100 A    | 25% | 20 → 200       | 70 V            | Ø 13, 35/50 | 43 × 50 × 24 | 20.5  | 7.5 kW |          |
|                   | <b>TIG 250 AC/DC</b>       | 400V-3~ | 16                    | 10+250 | 5+250  | —   | —  | —  | ■   | ■         | 0.1 → 2500Hz (DC)<br>0.1 → 2Hz (AC)   | —    | ■        | ■  | —                | AC/DC: 250 A | AC/DC: 60% |                 |        | 200 A | 230 A    | 40% | 20 → 200       | 85 V            | Ø13, 35/50  | 48 × 80 × 75 | 58  | 10 kW  | 12.5 kVA |



TITANIUM

# TIG AC/DC

## CUSTOMISATION



## ACCESSIBILITY

- 3 interface levels
- EASY
  - ADVANCED
  - EXPERT
- 10 languages
- French
  - English
  - German
  - Italian
  - Spanish
  - Czech
  - Dutch
  - Russian
  - Chinese
  - Japanese

TIG DC Synergic

TIG AC Pulse

TIG DC Tack



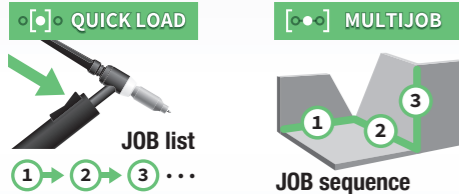
## TIG

|                            |                      |  |                 |        |
|----------------------------|----------------------|--|-----------------|--------|
| STANDARD AC/DC             | HF / LIFT / TOUCH HF | WAVE FORMS                             | E TIG           | HF REG |
| PULSE                      | SPOT / MULTISPOT     | AC & Pulse<br>16 combinations          | CONSTANT ENERGY |        |
| FAST PULSE<br>2.5 > 20 kHz | TACK / MULTITACK     | Square<br>Trapeze<br>Sinus<br>Triangle |                 |        |
|                            | AC MIX               |  |                 |        |

## MMA

|          |            |             |
|----------|------------|-------------|
| STANDARD | PULSE      | 15 · 150 HZ |
| MMA AC   | WAVE FORMS |             |

## MANUAL

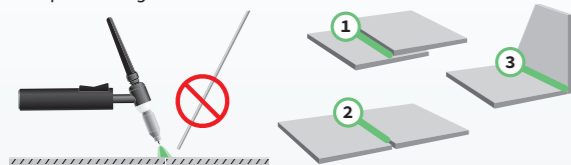


## AUTOMATION



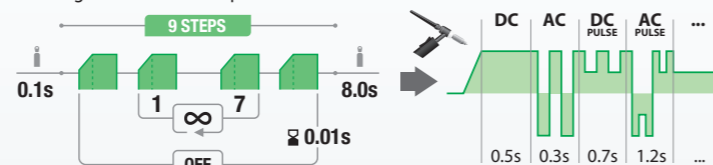
## WIZARD ALU

Alu Spot welding without filler metal



## TIG WIZARD

Welding research & development



## DEGAUSS

Pack

|                                |                              |                          |  |                           |
|--------------------------------|------------------------------|--------------------------|--|---------------------------|
| TITANIUM 400 DEGAUSS<br>067981 | TITANIUM 400 AC/DC<br>013568 | RC-DEGAUSS, 8m<br>066496 | DEGAUSS cables kit<br>(2x13)+(1x20) m, Texas 50.21<br>067929 | DEGAUSS USB key<br>067974 |
|--------------------------------|------------------------------|--------------------------|--|---------------------------|

## CONNECTIVITY

TRACEABILITY  
 History data export  
 QMOS - WPQR  
 DMOS - WPS  
 ENERGY CONTROL : 20 kHz, kJ or kJ/cm

PORTABILITY  
 Share configuration & jobs

SOFTWARE UPDATE  
 Titanium evolutions  
 gys.fr

IP 23 INDOOR / OUTDOOR



Remote control RC-HD2 062122



details p.56

## QUICK ASSEMBLY



5 m 400V

OPTION T/M 400 A 10m<sup>3</sup> 037328 details p.103



TITANIUM 230 AC/DC FV

|           |               |              |
|-----------|---------------|--------------|
| 230 A     | 110-230V · 1~ | 230A 35% TIG |
| PFC FV SR | L/DB/P IP 23  | TIG PULSE    |
| MMA PULSE |               |              |

no accessories : 061996

SR26DB, 8m 075924

70/95 mm<sup>2</sup> Ø 13 mm

TITANIUM 400 AC/DC

|           |              |              |
|-----------|--------------|--------------|
| 400 A     | 400V · 3~    | 400A 60% TIG |
| SR        | L/DB/P IP 23 | TIG PULSE    |
| MMA PULSE |              |              |

no accessories : 013568

OPTIONS

|  |   |   |   |                                    |   |                   |                                  |
|--|---|---|---|------------------------------------|---|-------------------|----------------------------------|
| for Titanium 230<br>Diablo 10m <sup>3</sup> XL<br>076341 | NEW<br>Trolley 10m <sup>3</sup> L<br>075498 details p.103 | for Titanium 230<br>Cooling unit Koolweld 1<br>800 W, 5.5 l, 15 kg<br>liquid not included<br>070820 | for Titanium 400<br>Cooling unit WCU 1kW C<br>1000 W, 5.5 l, 15 kg<br>liquid not included<br>013537 | Foot pedal RC-FA1<br>4 m<br>045682 | Hand remote control RC-HA1<br>8 m<br>045675 | Filter kit 046580 | USB key 16 Go/GB included 062344 |
|--|---|---|---|------------------------------------|---|-------------------|----------------------------------|

| EN60974-1             | MADE IN FRANCE | I <sub>2</sub> TIG | INTEGRATED TECHNOLOGY    |      |            |           |     |    |      | EN60974-1(40°C) TIG |             | EN60974-1(40°C) MMA |             | Freq. AC | U <sub>o</sub> | mm <sup>2</sup> | cm | kg        | Protected & compatible power generator (+/-15%) |      |        |
|-----------------------|----------------|--------------------|--------------------------|------|------------|-----------|-----|----|------|---------------------|-------------|---------------------|-------------|----------|----------------|-----------------|----|-----------|---|------|--------|
|                       |                |                    | TIG PULSE                | ETIG | WAVE FORMS | MMA PULSE | CEL | AD | IP23 | I (60%)             | X% (I2 max) | I (60%)             | X% (I2 max) |          |                |                 |    |           |   |      |        |
| TITANIUM 230 AC/DC FV | 110 V 1~       | 32                 | 140 A                    | SR   |            |           |     |    |      |                     | 140 A       | 100%                | 140 A       | 130 A    | 50%            | 20+300          | 55 | Ø13 35/50 | 49 × 26 × 44                                    | 22,4 | 8,5 kW |
|                       | 230 V 1~       | 16                 | 5+230 (AC)<br>3+230 (DC) | SR   |            |           |     |    |      |                     | 190 A       | 35%                 | 160 A       | 160 A    | 20%            |                 |    | Ø13 35/50 |   |      |        |
| TITANIUM 400 AC/DC    | 400 V 3~       | 16                 | 5+400 (AC)<br>3+400 (DC) | SR   |            |           |     |    |      |                     | 400 A       | 60%                 | 360 A       | 400 A    | 60%            | 20+300          | 85 | Ø13 70/95 | 70 × 48 × 30                                    | 43   | 30 kW  |



| PROTIG 221 DC FV                     |                       |                        |                                   |                      |                                   |
|--------------------------------------|-----------------------|------------------------|-----------------------------------|----------------------|-----------------------------------|
|                                      |                       |                        |                                   |                      |                                   |
| pack PROTIG 221 DC FV AL1<br>072749  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | —                                 |
| pack PROTIG 221 DC FV ADB1<br>072763 | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | —                                 |
| pack PROTIG 221 DC FV WL1<br>072770  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | WCU0.5kW A<br>039490 | Diablo 10m <sup>3</sup><br>039704 |
| pack PROTIG 221 DC FV WDB1<br>072787 | —                     | SR20 DB, 8 m<br>046146 | 4 m, 25 mm <sup>2</sup><br>043794 | WCU0.5kW A<br>039490 | Diablo 10m <sup>3</sup><br>039704 |

| TIG 300 DC                     |                       |                        |                                   |                      |                                   |
|--------------------------------|-----------------------|------------------------|-----------------------------------|----------------------|-----------------------------------|
|                                |                       |                        |                                   |                      |                                   |
| pack TIG 300 DC AL1<br>012325  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | —                                 |
| pack TIG 300 DC AL2<br>012332  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | Diablo 10m <sup>3</sup><br>039704 |
| pack TIG 300 DC ADB1<br>012349 | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | —                                 |
| pack TIG 300 DC ADB2<br>012356 | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | Diablo 10m <sup>3</sup><br>039704 |
| pack TIG 300 DC WL1<br>012363  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | WCU0.5kW B<br>032217 | —                                 |
| pack TIG 300 DC WDB1<br>012370 | —                     | SR20 DB, 8 m<br>046146 | 4 m, 25 mm <sup>2</sup><br>043794 | WCU0.5kW B<br>032217 | Diablo 10m <sup>3</sup><br>039704 |
| pack TIG 300 DC WDB2<br>012509 | —                     | SR20 DB, 4 m<br>038202 | 4 m, 25 mm <sup>2</sup><br>043794 | WCU0.5kW B<br>032217 | Diablo 10m <sup>3</sup><br>039704 |

| TITAN 400 DC                    |                       |                        |                                   |                    |                                      |
|---------------------------------|-----------------------|------------------------|-----------------------------------|--------------------|--------------------------------------|
|                                 |                       |                        |                                   |                    |                                      |
| pack TITAN 400 DC WL<br>013766  | 450W L, 8 m<br>037359 | —                      | 4 m, 70 mm <sup>2</sup><br>043831 | WCU1kW C<br>013537 | 10m <sup>3</sup> T/M 400 A<br>037328 |
| pack TITAN 400 DC WDB<br>013773 | —                     | 450W DB, 8 m<br>037366 | 4 m, 70 mm <sup>2</sup><br>043831 | WCU1kW C<br>013537 | 10m <sup>3</sup> T/M 400 A<br>037328 |

| PROTIG 201 AC/DC                  |                       |                                   |                                   |                                   |                            |
|-----------------------------------|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------|
|                                   |                       |                                   |                                   |                                   |                            |
| pack PROTIG 201 AC/DC L<br>066342 | SR26 L, 8 m<br>046184 | 4 m, 25 mm <sup>2</sup><br>043855 | 4 m, 25 mm <sup>2</sup><br>043794 | Diablo 10m <sup>3</sup><br>039704 | Ø 6,3/12 - 1,5 m<br>066670 |

| PROTIG 201 L AC/DC                  |                       |                                   |                                   |                                    |                            |
|-------------------------------------|-----------------------|-----------------------------------|-----------------------------------|------------------------------------|----------------------------|
|                                     |                       |                                   |                                   |                                    |                            |
| pack PROTIG 201 L AC/DC L<br>066359 | SR20 L, 8 m<br>046153 | 4 m, 25 mm <sup>2</sup><br>043855 | 4 m, 25 mm <sup>2</sup><br>043794 | 10m <sup>3</sup> XL T/M1<br>041257 | Ø 6,3/12 - 1,5 m<br>066670 |

| TIG 250 AC/DC                   |                       |                        |                                   |                 |  |
|---------------------------------|-----------------------|------------------------|-----------------------------------|-----------------|--|
|                                 |                       |                        |                                   |                 |  |
| pack TIG 250 AC/DC L<br>035430  | SR18 L, 8 m<br>045378 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | Skate<br>040960 |  |
| pack TIG 250 AC/DC DB<br>012301 | —                     | SR18 DB, 8 m<br>046092 | 4 m, 25 mm <sup>2</sup><br>043794 | Skate<br>040960 |  |

| TITANIUM 230 AC/DC FV                     |                       |                        |                                   |                      |                                      |
|---|-----------------------|------------------------|-----------------------------------|----------------------|--------------------------------------|
|   |                       |                        |                                   |                      |                                      |
| pack TITANIUM 230 AC/DC FV AL1<br>076976  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | —                                    |
| pack TITANIUM 230 AC/DC FV AL2<br>076983  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | Diablo 10m <sup>3</sup> XL<br>076341 |
| pack TITANIUM 230 AC/DC FV ADB2<br>077027 | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm <sup>2</sup><br>043794 | —                    | Diablo 10m <sup>3</sup> XL<br>076341 |
| pack TITANIUM 230 AC/DC FV WL1<br>076990  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | Koolweld 1<br>070820 | —                                    |
| pack TITANIUM 230 AC/DC FV WL2<br>077003  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm <sup>2</sup><br>043794 | Koolweld 1<br>070820 | Diablo 10m <sup>3</sup> XL<br>076341 |
| pack TITANIUM 230 AC/DC FV WDB1<br>077034 | —                     | SR20 DB, 8 m<br>046146 | 4 m, 25 mm <sup>2</sup><br>043794 | Koolweld 1<br>070820 | —                                    |
| pack TITANIUM 230 AC/DC FV WDB2<br>077041 | —                     | SR20 DB, 8 m<br>038202 | 4 m, 25 mm <sup>2</sup><br>043794 | Koolweld 1<br>070820 | Diablo 10m <sup>3</sup> XL<br>076341 |

| TITANIUM 400 AC/DC                    |                       |                        |                                   |                    |                                      |
|---------------------------------------|-----------------------|------------------------|-----------------------------------|--------------------|--------------------------------------|
|                                       |                       |                        |                                   |                    |                                      |
| pack TITANIUM 400 AC/DC WL<br>014763  | 450W L, 8 m<br>037359 | —                      | 4 m, 70 mm <sup>2</sup><br>043831 | WCU1kW C<br>013537 | 10m <sup>3</sup> T/M 400 A<br>037328 |
| pack TITANIUM 400 AC/DC WDB<br>062047 | —                     | 450W DB, 8 m<br>037366 | 4 m, 70 mm <sup>2</sup><br>043831 | WCU1kW C<br>013537 | 10m <sup>3</sup> T/M 400 A<br>037328 |

**Cooling liquid**  
(not included)

5L  
062511

10L  
052246

**Pressure-regulators**  
(not included)

p. 117

**ORBITIG**

## POWER SUPPLY FOR ORBITAL TIG DC

CAN OPEN PROTOCOL  
REAL TIME TRACKING  
✓ HF ✓ LIFT

**ORBITIG 200A**

**220 A** 110 → 230 V • 1~

PFC FV SR

no accessories:  
012448

35/70 mm<sup>2</sup>  
Ø 13 mm

**PFC**  
EN 61000-3-12  
**FV**  
FLEXIBLE VOLTAGE

**CAN BUS - CAN OPEN PROTOCOL**

| ORBITIG 200A | 50/60 Hz | A       | I <sub>2</sub> | EN60974-1 (40°C)        |                      |                       | mm <sup>2</sup> | cm | kg |
|--------------|----------|---------|----------------|-------------------------|----------------------|-----------------------|-----------------|----|----|
|              |          |         |                | X% (I <sub>2</sub> max) | I <sub>2</sub> (60%) | I <sub>2</sub> (100%) |                 |    |    |
| 110V 1~      | 32       | 5 → 180 | 40%            | 125A                    | 110A                 | 35/70                 | 39 × 29 × 16    | 9  |    |
| 230V 1~      | 16       | 5 → 220 | 35%            | 165A                    | 140A                 |                       |                 |    |    |







# MIG-MAG

## GMAW-FCAW

TRADITIONAL  
110 > 450 A

|                  |    |
|------------------|----|
| SMARTMIG         | 34 |
| MONOGYS / TRIMIG | 36 |
| PROMIG           | 38 |
| MAGYS            | 40 |

INVERTER  
85 > 500 A

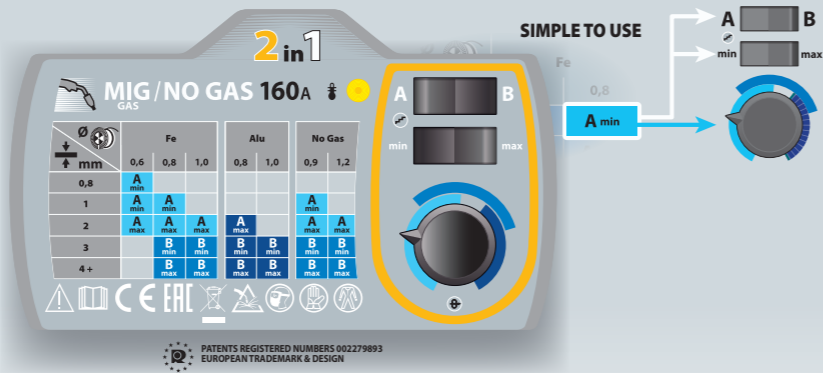
|                  |    |
|------------------|----|
| EASYMIG          | 42 |
| MULTIWELD        | 44 |
| MULTIPEARL       | 46 |
| KRONOS           | 48 |
| NEOMIG-i         | 52 |
| NEOPULSE         | 54 |
| EXAGON           | 64 |
| NOMADFEED/EXATIG | 66 |

|                           |    |
|---------------------------|----|
| AUTOMATION                | 60 |
| ACCESSORIES & CONSUMABLES | 68 |



# MIG/MAG TRADITIONAL

230 V • 1~



230 V • 1~

400 V • 3~

**SMARTMIG 110**  
**110A** ⚡ ⌀ 100  
NO GAS



**SMARTMIG 142**  
**140A** ⚡ ⌀ 100/200  
GAS NO GAS



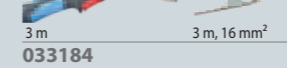
**SMARTMIG 152**  
**140A** ⚡ ⌀ 100/200  
GAS NO GAS



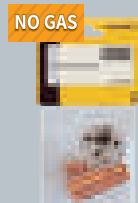
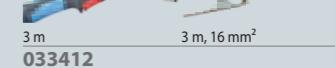
**SMARTMIG 162**  
**160A** ⚡ ⌀ 100/200  
GAS NO GAS  
160A on 13A fuse



**SMARTMIG 182**  
**180A** ⚡ ⌀ 200/300  
GAS NO GAS



**SMARTMIG 183**  
**200A** ⚡ ⌀ 200/300  
GAS NO GAS



Kit soudage NO GAZ  
- No Gas Welding Kit  
- Schweißset Fülldraht  
Ø 0.9 1.0 / 1.2  
041240

**NO GAS** Fil fourré / Flux cored wire / Fülldrahtelektrode  
INFO

**A** Inverser les polarités / Reverse polarities / Polarität wechseln  
Changer le tube contact / Change the contact tip / Kontaktrohr austauschen

**B** Changer le galet / Change the roller / DV-Rolle austauschen

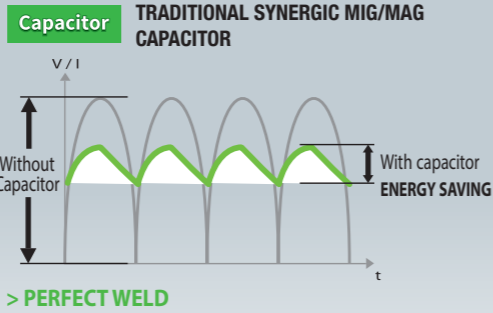
**C** Supprimer la buse / Remove the nozzle / Gasdüse abziehen  
OU / OR / ODER  
Utiliser une buse spéciale NO GAS (isolée) / Use a special nozzle  
NO GAS (isolated) / Spezielle Gasdüse für "NO GAS" (isoliert) verwenden

**D** 150 A Ref. 041868

| EN60974-1 (40°C) | IA (60%) | X% (I2 max) | Uo (V) | Electronic Control | 100 mm 1 kg | 200 mm 5 kg | 300 mm 15 kg | Ø mm    |        | Equipement d'origine / Original equipment / Originalausstattung / Equipamiento de fabrica | TYPE | cm      | kg      | Protected & compatible power generator (+/-15%) |          |          |              |      |        |
|------------------|----------|-------------|--------|--------------------|-------------|-------------|--------------|---------|--------|---|------|---------|---------|---|----------|----------|--------------|------|--------|
|                  |          |             |        |                    |             |             |              | GAS     | NO GAS |   |      |         |         |   |          |          |              |      |        |
| SMARTMIG 110     | 230V 1~  | 13          | —      | 40+110             | 2           | —           | 85A @ 6%     | 25.5+30 | ⚡      | —   | —    | 0.6+0.9 | 0.9     | D-044081  | 0.9      | 40x39x19 | 13.5         | 3 kW |        |
| SMARTMIG 142     | 230V 1~  | 13          | —      | 40+140             | 4           | 60          | 90A @ 20%    | 28+39   | ⚡      | ■   | ■    | 0.6+0.8 | 0.6+0.9 | 0.6/0.8   | A-042339 | 0.8      | 50x44x25     | 22.5 | 3.5 kW |
| SMARTMIG 152     | 230V 1~  | 13          | ■      | 40+140             | 4           | 60          | 90A @ 20%    | 28+39   | ⚡      | ■   | ■    | 0.6+0.8 | 0.6+0.9 | 0.6/0.8   | A-042339 | 0.8      | 48x45x25,5   | 23   | 3.5 kW |
| SMARTMIG 162     | 230V 1~  | 16          | ■      | 30+160             | 4           | 70          | 115A @ 20%   | 25.5+40 | ⚡      | ■   | ■    | 0.6+1.0 | 0.9+1.2 | 0.6/0.8   | A-042339 | 0.8      | 55,5x46x25,5 | 28   | 5 kW   |
| SMARTMIG 182     | 230V 1~  | 16          | ■      | 35+180             | 4           | 80          | 140A @ 15%   | 28+45   | ⚡      | —   | ■    | 0.6+1.0 | 0.9+1.2 | 0.6/0.8   | A-042339 | 0.8      | 79x77x47     | 47   | 6 kW   |
| SMARTMIG 183     | 400V 3~  | 10          | ■      | 15+200             | 7           | 110         | 150A @ 25%   | 16+28.5 | ⚡      | —   | ■    | 0.6+1.0 | 0.9+1.2 | 0.6/0.8   | A-042339 | 0.8      | 79x77x47     | 53   | 6.5 kW |



# MIG/MAG TRADITIONAL SYNERGIC



PATENTS REGISTERED EUROPEAN TRADEMARK & DESIGN



### SYNERGIC • EASY TO USE

Réglage automatique de la vitesse  
 - Auto adaptative wire speed  
 - Automatische Einstellung der Drahtgeschwindigkeit



ACCESSORIES BOX



MONOGYS 200-4 CS  
 • Spot  
 • Delay  
 • 2 t

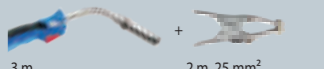
## 230 V • 1~

## 400 V • 3~

### MONOGYS 200-4 CS

**200 A** ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

**GAS** **Capacitor**



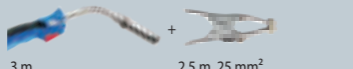
3 m 2 m, 25 mm<sup>2</sup>

065949

### MONOGYS 250-4 CS

**250 A** ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

**GAS** **Capacitor**



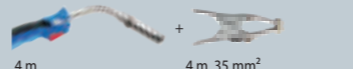
3 m 2.5 m, 25 mm<sup>2</sup>

020368

### MONOGYS 320-4 CS

**320 A** ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

**GAS** **NO GAS** **Capacitor**



4 m 4 m, 35 mm<sup>2</sup>

065079

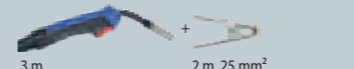
Delivered in x3

no accessories :  
063020

### TRIMIG 200-4S

**200 A** ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

**GAS**



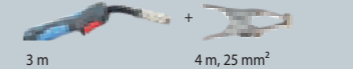
3 m 2 m, 25 mm<sup>2</sup>

033818

### TRIMIG 250-4S DV

**250 A** ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

**GAS**



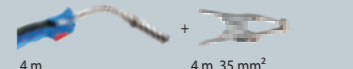
3 m 4 m, 25 mm<sup>2</sup>

033825

### TRIMIG 300-4S

**300 A** ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

**GAS** **NO GAS**



4 m 4 m, 35 mm<sup>2</sup>

021624

Delivered in x3

no accessories :  
033832

| DESIGN GYS FRANCE      | CE<br>NORM.<br>EN60974-1 | ⚡                 |   | ⚡    |           | ⚡       |        | ⚡           |                | ⚡           |                       | ⚡     |                | ⚡               |     | Capacitor<br>Inside | Equipement d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica |    |         | cm       | kg     | Protected<br>& compatible<br>power generator<br>(+/-15%) |       |        |
|------------------------|--------------------------|-------------------|---|------|-----------|---------|--------|-------------|----------------|-------------|-----------------------|-------|----------------|-----------------|-----|---------------------|--|----|---------|----------|--------|--|-------|--------|
|                        |                          | 50/60 Hz          | ↔ | Norm | Intensive | A       | Reg    | IA<br>(60%) | X%<br>(I2 max) | Uo (V)      | Electronic<br>Control | m/min | 200 mm<br>5 kg | 300 mm<br>15 kg | GAS |                     | NO GAS   | mm | TYPE    |          |        |  |       |        |
| MADE IN GYS CHINA      | <b>MONOGYS 200-4 CS</b>  | 230V 1~           | — | 2 m  | 16        | 25      | 25+200 | 6           | 110            | 200 A @ 15% | 17+34                 | ⚡⚡⚡⚡  | 15             | ▪               | ▪   | 0.6+1.0             | —  | ▪  | 0.8/1.0 | A 041189 | 1.0 mm | 76 × 78 × 47   | 70    | 7.5 kW |
| MADE IN GYS CHINA      | <b>MONOGYS 250-4 CS</b>  | 240V 1~           | — | 2 m  | 25        | 40      | 40+250 | 8           | 155            | 250 A @ 15% | 17+38                 | ⚡⚡⚡⚡  | 20             | ▪               | ▪   | 0.8+1.2             | —  | ▪  | 0.8/1.0 | B 042360 | 1.0 mm | 76 × 78 × 47   | 83.5  | 9 kW   |
| MADE IN FRANCE         | <b>MONOGYS 320-4 CS</b>  | 240V 1~           | — | 3 m  | 32        | 50      | 30+320 | 12          | 210            | 320 A @ 25% | 17+43                 | ⚡⚡⚡⚡  | 20             | ▪               | ▪   | 0.8+1.2             | 0.9+1.2  | ▪  | 1.0/1.2 | B 046849 | 1.2 mm | 95 × 93 × 50   | 105   | 13 kW  |
| MADE IN FRANCE & CHINA | <b>TRIMIG 200-4S</b>     | 400V 3~           | ▪ | 3 m  | 10        | 10      | 30+200 | 7           | 140            | 200 A @ 30% | 17+34.5               | ⚡⚡⚡⚡  | 15             | ▪               | ▪   | 0.6+1.0             | —  | —  | 0.8/1.0 | B 042360 | 1.0 mm | 76 × 78 × 47   | 70    | 7.5 kW |
| MADE IN GYS CHINA      | <b>TRIMIG 250-4S DV</b>  | 400V 3~ / 230V 3~ | ▪ | 5 m  | 10 / 16   | 16 / 25 | 35+250 | 10          | 180            | 250A @ 30%  | 17+37                 | ⚡⚡⚡⚡  | 20             | ▪               | ▪   | 0.6+1.2             | —  | —  | 0.8/1.0 | B 042360 | 1.0 mm | 95 × 93 × 50   | 91.5  | 9 kW   |
| MADE IN FRANCE         | <b>TRIMIG 300-4S</b>     | 400V 3~           | ▪ | 5 m  | 16        | 20      | 35+300 | 12          | 240            | 300 A @ 35% | 17+37                 | ⚡⚡⚡⚡  | 20             | ▪               | ▪   | 0.6+1.2             | 0.9+1.2  | —  | 1.0/1.2 | B 046849 | 1.2 mm | 95 × 93 × 50   | 100.5 | 12 kW  |



PROMIG

EN 1090

ADJUSTABLE WIRE CREEP SPEED



WF WIRE FEEDER COMPATIBILITY



# MIG/MAG TRADITIONAL SYNERGIC



Youtube

ACCESSORIES BOX



2 TORCHES

1 - GAS  
2 - GAS

35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm



COMPACT



GENERATOR

35/50 mm<sup>2</sup>  
Ø 13 mm

PROMIG 400-4S

400 V • 3~

350 A

Ø 200/300



no accessories:  
035898

PROMIG 400-4S DUO.DV

230 / 400 V • 3~

350 A

Ø 200/300



WF

no accessories:  
035911

PROMIG 400 G.DV

230 / 400 V • 3~

350 A

WF

no accessories:  
035904

COMPLETE PACKS



PROMIG 400-4S

|                                |   |                             |                                  |   |                           |   |
|--------------------------------|---|-----------------------------|----------------------------------|---|---------------------------|---|
| pack PROMIG 400-4S 1<br>035928 | — | Ø1/1.2 (original equipment) | 4m, 50 mm <sup>2</sup><br>047853 | — | 350 A, 4 m, air<br>040946 | — |
|--------------------------------|---|-----------------------------|----------------------------------|---|---------------------------|---|

|                                |   |                             |                            |                                  |   |                           |
|--------------------------------|---|-----------------------------|----------------------------|----------------------------------|---|---------------------------|
| pack PROMIG 400-4S 2<br>035935 | — | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | — | 350 A, 3 m, air<br>040731 |
|--------------------------------|---|-----------------------------|----------------------------|----------------------------------|---|---------------------------|

PROMIG 400-G.DV

|                                  |                  |                             |                                  |   |                           |   |
|----------------------------------|------------------|-----------------------------|----------------------------------|---|---------------------------|---|
| pack PROMIG 400-G.DV 1<br>035942 | TF-4RN<br>061699 | Ø1/1.2 (original equipment) | 4m, 50 mm <sup>2</sup><br>047853 | 10 m, air, ø 70 mm <sup>2</sup><br>034860 | 350 A, 4 m, air<br>040946 | — |
|----------------------------------|------------------|-----------------------------|----------------------------------|---|---------------------------|---|

|                                  |                  |                             |                                  |  |                           |   |
|----------------------------------|------------------|-----------------------------|----------------------------------|--|---------------------------|---|
| pack PROMIG 400-G.DV 3<br>036109 | TF-4RN<br>061699 | Ø1/1.2 (original equipment) | 4m, 50 mm <sup>2</sup><br>047853 | 5 m, air, ø 70 mm <sup>2</sup><br>034839 | 350 A, 4 m, air<br>040946 | — |
|----------------------------------|------------------|-----------------------------|----------------------------------|--|---------------------------|---|

|                                  |                  |                             |                            |                                  |   |                           |
|----------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|---|---------------------------|
| pack PROMIG 400-G.DV 2<br>035959 | TF-4RN<br>061699 | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | 10 m, air, ø 70 mm <sup>2</sup><br>034860 | 350 A, 3 m, air<br>040731 |
|----------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|---|---------------------------|

|                                  |                  |                             |                            |                                  |  |                           |
|----------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|--|---------------------------|
| pack PROMIG 400 G.DV 4<br>036116 | TF-4RN<br>061699 | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | 5 m, air, ø 70 mm <sup>2</sup><br>034839 | 350 A, 3 m, air<br>040731 |
|----------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|--|---------------------------|

PROMIG 400-4S DUO DV

|                                       |                  |                             |                            |                                  |   |                           |                           |
|---------------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|---|---------------------------|---------------------------|
| pack PROMIG 400-4S DUO DV 3<br>035980 | TF-4RN<br>061699 | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | 10 m, air, ø 70 mm <sup>2</sup><br>034860 | 350 A, 4 m, air<br>040946 | 350 A, 3 m, air<br>040731 |
|---------------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|---|---------------------------|---------------------------|

|                                       |                  |                             |                            |                                  |  |                           |                           |
|---------------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|--|---------------------------|---------------------------|
| pack PROMIG 400-4S DUO DV 4<br>035123 | TF-4RN<br>061699 | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | 5 m, air, ø 70 mm <sup>2</sup><br>034839 | 350 A, 4 m, air<br>040946 | 350 A, 3 m, air<br>040731 |
|---------------------------------------|------------------|-----------------------------|----------------------------|----------------------------------|--|---------------------------|---------------------------|

PROMIG

MIG/MAG • TRADITIONAL

39



OPTIONS

Câble d'inversion de polarité  
- Polarity reversal cable  
- Umpolungskabel



1.3 m 95 mm<sup>2</sup> 033689  
5 m 95 mm<sup>2</sup> 032439  
10 m 95 mm<sup>2</sup> 032446

Faisceaux de liaison - Connection cable - Zwischenschlauchpakete



AIR COOLED  
5 m 50 mm<sup>2</sup> 034822  
5 m 70 mm<sup>2</sup> 034839  
10 m 50 mm<sup>2</sup> 034853  
10 m 70 mm<sup>2</sup> 034860  
10 m 95 mm<sup>2</sup> 045941

Support câbles  
037700



EN60974-1

MADE IN FRANCE

| Model                | Voltage       | Norm                 |                      | min → max | Reg | EN60974-1 (40°C) |             |              | U <sub>0</sub> (V) | Electronic Control | m/min | Ø mm |   | GAS     | NO GAS  | Ø mm    | TYPE     | Cooling system | cm / kg      | kg   | Protected & compatible power generator (+/-15%) |
|----------------------|---------------|----------------------|----------------------|-----------|-----|------------------|-------------|--------------|--------------------|--------------------|-------|------|---|---------|---------|---------|----------|----------------|--------------|------|---|
|                      |               | IA (60%)             | X% (I2 max)          |           |     | 100%             | 200 mm 5 kg | 300 mm 15 kg |                    |                    |       |      |   |         |         |         |          |                |              |      |   |
| PROMIG 400-4S        | 400V 3~       | 16                   | 20                   | 40 → 350  | 14  | 270              | 350 A @ 35% | 220 A        | 17-42              | ⊗                  | 20    | ■    | ■ | 0.6+1.6 | —       | 1.0/1.2 | B-046849 | Air            | 95 × 90 × 40 | 112  | 20 kW   |
| PROMIG 400-4S DUO.DV | 230 & 400V 3~ | 230V: 25<br>400V: 16 | 230V: 40<br>400V: 25 | 40 → 350  | 14  | 270              | 350 A @ 35% | 220 A        | 17-42              | ⊗                  | 20    | ■    | ■ | 0.6+1.6 | 0.9+1.6 | 1.0/1.2 | B-046849 | Air            | 95 × 90 × 40 | 113  | 20 kW   |
| PROMIG 400 G.DV      | 230 & 400V 3~ | —                    | —                    | —         | —   | —                | —           | —            | —                  | —                  | —     | —    | — | OPTION  | —       | —       | —        | Air            | 95 × 90 × 40 | 109  | 20 kW   |
| TF-4RN               | —             | —                    | —                    | —         | —   | —                | —           | —            | —                  | ⊗                  | 20    | ■    | ■ | 0.6+1.6 | 0.9+1.6 | 1.0/1.2 | B-046849 | Air            | 61 × 48 × 25 | 15.5 | 20 kW   |

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X%

MAGYS 400 **350 A - 50%**  
MAGYS 500 **450 A - 50%**  
FULL SYNERGIC MIG OVER 1 000 PARAMETERS

EN 1090



+/-

ADJUSTABLE :  
ELECTRONIC CONTROL

• CREEP SPEED  
• BURN BACK  
• POST GAS



DYNAMIC ARC CONTROL TECHNOLOGY

↓ ?

MATERIAL THICKNESS TEST

24 m/min max

4 DRIVE ROLLERS Ø 37 mm  
MOTOR 70W  
HIGH QUALITY FOR HIGH PRECISION  
Rollers Type C

MAGYS 400-4, WS-4R, WS-4L

XL

HIGH STABILITY

360°

EASY CLEANING

SHOCK RESISTANT



MAGYS

# MIG/MAG TRADITIONAL SYNERGIC



Youtube

Max 10 m³ (50 L)



70/95 mm²  
Ø 13 mm



COMPACT

MAGYS 400-4

350 A

Ø 200/300



AIR

no accessories :  
032170

WF WIRE FEEDER COMPATIBILITY



Ø 200/300

WS-4R

AIR

034723

WS-4L

LIQUID

033573

OPTIONS WS-4R/4L

Skate 040977

Wirefeeder support details p.71 036277

SMALL SIZE

Ø 200

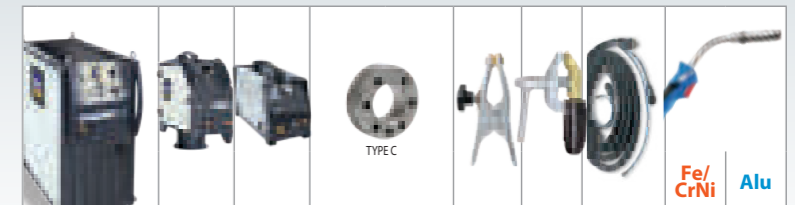
W55-4L

AIR

LIQUID

032835

COMPLETE PACKS



MAGYS 400-4

| pack MAGYS        | WS-4L | WS-4R | TYPE C                      | Fe/CrNi                 | Alu               | 350 A, 4 m, air |
|-------------------|-------|-------|-----------------------------|-------------------------|-------------------|-----------------|
| 400-4 1<br>032279 | —     | —     | Ø1/1.2 (original equipment) | 4m, 50 mm² 047853       | —                 | —               |
| 400-4 2<br>032286 | —     | —     | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2) 042162 | 4m, 50 mm² 047853 | —               |

MAGYS 500 WS

| pack MAGYS         | WS-4L  | WS-4R         | TYPE C                      | Fe/CrNi                 | Alu               | 500 A, 4 m, liquid           |
|--------------------|--------|---------------|-----------------------------|-------------------------|-------------------|------------------------------|
| 500 WS 1<br>032330 | 033573 | —             | Ø1/1.2 (original equipment) | —                       | 4m, 70 mm² 043831 | 10m, liquid, ø 70 mm² 033658 |
| 500 WS 4<br>036475 | 033573 | —             | Ø1/1.2 (original equipment) | —                       | 4m, 70 mm² 043831 | 5m, liquid, ø 70 mm² 033641  |
| 500 WS 2<br>032347 | 033573 | —             | Ø1/1.2 (original equipment) | Alu, Ø1/1.2 (x2) 042162 | 4m, 70 mm² 043831 | 10m, liquid, ø 70 mm² 033658 |
| 500 WS 3<br>032354 | —      | W55-4L 032835 | Ø0.8/1 (original equipment) | —                       | 4m, 70 mm² 043831 | 10m, liquid, ø 70 mm² 033658 |

Cooling liquid (not included)

5L 062511

10L 052246



GYS

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MAGYS

MIG/MAG • TRADITIONAL

OPTIONS

Câble d'inversion de polarité  
- Polarity reversal cable  
- Umpolungskabel



1.3 m 95 mm² 033689  
5 m 95 mm² 032439  
10 m 95 mm² 032446

Faisceaux de liaison - Connection cable  
- Zwischenschlauchpakete

AIR COOLED  
5 m 50 mm² 034822  
5 m 70 mm² 034839  
10 m 50 mm² 034853  
10 m 70 mm² 034860  
10 m 95 mm² 045941

LIQUID COOLED  
1.6 m 70 mm² 033696  
5 m 70 mm² 033641  
10 m 70 mm² 033658  
10 m 95 mm² 034877  
15 m 95 mm² 034884

GOUGING Gougeage - Gouging - Fugenhobeln



Ø 8 mm max 041516

Câble pour pince de gougeage  
- Cable for gouging torch  
- Anschlusskabel für Fugenhobel-Brenner

70 mm² - 5 m 040670

Électrodes de gougeage  
- Gouging - Electrodes  
- Fugenhobelelektrode  
- Electrodo de carbono

Ø 5 mm (x50) 069756  
Ø 6.4 mm (x50) 086081  
Ø 8 mm (x50) 086098

Screen protection included with Magys



Cable support (x4)



| EN60974-1 (40°C) | EN60974-1      | 50/60 Hz | A  | A  | Reg    | I(A) (60%) | X% (I2 max) | 100%        | U <sub>0</sub> (V) | Electronic Control | m/min | 200 mm 5 kg | 300 mm 15 kg | GAS     | NO GAS  | Ø mm       | TYPE | Equipment d'origine Original equipment Equipamiento de fabrica | Cooling system    | cm           | kg             | Protected & compatible power generator (+/-15%) |       |
|------------------|----------------|----------|----|----|--------|------------|-------------|-------------|--------------------|--------------------|-------|-------------|--------------|---------|---------|------------|------|--|-------------------|--------------|----------------|---|-------|
|                  |                |          |    |    |        |            |             |             |                    |                    |       |             |              |         |         |            |      |  |                   |              |                |   | Norm  |
| MAGYS 400-4      | MADE IN FRANCE | 400V 3~  | 20 | 25 | 40+350 | 20         | 320         | 350 A @ 50% | 260 A              | 17-43              | Ø 24  | ■           | ■            | 0.6+1.6 | 0.9+1.6 | 1.0/1.2 mm | C    | 042117   | —                 | Air          | 46 x 93 x 110  | 134   | 20 kW |
| MAGYS 500 WS     |                | 400V 3~  | 25 | 32 | 45+450 | 30         | 410         | 450 A @ 50% | 320 A              | 18-51              | —     | —           | —            | —       | —       | —          | —    | —  | + WS-4L or W55-4L | Liquid       | 48 x 93 x 110  | 157   | 30 kW |
| WS-4R            |                | —        | —  | —  | —      | —          | —           | —           | —                  | —                  | Ø 24  | ■           | ■            | 0.6+1.6 | 0.9+2.4 | 1.0/1.2 mm | C    | 042117   | —                 | Air          | 68 x 56 x 35.5 | 22  | —     |
| WS-4L            |                | —        | —  | —  | —      | —          | —           | —           | —                  | —                  | Ø 24  | ■           | ■            | 0.6+1.6 | 0.9+1.6 | 1.0/1.2 mm | B    | 042360   | —                 | Liquid       | —              | —   | —     |
| W55-4L           |                | —        | —  | —  | —      | —          | —           | —           | —                  | —                  | Ø 20  | ■           | —            | 0.6+1.6 | 0.9+1.6 | 0.8/1.0 mm | B    | 042360   | —                 | Air + Liquid | 32 x 49 x 23   | 12  | —     |

40



EASYMIG

# MIG/MAG INVERTER

230 V • 1~

3 in 1

GAS  
NO GAS  
MMA



EASY TO USE

Example / Exemple EASYMIG 160



NEW

EASYMIG 85

85 A  $\varnothing 100$

NO GAS



EASYMIG 110

100 A  $\varnothing 100$

GAS NO GAS MMA



EASYMIG 130

120 A  $\varnothing 100$

GAS NO GAS MMA

120 A on 13 A fuse



EASYMIG 140

140 A  $\varnothing 100$

GAS NO GAS MMA

140 A on 13 A fuse



EASYMIG 150

140 A  $\varnothing 100/200$

GAS NO GAS MMA

140 A on 13 A fuse



EASYMIG 160

160 A  $\varnothing 100/200$

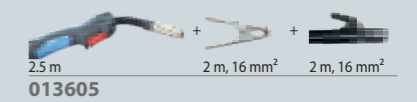
GAS NO GAS MMA



EASYMIG 160 XL

160 A  $\varnothing 200/300$

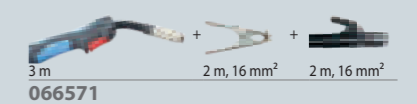
GAS NO GAS MMA



EASYMIG 180-4 XL

180 A  $\varnothing 200/300$

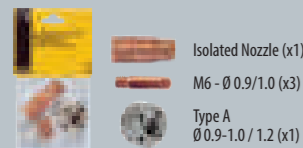
GAS NO GAS MMA



KIT SOUDAGE NO GAZ Ø 0.9  
- No Gas Welding Kit Ø 0.9  
- Schweißset Fülldraht

NO GAS

041240 150 A type A more p.71



| CE NORM. EN60974-1 | MADE IN GYS CHINA | 50/60 Hz | A  | EURO | I <sub>2</sub> MMA | I <sub>2</sub> MIG | MIG EN60974-1 (40°C) |                         | MMA EN60974-1 (40°C) |                         | U <sub>0</sub> (V) | Electronic Control | 100 mm 1 kg | 200 mm 5 kg | 300 mm 15 kg | Ø mm    |         |         | Equipment d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica | TYPE     | cm      | kg       |      |
|--------------------|-------------------|----------|----|------|--------------------|--------------------|----------------------|-------------------------|----------------------|-------------------------|--------------------|--------------------|-------------|-------------|--------------|---------|---------|---------|---|----------|---------|----------|------|
|                    |                   |          |    |      |                    |                    | IA (60%)             | X% (I <sub>2</sub> max) | IA (60%)             | X% (I <sub>2</sub> max) |                    |                    |             |             |              | GAS     | NO GAS  | MMA     |   |          |         |          |      |
| EASYMIG 85         |                   | 230V 1~  | 16 | —    | —                  | 30→85              | 50                   | 85 A @ 20%              | —                    | —                       | 30                 |                    | ■           | —           | —            | —       | 0.6+0.9 | —       | 0.6/ (no gas) / 0.9 (no gas)  | D-068926 | 0.6     | 38×24×28 | 7.9  |
| EASYMIG 110        |                   | 230V 1~  | 16 | —    | 20→80              | 30→100             | 60                   | 100 A @ 30%             | 50                   | 80 A @ 30%              | 62                 |                    | ■           | —           | —            | 0.6+0.8 | 0.6+0.9 | 1.6+2.5 | 0.8 (gas) / 0.9 (no gas)  | D-039476 | 0.8/0.9 | 41×42×19 | 9.5  |
| EASYMIG 130        |                   | 230V 1~  | 16 | —    | 20→100             | 30→120             | 70                   | 120 A @ 20%             | 60                   | 100 A @ 20%             | 62                 |                    | ■           | —           | —            | 0.6+0.8 | 0.6+0.9 | 1.6+3.2 | 0.8 (gas) / 0.9 (no gas)  | D-039476 | 0.8/0.9 | 43×42×19 | 10.5 |
| EASYMIG 140        |                   | 230V 1~  | 16 | ■    | 20→120             | 30→140             | 80                   | 140 A @ 15%             | 70                   | 120 A @ 15%             | 62                 |                    | ■           | —           | —            | 0.6+0.8 | 0.6+0.9 | 1.6+3.2 | 0.8 (gas) / 0.9 (no gas)  | D-039476 | 0.8/0.9 | 43×42×19 | 11.3 |
| EASYMIG 150        |                   | 230V 1~  | 16 | ■    | 20→120             | 30→140             | 80                   | 140 A @ 15%             | 70                   | 120 A @ 15%             | 62                 |                    | ■           | ■           | —            | 0.6+0.8 | 0.6+0.9 | 1.6+3.2 | 0.8 (gas) / 0.9 (no gas)  | A-046856 | 0.8/0.9 | 52×36×25 | 13   |
| EASYMIG 160        |                   | 230V 1~  | 16 | ■    | 20→140             | 30→160             | 95                   | 160 A @ 20%             | 90                   | 140 A @ 20%             | 59                 |                    | ■           | ■           | —            | 0.6+0.8 | 0.6+0.9 | 1.6+3.2 | 0.8 (gas) / 0.9 (no gas)  | A-046856 | 0.8/0.9 | 50×36×25 | 14.3 |
| EASYMIG 160 XL     |                   | 230V 1~  | 16 | ■    | 20→140             | 30→160             | 95                   | 160 A @ 20%             | 90                   | 140 A @ 20%             | 59                 |                    | —           | ■           | ■            | 0.6+0.8 | 0.6+0.9 | 1.6+3.2 | 0.8 (gas) / 0.9 (no gas)  | A-046856 | 0.8/0.9 | 55×44×25 | 15.7 |
| EASYMIG 180-4 XL   |                   | 230V 1~  | 16 | ■    | 20→150             | 30→180             | 110                  | 180 A @ 20%             | 100                  | 150 A @ 20%             | 59                 |                    | —           | ■           | ■            | 0.6+0.8 | 0.6+0.9 | 1.6+3.2 | 0.8 (gas) / 0.9 (no gas)  | A-046856 | 0.8/0.9 | 55×44×25 | 15.7 |

EASYMIG  
MIG/MAG • INVERTER





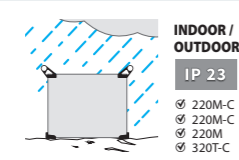
MULTIWELD

# MIG/MAG INVERTER

1~/3~

3  
in 1

GAS  
NO GAS  
MMA  
Anti Sticking



IP 23  
Ø 200/300

|                   |       |         | Multiweld | Included accessories       | Set* | No accessories |
|-------------------|-------|---------|-----------|----------------------------|------|----------------|
| 230 V • 1~        | 180 A | COMPACT | 180M-C    | 078727                     | A    | —              |
| 230 V • 1~        | 200 A | COMPACT | 200M-C    | 066588                     | A    | —              |
|                   |       | WHEELS  | 200M      | 066595                     | A    | —              |
| 110V / 230 V • 1~ | 220 A | COMPACT | FV 220M-C | 065499                     | B    | —              |
|                   |       | WHEELS  | FV 220M   | 065482                     | B    | —              |
| 400 V • 3~        | 250 A | COMPACT | 250T-C    | 078659                     | C    | 014572         |
|                   |       | WHEELS  | 250T      | 078635                     | C    | 031678         |
| 400 V • 3~        | 320 A | COMPACT | 320T-C    | 065130<br>Delivered in  x4 | D    | 063037         |
|                   |       | WHEELS  | 320T      | 065123<br>Delivered in  x4 | D    | 062467         |
| 400 V • 3~        | 400 A | WHEELS  | 400T      | —                          | —    | 068735         |

### \* Accessories

- Set A : 3 m + 2 m, 16 mm<sup>2</sup> + 2 m, 16 mm<sup>2</sup>
- Set B : 3 m + 2.5 m, 25 mm<sup>2</sup> + 2 m, 25 mm<sup>2</sup>
- Set C : 3 m + 4 m, 25 mm<sup>2</sup>
- Set D : 4 m + 4 m, 35 mm<sup>2</sup> + 4 m, 35 mm<sup>2</sup>

**NEW**  
06/2023

• MULTIWELD 180M-C



2 m 230V 1~  
35/50 mm<sup>2</sup> Ø 13 mm

COMPACT

EASY TO USE MULTIWELD 250T • MULTIWELD 320T • MULTIWELD 400T



36 V plug - for gas pre-heater



Inside all MULTIWELD

• MULTIWELD 200M  
• MULTIWELD FV 220M  
• MULTIWELD 250T  
• MULTIWELD 320T

Max 4 m<sup>3</sup> (20 L)

• MULTIWELD 400T

Max 10 m<sup>3</sup> (50 L)

**NEW**  
03/2023

• MULTIWELD 200M-C  
• MULTIWELD FV 220M-C  
• MULTIWELD 250T-C  
• MULTIWELD 320T-C



3 m 400V 3~  
35/50 mm<sup>2</sup> Ø 13 mm

COMPACT



3 m 400V 3~  
35/50 mm<sup>2</sup> Ø 13 mm

5 m 400V 3~  
70/95 mm<sup>2</sup> Ø 13 mm

WHEELS

MULTIWELD

MIG/MAG • INVERTER

45



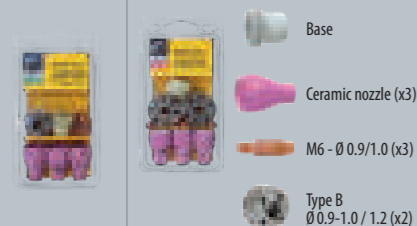
OPTIONS

KIT SOUDAGE NO GAZ Ø 0.9  
- No Gas Welding Kit Ø 0.9  
- Schweißset Fülldraht

NO GAS

more  
p.71

250 A type A 072336  
250 A type B 072343



CO2 Gas heater and regulator

RH-258, G5/8 CN 063341  
GH-258, G3/4 Russia 063358  
GH-258, G7/8 UK 063365

MULTIWELD only  
AC36V/150W

36V plug inside



| CE<br>NORME<br>EN60974-1 | MADE IN<br>GYS CHINA | 50/60 Hz        |   | A  | I <sub>2</sub> MMA | I <sub>2</sub> MIG | EN60974-1 (40°C)                 |                                  |     |             | U <sub>0</sub> (V) | Electronic Control | 200 mm 5 kg | 300 mm 15 kg | Ø mm      |           | MMA       | Equipement d'origine Originalausstattung Equipamiento de fabrica |          | wheels | cm | kg           | Protected & compatible power generator (+/-15%) |        |
|--------------------------|----------------------|-----------------|---|----|--------------------|--------------------|----------------------------------|----------------------------------|-----|-------------|--------------------|--------------------|-------------|--------------|-----------|-----------|-----------|--|----------|--------|----|--------------|---|--------|
|                          |                      | mm <sup>2</sup> | m |    |                    |                    | MIG                              | MMA                              | GAS | NO GAS      |                    |                    |             |              | TYPE      | cm        |           |  |          |        |    |              |   |        |
|                          |                      | mm <sup>2</sup> | m |    |                    |                    | IA (60%) X% (I <sub>2</sub> max) | IA (60%) X% (I <sub>2</sub> max) |     |             |                    |                    |             |              |           |           |           |  |          |        |    |              |   |        |
| MULTIWELD 180M-C         | 230V 1~              | 3x1.5           | 2 | 16 | 80 → 150           | 30 → 180           | 110                              | 180 A @ 20%                      | 100 | 150 A @ 20% | 59                 |                    | ■           | ■            | 0.6 → 0.8 | 0.6 → 0.9 | 1.6 → 3.2 | 0.8/0.9  | A-046856 | 0.8    | —  | 55 × 44 × 25 | 17  | 7.5 kW |
| MULTIWELD 200M-C         | 230V 1~              | 3x2.5           | 2 | 16 | 20 → 180           | 30 → 200           | 115                              | 200 A @ 15%                      | 104 | 200 A @ 15% | 65                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 4   | 0.8/1.0  | A-041189 | 0.8    | —  | 58 × 52 × 32 | 26  | 7.5 kW |
| MULTIWELD 200M           | 230V 1~              | 3x2.5           | 2 | 16 | 20 → 180           | 30 → 200           | 115                              | 200 A @ 15%                      | 104 | 200 A @ 15% | 65                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 4   | 0.8/1.0  | A-041189 | 0.8    | ■  | 79 × 77 × 47 | 34  | 7.5 kW |
| MULTIWELD FV 220M-C      | 110V 1~ / 230V 1~    | 3x2.5           | 2 | 16 | 30 → 200           | 30 → 220           | 160                              | 220 A @ 20%                      | 140 | 200 A @ 20% | 75                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 5   | 0.8/1.0  | A-041189 | 0.8    | —  | 58 × 52 × 32 | 24  | 8 kW   |
| MULTIWELD FV 220M        | 110V 1~ / 230V 1~    | 3x2.5           | 2 | 16 | 30 → 200           | 30 → 220           | 160                              | 220 A @ 30%                      | 140 | 200 A @ 20% | 75                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 5   | 0.8/1.0  | A-041189 | 0.8    | ■  | 79 × 77 × 47 | 32  | 8 kW   |
| MULTIWELD 250T-C         | 400V 3~              | 4x1.5           | 3 | 16 | 40 → 220           | 40 → 250           | 170                              | 250 A @ 20%                      | 150 | 220 A @ 20% | 59                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 5   | 0.8/1.0  | A-041189 | —      | —  | 58 × 52 × 32 | 32  | 9 kW   |
| MULTIWELD 250T           | 400V 3~              | 4x1.5           | 3 | 16 | 40 → 250           | 40 → 250           | 200                              | 250 A @ 30%                      | 200 | 250 A @ 30% | 59                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 5   | 0.8/1.0  | A-041189 | —      | ■  | 79 × 77 × 47 | 40  | 9 kW   |
| MULTIWELD 320T-C         | 400V 3~              | 4x2.5           | 3 | 16 | 40 → 300           | 40 → 320           | 200                              | 320 A @ 20%                      | 180 | 300 A @ 20% | 64                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 6   | 0.8/1.0  | B-042360 | —      | —  | 58 × 52 × 34 | 38  | 13 kW  |
| MULTIWELD 320T           | 400V 3~              | 4x2.5           | 3 | 16 | 40 → 300           | 40 → 320           | 240                              | 320 A @ 30%                      | 220 | 300 A @ 30% | 64                 |                    | ■           | ■            | 0.6 → 1.2 | 0.9 → 1.2 | 1.6 → 6   | 0.8/1.0  | B-042360 | —      | ■  | 77 × 79 × 47 | 44  | 13 kW  |
| MULTIWELD 400T           | 400V 3~              | 4x4             | 5 | 32 | 40 → 400           | 40 → 400           | 300                              | 400A @ 35%                       | 300 | 400 A @ 35% | 70                 |                    | ■           | ■            | 0.6 → 1.6 | 0.9 → 1.2 | 1.6 → 6   | 1.0/1.2  | B-042179 | —      | ■  | 95 × 93 × 50 | 63  | 20 kW  |

44



MULTIPEARL

# MIG/MAG INVERTER SYNERGIC

4  
in 1

GAS

NO GAS



Youtube

### 1 MIG / MANUAL

Enter your parameters



Adjust Spot & Delay

### 2 MIG / SYNERGIC

Easy to use

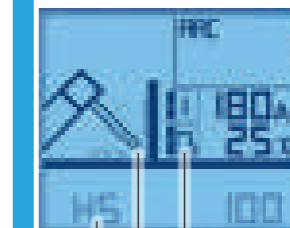


Select :

- 1. material
  - 2. Ø wire
  - 3. position
  - 4. thickness : 0.5 → 6 mm
- Adjust arc length

|       |        |
|-------|--------|
| Fe    | CrNi   |
| AlMg5 | CuSi3  |
| AlSi5 | AlSi12 |
| CuAl8 | F.C.   |

### 3 MMA



HotStart ArcForce  
Electrodes : Ø 1.6 → 5 mm

### 4 TIG lift



Post Gas Downslope  
Thickness : 0.5 → 8 mm



POWER FACTOR CORRECTION  
PFC  
EN 61000-3-12  
FV  
FLEXIBLE VOLTAGE

230V 1~

10/25mm<sup>2</sup>  
Ø 9 mm



POWER FACTOR CORRECTION  
PFC  
EN 61000-3-12  
FV  
FLEXIBLE VOLTAGE

10/25mm<sup>2</sup>  
Ø 9 mm



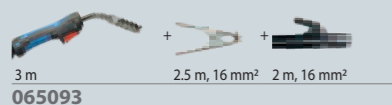
POWER FACTOR CORRECTION  
PFC  
EN 61000-3-12  
FV  
FLEXIBLE VOLTAGE

Max 4m<sup>3</sup>  
(20L)

10/25mm<sup>2</sup>  
Ø 9 mm

#### MULTIPEARL 210-2

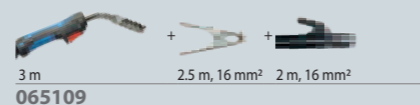
|              |        |     |     |    |    |               |
|--------------|--------|-----|-----|----|----|---------------|
| <b>200 A</b> |        |     |     |    |    |               |
| P400         | PFC    | FV  | SR  | HS | AF | Anti Sticking |
| GAS          | NO GAS | MMA | TIG |    |    |               |



3 m 065093

#### MULTIPEARL 210-4 XL

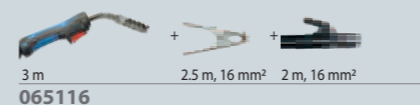
|              |        |     |     |    |    |               |
|--------------|--------|-----|-----|----|----|---------------|
| <b>200 A</b> |        |     |     |    |    |               |
| P400         | PFC    | FV  | SR  | HS | AF | Anti Sticking |
| GAS          | NO GAS | MMA | TIG |    |    |               |



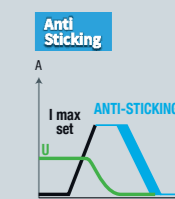
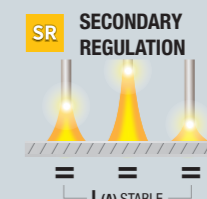
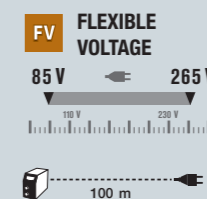
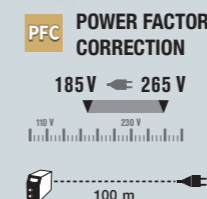
3 m 065109

#### MULTIPEARL 211-4

|              |        |     |     |    |    |               |
|--------------|--------|-----|-----|----|----|---------------|
| <b>200 A</b> |        |     |     |    |    |               |
| P400         | PFC    | FV  | SR  | HS | AF | Anti Sticking |
| GAS          | NO GAS | MMA | TIG |    |    |               |



3 m 065116



TIG torch kit SR17V (valve)  
4 m  
10/25mm<sup>2</sup>  
044425

TIG torch kit SR17 DB  
4 m  
046108

KIT SOUDAGE NO GAZ Ø 0.9  
- No Gas Welding Kit Ø 0.9  
- Schweißset Fülldraht

NO GAS

072336

- 250 A type A
- Base (x1)
- Ceramic nozzle (x3)
- M6 - Ø 0.9/1.0 (x3)
- Type A Ø 0.9-1.0 / 1.2 (x1)

more  
p.71

| MADE IN FRANCE<br>EN60974-1 | 50 / 60 Hz | A  | I <sub>2</sub> MMA | I <sub>2</sub> TIG | min → max | EN60974-1 (40°C) |                         | U <sub>0</sub> (V) | Electronic Control | MIG   |             |             | GAS | NO GAS    | MMA       | TYPE      | cm | kg      | 7.5 kW         |              |        |
|-----------------------------|------------|----|--------------------|--------------------|-----------|------------------|-------------------------|--------------------|--------------------|-------|-------------|-------------|-----|-----------|-----------|-----------|----|---------|----------------|--------------|--------|
|                             |            |    |                    |                    |           | IA (60%)         | X% (I <sub>2</sub> max) |                    |                    | m/min | 100 mm 1 kg | 200 mm 5 kg |     |           |           |           |    |         |                | 300 mm 15 kg |        |
| Multi PEARL 210-2           | 110V 1~    | 32 | 10 → 130           | 10 → 160           | 20 → 150  | 100              | 150 A @ 22%             | 76                 |                    | 15    | ■           | ■           | —   | 0.6 + 1.0 | 0.9 + 1.2 | 1.6 + 3.2 | A  | 0.8/1.0 | 25 x 45 x 35   | 16           | 7.5 kW |
|                             | 230V 1~    | 16 | 10 → 200           | 10 → 200           | 20 → 200  | 130              | 200 A @ 20%             | 75                 |                    | 15    | ■           | ■           | ■   | 0.6 + 1.0 | 0.9 + 1.2 | 1.6 + 5.0 | A  | 0.8/1.0 | 27.5 x 55 x 44 | 20           | 7.5 kW |
| Multi PEARL 210-4 XL        | 110V 1~    | 32 | 10 → 130           | 10 → 160           | 20 → 150  | 100              | 150 A @ 22%             | 76                 |                    | 15    | ■           | ■           | ■   | 0.6 + 1.0 | 0.9 + 1.2 | 1.6 + 3.2 | B  | 0.8/1.0 | 27.5 x 55 x 44 | 20           | 7.5 kW |
|                             | 230V 1~    | 16 | 10 → 200           | 10 → 200           | 20 → 200  | 130              | 200 A @ 20%             | 75                 |                    | 15    | ■           | ■           | ■   | 0.6 + 1.0 | 0.9 + 1.2 | 1.6 + 5.0 | B  | 0.8/1.0 | 41 x 73 x 77   | 27           | 7.5 kW |
| Multi PEARL 211-4           | 110V 1~    | 32 | 10 → 130           | 10 → 160           | 20 → 150  | 100              | 150 A @ 22%             | 76                 |                    | 15    | ■           | ■           | ■   | 0.6 + 1.0 | 0.9 + 1.2 | 1.6 + 3.2 | B  | 0.8/1.0 | 41 x 73 x 77   | 27           | 7.5 kW |
|                             | 230V 1~    | 16 | 10 → 200           | 10 → 200           | 20 → 200  | 130              | 200 A @ 20%             | 75                 |                    | 15    | ■           | ■           | ■   | 0.6 + 1.0 | 0.9 + 1.2 | 1.6 + 5.0 | B  | 0.8/1.0 | 41 x 73 x 77   | 27           | 7.5 kW |

MULTIPEARL

MIG/MAG • INVERTER

47



Protected & compatible power generator (+/-15%)

46





# MIG/MAG INVERTER DIGITAL

**NEW**



Easy mode

Expert mode

### 10 languages

- French
- English
- German
- Italian
- Spanish
- Czech
- Dutch
- Russian
- Chinese
- Japanese

### MIG

|        |                   |
|--------|-------------------|
| MANUAL | STANDARD SYNERGIC |
| SPOT   | SPOT DELAY        |

### TIG

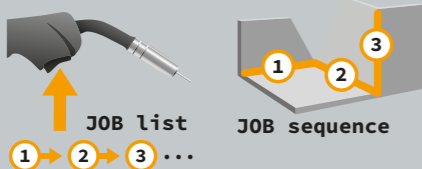
|          |            |
|----------|------------|
| STANDARD | PULSE      |
| SPOT     | SPOT PULSE |

### MMA

|          |       |
|----------|-------|
| STANDARD | PULSE |
|----------|-------|

### MANUAL

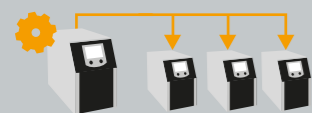
QUICK LOAD



### CONNECTIVITY

#### PORTABILITY

Share configuration & jobs



#### SOFTWARE UPDATE

Kronos evolutions



|           |     |        |
|-----------|-----|--------|
| 4<br>in 1 | GAS | NO GAS |
|           | TIG | MMA    |

**50 W**  
Speed control  
with tachymeter  
20 m/min max



### 230V • 1~

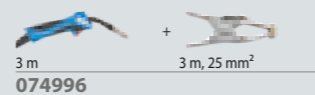
KRONOS 250M

**NEW**

230V • 1~

**250 A**

⊕ ⊖ ⌀ 200/300



### 400V • 3~

KRONOS 250T

**NEW**

400V • 3~

**250 A**

⊕ ⊖ ⌀ 200/300



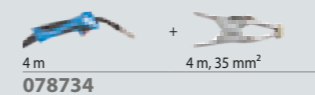
KRONOS 320T

**NEW**

400V • 3~

**320 A**

⊕ ⊖ ⌀ 200/300



KRONOS 400T Duo

**NEW**

400V • 3~

**400 A**

⊕ ⊖ ⌀ 200/300

no accessories:  
075337

KRONOS 400T W

**NEW**

400V • 3~

**400 A**

⊕ ⊖ ⌀ 200/300

no accessories:  
075511

| CE<br>NORM.<br>EN60974-1 | MADE IN FRANCE | 50/60 Hz | Norm | A  | min → max | EN60974-1 (40°C) |                         |       | U <sub>0</sub> (V) | Electronic Control | W    | m/min (max) | 200 mm 5 kg | 300 mm 15 kg | GAS       | NO GAS    | mm        | TYPE     | Cooling system | Protection    | cm / kg | kg           | Protected & compatible power generator (+/-15%) |              |
|--------------------------|----------------|----------|------|----|-----------|------------------|-------------------------|-------|--------------------|--------------------|------|-------------|-------------|--------------|-----------|-----------|-----------|----------|----------------|---------------|---------|--------------|---|--------------|
|                          |                |          |      |    |           | IA (60%)         | X% (I <sub>2</sub> max) | 100%  |                    |                    |      |             |             |              |           |           |           |          |                |               |         |              |   |              |
|                          |                | 230V 1~  | 5 m  | 16 | 15 → 250  | 150 A            | 20 %                    | 130 A | 76 V               | ⊕ ⊖                | 50 W | 20          | ■           | ■            | 0.8 → 1.2 | 0.9 → 1.6 | 0.8 / 1.0 | B-042360 | 1.0            | Air           | IP 23S  | 75 x 45 x 80 | 46  | 15 kW 18 kVA |
|                          |                | 400V 3~  | 5 m  | 16 | 15 → 250  | 200 A            | 35 %                    | 170 A | 69 V               | ⊕ ⊖                | 50 W | 20          | ■           | ■            | 0.8 → 1.2 | 0.9 → 1.6 | 1.0 / 1.2 | B-046849 | 1.0            | Air           | IP 23S  | 75 x 45 x 80 | 46  | 20 kW 24 kVA |
|                          |                | 400V 3~  | 5 m  | 16 | 15 → 320  | 240 A            | 35 %                    | 190 A | 69 V               | ⊕ ⊖                | 50 W | 20          | ■           | ■            | 0.8 → 1.2 | 0.9 → 1.6 | 1.0 / 1.2 | B-046849 | 1.2            | Air           | IP 23S  | 75 x 45 x 80 | 46  | 20 kW 24 kVA |
|                          |                | 400V 3~  | 5 m  | 32 | 15 → 400  | 300 A            | 35 %                    | 280 A | 66 V               | ⊕ ⊖                | 50 W | 20          | ■           | ■            | 0.8 → 1.2 | 0.9 → 1.6 | 1.0 / 1.2 | B-046849 | -              | Air           | IP 23S  | 90 x 55 x 67 | 55  | 25 kW 30 kVA |
|                          |                | 400V 3~  | 5 m  | 32 | 15 → 400  | 300 A            | 35 %                    | 280 A | 66 V               | ⊕ ⊖                | 50 W | 20          | ■           | ■            | 0.8 → 1.2 | 0.9 → 1.6 | 1.0 / 1.2 | B-046849 | -              | Liquid, 800 W | IP 23S  | 90 x 55 x 80 | 53  | 25 kW 30 kVA |

KRONOS  
MIG/MAG • INVERTER • DIGITAL

# MIG/MAG INVERTER

DIGITAL • 400 V • 3~

**NEW**

4  
in 1

**GAS**  
**NO GAS**  
TIG MMA



**POWER SOURCE • 400 V • 3~**

**DOUBLE • 400 V • 3~**

**KRONOS 400T G** **NEW**

400 V • 3~

**400 A**  $\oplus \ominus$  ⚡  $\varnothing$  200/300

no accessories:  
075054

**KRONOS 400T GW** **NEW**

400 V • 3~

**400 A**  $\oplus \ominus$  ⚡  $\varnothing$  200/300

no accessories:  
075061

**KRONOS 400T Duo** **NEW**

400 V • 3~

**400 A**  $\oplus \ominus$  ⚡  $\varnothing$  200/300

no accessories:  
075337



|  |                     |              |                     |
|--|---------------------|--------------|---------------------|
|  | <b>WF 35</b>        |              | <b>WF 50</b>        |
|  | 50 W                |              | 100 W               |
|  | Smart wire charge ✓ |              | Smart wire charge ✓ |
|  | 075078              |              | 075108              |
|  |                     |              |                     |
|  |                     | 3.5" display | 5" display          |



**KRONOS 400T W**

|                                       |                             |                             |                       |   |                                      |
|---------------------------------------|-----------------------------|-----------------------------|-----------------------|---|--------------------------------------|
|                                       |                             |                             |                       |   |                                      |
| <b>pack KRONOS 400T W 1</b><br>077744 | 500 A, 4m, liquid<br>041004 | —                           | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | Alu<br>—                             |
| <b>pack KRONOS 400T W 2</b><br>077751 | —                           | 500 A, 3m, liquid<br>046160 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 |

**KRONOS 400T G**

|                                       |                          |                          |                       |   |                                      |                              |                        |
|---------------------------------------|--------------------------|--------------------------|-----------------------|---|--------------------------------------|------------------------------|------------------------|
|                                       |                          |                          |                       |   |                                      |                              |                        |
| <b>pack KRONOS 400T G 1</b><br>077768 | 350 A, 4m, air<br>063792 | —                        | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | Alu<br>—                             | 5 m, Ø70 mm², air<br>075443  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T G 2</b><br>077775 | —                        | 350 A, 3m, air<br>063808 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | 5 m, Ø70 mm², air<br>075443  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T G 3</b><br>077782 | 350 A, 4m, air<br>063792 | —                        | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | —                                    | 10 m, Ø70 mm², air<br>075450 | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T G 4</b><br>077799 | —                        | 350 A, 3m, air<br>063808 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | 10 m, Ø70 mm², air<br>075450 | <b>WF 35</b><br>075078 |

**KRONOS 400T GW**

|  |                             |                             |                       |   |                                      |                                 |                        |
|--|-----------------------------|-----------------------------|-----------------------|---|--------------------------------------|---------------------------------|------------------------|
|  |                             |                             |                       |   |                                      |                                 |                        |
| <b>pack KRONOS 400T GW 1</b><br>077805 | 500 A, 4m, liquid<br>041004 | —                           | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | Alu<br>—                             | 5 m, Ø70 mm², liquid<br>075474  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T GW 2</b><br>077812 | —                           | 500 A, 3m, liquid<br>046160 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | 5 m, Ø70 mm², liquid<br>075474  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T GW 3</b><br>077829 | 500 A, 4m, liquid<br>041004 | —                           | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | —                                    | 10 m, Ø70 mm², liquid<br>075481 | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T GW 4</b><br>077836 | —                           | 500 A, 3m, liquid<br>046160 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | 10 m, Ø70 mm², liquid<br>075481 | <b>WF 35</b><br>075078 |

**KRONOS 400T Duo**

|   |                          |                          |                       |   |                                      |                              |                        |
|---|--------------------------|--------------------------|-----------------------|---|--------------------------------------|------------------------------|------------------------|
|   |                          |                          |                       |   |                                      |                              |                        |
| <b>pack KRONOS 400T Duo 1</b><br>077706 | 350 A, 4m, air<br>063792 | —                        | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | Alu<br>—                             | —                            | —                      |
| <b>pack KRONOS 400T Duo 2</b><br>077713 | —                        | 350 A, 3m, air<br>063808 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | —                            | —                      |
| <b>pack KRONOS 400T Duo 3</b><br>077720 | 350 A, 4m, air<br>063792 | 350 A, 3m, air<br>063808 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | 5 m, Ø70 mm², air<br>075443  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T Duo 4</b><br>077737 | 350 A, 4m, air<br>063792 | 350 A, 3m, air<br>063808 | 4 m, 50 mm²<br>047853 | Fe/CrNi<br>Ø1.0/1.2<br>(original equipment) | B-type, Alu, Ø1.0/1.2 (x2)<br>040915 | 10 m, Ø70 mm², air<br>075450 | <b>WF 35</b><br>075078 |

OPTIONS

Faisceaux de liaison - Connection cable - Zwischenschlauchpakete

**NEW**

| AIR COOLED    |        |        |
|---------------|--------|--------|
| 5 m           | 70 mm² | 075443 |
| 10 m          | 70 mm² | 075450 |
| 10 m          | 95 mm² | 077553 |
| LIQUID COOLED |        |        |
| 1.8 m         | 70 mm² | 075467 |
| 5 m           | 70 mm² | 075474 |
| 10 m          | 70 mm² | 075481 |
| 10 m          | 95 mm² | 075504 |



| EN60974-1 (40°C)       | 50/60 Hz | I <sub>A</sub> (60%) | X% (I <sub>2</sub> max) | 100%     | U <sub>o</sub> (V) | Electronic Control | W     | m/min (max) | 200 mm 5 kg | 300 mm 15 kg | Ø mm | GAS | NO GAS | Equipment d'origine Original equipment Originalausstattung Equipamiento de fabrica | mm        | TYPE      | Cooling system   | cm / kg | kg     | Protected & compatible power generator (+/-15%) |              |           |       |        |
|------------------------|----------|----------------------|-------------------------|----------|--------------------|--------------------|-------|-------------|-------------|--------------|------|-----|--------|--|-----------|-----------|------------------|---------|--------|---|--------------|-----------|-------|--------|
|                        |          |                      |                         |          |                    |                    |       |             |             |              |      |     |        |  |           |           |                  |         |        |   | Norm         | min → max | mm    |        |
| <b>KRONOS 400T Duo</b> | 400 V 3~ | 5 m                  | 32 A                    | 15 → 400 | 300 A              | 35%                | 280 A | 66 V        |             | 50 W         | 20   | ■   | ■      | 0.8 → 1.2  | 0.9 → 1.6 | 1.0 / 1.2 | <b>B</b> -046849 | ■       | ■ + WF | Air   | 90 x 55 x 67 | 55        | 25 kW | 30 kVA |
| <b>KRONOS 400T G</b>   | 400 V 3~ | 5 m                  | 32 A                    | 15 → 400 | 300 A              | 35%                | 280 A | 66 V        |             |              |      |     |        | —  |           |           |                  |         | ■ + WF | Air   | 90 x 55 x 67 | 68        | 25 kW | 30 kVA |
| <b>KRONOS 400T GW</b>  | 400 V 3~ | 5 m                  | 32 A                    | 15 → 400 | 300 A              | 35%                | 280 A | 66 V        |             |              |      |     |        | —  |           |           |                  |         | ■ + WF | Liquid, 800 W                                   | 90 x 55 x 80 | 70        | 25 kW | 30 kVA |
| <b>WF 35</b>           |          |                      |                         |          | 500 A              | 60%                |       |             |             | 50 W         | 20   | ■   | ■      | 0.8 → 1.2  | 0.9 → 1.6 | 1.0 / 1.2 | <b>B</b> -046849 |         | ■      | Air/Liquid                                      | 58 x 26 x 48 | 14        | —     | —      |
| <b>WF 50</b>           |          |                      |                         |          | 500 A              | 60%                |       |             |             | 100 W        | 20   | ■   | ■      | 0.8 → 1.6  | 0.9 → 2.4 | 1.0 / 1.2 | <b>F</b> -061873 |         | ■      | Air/Liquid                                      | 58 x 26 x 48 | 15        | —     | —      |



# 5" DIGITAL INTERFACE

**NEW**

## ACCESSIBILITY

- 2 interface levels
- 10 languages
- EASY**
  - French
  - English
  - German
  - Italian
  - Spanish
- EXPERT**
  - Czech
  - Dutch
  - Russian
  - Chinese
  - Japanese

Expert mode



## MIG

|        |                   |
|--------|-------------------|
| MANUAL | STANDARD SYNERGIC |
| SPOT   | SPOT DELAY        |

## TIG

|          |            |
|----------|------------|
| STANDARD | PULSE      |
| SPOT     | SPOT PULSE |

## MMA

|          |
|----------|
| STANDARD |
| PULSE    |

## MANUAL

**QUICK LOAD**

**JOB list**

**JOB sequence**

## AUTOMATION

**SAM** Automation module compatibility SAM-1N/1A MIG/GMAW (details p.61)

**AUTOMATE / ROBOT**

## GOUGING

|                   |
|-------------------|
| Ø 4 > 6.4 (400 G) |
| Ø 4 > 8 (500 G)   |

## CONNECTIVITY

**TRACEABILITY**  
History data export

**QMOS - WPQR**  
**DMOS - WPS**

**ENERGY CONTROL** : 20 kHz, kJ or kJ/cm

**PORTABILITY**  
Share configuration & jobs

**SOFTWARE UPDATE**  
Neopulse/Neomig-i evolutions

| NEOMIG-i 400 G                   |                             |                             |                                   |                                  |                                      |  |                 |                      |                              |
|----------------------------------|-----------------------------|-----------------------------|-----------------------------------|----------------------------------|--------------------------------------|--|-----------------|----------------------|------------------------------|
|                                  | Fe/CrNi                     | Alu                         |                                   | Fe/CrNi                          | Alu                                  |  |                 |                      |                              |
| pack NEOMIG-i 400 G W1<br>077843 | 500 A, 4m, liquid<br>041004 | —                           | 4 m, 70 mm <sup>2</sup><br>043831 | Ø1.0/1.2<br>(original equipment) | —                                    | 10 m, Ø70 mm <sup>2</sup> , liquid<br>075481 | WF 50<br>075108 | Koolweld 2<br>075115 | 10m <sup>3</sup> L<br>075498 |
| pack NEOMIG-i 400 G W2<br>077850 | —                           | 500 A, 3m, liquid<br>046160 | 4 m, 70 mm <sup>2</sup><br>043831 | Ø1.0/1.2<br>(original equipment) | F-type, Alu, Ø1.0/1.2 (x4)<br>061903 | 10 m, Ø70 mm <sup>2</sup> , liquid<br>075481 | WF 50<br>075108 | Koolweld 2<br>075115 | 10m <sup>3</sup> L<br>075498 |
| pack NEOMIG-i 400 G W3<br>077867 | 500 A, 4m, liquid<br>041004 | —                           | 4 m, 70 mm <sup>2</sup><br>043831 | Ø1.0/1.2<br>(original equipment) | —                                    | 10 m, Ø95 mm <sup>2</sup> , liquid<br>075504 | WF 50<br>075108 | Koolweld 2<br>075115 | 10m <sup>3</sup> L<br>075498 |
| pack NEOMIG-i 400 G W4<br>077874 | —                           | 500 A, 3m, liquid<br>046160 | 4 m, 70 mm <sup>2</sup><br>043831 | Ø1.0/1.2<br>(original equipment) | F-type, Alu, Ø1.0/1.2 (x4)<br>061903 | 10 m, Ø95 mm <sup>2</sup> , liquid<br>075504 | WF 50<br>075108 | Koolweld 2<br>075115 | 10m <sup>3</sup> L<br>075498 |
| NEOMIG-i 500 G                   |                             |                             |                                   |                                  |                                      |  |                 |                      |                              |
| pack NEOMIG-i 500 G W1<br>077881 | 500 A, 4m, liquid<br>041004 | —                           | 4 m, 70 mm <sup>2</sup><br>043831 | Ø1.0/1.2<br>(original equipment) | —                                    | 10 m, Ø95 mm <sup>2</sup> , liquid<br>075504 | WF 50<br>075108 | Koolweld 2<br>075115 | 10m <sup>3</sup> L<br>075498 |
| pack NEOMIG-i 500 G W2<br>077898 | —                           | 500 A, 3m, liquid<br>046160 | 4 m, 70 mm <sup>2</sup><br>043831 | Ø1.0/1.2<br>(original equipment) | F-type, Alu, Ø1.0/1.2 (x4)<br>061903 | 10 m, Ø95 mm <sup>2</sup> , liquid<br>075504 | WF 50<br>075108 | Koolweld 2<br>075115 | 10m <sup>3</sup> L<br>075498 |



# MIG/MAG INVERTER DIGITAL • 3~

**NEW**

### WIRE FEEDERS

Speed control with tachymeter  
20 m/min max

**WF 35**  
50 W  
Smart wire charge ✓  
075078

3.5" display

**WF 50**  
100 W  
Smart wire charge ✓  
Light ✨ ✓  
075108

5" display



IP 23 INDOOR / OUTDOOR

**NEOMIG-I 400 G** **NEW**  
**400 A** @ 100%  
no accessories/no trolley  
075085

**NEOMIG-I 500 G** **NEW**  
**500 A** @ 60%  
no accessories/no trolley  
075092

**OPTIONS**

Faisceaux de liaison - Connection cables - Zwischenschlauchpakete p. 50

**USB key**  
16 Go/GB  
062344

Pressure-regulator kit 5-30 L/min - Kit débitmètre 5-30 L/min for WF 35 / WF 50  
073395

**PUSH-PULL torch connection**  
for WF 50  
078741

**OPTION**  
Cooling unit 890 W, 5.5 L liquid not included  
**KOOLWELD 2**  
075115

**OPTION**  
Trolley  
**10m<sup>3</sup> L**  
075498  
Max 10m<sup>3</sup> (50L)

| EN60974-1             | MADE IN FRANCE | 50 / 60 Hz  | ↔   | A  | A        | min → max | EN60974-1 (40°C) MIG | I (60%) | X% (I2 max) | 100% | Uo     | PUSH/PULL | Electronic Control | W  | m/min (max) | 200 mm 5 kg | 300 mm 15 kg | Ø mm      | GAS       | NO GAS    | Equipment d'origine Original equipment Originalausstattung Equipamiento de fabrica | TYPE         | cm | kg    | Protected & compatible power generator (+/-15%) |
|-----------------------|----------------|-------------|-----|----|----------|-----------|----------------------|---------|-------------|------|--------|-----------|--------------------|----|-------------|-------------|--------------|-----------|-----------|-----------|--|--------------|----|-------|---|
|                       |                |             |     |    |          |           |                      |         |             |      |        |           |                    |    |             |             |              |           |           |           |  |              |    |       |   |
| <b>NEOMIG-I 400 G</b> |                | 400 V - 3 ~ | 5 m | 32 | 15 → 400 |           | 400 A                | 100 %   | 400 A       | 85 V |        |           |                    |    |             |             |              |           |           |           |  | 68 x 30 x 48 | 37 | 30 kW | 36 kVA  |
| <b>NEOMIG-I 500 G</b> |                | 400 V - 3 ~ | 5 m | 32 | 15 → 500 |           | 470 A                | 60 %    | 400 A       | 85 V |        |           |                    |    |             |             |              |           |           |           |  | 68 x 30 x 48 | 37 | 30 kW | 36 kVA  |
| <b>WF 50</b>          |                |             |     |    |          |           | 500 A                | 60 %    |             |      | OPTION |           | 100 W              | 20 |             |             |              | 0.8 → 1.6 | 0.9 → 2.4 | 1.0 / 1.2 | F-061873   | 58 x 26 x 48 | 15 |       |   |

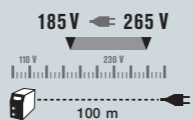


# MIG/MAG INVERTER PULSE

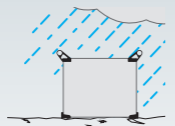


Youtube

**PFC** POWER FACTOR CORRECTION



**IP 23** INDOOR / OUTDOOR



NEOPULSE 320C, 400 CW & NEOFEED 4W

### OPTIONS

MIG Lift Compact (p.71) 046597

Support for MIG Lift Compact 072237



NEOFEED 4W

⌀ 200/300

014527

### AUTOMATION

**SAM** ✓

Neopulse 320 C, 400 CW, 400 G, 500 G  
Automation module compatibility  
SAM-1N/1A MIG/GMAW (details p.61)



AUTOMATE / ROBOT



**PFC**  
EN 61000-3-12  
POWER FACTOR CORRECTION

**PFC**  
EN 61000-3-12  
POWER FACTOR CORRECTION

35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm



**OPTION**  
Cooling unit WCU 1kW C  
1000W, 5.5 l  
liquid not included  
013537

35/70 mm<sup>2</sup>  
Ø 13 mm



**INCLUDED**  
Cooling unit  
1000W, 5.5 l  
liquid not included



**OPTION**  
Cooling unit 1000W, 5.5 l  
liquid not included

**NEOCOOL**  
032750

70/95 mm<sup>2</sup>  
Ø 13 mm

230 V • 1 ~

400 V • 3 ~

400 V • 3 ~ • POWER SOURCE

### NEOPULSE 220 C

**220 A** ⌀ 200

PFC AIR MMA TIG IP 23S

no accessories/no trolley  
061835

### NEOPULSE 220 C XL

**220 A** ⌀ 200/300

PFC AIR MMA TIG IP 23S

no accessories/no trolley  
061842

### NEOPULSE 320 C

**320 A** ⌀ 200/300

AIR MMA TIG W F IP 23

no accessories/no trolley  
062474

### NEOPULSE 400 CW

**400 A** ⌀ 200/300 **400 A @ 60%**

AIR LIQUID MMA TIG W F

GOUGING AD IP 23  
no accessories/no trolley  
062061

### NEOPULSE 400 G

**400 A @ 60%**

no accessories/no trolley  
014497

### NEOPULSE 500 G

**500 A @ 50%**

no accessories/no trolley  
014503

W F MMA TIG GOUGING IP 23

### OPTIONS

USB key  
16 Go/GB  
included

062344



Skate NEOPULSE  
320 C (+WCU)  
700 x 100 x 350 mm

037717



JOBSITE XL

600 x 1150 x 584 mm

039568



10m<sup>3</sup> T/M 400 A

113 x 54 x 115 mm

037328



Push Pull (24V/42V)

Connector 14pt, male  
047686

Connector 14pt, female  
064386



| 50/60 Hz | A | A | PUSH/PULL | I (60%) | X% (I2 max) | 100% | Uo | Electronic Control | m/min | GAS | NO GAS | 200 mm 5 kg | 300 mm 15 kg | Equipement d'origine<br>Original equipment<br>Equipamiento de fabrica | TYPE | cm | kg | Protected & compatible<br>power generator<br>(+/-15%) |
|----------|---|---|-----------|---------|-------------|------|----|--------------------|-------|-----|--------|-------------|--------------|---|------|----|----|---|
|----------|---|---|-----------|---------|-------------|------|----|--------------------|-------|-----|--------|-------------|--------------|---|------|----|----|---|

|                   |             |    |        |        |       |     |       |     |    |         |         |  |  |                           |            |          |    |        |
|-------------------|-------------|----|--------|--------|-------|-----|-------|-----|----|---------|---------|--|--|---------------------------|------------|----------|----|--------|
| NEOPULSE 220 C    | 200+240V-1~ | 16 | 10+220 | 24V    | 150 A | 20% | 130 A | 80V | 20 | 0.6+1.2 | 0.9+1.2 |  |  | acier-steel<br>0.8/1.0 mm | B          | 55x41x32 | 28 | 7.5 kW |
| NEOPULSE 220 C XL | 200+240V-1~ | 16 | 10+220 | 24V    | 150 A | 20% | 130 A | 80V | 20 | 0.6+1.2 | 0.9+1.2 |  |  | acier-steel<br>0.8/1.0 mm | B          | 32x49x60 | 30 | 7.5 kW |
| NEOPULSE 320 C    | 400V-3~     | 25 | 10+320 | 24/42V | 300 A | 40% | 280 A | 85V | 22 | 0.6+1.2 | 0.9+1.6 |  |  | acier-steel<br>1/1.2 mm   | F (061873) | 30x68x55 | 37 | 13 kW  |
| NEOPULSE 400 CW   | 400V-3~     | 32 | 10+400 | 24/42V | 400 A | 60% | 360 A | 85V | 22 | 0.6+1.6 | 0.9+2.4 |  |  | acier-steel<br>1/1.2 mm   | F (061873) | 96x51x85 | 78 | 20 kW  |
| NEOPULSE 400 G    | 400V-3~     | 32 | 10+400 | —      | 400 A | 60% | 360 A | 85V |    |         |         |  |  |                           |            | 68x30x42 | 31 | 20 kW  |
| NEOPULSE 500 G    | 400V-3~     | 32 | 10+500 | —      | 470 A | 50% | 440 A | 85V |    |         |         |  |  |                           |            | 68x30x42 | 32 | 25 kW  |

**WF** MIG WIRE FEEDER

- ✓ NEOPULSE 320C
- ✓ NEOPULSE 400 CW
- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G

**NEOFEED 4W**

- AIR
- LIQUID**
- IP 23
- PUSH PULL COMPATIBILITY 24/42V**



connection cable not included  
014527

|                  |           |                    |       |         |                     |              |          |  |      |              |      |
|------------------|-----------|--------------------|-------|---------|---------------------|--------------|----------|--|------|--------------|------|
| EN60974-1 (40°C) |           |                    |       |         |                     |              |          |  |      |              |      |
| IA 60%           | X% I2 max | Electronic Control | m/min | 200 300 | GAS NO GAS          | Ø mm         | Ø mm     | Equipment d'origine - Original equipment - Originalausstattung - Equipamiento de fabrica | TYPE | cm           | kg   |
| 500              | 60        |                    | 22    | ■ ■     | 0.6 + 1.6 0.9 + 2.4 | 1.0 / 1.2 mm | F-061873 |  |      | 70 x 51 x 38 | 20.5 |

**OPTIONS**

| CONNECTION CABLES |              | AIR COOLED | LIQUID COOLED |
|-------------------|--------------|------------|---------------|
|                   | 1.8 m 70 mm² | 071780     | 037243        |
|                   | 5 m 70 mm²   | 047587     | 047617        |
|                   | 10 m 70 mm²  | 047594     | 047624        |
|                   | 10 m 95 mm²  | 047600     | 047631        |
|                   | 15 m 95 mm²  | 038349     | 038448        |
|                   | 20 m 95 mm²  | 038431     | 038455        |

**ROLLERS**  
047020

**SKIS**  
047037

**REMOTE CONTROL**

- ✓ NEOPULSE 320C
- ✓ NEOPULSE 400 CW
- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G
- ✓ NEOFEEED 4W

**RC-HD2**

- SOFTWARE UPDATE**
- command cable not included  
062122



included fixation

**Command cable**

|       |        |
|-------|--------|
| 2.8 m | 063907 |
| 6 m   | 063914 |
| 11 m  | 036925 |

10 pts, male 064355

10 pts, female 064362

**OPTIONS**

**MAGNETFIX 50**  
029637

**Fixing kit 2 for trolley T/M 400A**  
037779

**NEOPULSE 320C & 400CW CONFIGURATION 1**

RC-HD2

Connection kit

NUM-1 063938

**CONFIGURATION 2**

OPTION RC-HD2

Connection kit

NUM-1 063938

**NEOPULSE 400G & 500G CONFIGURATION 1**

OPTION RC-HD2

No connection kit

**CONFIGURATION 2**

RC-HD2

Connection kit

NUM-1 063938

**EXTEND PRODUCTIVITY**

**x2 DOUBLE WIRE FEEDER**

- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G



**DOUBLE WIRE FEEDER OPTIONS**

**Fixation kit for trolley T/M 400A**  
064690

**TWINCOOL**  
Cooling unit 1000 W, 5.5 L liquid not included  
065086

**NEOPULSE 400G & 500G CONFIGURATION 1**

OPTION RC-HD2

Connection kit

NUM-2 064942

**CONFIGURATION 2**

Connection kit

NUM-2 064942

+ NUM MIG 1 062993

+ NUM-1 063938

RC-HD2

**OPTIONS**

**RC-HA2**  
10m 047679

**Skate for NEOPULSE 320C + WCU**  
037717

**Trolley - T/M 400 for NEOPULSE 320C, 400G & 500G**  
± 1105 x 1135 x 540 mm 037328

**Filter kit**  
063143

**Pressure-regulator kit 5-30 L/min - Kit débitmètre 5-30 L/min**  
073395

- ✓ NEOFEEED 4W
- ✓ NEOPULSE 320 C
- ✓ NEOPULSE 400 CW

**Push Pull (24V/42V)**  
047686

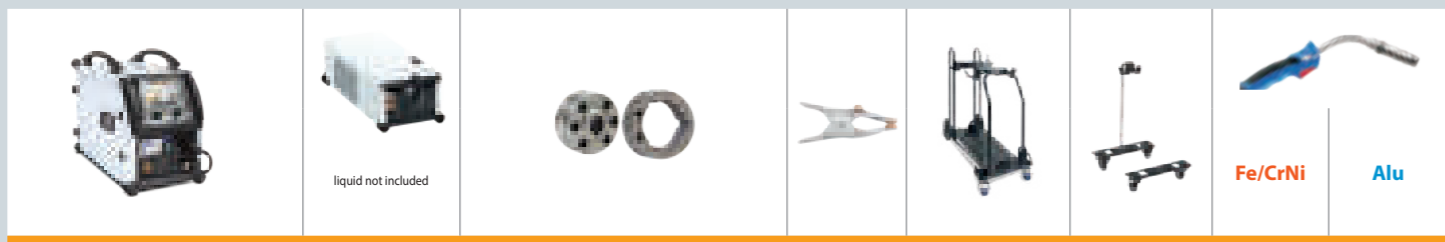
Connector 14pt, male 047686

Connector 14pt, female 064386

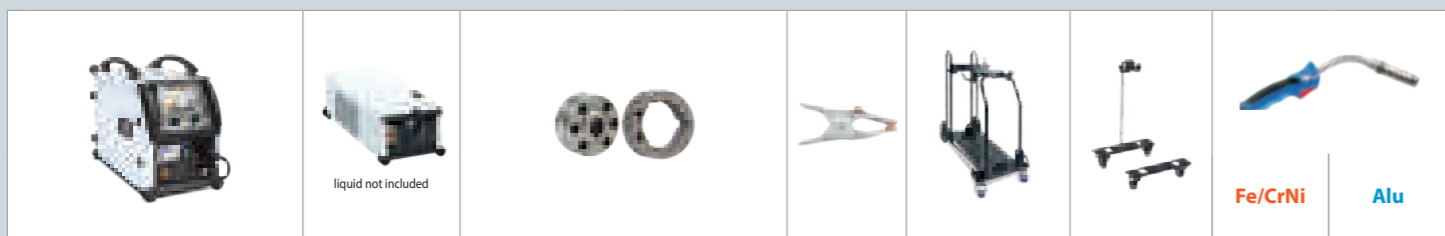
**USB key**  
16 Go/GB included 062344

**Cooling liquid (not included)**  
5L 062511

10L 052246



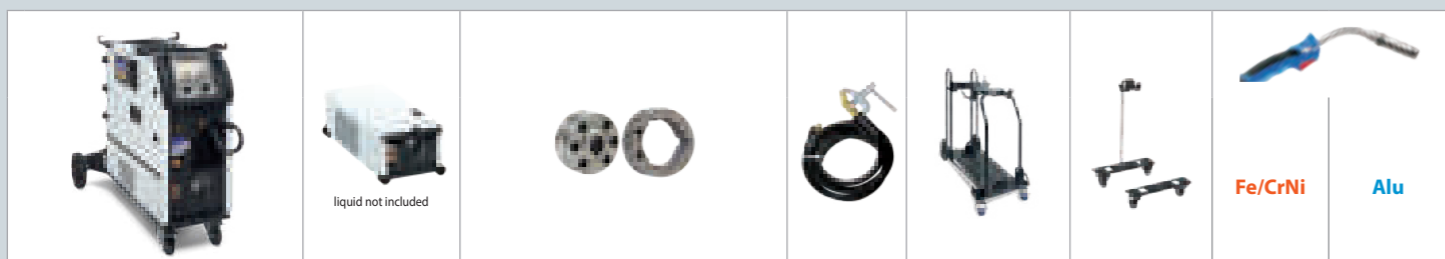
| NEOPULSE 220C                          |  |  |  |                                     |                                   |  |                           |                           |  |  |
|--|--|--|--|-------------------------------------|-----------------------------------|--|---------------------------|---------------------------|--|--|
| <b>pack NEOPULSE 220C A1</b><br>062801 |  |  | TYPE B, Ø 0.8/1 (x2)<br>(Original Equipment) | 4 m, 35 mm <sup>2</sup><br>043817   |                                   |  | 250 A, 3 m, air<br>040700 |                           |  |  |
| <b>pack NEOPULSE 220C A2</b><br>062818 |  |  | TYPE B, Ø 0.8/1 (x2)<br>(Original Equipment) | TYPE B, Alu, Ø 1/1.2 (x2)<br>040915 | 4 m, 35 mm <sup>2</sup><br>043817 |  |                           | 250 A, 3 m, air<br>040724 |  |  |



| NEOPULSE 220C XL                          |  |  |  |                                     |                                   |  |                           |                           |  |  |
|---|--|--|--|-------------------------------------|-----------------------------------|--|---------------------------|---------------------------|--|--|
| <b>pack NEOPULSE 220C XL A1</b><br>062825 |  |  | TYPE B, Ø 0.8/1 (x2)<br>(Original Equipment) | 4 m, 35 mm <sup>2</sup><br>043817   |                                   |  | 250 A, 4 m, air<br>040922 |                           |  |  |
| <b>pack NEOPULSE 220C XL A2</b><br>062832 |  |  | TYPE B, Ø 0.8/1 (x2)<br>(Original Equipment) | TYPE B, Alu, Ø 1/1.2 (x2)<br>040915 | 4 m, 35 mm <sup>2</sup><br>043817 |  |                           | 250 A, 3 m, air<br>040724 |  |  |



| NEOPULSE 320C                          |                     |  |  |                                     |                                  |                   |                           |                              |  |                              |
|--|---------------------|--|--|-------------------------------------|----------------------------------|-------------------|---------------------------|------------------------------|--|------------------------------|
| <b>pack NEOPULSE 320C A1</b><br>062849 |                     |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>036994    |                                  |                   | 350 A, 4 m, air<br>040946 |                              |  |                              |
| <b>pack NEOPULSE 320C A2</b><br>062856 |                     |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu, Ø 1/1.2 (x4)<br>061903 | 4m, 70 mm <sup>2</sup><br>036994 |                   |                           | 350 A, 3 m, air<br>040731    |  |                              |
| <b>pack NEOPULSE 320C W1</b><br>062863 | WCU 1kW C<br>013537 |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>036994    |                                  | T/M 400<br>037328 |                           | 300 A, 4 m, liquid<br>043275 |  |                              |
| <b>pack NEOPULSE 320C W2</b><br>062870 | WCU 1kW C<br>013537 |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu, Ø 1/1.2 (x4)<br>061903 | 4m, 70 mm <sup>2</sup><br>036994 |                   | T/M 400<br>037328         |                              |  | 300 A, 3 m, liquid<br>040748 |
| <b>pack NEOPULSE 320C W3</b><br>063402 | WCU 1kW C<br>013537 |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu, Ø 1/1.2 (x4)<br>061903 | 4m, 70 mm <sup>2</sup><br>036994 |                   | Skate<br>037717           |                              |  | 300 A, 3 m, liquid<br>040748 |



| NEOPULSE 400CW                         |  |  |                                     |  |                                  |  |  |                              |  |                              |
|--|--|--|-------------------------------------|--|----------------------------------|--|--|------------------------------|--|------------------------------|
| <b>pack NEOPULSE 400CW 1</b><br>071483 |  |  |                                     |  | 4m, 70 mm <sup>2</sup><br>043831 |  |  | 500 A, 4 m, liquid<br>041004 |  |                              |
| <b>pack NEOPULSE 400CW 2</b><br>071490 |  |  | TYPE F, Alu, Ø 1/1.2 (x4)<br>061903 |  | 4m, 70 mm <sup>2</sup><br>043831 |  |  |                              |  | 500 A, 3 m, liquid<br>046160 |



| NEOPULSE 400G                          |                            |                         |                             |  |   |  |  |                                       |                                  |                   |
|--|----------------------------|-------------------------|-----------------------------|--|---|--|--|---------------------------------------|----------------------------------|-------------------|
| <b>pack NEOPULSE 400G A1</b><br>062887 | NEOFEED 4W<br>014527       |                         |                             |  | 5 m, air,<br>ø 70 mm <sup>2</sup><br>047587           |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment)   | 4m, 70 mm <sup>2</sup><br>043831      |                                  | T/M 400<br>037328 |
| <b>pack NEOPULSE 400G W1</b><br>062894 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631       |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment)   | 4m, 70 mm <sup>2</sup><br>043831      |                                  | T/M 400<br>037328 |
| <b>pack NEOPULSE 400G W2</b><br>062900 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631       |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 70 mm <sup>2</sup><br>043831 |                   |
| <b>pack NEOPULSE 400G W3</b><br>066533 | x2<br>NEOFEED 4W<br>014527 |                         | TWINCOOL<br>1000W<br>065086 |  | x2<br>10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631 |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 70 mm <sup>2</sup><br>043831 |                   |
| <b>pack NEOPULSE 400G W4</b><br>066540 | x2<br>NEOFEED 4W<br>014527 | x2<br>Rollers<br>047020 | TWINCOOL<br>1000W<br>065086 |  | x2<br>10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631 |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 70 mm <sup>2</sup><br>043831 |                   |
| <b>pack NEOPULSE 400G W5</b><br>072718 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 70 mm <sup>2</sup><br>047624       |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment)   |                                       |                                  | T/M 400<br>037328 |
| <b>pack NEOPULSE 400G W6</b><br>072725 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 70 mm <sup>2</sup><br>047624       |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment)   |                                       | 4m, 50 mm <sup>2</sup><br>047853 | T/M 400<br>037328 |
| <b>pack NEOPULSE 400G W7</b><br>072732 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 70 mm <sup>2</sup><br>047624       |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 50 mm <sup>2</sup><br>047853 | T/M 400<br>037328 |



| NEOPULSE 500G                          |                            |                         |                             |  |   |  |  |                                       |                                  |                   |
|--|----------------------------|-------------------------|-----------------------------|--|---|--|--|---------------------------------------|----------------------------------|-------------------|
| <b>pack NEOPULSE 500G A1</b><br>062917 | NEOFEED 4W<br>014527       |                         |                             |  | 10 m, air,<br>ø 95 mm <sup>2</sup><br>047600          |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment)   |                                       | 4m, 95 mm <sup>2</sup><br>047013 | T/M 400<br>037328 |
| <b>pack NEOPULSE 500G W1</b><br>062924 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631       |  | TYPE F, Ø 1/1.2 (x4)<br>(Original Equipment)   |                                       | 4m, 95 mm <sup>2</sup><br>047013 | T/M 400<br>037328 |
| <b>pack NEOPULSE 500G W2</b><br>062931 | NEOFEED 4W<br>014527       |                         | NEOCOOL<br>1000W<br>032750  |  | 10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631       |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 95 mm <sup>2</sup><br>047013 | T/M 400<br>037328 |
| <b>pack NEOPULSE 500G W3</b><br>066557 | x2<br>NEOFEED 4W<br>014527 |                         | TWINCOOL<br>1000W<br>065086 |  | x2<br>10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631 |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 95 mm <sup>2</sup><br>047013 | T/M 400<br>037328 |
| <b>pack NEOPULSE 500G W4</b><br>066564 | x2<br>NEOFEED 4W<br>014527 | x2<br>Rollers<br>047020 | TWINCOOL<br>1000W<br>065086 |  | x2<br>10 m, liquid,<br>ø 95 mm <sup>2</sup><br>047631 |  | TYPE F<br>Ø 1/1.2 (x4)<br>(Original Equipment) | TYPE F, Alu<br>Ø 1/1.2 (x4)<br>061903 | 4m, 95 mm <sup>2</sup><br>047013 |                   |



# INTEGRATION



## ONLINE CONFIGURATION GUIDE

[www.gys.fr](http://www.gys.fr)

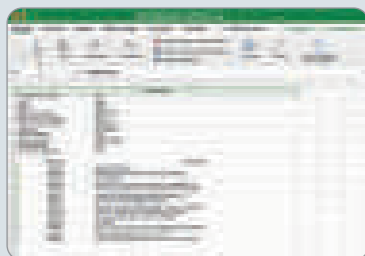
|                            | I (100%) | Integrated wirefeeder | SAM-1A (Analogic/Digital) | SAM-1N (Numerical) |
|----------------------------|----------|-----------------------|---------------------------|--------------------|
| <b>MIG/MAG - GMAW/FCAW</b> |          |                       |                           |                    |
| NEOPULSE 320 C             | 280 A    | ✓                     | ✓                         | ✓                  |
| NEOPULSE 400 CW            | 360 A    | ✓                     | ✓                         | ✓                  |
| NEOPULSE 400 G             | 360 A    | -                     | ✓                         | ✓                  |
| NEOPULSE 500 G             | 440 A    | -                     | ✓                         | ✓                  |
| EXAGON 400 FLEX CC/CV      | 350 A    | -                     | ✓                         | ✓                  |
| <b>TIG - GTAW</b>          |          |                       |                           |                    |
| TITAN 400 DC               | 360 A    | -                     | ✓                         | ✓                  |
| TITANIUM 230 AC/DC         | 170 A    | -                     | -                         | ✓                  |
| TITANIUM 400 AC/DC         | 360 A    | -                     | ✓                         | ✓                  |

| ROBOT       | COBOT               | PLC                    |
|-------------|---------------------|------------------------|
| ABB ✓✓      | DOOSAN ✓✓           | BECKHOFF ✓✓            |
| FANUC ✓✓    | HANWHA ✓✓           | PROFACE ✓✓             |
| KAWASAKI ✓✓ | JAKA ✓✓             | ROCKWELL AUTOMATION ✓✓ |
| KUKA ✓✓     | OMRON ✓✓            | SCHNEIDER ELECTRIC ✓✓  |
| STÄUBLI ✓✓  | TECHMEN ROBOT ✓✓    | SIEMENS ✓✓             |
| YASKAWA ✓✓  | UNIVERSAL ROBOTS ✓✓ | UNITRONICS ✓✓          |
| ...         | ...                 | WAGO ✓✓                |

Complete with -  
Completez avec



=



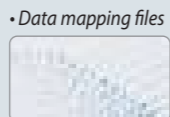
### Complete configuration

A summary of the requested set-up configuration as an **Excel** file along with a list of the GYS equipments needed to automate it.  
- Récapitulatif de la configuration souhaitée au format **Excel** avec les équipements GYS nécessaires à l'automatisation.



### Back-End

Zip file with :  
• 3D models (.step)  
• IP configuration  
• Software  
• Electronic files



### Front-End

User interfaces :  
• URcap software  
• More on demand...



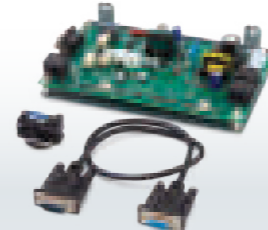
# AUTOMATION MODULE



POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



## 1 MACHINE CONNECTIVITY KITS



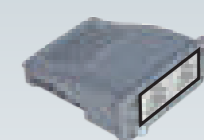
**KIT NUM TIG/GTAW 1**  
for TITAN 400 DC & TITANIUM 400 AC/DC  
037960

**KIT NUM MIG/GMAW 1**  
for NEOPULSE 320C, 400 CW, 400G & 500G  
062993

## 2 SMART AUTOMATION MODULE SAM 1N 064935

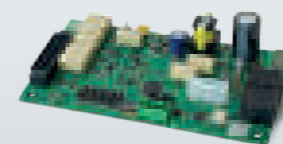


## 3 ANYBUS CONNECTORS



|             |        |
|-------------|--------|
| Ethernet IP | 062078 |
| Profnet     | 062085 |
| Modbus TCP  | 063013 |
| Devicenet   | 062092 |
| Can Open    | 062108 |
| Ethercat    | 063006 |

## 1 SMART AUTOMATION MODULE SAM 1A 071940



Analogic / Digital



8 inputs  
7 outputs  
Integrated SAFETY function  
3 modes :  
Job, Manual, Tracking

POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



# ROBOTIC WIRE FEEDER



POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



## 4 SMARTFEED M-4 066618

IP 21 MOTOR 115 W



Front view

## 4 NEW SMARTFEED MB-PP 073647

IP 21 BRUSHLESS MOTOR 100 W



Front view



| EN60974-1 (40°C) | Electronic Control | Equipement d'origine - Original equipment - Originalausstattung - Equipamiento de fabrica | TYPE     | m/min  | PUSH-PULL | Ø mm      | cm               | kg  |
|------------------|--------------------|---|----------|--------|-----------|-----------|------------------|-----|
| IA 60%           | X% I2 max          | ⊗   | F-061873 | 1 → 25 | ■         | 0.6 → 1.6 | 24.5 × 15 × 21.5 | 4.5 |

### Options Robotic MIG connection cables

Liquid, 4 m, Ø 95mm<sup>2</sup>  
073517  
Liquid, 8 m, Ø 95mm<sup>2</sup>  
069725  
Liquid, 12 m, Ø 95mm<sup>2</sup>  
078581



Kit n°20 Cable guide 075429



Kit n°21 Cable fixation 077324



Command cable, 4 m 073524  
Command cable, 8 m 073531



### Smartfeed support for ROBOT kits

|         |        |            |
|---------|--------|------------|
| Kit n°1 | 070707 | ✓ ABB      |
| Kit n°2 | 071445 | ✓ FANUC    |
| Kit n°3 | 071452 | ✓ KAWASAKI |
| Kit n°4 | 071469 | ✓ KUKA     |
| ...     | ...    | ✓ YASKAWA  |

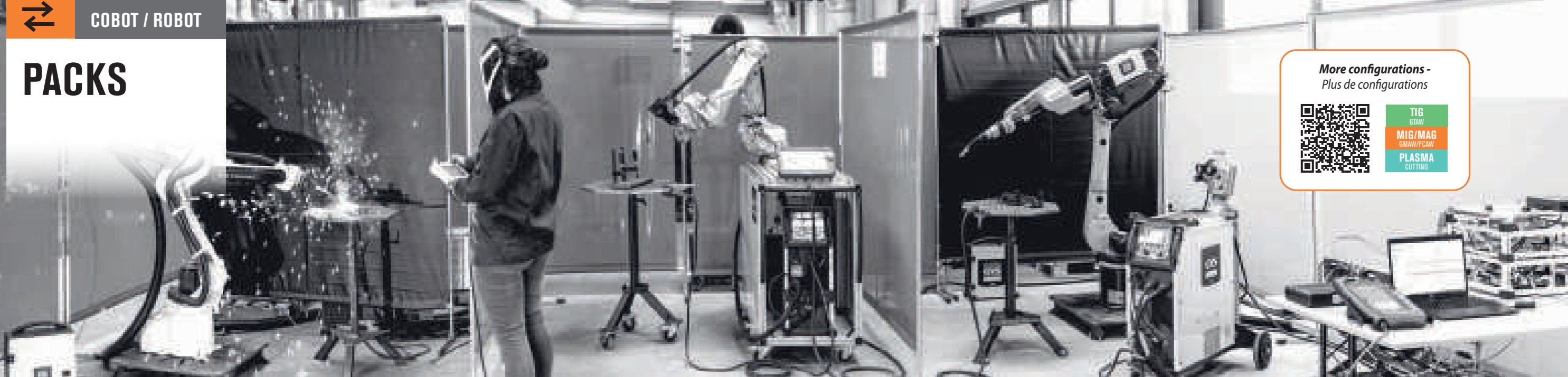
MORE COMING SOON

Compatibilities on demand -  
Compatibilités sur demande -  
Kompatibilitäten auf Anfrage





# PACKS



More configurations - Plus de configurations

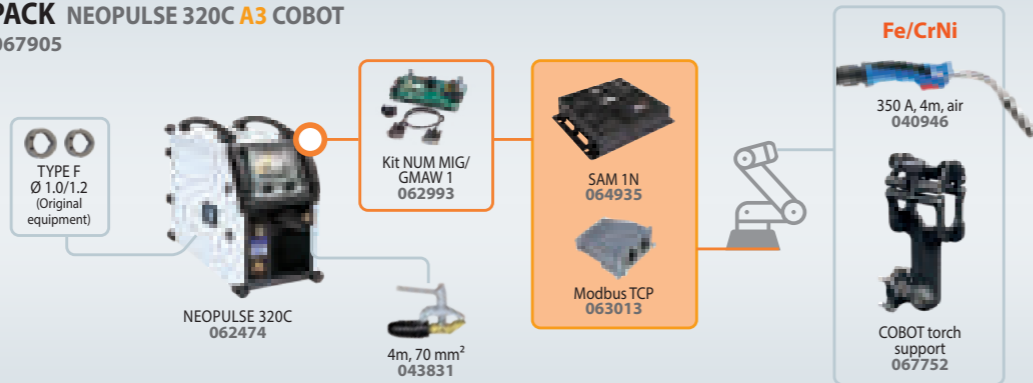
- TIG GTAW
- MIG/MAG GMAW/FCAW
- PLASMA CUTTING

## COBOT

- ✓ DOOSAN
- ✓ HANWHA
- ✓ OMRON
- ✓ TECHMAN
- ✓ UNIVERSAL ROBOT

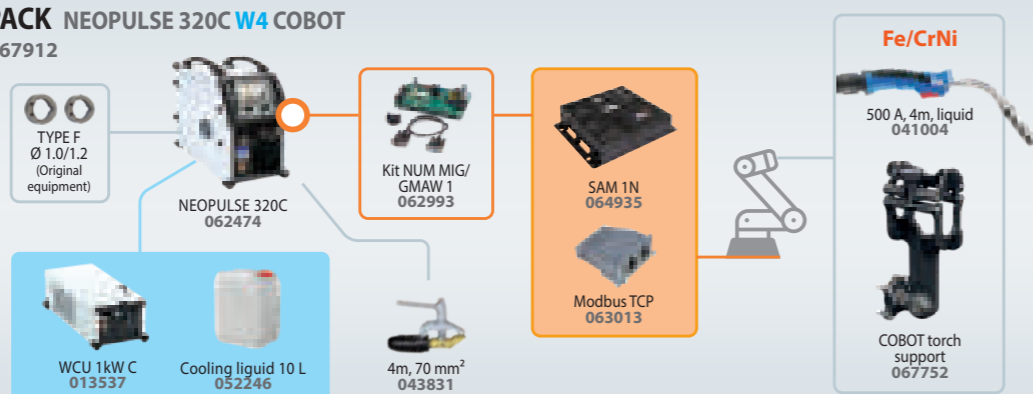
### PACK NEOPULSE 320C A3 COBOT

067905



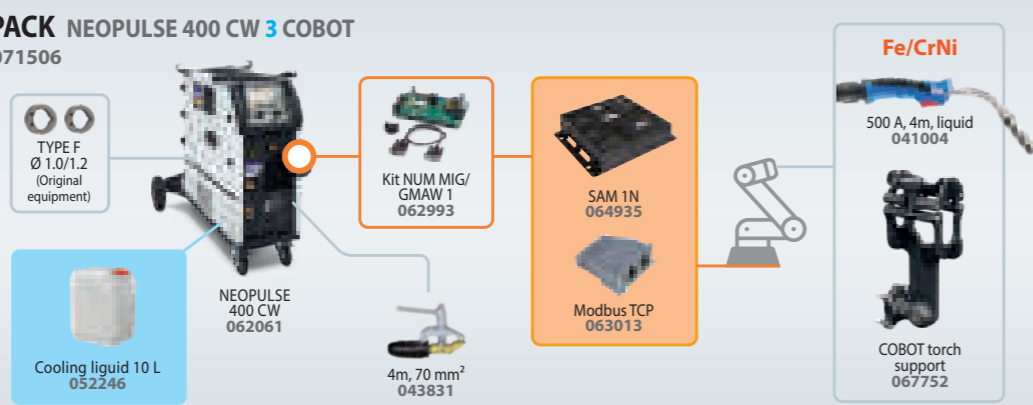
### PACK NEOPULSE 320C W4 COBOT

067912



### PACK NEOPULSE 400 CW 3 COBOT

071506



## ROBOT

- ✓ ABB
- ✓ FANUC
- ✓ KAWASAKI
- ✓ KUKA
- ✓ STÄUBLI
- ✓ YASKAWA

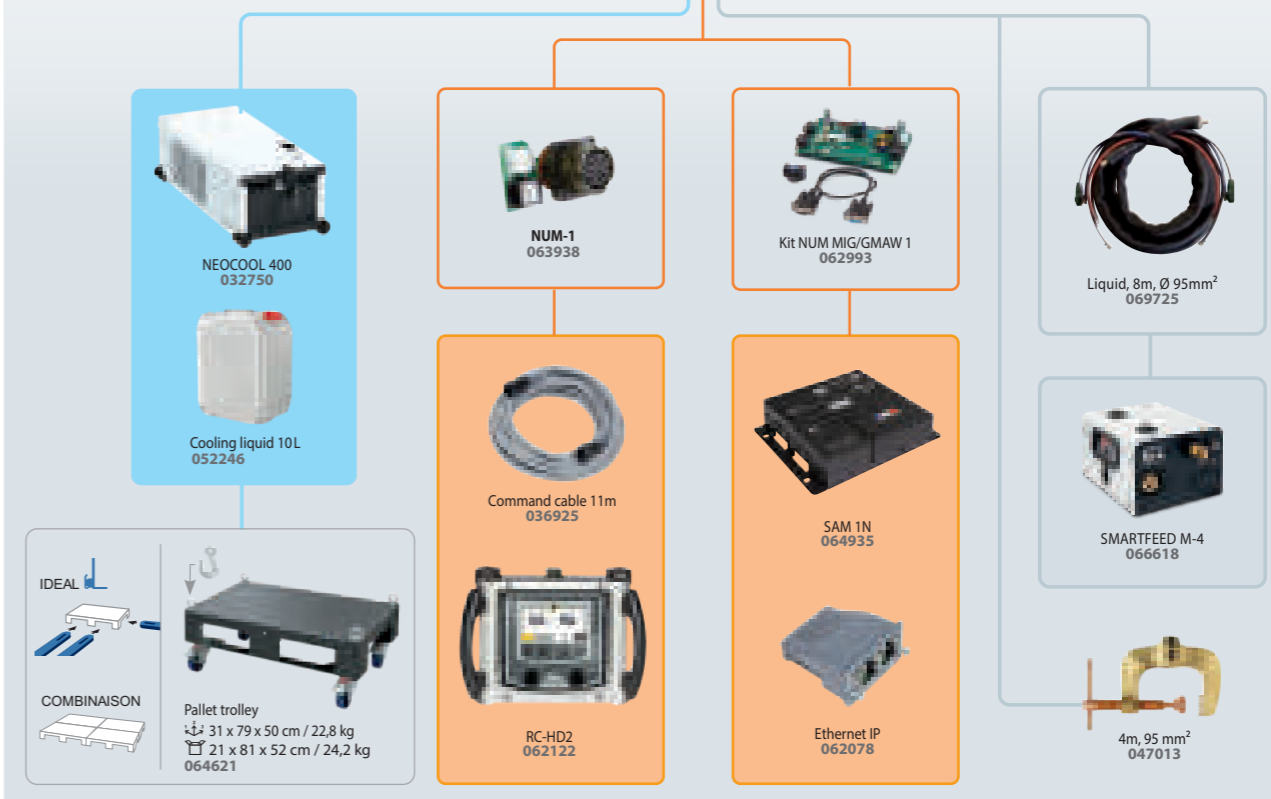
### PACK 1 NEOPULSE 400G ETHERNET IP

071575



### PACK 2 NEOPULSE 500G ETHERNET IP

071582







EXAGON

# MIG/MAG MULTIPROCESS INVERTER CC/CV



VRD inside Voltage Reduction Device

MEMORY : 50 MMA JOBS + 50 TIG JOBS

QUICK ACCESS  
Program charge mode easy

EASY USB UPDATE  
DIRECT COMPUTER



V/A control Arcforce/Inductance control SECURITY Lock/Unlock parameters Remote control



IP 23

INDOOR /  
OUTDOOR



65

EXAGON

MULTIPROCESS INVERTER CC/CV

### 3 COMBINATIONS Complete packs & details - p.66/67

5 MIG Wire feeder

6 MIG Portable feeder

7 TIG HF



Exafeed 4L 032408

Trolley T/M 400A 037328

Exacool 1000W 032422



Nomadfeed 425-4 CC/CV 036291

Jobsite XL 039568



Exatig HF 013780



EXAGON 400 CC/CV

400 V • 3 ~

400 A

400A  
60 %

no accessories  
010925

## 7 in 1

- 1 MMA
- 2 MMA • PULSE  
Kits MMA p. 14
- 3 TIG DC LIFT  
Torches & consumables p. 31
- 4 GOUGING  
Accessories p. 15
- 5 MIG Wire feeder  
EXAFEED 4L
- 6 MIG Portable feeder  
NOMADFEED 425-4 CC/CV
- 7 TIG HF  
EXATIG



70/95 mm<sup>2</sup>  
Ø 13 mm

# FLEX



EXAGON 400 FLEX CC/CV

208 + 525 V • 1 + 3 ~

400 A

400A  
60 %

no accessories  
069718

**NEW**  
2023

## 5 in 1

- 1 MMA
- 2 MMA • PULSE  
Kits MMA p. 14
- 3 TIG DC LIFT  
Torches & consumables p. 31
- 4 GOUGING  
Accessories p. 15
- 5 MIG Portable feeder  
NOMADFEED 425-4 CC/CV

### NOMADFEED COMBINATION Complete packs & details - p.66/67

6 MIG Portable feeder



Nomadfeed 425-4 CC/CV 036291

Trolley Jobsite XL 039568

### AUTOMATION

SAM Automation module compatibility SAM-1N/1A MIG/GMAW (details p.61)



PFC  
EN 61000-3-12  
POWER FACTOR CORRECTION



70/95 mm<sup>2</sup>  
Ø 13 mm

OPTIONS

Only for Exagon 400 CC/CV

EXACOOOL

LIQUID



1000 W,  
cooling unit (5.5l)  
liquid not included  
032422

Cooling liquid  
(not included)

5L  
062511

10L  
052246



Trolley  
T/M 400

1105x  
1135x540 mm  
037328



Jobsite XL

118x  
61x60 mm  
039568



Filter kit  
046580



REMOTE CONTROL  
RC-HA1

8 m 045675  
20 m 066625



| CE<br>NORM<br>EN60974-1 | MADE IN<br>FRANCE | ~           | 50 / 60 Hz | A        | INTEGRATED TECHNOLOGY |          |     |     |      |    |     |    |    |     |     | X <sup>2</sup> GYS<br>(20°C) | EN60974-1<br>(40°C) |          | U <sub>o</sub> | cm / kg | Protected & compatible<br>power generator<br>(+/-15%) |              |                |                 |       |                   |                   |        |             |             |          |          |          |              |              |       |       |       |      |                   |       |        |
|-------------------------|-------------------|-------------|------------|----------|-----------------------|----------|-----|-----|------|----|-----|----|----|-----|-----|------------------------------|---------------------|----------|----------------|---------|---|--------------|----------------|-----------------|-------|-------------------|-------------------|--------|-------------|-------------|----------|----------|----------|--------------|--------------|-------|-------|-------|------|-------------------|-------|--------|
|                         |                   |             |            |          | MMA                   | TIG      | MIG | PFC | FLEX | SR | VRD | HS | AF | CEL | ALU |                              | MMA PULSE           | TIG Lift |                |         |   | AD           | I <sub>1</sub> | X <sub>9%</sub> |       |                   |                   |        |             |             |          |          |          |              |              |       |       |       |      |                   |       |        |
| EXAGON 400 CC/CV        | 3                 | 400 V       | 32A        | 5 + 400  | 5 + 400               | 15 + 400 | -   | -   | ■    | ■  | ⚙   | ⚙  | ■  | ■   | ■   | ■                            | ■                   | ■        | ■              | ■       | ■   | 100% @ 350 A | 400 A          | 60%             | 350 A | 84 V              | 58 x 52 x 30 / 36 | 30 kW  | 36 kVA      |             |          |          |          |              |              |       |       |       |      |                   |       |        |
|                         |                   |             |            |          |                       |          |     |     |      |    |     |    |    |     |     |                              |                     |          |                |         |   |              |                |                 |       |                   |                   |        |             | 208 + 300 V | 63       | 15 + 270 | 10 + 270 | 10 + 270     | 100% @ 220 A | 270 A | 60%   | 220 A | 80 V | 66 x 52 x 30 / 36 | 30 kW | 36 kVA |
|                         |                   |             |            |          |                       |          |     |     |      |    |     |    |    |     |     |                              |                     |          |                |         |   |              |                |                 |       |                   |                   |        |             | 300 + 525 V | 32       | 15 + 400 | 10 + 400 | 10 + 400     | 100% @ 350 A | 400 A | 60%   | 350 A |      |                   |       |        |
| EXAGON 400 FLEX CC/CV   | 1                 | 208 + 300 V | 63         | 15 + 270 | 10 + 270              | 10 + 270 | ■   | ■   | ■    | ■  | ■   | ■  | ■  | ■   | ■   | ■                            | ■                   | ■        | ■              | ■       | 100% @ 350 A  | 400 A        | 60%            | 350 A           | 80 V  | 66 x 52 x 30 / 36 | 30 kW             | 36 kVA |             |             |          |          |          |              |              |       |       |       |      |                   |       |        |
|                         |                   |             |            |          |                       |          |     |     |      |    |     |    |    |     |     |                              |                     |          |                |         |   |              |                |                 |       |                   |                   |        | 300 + 525 V | 32          | 15 + 400 | 10 + 400 | 10 + 400 | 100% @ 350 A | 400 A        | 60%   | 350 A |       |      |                   |       |        |
|                         |                   |             |            |          |                       |          |     |     |      |    |     |    |    |     |     |                              |                     |          |                |         |   |              |                |                 |       |                   |                   |        | 208 + 300 V | 63          | 15 + 400 | 10 + 400 | 10 + 400 | 100% @ 350 A | 400 A        | 60%   | 350 A |       |      |                   |       |        |

64









# PLASMA CUTTING

25 · 40 A  
1~

EASYCUT / CUTTER

74

45 · 125 A  
1 & 3~

CUTTER / NEOCUT

76

ACCESSORIES

78

COMPLETE PACKS

79

TORCHES & CONSUMABLES

80



EASYCUT

PLASMA

# 25 → 40 A

1~

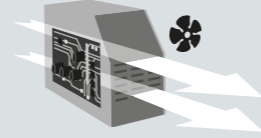


Youtube

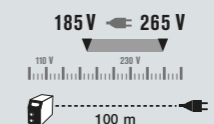
COMPRESSOR COMPRESSOR INSIDE



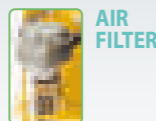
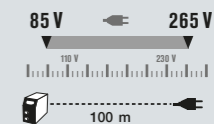
AD ANTI-DUST VENTILATION CORRIDOR



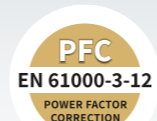
PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE

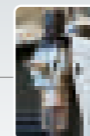


AIR FILTER

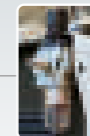


PFC EN 61000-3-12 POWER FACTOR CORRECTION

INCLUDED: 8mm



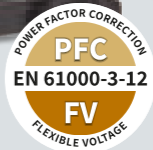
INCLUDED: 8mm



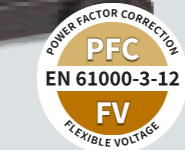
DIGITAL (PRESSURE SENSOR)

New design, new name CUTTER 30 FV > EASYCUT 30 FV

DIGITAL (PRESSURE SENSOR)



COMPRESSOR Compressor inside

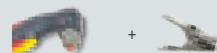


EASYCUT K25

230 V • 1 ~

25 A Fe 8 mm Al/CrNi 6 mm

P400 COMPRESSOR



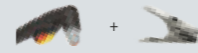
TPT 25, 4 m 068087 2 m, 10 mm²  
068063

EASYCUT K35F

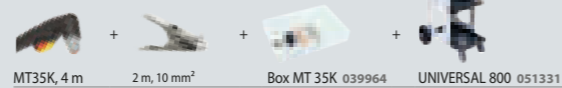
230 V • 1 ~

35 A Fe 15 mm Al/CrNi 10 mm

P400 PFC AD COMPRESSOR



MT35K, 4 m 2 m, 10 mm²  
031036

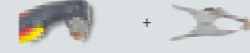


MT35K, 4 m 2 m, 10 mm² Box MT 35K 039964 UNIVERSAL 800 051331  
029804

EASYCUT 25

230 V • 1 ~

25 A Fe 8 mm Al/CrNi 6 mm



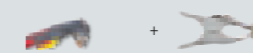
TPT 25, 4 m 068087 2 m, 10 mm²  
065543  
072046

CUTTER 30 FV

110 → 230 V • 1 ~

30 A Fe 15 mm Al/CrNi 10 mm

P400 PFC FV

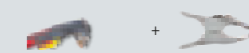


TPT 30, 4 m 060753 2 m, 10 mm²  
013858

EASYCUT 40

230 V • 1 ~

40 A Fe 18 mm Al/CrNi 15 mm



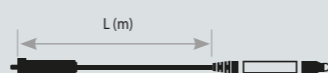
TPT 40, 4 m 060753 2 m, 10 mm²  
029743

OPTIONS



Torches

| Torches       | I (60%)    | I (100%) | L   | Consumables |
|---------------|------------|----------|-----|-------------|
| TPT 25 068087 | 25 A (30%) | 15 A     | 4 m | Included    |
| TPT 40 060753 | 40 A       | 32 A     | 4 m | Included    |



Consumables - Consumables

| Consumables | Quantity | Part Number | Quantity | Part Number | Quantity | Part Number | Quantity | Part Number | Box        | Part Number |
|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|------------|-------------|
| MT 25K      | x2       | 040175      | x10      | 040151      | x4       | 040182      | x4       | 040229      | Box MT 25K | 039971      |
| TPT 25      | x1       | 040175      | x3       | 040168      | x3       | 040212      | x1       | 040229      | Box TPT 25 | 070721      |
| MT 35K      | x1       | 040175      | x3       | 040168      | x3       | 040212      | x1       | 040229      | Box MT 35K | 039964      |
| TPT 40      | x1       | 040175      | x3       | 040168      | x3       | 040212      | x1       | 040236      | Box TPT 40 | 039957      |

| CE MARK | MADE IN FRANCE | EASYCUT MODEL                 | Voltage          | I <sub>2</sub> (A) | Cutting capabilities (mm) |                         |                |                     | INTEGRATED TECHNOLOGY | AIR SYSTEM |       |     | EN 60974-1 (40°C) |       |         | Weight (kg)       | Power (kW) | Power (kVA)  |            |              |                  |              |       |            |         |
|---------|----------------|-------------------------------|------------------|--------------------|---------------------------|-------------------------|----------------|---------------------|-----------------------|------------|-------|-----|-------------------|-------|---------|-------------------|------------|--------------|------------|--------------|------------------|--------------|-------|------------|---------|
|         |                |                               |                  |                    | Severance cut (Fe)        | Severance cut (Al/CrNi) | Clean cut (Fe) | Clean cut (Al/CrNi) |                       | min        | ideal | max | I 60%             | I 95% | I 100%  |                   |            |              |            |              |                  |              |       |            |         |
|         |                |                               |                  |                    |                           |                         |                |                     |                       |            |       |     |                   |       |         |                   |            |              | P400       | PFC          | FV               | AD           | IP21S | COMPRESSOR |         |
|         |                | EASYCUT K25                   | 230V1~           | 16                 | 10+25                     | 8                       | 6              | 6                   | 4                     | ■          | —     | —   | —                 | —     | —       | —                 | —          | —            | —          | —            |                  |              |       |            |         |
|         |                | EASYCUT K35F                  | 230V1~           | 16                 | 10+35                     | 15                      | 10             | 10                  | 8                     | ■          | ■     | ■   | ■                 | ■     | —       | —                 | —          | —            | —          | —            |                  |              |       |            |         |
|         |                | EASYCUT 25                    | 230V1~           | 16                 | 10+25                     | 8                       | 6              | 6                   | 4                     | —          | —     | —   | —                 | —     | 2.5 bar | 4.5 bar 115 L/min | 6.5 bar    | 15 A         | 30%        | 10 A         | 10/25 mm² 0.9 mm | 15 x 20 x 30 | 8     | —          | —       |
|         |                | CUTTER 30 FV<br>EASYCUT 30 FV | 230V1~<br>110V1~ | 16<br>32           | 10+30<br>10+30            | 15<br>10                | 10             | 10                  | 8                     | ■          | ■     | —   | —                 | —     | 2.5 bar | 5 bar 115 L/min   | 9 bar      | 23 A<br>19 A | 30%<br>25% | 20 A<br>15 A | 10/25 mm² 0.9 mm | 45 x 28 x 20 | 10.8  | 6.5 kW     | 7.5 kVA |
|         |                | EASYCUT 40                    | 230V1~           | 16                 | 10+40                     | 20                      | 15             | 15                  | 10                    | —          | —     | —   | —                 | —     | 2.5 bar | 4.5 bar 115 L/min | 6.5 bar    | 10 A         | 20%        | —            | 10/25 mm² 0.9 mm | 15 x 42 x 30 | 8     | —          | —       |

EASYCUT

PLASMA CUTTING • 1 ~

75



PLASMA CUTTING • 1 ~

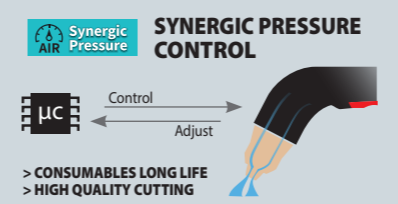
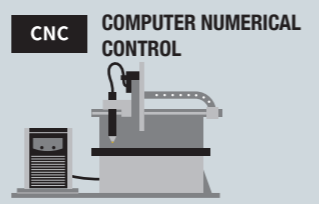
74

**CUTTER**

# PLASMA

## 45 → 125 A

1 & 3 ~



**6 modes :**

- Coupage / Cutting / Vollblech
- Coupage verrouillé / Locked cutting / Verriegelter Vollblech-Modus
- Gougeage / Gouging / Fugenhobeln
- Gougeage verrouillé / Locked gouging
- Grillage / Metal Mesh / Gitter
- Marquage / Marking

110 · 230 V · 1 ~

**CUTTER 45 CT**

110 → 230 V · 1 ~

**45 A** Fe 30 mm  
Al/CrNi 20 mm

P400 PFC FV GRID CUT AD IP 23

Option **CNC ANALOGIC**

2 m, 10 mm<sup>2</sup> TPT 40, 4 m 2 m, 10 mm<sup>2</sup>  
014787 013629

MT 70, 6 m 2 m, 10 mm<sup>2</sup> Box 20-50A 061613  
062962

400 V · 3 ~

**CUTTER 70 CT**

400 V · 3 ~

**70 A** Fe 35 mm  
Al/CrNi 25 mm

GRID CUT AD IP 23 GOUGING

Option **CNC ANALOGIC**

4 m, 10 mm<sup>2</sup>  
013636

MT 70, 6 m 4 m, 10 mm<sup>2</sup> + Starter Kit 70A  
013841

**NEOCUT 105**

400 V · 3 ~

**105 A** Fe 50 mm  
Al/CrNi 40 mm

GRID CUT Synergic AIR Pressure AD IP 23

MARKING GOUGING

Options **CNC ANALOGIC** **CNC DIGITAL** **CNC RETROFIT DIGITAL**

4 m, 16 mm<sup>2</sup>  
063044

MT 125, 6 m 4 m, 16 mm<sup>2</sup> + Starter Kit  
063112

**NEOCUT 125**

400 V · 3 ~

**125 A** Fe 57 mm  
Al/CrNi 55 mm

GRID CUT Synergic AIR Pressure AD IP 23

MARKING GOUGING

Options **CNC ANALOGIC** **CNC DIGITAL** **CNC RETROFIT DIGITAL**

4 m, 25 mm<sup>2</sup>  
067431

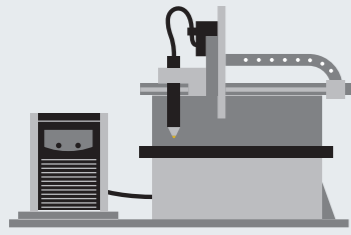
MT 125, 6 m 4 m, 25 mm<sup>2</sup> + Starter Kit  
067448

**Performances with torches "MT-AT"**

| mm           | mm      |   |   |       |       |       |       |       |       |       |       |       |  | 60 mm | Piercing - Perçage | Clean Cut Coupe Propre | Max Cut (Severance) Coupe Max (Séparation) |
|--------------|---------|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|-------|--------------------|------------------------|--|
|              | 0.5     | 2 | 6 | 10 mm | 15 mm | 18 mm | 20 mm | 25 mm | 30 mm | 40 mm | 50 mm | 55 mm |  |       |                    |                        |  |
| <b>45 A</b>  | Al/CrNi |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
|              | Fe      |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
| <b>70 A</b>  | Al/CrNi |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
|              | Fe      |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
| <b>85 A</b>  | Al/CrNi |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
|              | Fe      |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
| <b>105 A</b> | Al/CrNi |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
|              | Fe      |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
| <b>125 A</b> | Al/CrNi |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |
|              | Fe      |   |   |       |       |       |       |       |       |       |       |       |  |       |                    |                        |  |

| CE NORM EN60974-1   | MADE IN FRANCE | 50/60 Hz | A  | I <sub>2</sub> | mm                      |                        |                  |          |         |         | INTEGRATED TECHNOLOGY |    |      |          |     |     | AIR SYSTEM Pressure (bar) |       |        | EN 60974-1 (40°C)     |       |      | cm  | kg                    | Protected & compatible power generator (+/-15%) |    |         |          |
|---------------------|----------------|----------|----|----------------|-------------------------|------------------------|------------------|----------|---------|---------|-----------------------|----|------|----------|-----|-----|---------------------------|-------|--------|-----------------------|-------|------|-----|-----------------------|---|----|---------|----------|
|                     |                |          |    |                | Coupe max Severance cut | Coupe propre Clean cut | Perçage Piercing | Grid Cut | Marking | Gouging | Pressure Control      | AD | IP23 | CNC      | min | max | ideal                     | 100%  | IA 60% | X% I <sub>2</sub> max |       |      |     |                       |   |    |         |          |
| <b>CUTTER 45 CT</b> | TPT 40         | 230V 1~  | 16 | 15+45          | 20                      | 15                     | 15               | 10       | 8       | 6       |                       |    |      | Digital  |     |     |                           | 5 bar | 7 bar  | 5.2 bar               | 32 A  | 41 A | 50% | 10/25 mm <sup>2</sup> | 48 x 37 x 23                                    | 15 | 10.5 kW | 12.5 kVA |
|                     |                | 110V 1~  | 32 | 15+30          | 15                      | 10                     | 10               | 8        | —       | —       |                       |    |      |          |     |     |                           | 5 bar | 7 bar  | 115 L/min             | 17 A  | 21 A | 25% | Ø 9 mm                |   |    |         |          |
| <b>CUTTER 70 CT</b> | MT 70          | 230V 1~  | 32 | 15+45          | 30                      | 20                     | 25               | 15       | 12      | 10      |                       |    |      |          |     |     |                           | 5 bar | 7 bar  | 5.2 bar               | 32 A  | 41 A | 50% | 10/25 mm <sup>2</sup> | 52 x 40 x 26                                    | 22 | 15 kW   |          |
|                     |                | 110V 1~  | 32 | 15+30          | 15                      | 10                     | 10               | 8        | —       | —       |                       |    |      |          |     |     |                           | 5 bar | 7 bar  | 185 L/min             | 17 A  | 21 A | 25% | Ø 9 mm                |   |    |         |          |
| <b>NEOCUT 105</b>   |                | 400V 3~  | 32 | 20+105         | 50                      | 40                     | 35               | 30       | 20      | 18      |                       |    |      | Synergic |     |     |                           | 5     | 9      | 5.5 (305 L/min)       | 105 A | —    | 100 | 10/25 mm <sup>2</sup> | 58 x 52 x 30                                    | 33 | 30 kW   | 36 kVA   |
| <b>NEOCUT 125</b>   |                | 400V 3~  | 50 | 20+125         | 57                      | 55                     | 40               | 40       | 25      | 25      |                       |    |      | Synergic |     |     |                           | 5     | 9      | 5.5 (305 L/min)       | 125 A | —    | 100 | 35/70 mm <sup>2</sup> | 58 x 52 x 30                                    | 35 | 30 kW   | 36 kVA   |

COMPUTER NUMERICAL CONTROL

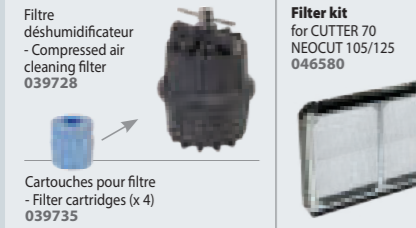


| Kit                        | Technology           | CNC | CPC 14 pts                   | 15 m | Compatibility |              |            |            | Ref    |
|----------------------------|----------------------|-----|------------------------------|------|---------------|--------------|------------|------------|--------|
|                            |                      |     |                              |      | CUTTER 45 CT  | CUTTER 70 CT | NEOCUT 105 | NEOCUT 125 |        |
| CNC kit 1 Analogic         | CNC ANALOGIC         | x1  | CPC 14 pts                   | 15 m | ■             | ■            | ■          | ■          | 039988 |
| CNC kit 2 Digital          | CNC DIGITAL          | x1  | CPC 14 pts                   | 15 m | —             | —            | ■          | ■          | 064737 |
| CNC kit 3 Digital Retrofit | CNC RETROFIT DIGITAL | x1  | CPC 14 pts + Connector 5 pts | —    | —             | —            | ■          | ■          | 068957 |

REMOTE CONTROL - Commande déportée



RC-PLASMA for CUTTER 45/70, NEOCUT 105/125  
069596



10 m  
Filtre déshumidificateur - Compressed air cleaning filter 039728  
Cartouches pour filtre - Filter cartridges (x 4) 039735  
Filter kit for CUTTER 70, NEOCUT 105/125 046580

TROLLEYS - Chariots

Details p.85

**1**

Skate 040977

**2**

Skate 037717

**3**

Skate 073593

**6**

PLASMA 600 040298

**7**

UNIVERSAL 800 051331

**15**

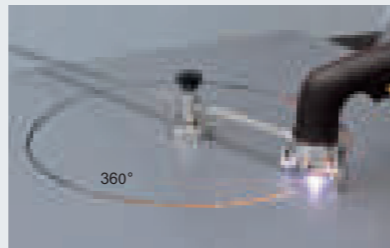
Diablo JOBSITE XL 039568

| PLASMA        | 1 | 2 | 3 | 6 | 7 | 15 |
|---------------|---|---|---|---|---|----|
| EASYCUT K25   |   |   |   | ✓ | ✓ | ✓  |
| EASYCUT K35F  | ✓ |   |   | ✓ | ✓ | ✓  |
| EASYCUT 30 FV |   |   |   | ✓ | ✓ |    |
| EASYCUT 40    |   |   |   | ✓ | ✓ |    |
| CUTTER 45CT   |   |   |   | ✓ | ✓ |    |
| CUTTER 70CT   |   |   |   |   |   | ✓  |
| NEOCUT 105    |   | ✓ | ✓ |   |   | ✓  |
| NEOCUT 125    |   | ✓ | ✓ |   |   | ✓  |

COMPASS - Compas



| Ø max   | Trolley included | Torches compatibility |        |        |        |       |       |        | Ref    |
|---------|------------------|-----------------------|--------|--------|--------|-------|-------|--------|--------|
|         |                  | TPT 25                | TPT 40 | MT 25K | MT 35K | MT 45 | MT 70 | MT 125 |        |
| 1540 mm | 040199           | ■                     | ■      | ■      | ■      | ■     | —     | —      | 040205 |
| 820 mm  | 037977           | —                     | —      | —      | —      | —     | ■     | ■      | 037984 |



GUIDING KIT - Kit de guidage

For MT 70, MT 125  
038653



CUTTER 45CT

| Pack                       | Cutter | 8 mm / 10 mm            | MANUAL / AUTO      | Cable                     | Accessories |            |             |                   |           |
|----------------------------|--------|-------------------------|--------------------|---------------------------|-------------|------------|-------------|-------------------|-----------|
|                            |        |                         |                    |                           | Starters    | Electrodes | Consumables | Ohmic             | Others    |
| pack CUTTER 45CT M1 062962 | •      | 2 m, 10 mm <sup>2</sup> | MT 70, 6 m 037502  |                           | x1          | x1         | x1          | x1                | x1        |
| pack CUTTER 45CT M2 062979 | •      | 2 m, 10 mm <sup>2</sup> | MT 70, 12 m 037519 |                           | x1          | x3         | x3          | x1                | x1        |
| pack CUTTER 45CT A 062986  | •      | 2 m, 10 mm <sup>2</sup> | AT 70, 12 m 037533 | CNC Kit 1 Analogic 039988 | x1 037557   | x5 037564  | x5 037571   | x1 (Ohmic) 037618 | x1 037649 |

CUTTER 70CT

| Pack                       | Cutter | 8 mm / 10 mm            | MANUAL / AUTO      | Cable                     | Accessories |            |             |                   |           |
|----------------------------|--------|-------------------------|--------------------|---------------------------|-------------|------------|-------------|-------------------|-----------|
|                            |        |                         |                    |                           | Starters    | Electrodes | Consumables | Ohmic             | Others    |
| pack CUTTER 70CT M1 013841 | •      | 4 m, 10 mm <sup>2</sup> | MT 70, 6 m 037502  |                           | x1          | x1         | x1          | x1                | x1        |
| pack CUTTER 70CT M2 014589 | •      | 4 m, 10 mm <sup>2</sup> | MT 70, 6 m 037502  |                           | x1          | x3         | x3          | x1                | x1        |
| pack CUTTER 70CT M3 014596 | •      | 4 m, 10 mm <sup>2</sup> | MT 70, 12 m 037519 |                           | x1          | x3         | x3          | x1                | x1        |
| pack CUTTER 70CT A 014619  | •      | 4 m, 10 mm <sup>2</sup> | AT 70, 12 m 037533 | CNC Kit 1 Analogic 039988 | x1 037557   | x5 037564  | x5 037588   | x1 (Ohmic) 037618 | x1 037649 |

NEOCUT 105

| Pack                      | Cutter | 8 mm / 10 mm            | MANUAL / AUTO            | Cable                     | Trolley | Accessories        |            |                    |                    |                    |
|---------------------------|--------|-------------------------|--------------------------|---------------------------|---------|--------------------|------------|--------------------|--------------------|--------------------|
|                           |        |                         |                          |                           |         | Starters           | Electrodes | Consumables        | Ohmic              | Others             |
| pack NEOCUT 105 M1 063112 | •      | 4 m, 16 mm <sup>2</sup> | MT-125 NO HF 6 m 039506  |                           |         | x1                 | x1         | x1                 | x1                 | x1                 |
| pack NEOCUT 105 M2 065871 | •      | 4 m, 16 mm <sup>2</sup> | MT-125 NO HF 6 m 039506  |                           | 037717  | x1 (85A) x1 (105A) | x3         | x3 (85A) x3 (105A) | x1 (85A) x1 (105A) | x1 (85A) x1 (105A) |
| pack NEOCUT 105 M3 065888 | •      | 4 m, 16 mm <sup>2</sup> | MT-125 NO HF 12 m 039513 |                           | 037717  | x1 (85A) x1 (105A) | x3         | x3 (85A) x3 (105A) | x1 (85A) x1 (105A) | x1 (85A) x1 (105A) |
| pack NEOCUT 105 A1 065895 | •      | 4 m, 16 mm <sup>2</sup> | AT-125 NO HF 12 m 039520 | CNC Kit 1 Analogic 039988 |         | x1 039148          | x5 039155  | x5 039193          | x1 (Ohmic) 039445  | x1 039308          |
| pack NEOCUT 105 A2 068186 | •      | 4 m, 16 mm <sup>2</sup> | AT-125 NO HF 12 m 039520 | CNC Kit 2 Digital 064737  |         | x1 039148          | x5 039155  | x5 039193          | x1 (Ohmic) 039445  | x1 039308          |

NEOCUT 125

| Pack                      | Cutter | 8 mm / 10 mm            | MANUAL / AUTO            | Cable                     | Trolley | Accessories |            |                     |                   |           |
|---------------------------|--------|-------------------------|--------------------------|---------------------------|---------|-------------|------------|---------------------|-------------------|-----------|
|                           |        |                         |                          |                           |         | Starters    | Electrodes | Consumables         | Ohmic             | Others    |
| pack NEOCUT 125 M1 067448 | •      | 4 m, 25 mm <sup>2</sup> | MT-125 NO HF 6 m 039506  |                           |         | x1          | x1         | x1                  | x1                | x1        |
| pack NEOCUT 125 M2 068193 | •      | 4 m, 25 mm <sup>2</sup> | MT-125 NO HF 6 m 039506  |                           | 037717  | x1          | x3         | x3 (105A) x3 (125A) | x1                | x1        |
| pack NEOCUT 125 M3 068209 | •      | 4 m, 25 mm <sup>2</sup> | MT-125 NO HF 12 m 039513 |                           | 037717  | x1          | x3         | x3 (105A) x3 (125A) | x1                | x1        |
| pack NEOCUT 125 A1 068216 | •      | 4 m, 25 mm <sup>2</sup> | AT-125 NO HF 12 m 039520 | CNC Kit 1 Analogic 039988 |         | x1 039148   | x5 039155  | x5 039209           | x1 (Ohmic) 039445 | x1 039308 |
| pack NEOCUT 125 A2 068223 | •      | 4 m, 25 mm <sup>2</sup> | AT-125 NO HF 12 m 039520 | CNC Kit 2 Digital 064737  |         | x1 039148   | x5 039155  | x5 039209           | x1 (Ohmic) 039445 | x1 039308 |
| pack NEOCUT 125 A3 073463 | •      | 4 m, 25 mm <sup>2</sup> | AT-160 NO HF 12 m 067486 | CNC Kit 1 Analogic 039988 |         | x1 067509   | x5 067493  | x5 067554           | x1 (Ohmic) 067585 | x1 067608 |
| pack NEOCUT 125 A4 073470 | •      | 4 m, 25 mm <sup>2</sup> | AT-160 NO HF 12 m 067486 | CNC Kit 2 Digital 064737  |         | x1 067509   | x5 067493  | x5 067554           | x1 (Ohmic) 067585 | x1 067608 |

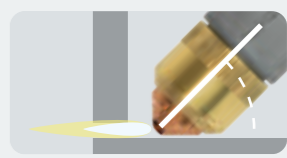
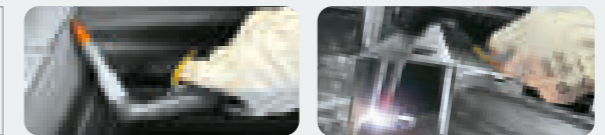


**DIFFICULT ACCESS Consumables**

| Consumables   | Diffuseur - Diffuser - Swirl Ring | Electrode - Schneidelektrode | Buse - Nozzle - Schneiddüsenhalter | Bague - Ring | Tuyère - Tip - Düse | Patin - Shield             |
|---------------|-----------------------------------|------------------------------|------------------------------------|--------------|---------------------|----------------------------|
| <b>MT-70</b>  | 20-45 A<br>70 A                   | 037557                       | 074682                             | 074859       | 074897              | 074767<br>074774           |
| <b>MT-125</b> | 20-45 A<br>70 A<br>100 A          | 039131<br>039148             | 074699                             | 074866       | 074897              | 074767<br>074774<br>074781 |

| Consumables   | Diffuseur - Diffuser - Swirl Ring | Electrode - Schneidelektrode | Buse - Nozzle - Schneiddüsenhalter | Bague - Ring | Tuyère - Tip - Düse | Patin - Shield   |
|---------------|-----------------------------------|------------------------------|------------------------------------|--------------|---------------------|------------------|
| <b>MT-70</b>  | 70 A                              | 037557                       | 074682                             | 074859       | 074897              | 074798           |
| <b>MT-125</b> | 70 A<br>100 A                     | 039131<br>039148             | 074699                             | 074866       | 074897              | 074798<br>074804 |

**Extractor - Extracteur** 074842  
 Assembly & disassembly tool  
 - Outil d'aide à l'installation et au démontage



**FLAT CUTTING Consumables**

| Consumables   | Diffuseur - Diffuser - Swirl Ring | Electrode - Schneidelektrode | Buse - Nozzle - Schneiddüsenhalter | Tuyère - Tip - Düse | Bague de maintien - Retaining ring |
|---------------|-----------------------------------|------------------------------|------------------------------------|---------------------|------------------------------------|
| <b>MT-70</b>  | 40-70 A                           | 074736                       | 074705                             | 074873              | 074811                             |
| <b>MT-125</b> | 40-70 A<br>80-125 A               | 074743<br>074750             | 074712<br>039155                   | 074880              | 074828<br>074835                   |

**MANUAL - Hand-held torches**



| MT torches    | (60%)      | (100%) | L (m)   | ref              |
|---------------|------------|--------|---------|------------------|
| <b>MT-70</b>  | 70 A (50%) | 50 A   | 6<br>12 | 037502<br>037519 |
| <b>MT-125</b> | 125 A      | 105 A  | 6<br>12 | 039506<br>039513 |

**EASYFIT ①+②**

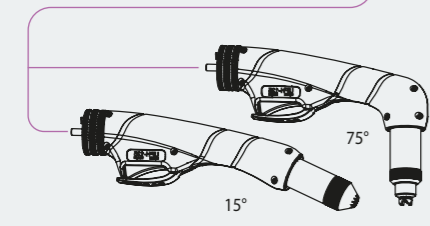


**Easyfit cables**

| MT-70<br>MT-125 | L (m) | ref    |
|-----------------|-------|--------|
|                 | 6     | 074668 |
|                 | 12    | 074675 |

**Easyfit long torches**

|               | (60%) | (100%) | Angle                    | Body (cm)              | ref                                  |
|---------------|-------|--------|--------------------------|------------------------|--------------------------------------|
| <b>MT-125</b> | 125 A | 105 A  | 90°<br>15°<br>90°<br>15° | 80<br>80<br>130<br>130 | 074620<br>074637<br>074644<br>074651 |



**Easyfit torches**

|               | (60%)      | (100%) | Angle      | ref              |
|---------------|------------|--------|------------|------------------|
| <b>MT-70</b>  | 70 A (50%) | 50 A   | 75°<br>15° | 074583<br>074590 |
| <b>MT-125</b> | 125 A      | 105 A  | 75°<br>15° | 074606<br>074613 |

**STANDARD Consumables**

| Consumables   | Diffuseur - Diffuser - Swirl Ring                            | Electrode - Schneidelektrode | Tuyère - Tip - Düse | Buse - Nozzle - Schneiddüsenhalter | Patin - Shield                   |
|---------------|--|------------------------------|---------------------|------------------------------------|----------------------------------|
| <b>MT-70</b>  | 20-50 A<br>70 A  | x1<br>037557                 | x1<br>x3            | x1<br>x3                           | x1<br>x1                         |
| <b>MT-125</b> | 45 A Precision cut<br>45 A<br>65 A<br>85 A<br>105 A<br>125 A | x1<br>039131<br>039148       | x3<br>039155        | x3<br>x3<br>x3<br>x3<br>x3<br>x3   | x1<br>x1<br>x1<br>x1<br>x1<br>x1 |

| Consumables   | Diffuseur - Diffuser - Swirl Ring | Electrode - Schneidelektrode | Tuyère - Tip - Düse | Buse - Nozzle - Schneiddüsenhalter | Patin - Shield             |
|---------------|-----------------------------------|------------------------------|---------------------|------------------------------------|----------------------------|
| <b>MT-70</b>  | 70 A                              | 037557                       | 037564              | 037595                             | 037601                     |
| <b>MT-125</b> | 65-85 A<br>105 A<br>125 A         | 039131<br>039148             | 039155              | 039261<br>039278<br>039285         | 039216<br>039216<br>039223 |

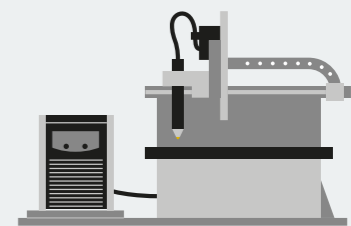
**Boxes - Coffrets**

| MT-70         | 20-70 A  | BOX 20-50 A<br>061613 | BOX 20-70 A<br>037540 | -                        | -                      | -                       |
|---------------|----------|-----------------------|-----------------------|--------------------------|------------------------|-------------------------|
| <b>MT-125</b> | 45-125 A | -                     | -                     | BOX 45/65/85 A<br>039537 | BOX 85/105 A<br>064720 | BOX 105/125 A<br>039544 |

**AUTOMATIC - Mechanized torches**



| AT torches    | Recommended max piercing value (100%) | (60%)      | (100%) | A                           | B                | C  | ref  |
|---------------|---------------------------------------|------------|--------|-----------------------------|------------------|--|--|
| <b>AT-70</b>  | 13 mm                                 | 70 A (50%) | 50 A   | 6 m<br>6 m<br>12 m          | 376 mm<br>489 mm | "Mini" 127 / Ø 35 mm<br>240 mm / Ø 35 mm | 071865<br>037526<br>037533                     |
| <b>AT-125</b> | 20 mm                                 | 125 A      | 105 A  | 6 m<br>12 m<br>15 m<br>20 m | 502 mm           | 240 mm / Ø 35 mm                         | 038479<br>039520<br>069787<br>069794<br>067479 |
| <b>AT-160</b> | 25 mm                                 | 160 A      | 125 A  | 6 m<br>12 m<br>15 m<br>20 m | 529 mm           | 227 mm / Ø 44.5 mm                       | 067486<br>069800<br>069817                     |



**Plasma fluid - 5L**  
 for CNC plasma arc tables  
 - pour tables plasma CNC  
 064850

| Consumables   | Diffuseur - Diffuser - Swirl Ring                                | Electrode - Schneidelektrode | Tuyère - Tip - Düse | Buse - Nozzle - Schneiddüsenhalter                       | Buse ohmique - Ohmic nozzle | Défecteur - Deflector                |
|---------------|--|------------------------------|---------------------|--|-----------------------------|--------------------------------------|
| <b>AT-70</b>  | 20-50 A<br>70 A  | 037557                       | 037564              | 037571<br>037588   | 037601                      | 037618<br>037649                     |
| <b>AT-125</b> | 45 A Precision cut<br>45 A<br>65 A<br>85 A<br>105 A<br>125 A     | 039131                       | 039155              | 039315<br>039162<br>039179<br>039186<br>039193<br>039209 | 039216                      | 039339<br>039292                     |
| <b>AT-160</b> | 45 A Precision cut<br>45 A<br>65 A<br>85 A<br>105/125 A<br>160 A | 067509                       | 067493              | 067516<br>067523<br>067530<br>067547<br>067554<br>067561 | -                           | 067578<br>067592<br>067585<br>067608 |



# INDUCTION HEATING

1 200 · 22 000 W

POWERDUCTION 84

ACCESSORIES & CONSUMABLES 88

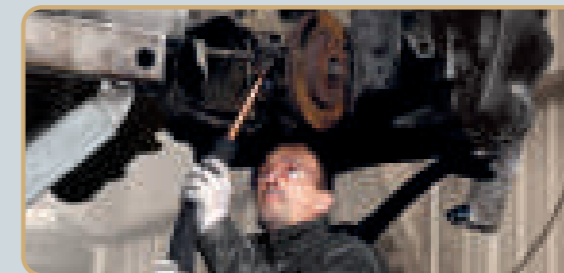
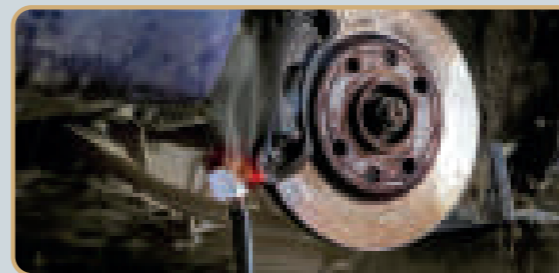


INDUCTION HEATING

1.2 → 5.2 kW



Youtube



INCLUDED

Spirale - Coil - Spiralförmiger draht



Ø 18 mm  
054806

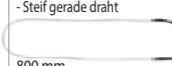
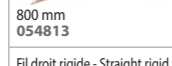


Ø 24 mm  
054790



Ø 30 mm  
055469

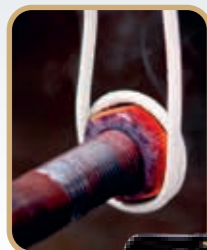
Fil tressé enrollable - Flexible wrappable wire - Flexibel geflochtener draht



Fil droit rigide - Straight rigid wire - Steif gerade draht

800 mm  
054813

800 mm  
054868



1 m

POWERDUCTION 10R

1 200 W

230 V • 1 ~

AIR

062504

068643

PFC POWER FACTOR CORRECTION

185 V ← 265 V



2 m

POWERDUCTION 37LG

3 700 W

230 V • 1 ~

LIQUID

056992

072510

included S90  
058927



3 m

3 m

POWERDUCTION 39LG

3 700 W

230 V • 1 ~

PFC LIQUID

058583

POWERDUCTION 50LG

5 200 W

230 V • 1 ~

PFC LIQUID

055599

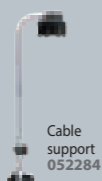
OPTION 10R

Stripping - Décollage - Entkleben  
066601



OPTION 37LG

Cable support  
052284



Chariot - Trolley  
UNIVERSAL 800  
051331

OPTION 50LG



Housse de protection  
- Protection cover  
- Schutzhaube  
062733

| MADE IN FRANCE    | Cable L (m)        | +AM+    |       | Freq. | INTEGRATED TECHNOLOGY |     | * LIQUID COOLING | Cable L (m) |         |           | Heating                  |            |              | cm   | kg     | Protected & compatible power generator (+/-15%) |
|-------------------|--------------------|---------|-------|-------|-----------------------|-----|------------------|-------------|---------|-----------|--------------------------|------------|--------------|------|--------|---|
|                   |                    | A       | W     |       | P400                  | PFC |                  | Inductor    | Heating | Heating   | Heating                  |            |              |      |        |   |
| POWERDUCTION 10R  | 230V, 1~, 50/60 Hz | 10 mini | 1 200 | 45+80 | —                     | —   | —                | 2           | 1       | M10 → 1 s | 2 mm → 5 s               | Ø8 → 10 s  | 23 x 14 x 10 | 3    | 1.5 kW |   |
| POWERDUCTION 37LG | 230V, 1~, 50/60 Hz | 16 mini | 3 700 | 15+30 | —                     | —   | 1.51             | 2           | 2       | M10 → 1 s | 2 mm → 5 s               | Ø10 → 15 s | 45 x 29 x 25 | 15   | 4 kW   |   |
| POWERDUCTION 39LG | 230V, 1~, 50/60 Hz | 16 mini | 3 700 | 20+60 | ■                     | ■   | 71               | 6           | 3       | M12 → 1 s | 2 mm → 5 s               | Ø10 → 15 s | 53 x 70 x 37 | 39.5 | 4 kW   |   |
| POWERDUCTION 50LG | 230V, 1~, 50/60 Hz | 25 mini | 5 200 | 20+60 | ■                     | ■   | 71               | 8           | 3       | M14 → 1 s | 2 mm → 3 s<br>4 mm → 5 s | Ø10 → 10 s | 59 x 88 x 59 | 70   | 6 kW   |   |



# INDUCTION HEATING 11 → 22 kW



included adapter  
32L + L90  
064515 + 059788

4 m

included  
removable  
handle  
068599



included  
removable  
handle  
068599

included adapter  
32L + L90  
064515 + 059788

6 m



included adapter  
32L + L20/B4  
064515 + 067882

6 m  
or  
10 m

included  
removable  
handle  
068599

### t° POWER HEAT CONTROLLER

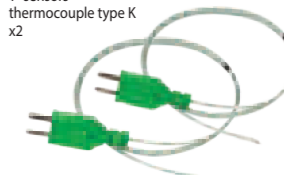
t° CONTROL  
80>350°C (210>660°F)



5,5m

POWER HEAT  
CONTROLLER  
061644

Included  
T° sensors  
thermocouple type K  
x2



Compatibility  
POWERDUCTION 110LG  
POWERDUCTION 110LG 208-240 V  
POWERDUCTION 160LG  
POWERDUCTION 160LG 208-240 V  
POWERDUCTION 220LG



### OPTION



Pyrometer IR  
for inductor L90

1.1 m  
064119

POWERDUCTION 110LG

11 000 W 400 V • 3~

LIQUID

058590

POWERDUCTION 110LG 208-240V

11 000 W 208-240 V • 3~

LIQUID

065246

POWERDUCTION 160LG

16 000 W 400 V • 3~

LIQUID

057814

POWERDUCTION 160LG 208-240 V

16 000 W 208-240 V • 3~

LIQUID

065253

POWERDUCTION 220LG

22 000 W 400 V • 3~

LIQUID

066861

POWERDUCTION 220LG 10M

074576

### OPTIONS



Poignée de lance  
- Removable handle -  
Abnehmbarer Griff  
for POWERDUCTION  
220 - 160 - 110 LG  
068599



Cooling liquid  
Included with 160LG  
& 220 LG  
5L  
062511  
10L  
052246



Housse de protection  
- Protection cover -  
Schutzhaube  
for POWERDUCTION  
220 - 160 LG  
050853



Housse de protection  
- Protection cover -  
Schutzhaube  
for POWERDUCTION  
110LG  
062733

| MADE IN FRANCE              | Cable L (m)            | +AM+    | Freq.  | * Liquid Cooling | Cable L (m) |          | Heating |           | cm                       | kg        | Protected & compatible power generator (+/-15%) |     |       |
|-----------------------------|------------------------|---------|--------|------------------|-------------|----------|---------|-----------|--------------------------|-----------|---|-----|-------|
|                             |                        |         |        |                  | Inductor    | Inductor | Heating | Heating   |                          |           |   |     |       |
| POWERDUCTION 110LG 400V     | 400V, 3~, 50/60 Hz     | 16 mini | 11 000 | 20+60            | 71          | 5        | 4       | M18 → 1 s | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 7 s | 59 x 88 x 59                                    | 80  | 15 kW |
| POWERDUCTION 110LG 208-240V | 208-240V, 3~, 50/60 Hz | 35 mini | 11 000 | 20+60            | 71          | 5        | 4       | M18 → 1 s | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 7 s | 59 x 88 x 59                                    | 86  | 15 kW |
| POWERDUCTION 160LG 400V     | 400V, 3~, 50/60 Hz     | 32 mini | 16 000 | 20+60            | 301         | 4        | 6       | M20 → 1 s | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 5 s | 70 x 118 x 60                                   | 136 | 22 kW |
| POWERDUCTION 160LG 208-240V | 208-240V, 3~, 50/60 Hz | 45 mini | 16 000 | 20+60            | 301         | 4        | 6       | M20 → 1 s | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 5 s | 70 x 118 x 60                                   | 146 | 22 kW |
| POWERDUCTION 220LG          | 400V, 3~<br>50/60 Hz   | 32 mini | 22 000 | 20+60            | 301         | 4        | 6       | M45 → 3 s | 4 mm → 3 s<br>8 mm → 9 s | Ø10 → 4 s | 70 x 118 x 60                                   | 141 | 22 kW |
| POWERDUCTION 220LG 10M      |                        |         |        |                  |             |          | 10      |           |                          |           |   |     |       |

# SMALL Ø16

## INDUCTORS

|                        |               |               |                |                        |                   |                   |                    |
|------------------------|---------------|---------------|----------------|------------------------|-------------------|-------------------|--------------------|
|                        |               |               |                |                        |                   |                   |                    |
| * = original equipment | S90<br>058927 | S70<br>061569 | S180<br>059269 | S20/B1 (20°)<br>064874 | S180/B1<br>064881 | S180/B2<br>064928 | S180/B3W<br>067899 |
| 37 LG                  | ✓*            |               |                | ✓                      |                   | —                 | ✓                  |
| 39 & 50 LG             |               |               |                | ✓ with adapter 28S     |                   |                   |                    |
| 110, 160 & 220 LG      |               |               |                | ✓ with adapter 32S     |                   |                   |                    |

**NEW**

|                   |                   |  |                    |
|-------------------|-------------------|--|--------------------|
|                   |                   |  |                    |
|                   | S20/D20<br>078796 | S90/D20<br>078871                              | S180/D20<br>069985 |
| Ø 20              | S20/D25<br>078802 | S90/D25<br>078888                              | S180/D25<br>069992 |
| Ø 25              | S20/D30<br>078819 | S90/D30<br>078895                              | S180/D30<br>070592 |
| Ø 30              | S20/D35<br>078826 | S90/D35<br>078901                              | S180/D35<br>070608 |
| Ø 35              | S20/D40<br>078833 | S90/D40<br>078918                              | S180/D40<br>070615 |
| Ø 40              | S20/D45<br>078840 | S90/D45<br>078925                              | S180/D45<br>070622 |
| Ø 45              | S20/D50<br>078857 | S90/D50<br>078932                              | S180/D50<br>070639 |
| Ø 50              | S20/D55<br>078864 | S90/D55<br>078949                              | S180/D55<br>070646 |
| Ø 55              |                   |  |                    |
| 37 LG             |                   | ✓<br>S180/D20, S180/D25,<br>S180/D30, S180/D35 |                    |
| 39 & 50 LG        |                   | ✓ with adapter 28S                             |                    |
| 110, 160 & 220 LG |                   | ✓ with adapter 32S                             |                    |

**Protection kit for L180/D inductors**  
- Kit de protection pour inducteurs boucle  
077386

**NEW**

**NEW**

|                   |                              |                              |                              |
|-------------------|------------------------------|------------------------------|------------------------------|
|                   |                              |                              |                              |
|                   | S180 HEAT TUBE D37<br>078604 | S180 HEAT TUBE D40<br>078611 | S180 HEAT TUBE D50<br>078628 |
| 37 LG             |                              |                              |                              |
| 39 & 50 LG        |                              | ✓ with adapter 28S           |                              |
| 110, 160 & 220 LG |                              | ✓ with adapter 32S           |                              |

### ADAPTERS

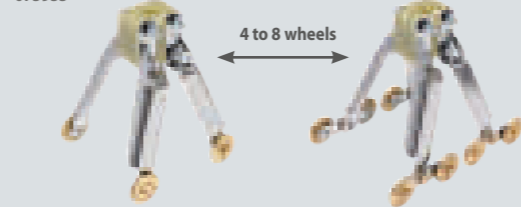
|                   |                          |               |
|-------------------|--------------------------|---------------|
|                   | 28S<br>M28 Ø16<br>064485 |               |
|                   | 32S<br>M32 Ø16<br>064508 |               |
| 37 LG             |                          | —             |
| 39 & 50 LG        |                          | ✓ 28S M28 Ø16 |
| 110, 160 & 220 LG |                          | ✓ 32S M32 Ø16 |

### Boxes - boîtes

|  |  |  |
|--|--|--|
|  |  |  |
| <b>28S/B type W</b><br>for 39LG & 50LG<br>072497   | <b>32S/B type W</b><br>for 110LG & 160LG<br>072503   | <b>L box</b><br>065796                     |
| <b>included :</b><br>S20/B1 (x1)<br>S180/B1 (x1)<br>S180/B3 (x1)<br>28S (x1)<br>B1 (x1)<br>B3 (x1) | <b>included :</b><br>S20/B1 (x1)<br>S180/B1 (x1)<br>S180/B3 (x1)<br>32S (x1)<br>B1 (x1)<br>B3 (x1) | <b>included :</b><br>L70 (x1)<br>L180 (x1) |

### Trolley for inductor for adapter 32L

Chariot pour inducteur pour adaptateur 32L  
075955

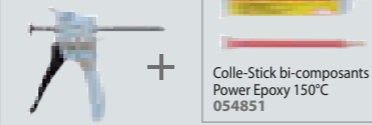


### Ferrites - Ferrites - Ferritaufsatz

|              |              |              |              |                  |
|--------------|--------------|--------------|--------------|------------------|
|              |              |              |              |                  |
| B1<br>053823 | B2<br>053458 | B3<br>067875 | B4<br>053755 | Spiral<br>069701 |
|              |              |              |              |                  |
| B1<br>056909 | B2<br>056916 | B3<br>072527 | B4<br>054844 |                  |

### Glue kit for inductor

Kit de colle pour inducteur  
075948



# LARGE Ø32

## INDUCTORS

|                        |                     |                     |                    |                       |                     |                         |
|------------------------|---------------------|---------------------|--------------------|-----------------------|---------------------|-------------------------|
|                        |                     |                     |                    |                       |                     |                         |
| * = original equipment | L90 (90°)<br>059788 | L70 (70°)<br>059771 | L180<br>059795     | L180/Spiral<br>065000 | L20/B4<br>067882    | L20 Alu Glove<br>069114 |
| 37 LG                  |                     |                     |                    |                       |                     |                         |
| 39 & 50 LG             |                     |                     | ✓ with adapter 28L |                       |                     | —                       |
| 110, 160 & 220 LG      | ✓ with adapter 32L* |                     | ✓ with adapter 32L |                       | ✓ with adapter 32L* | ✓ with adapter 32L      |

**NEW**

|                   |                    |                    |                     |
|-------------------|--------------------|--------------------|---------------------|
|                   |                    |                    |                     |
|                   | L20/D60<br>078956  | L90/D60<br>079106  | L180/D60<br>069923  |
| Ø 60              | L20/D70<br>078963  | L90/D70<br>079113  | L180/D70<br>069930  |
| Ø 70              | L20/D80<br>078970  | L90/D80<br>079120  | L180/D80<br>069121  |
| Ø 80              | L20/D90<br>078987  | L90/D90<br>079137  | L180/D90<br>069947  |
| Ø 90              | L20/D100<br>078994 | L90/D100<br>079144 | L180/D100<br>069954 |
| Ø 100             | L20/D110<br>079007 | L90/D110<br>079151 | L180/D110<br>069961 |
| Ø 110             | L20/D120<br>079014 | L90/D120<br>079168 | L180/D120<br>069978 |
| Ø 120             | L20/D130<br>079021 | L90/D130<br>079175 | —                   |
| Ø 130             | L20/D140<br>079038 | L90/D140<br>079182 | —                   |
| Ø 140             | L20/D150<br>079045 | L90/D150<br>079199 | —                   |
| Ø 150             | L20/D160<br>079052 | L90/D160<br>079205 | —                   |
| Ø 160             | L20/D170<br>079069 | L90/D170<br>079212 | —                   |
| Ø 170             | L20/D180<br>079076 | L90/D180<br>079229 | —                   |
| Ø 180             | L20/D190<br>079083 | L90/D190<br>079236 | —                   |
| Ø 190             | L20/D200<br>079090 | L90/D200<br>079243 | —                   |
| Ø 200             |                    |                    |                     |
| 37 LG             |                    |                    |                     |
| 39 & 50 LG        |                    | ✓ with adapter 28L |                     |
| 110, 160 & 220 LG |                    | ✓ with adapter 32L |                     |

**Protection kit for L180/D inductors**  
- Kit de protection pour inducteurs boucle  
077386

**NEW**

**NEW**

|                        |   |                                       |  |  |
|------------------------|---|---------------------------------------|--|--|
|                        |   |                                       |  |  |
| * = original equipment | L90 BRAZ 16<br>Ø 1/2" / 16 mm<br>076907 | L90 BRAZ 28<br>Ø 1" / 28 mm<br>076921 | L180 BRAZ 16<br>Ø 1/2" / 16 mm<br>076914 | L180 BRAZ 28<br>Ø 1" / 28 mm<br>076938 |
| 37, 39 & 50 LG         |   |                                       |  |  |
| 110, 160 & 220 LG      |   | ✓ with adapter 32L*                   |  |  |

**Protection kit for BRAZ inductors**  
- Kit de protection pour inducteurs brasage  
077515

**NEW**

|                   |                                  |
|-------------------|----------------------------------|
|                   |                                  |
|                   | L180R X<br>Production on request |
| 37, 39 & 50 LG    | —                                |
| 110, 160 & 220 LG | ✓ with adapter 32L               |

### ADAPTERS

|                   |                          |               |
|-------------------|--------------------------|---------------|
|                   | 28L<br>M28 Ø32<br>064492 |               |
|                   | 32L<br>M32 Ø32<br>064515 |               |
| 37 LG             |                          | —             |
| 39 & 50 LG        |                          | ✓ 28L M28 Ø32 |
| 110, 160 & 220 LG |                          | ✓ 32L M32 Ø32 |

### COMPLETE (Ø 28)

|                        |                         |                         |
|------------------------|-------------------------|-------------------------|
|                        |                         |                         |
| C20/B1 (20°)<br>056862 | C180/B1 (90°)<br>056879 | C180/B2 (90°)<br>056886 |
|                        | B1                      | B2                      |
| 37 LG                  |                         |                         |
| 39 & 50 LG             | ✓*                      | ✓                       |
| 110, 160 & 220 LG      |                         |                         |

\* = original equipment



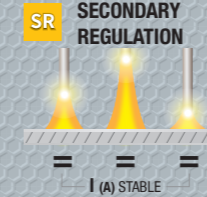
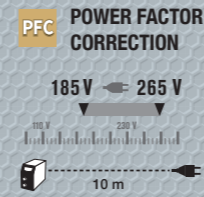
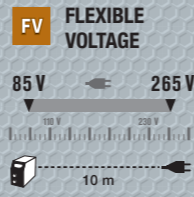
# STUD WELDING

GVPOT ARCPULL 92

ACCESSORIES & CONSUMABLES 94



# STUD WELDING ALU + STEEL ALU + ACIER / STAHL



- Anneaux - Rings - Zugösen
- Goujons - Studs - Gewindebolzen
- Tiges inox - Stainless steel nails - Edelstahlnägel
- 1 Amorce - Start-up - Zündung
- 2 Décapage - Scouring (l & t) - Abbelzen
- 3 Arc (l & t) - Arc - Lichtbogen
- 4 Accroche - Hitching (l & t) - Verklebung
- 5 Hauteur - Height - Höhe



**7 languages**  
FR, EN, DE, SP, IT, NL & RU



**GYSPOT ARC PULL 200**  
110 · 230V · 1~  
**200 A** **×1 MANUAL**  
FV PFC SR AD  
+ 3 m, 25 mm<sup>2</sup> + alu ring box 1.5 mm + 059429  
**057470**



**GYSPOT ARC PULL 350**  
208 · 240V · 1~  
**350 A** **×1 MANUAL**  
PFC SR AD  
+ 3 m, 25 mm<sup>2</sup>  
**062191**  
+ 3 m, 25 mm<sup>2</sup> + 064591  
**064638**  
 **GAS NO GAS**

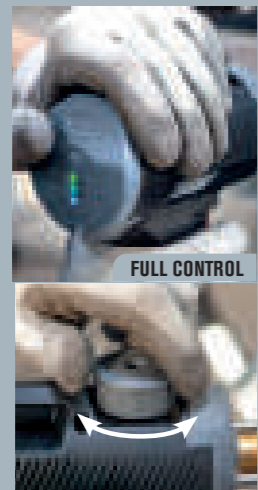
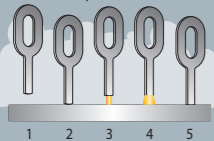


**GYSPOT ARC PULL 700 INDUSTRY**  
380 · 480V · 3~  
**680 A** **×1 MANUAL**  
SR IP 23  
+ 3 m, 50 mm<sup>2</sup> + Double earth clamp + Complete stand ceramic ferrule Standard 700  
3 m, 50 mm<sup>2</sup> 068605 068322  
**062207**

## SYNERGIC DIGITAL GUNS

★★★★★  
**UNIQUE Linear Motor**

**DRAWN ARC PROCESS**  
Gas protection



- 20L/min (FR) 041998 (UK) 040274 (NL) 040267 (IT) 038691
- 30L/min (FR) 041622 (UK) 041646 (DE) 041219 (NL) 041615 (IT) 038707



Double earth clamp for 700 **068605**



Weld 810 for ARC PULL 200 & 350 **037489**



Weld 910 for ARC PULL 700 **070967**

| MADE IN FRANCE<br>60974-1  | 50/60 Hz             | I <sub>2</sub><br>A | SYNERGIC                           | TECHNOLOGY                          |             |  | U <sub>2</sub>       |                          | kW | cm | ArcPull        | ArcPull + gun      |
|----------------------------|----------------------|---------------------|------------------------------------|-------------------------------------|-------------|--|----------------------|--------------------------|----|----|----------------|--------------------|
|                            |                      |                     |                                    | Acier/Steel                         | Alu         | Consumables                            | V                    | A                        |    |    |                |                    |
| <b>GYSPOT ARC PULL 200</b> | 110 · 230V           | 6 m                 | 10 · 100 (110V)<br>10 · 200 (230V) | Manual + Digital Gun Motion Control | 20 · 100 mm | 20.4 · 24V (110V)<br>20.4 · 28V (110V) | 16                   | 2.4 (110V)<br>5.6 (230V) | OK | OK | 20.5 x 25 x 33 | 8.6 kg<br>11.9 kg  |
| <b>GYSPOT ARC PULL 350</b> | 208 · 240V           | 6 m                 | 10 · 350                           | Manual + Digital Gun Motion Control | 20 · 100 mm | 20.4 · 34V                             | 16                   | 11.9                     | OK | OK | 23 x 31 x 28.4 | 11 kg<br>14.3 kg   |
| <b>GYSPOT ARC PULL 700</b> | 3x 400 V<br>3x 480 V | 5 m                 | 50 · 680                           | Manual + Digital Gun Motion Control | 20 · 100 mm | 22 · 44V                               | 20 A (D)<br>16 A (D) | 47.8 kW<br>45.7 kW       | OK | OK | 32 x 32.4 x 41 | 17.4 kg<br>20.4 kg |

# GYSPOT ARC PULL 350 - ACCESSORIES & CONSUMABLES

**DIFFICULT ACCESS**  
 Nail holder Ø3 072251    Nail Ø3x100 (x100) 072244

| Acier/Steel /Stahl         | Ø 2 mm |        | Ø 4 mm |        | Ø 5 mm |        | Ø 6 mm |        | Ø 7.1 mm |        | Ø 8 mm |        |        |        |        |        |      |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|------|
|                            | 059634 | 059641 | 064065 | 064034 | 049000 | 059603 | 048157 | 049383 | 049413   | 048164 | 063969 | 063990 | 064041 | 064003 | 064058 | 063976 |      |
| STEEL STUDS BOX 350 059443 | x1     | x1     | x1     | x100   | x1     | x100   | x1     | x100   | x100     | x100   | x1     | x100   | x200   | x1     | x200   | x1     | x100 |

| Alu                      | Ø 4 mm |        | Ø 5 mm |        | Ø 6 mm |        | Ø 7.1 mm |        | Ø 8 mm |        |        |        |        |
|--------------------------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|
|                          | 059634 | 059641 | 049000 | 059573 | 048157 | 059580 | 048164   | 059597 | 064010 | 064041 | 064027 | 064058 | 063983 |
| ALU STUDS BOX 350 059436 | x1     | x1     | x1     | x100   | x1     | x100   | x1       | x100   | x1     | x100   | x200   | x1     | x100   |

| STUDS HOLDER BOX 350 064591 | 350 A  |        |        |        |        |        |        |        | ARC PULL DIFFICULT ACCESS BOX 350 070813 | 350 A  |        |        |        |        |        |        |        |        |        |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                             | 059634 | 059641 | 064065 | 049000 | 048157 | 048164 | 064041 | 064058 |  | 070714 | 059634 | 059641 | 070806 | 070790 | 070752 | 070769 | 070776 | 070783 | 070714 |
| x1                          | x1     | x1     | x2     | x1     | x1     | x1     | x1     | x1     | x1                                       | x1     | x1     | x1     | x1     | x1     | x1     | x1     | x1     | x1     | x1     |

# GYSPOT ARC PULL 700 - ACCESSORIES & CONSUMABLES

**700 → 350**  
 for ceramic ferrules Ø6 + Ø8    Adaptor 075979

| Fourche céramique STANDARD | Complete stand ceramic ferrule Standard 700 068322 |        |        |        |        | Portes-ancres à béton - Shear connector holders |     |     |      |      |    |
|----------------------------|--|--------|--------|--------|--------|---|-----|-----|------|------|----|
|                            | 068582   | 068445 | 068391 | 068407 | 068414 | 068421  | Ø 6 | Ø 8 | Ø 10 | Ø 12 |    |
| x1                         | x1   | x1     | x1     | x1     | x1     | x1  | x1  | x1  | x1   | x1   | x1 |

| Fourche céramique GRIFFE | Complete stand ceramic ferrule Grip 700 068339 |        |        |        |        | Fourche protection gazeuse |     |     |      |      |
|--------------------------|--|--------|--------|--------|--------|----------------------------|-----|-----|------|------|
|                          | 068575   | 068353 | 068360 | 068377 | 068384 | 068346                     | Ø 6 | Ø 8 | Ø 10 | Ø 12 |
| x1                       | x1   | x1     | x1     | x1     | x1     | x1                         | x1  | x1  | x1   | x1   |

| Ferrules céramique - Ceramic ferrule - Keramikring |        | Arc Pull 700 |        |        |  |
|--|--------|--------------|--------|--------|--|
| Type UF ISO 13918                                  | Ø 6    | Ø 8          | Ø 10   | Ø 12   |  |
| x1   | 068520 | 068537       | 065680 | 065697 |  |
|  | x 500  | x 500        | x 500  | x 500  |  |

| Goujons - Studs - Bolzen |        | Arc Pull 700 |        |        |  |
|--------------------------|--------|--------------|--------|--------|--|
| Type DD ISO 13918        | M6x20  | M8x20        | M10x20 | M12x50 |  |
| 20-50 mm                 | 068506 | 068513       | 065659 | 065673 |  |
|                          | x 500  | x 500        | x 500  | x 500  |  |

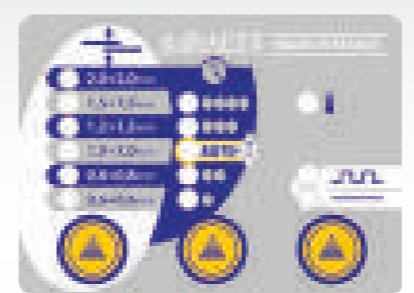
| Type SD ISO 13918 | 100 mm | Ancre à béton - Concrete anchor - Betonanker |  |  |  |
|-------------------|--------|--|--|--|--|
| x1                |        |  |  |  |  |
|                   |        |  |  |  |  |

**350 → 700** Universal adaptor 077492  
 for mandrels



# SPOT WELDING

PORTASPOT



MADE IN FRANCE

**PORTASPOT 230**  
 230 V • 1 ~  
**6 300 A 120 daN**

| 50/60 Hz | A     | A     | A    | mm  | V   | m   | mm²          | 100% CU | (no arm) cm  | kg |
|----------|-------|-------|------|-----|-----|-----|--------------|---------|--------------|----|
| 1 x 230V | 16(D) | 6 300 | 8900 | 2+2 | 2.5 | 2.5 | 3x2.5 H05VVF | OK      | 36 x 29 x 10 | 10 |

delivered with PX1 : 022256

| OPTIONS | ARMS Cu Ø23mm | ELECTRODES | CAPS & ACCESSORIES |
|---------|---------------|------------|--------------------|
|         |               |            |                    |





# VALIDATION SET

## CHARGE D'ÉTALONNAGE - Load bank - Lichtbogen-Last-Simulator

**Caliweld LOAD 550A**  
060425



MADE IN FRANCE

|         |                         |
|---------|-------------------------|
|         | 550 A @ 3% (MIG)        |
| MMA     | 5>550 A                 |
| TIG     | 5>550 A                 |
| MIG/MAG | 5>550 A                 |
| X%      | <b>3%</b>               |
| ↓/▲     | 60 x 27 x 50 cm / 16 kg |



### Options

#### MIG EURO CONNECTION

Câble connexion EURO MIG avec commande à distance - Calibration cable with euro torch connector and remote control  
316 A @ 60%  
054097



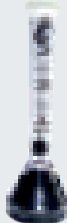
#### CABLE

Rallonge câble, connexions texas (mâle + femelle)

|       |                    |        |
|-------|--------------------|--------|
| 1.3 m | 95 mm <sup>2</sup> | 033689 |
| 5 m   | 95 mm <sup>2</sup> | 032439 |
| 10 m  | 95 mm <sup>2</sup> | 032446 |
| 20 m  | 95 mm <sup>2</sup> | 036673 |



## CONTRÔLE DU GÉNÉRATEUR - Generator control - Prüfgeräte



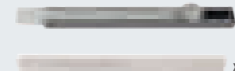
Débimètre de bout de torche  
- Torch Gas Flow-Meter  
- Durchflussmesser  
053939



Pince ampèremétrique  
- Clamp-on ammeter  
- Strommesszange  
**400 A**  
053991  
**600 A**  
053984

## MARQUEURS & CRAIES - Markers & Chalk - Marker & Kreide

Compatibles Soudure - Welding compatible - Lötfähig



Support craies plates & Craies plates compatibles soudure  
- Flat chalk holder  
& Welding compatible flat chalks  
- Flache Kreidehalter & Lötkompatible Flachkreiden  
**Stéatite - Soapstone - Speckstein**  
069374



Marqueurs blancs industriels  
- Industrial white markers  
- Industrielle weiße Marker  
069343



Marqueur trous profonds  
- Deep hole marker  
- Tieflochmarkierer  
069350

## CONTRÔLE DE PIÈCES - Metal control - Werkstückprüfgeräte

Crayon marqueur thermique  
- Thermal marking pencil  
- Thermo-Prüfstift  
**121°C - 250°F**  
052765



Jauge pour cordon de soudage  
- Welding Gauge  
- Schweißnahtlehre  
053977



Calibre d'épaisseur de tôle  
- Sheet thickness gauge  
- Blechdickenmessgerät  
**0,6 > 8 mm**  
071414



Thermomètre infrarouge  
- Infrarot Thermometer  
- Infrarot Thermometer  
**-50/+380°C,**  
**-58/+716°F**  
052994



Miroir d'inspection flexible magnétique  
- Flexible inspection mirror (magnetic)  
- Flexibler, magnetischer Inspektionsspiegel  
**400 mm**  
060623

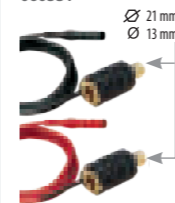


## VALISE D'ÉTALONNAGE - Validation/calibration set - Kalibrierungsset

**GCU 1.0**  
060456

### Included connections

**VM1**  
Voltage measurement cables (2m)  
060531



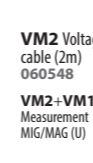
**GM1**  
Gas measurement (2m)  
060555



**USB1**  
USB 2.0 cable (1.5m)  
060609



**PC1**  
Power cable (2m)  
50 mm<sup>2</sup>  
Texas CM50.21  
060593



**DRC1**  
Command cable DIN/DIN (2m)  
060579

**ARC1**  
Command cable DIN/Amphenol (2m)  
060586

**RC1**  
Remote control DIN (2m)  
060562

RC1 + ECM1 ✓  
RC1 + DRC1 ✓  
RC1 + ARC1 ✓



Discover it on  
**YouTube**



MADE IN FRANCE

IP67

HF PROTECTION

■ **Etablissement de QMOS et suivi des DMOS** - Creations of WPQR followed by WPS - Erstellung von WPQR und Nachverfolgung von WPS

■ **Vérification périodique du matériel de soudage** - Regular welding equipment checks - Periodische Überprüfung des Schweißgerätes



### Applications:



| Parameters (precision) |                    |                     |                     | FV         | ↓               | IP       |
|------------------------|--------------------|---------------------|---------------------|------------|-----------------|----------|
| U                      | I                  | ⊗                   | Gas calibration     |            |                 |          |
| TRMS-Instant-Average   |                    |                     |                     | 50/60Hz    | 21 x 43 x 57 cm | 12 kg 67 |
| 1 > 120 V (± 0.5%)     | 1 > 500 A (± 0.5%) | 1 > 30 m/min (± 1%) | 1 > 30 L/min (± 5%) | 85 > 265 V |                 |          |

Multimètre - Multimeter - Multimeter



Mesure d'énergie - Energy tracking - Energiemessung



Validation - Calibration - Kalibrierung



EN 1090

EN 50 504

EN 60974-14

SOFTWARE INCLUDED 5 languages (FR/EN/DE/ES/IT)

### OPTIONS

**ECM1**  
060524



**ECM1+VM1**  
Measurement MIG/MAG (U/I/⊗/Gas)

Tachymètre vitesse fil  
- Wire Speed Meter  
- Geschwindigkeitsmesser  
060517



### Packs Caliweld

| PACK                             | 060630 | 060456 | connections included | 060524 | 060425 | 060647 | —      |
|----------------------------------|--------|--------|----------------------|--------|--------|--------|--------|
| <b>PACK Complete Calibration</b> | 060630 | 060456 | connections included | 060524 | 060425 | 060647 | —      |
| <b>PACK Calibration</b>          | 060654 | 060456 | connections included | 060524 | —      | —      | —      |
| <b>PACK Tracking Calibration</b> | 060661 | 060456 | connections included | —      | —      | —      | 060517 |



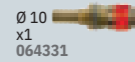
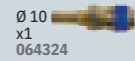
# POWER SOURCE EQUIPMENT

|                  |     |
|------------------|-----|
| COOLING UNITS    | 100 |
| HEAVY DUTY CASES | 101 |
| TROLLEYS         | 102 |

# COOLING UNITS

GROUPES FROIDS - KÜHLAGGREGATE - GRUPOS DE REFRIGERACIÓN

Cooling liquid  
(not included)



| COOLING UNITS    | 50/60 Hz | W    | ⚙️    | ⚖️ | COMPATIBILITY                                   |
|------------------|----------|------|-------|----|---|
|                  |          |      | kg    |    |   |
| WCU 0.5kW A      | 230V 1~  | 500  | 1.5 L | 8  | TIG 220 DC                                      |
| KOOLWELD 1       | 24 V DC  | 800  | 5.5 L | 15 | TITANIUM 230                                    |
| KOOLWELD 2       | 400V 2~  | 890  | 5.5 L | 17 | NEOMIG-i 400G / 500G                            |
| WCU 1kW B        | 400 V 3~ | 1000 | 3 L   | 15 | TIG 300 DC                                      |
| WCU 1kW C        | 400V 3~  | 1000 | 5.5 L | 17 | TITAN 400 DC, TITANIUM 400 AC/DC, NEOPULSE 320C |
| EXACOOOL         | 400 V 3~ | 1000 | 5.5 L | 20 | EXAGON  |
| NEOCOOL/TWINCOOL | 400 V 3~ | 1000 | 5.5 L | 20 | NEOPULSE 400G / 500G                            |

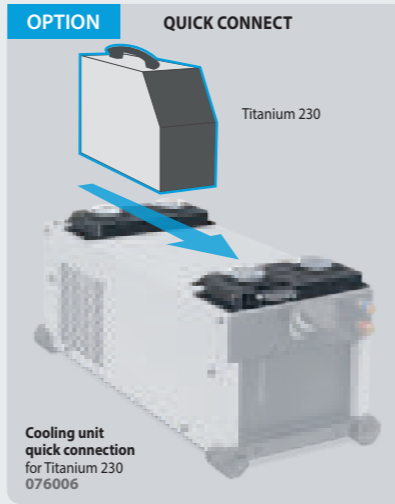
## GROUPES DÉDIÉS - Dedicated units



**WCU 0.5kW A**  
↕ 48 x 16 x 23 cm  
039490



**KOOLWELD 1**  
↕ 56 x 22 x 30 cm  
070820



**WCU 1kW B**  
↕ 48 x 23 x 24 cm  
032217



**KOOLWELD 2**  
↕ 56 x 22 x 30 cm  
075115



**WCU 1kW C**  
↕ 68 x 23 x 30 cm  
013537



**EXACOOOL**  
↕ 68 x 23 x 30 cm  
032422



**NEOCOOL**  
↕ 68 x 23 x 30 cm  
032750



**TWINCOOL**  
↕ 68 x 23 x 30 cm  
065086



## GROUPES UNIVERSELS - Universal units



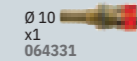
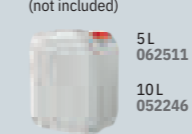
**MULTICOOL 500**  
↕ 47 x 24 x 16 cm  
069206



**MULTICOOL 1300**  
↕ 70 x 28 x 39 cm  
036628

| COOLING UNITS   | 50/60 Hz | W    | ⚙️    | ON/OFF  | ⚖️ | COMPATIBILITY          |
|-----------------|----------|------|-------|---------|----|------------------------|
|                 |          |      | kg    | COMMAND |    |                        |
| MULTI COOL 500  | 230V 1~  | 500  | 1.5 L | ✓       | 8  | all TIG 1-, all MIG 1- |
| MULTI COOL 1300 | 230V 1~  | 1300 | 7 L   | ✓       | 19 | all TIG 1-, all MIG 1- |

Cooling liquid  
(not included)



MMA  
TIG  
MIG

# HEAVY DUTY CASES

VALISE DE CHANTIER - HARTSCHALENKOFFER



Heavy-duty case  
- Valise de chantier  
- Hartschalenkoffer  
3.9 kg

for PROGYS :  
✓ 160 LA  
✓ 180A  
✓ 183 E  
✓ 200A PFC  
✓ 200E FV CEL

060432



Wheeled heavy-duty case XL  
- Valise de chantier à roulettes XL  
- Rollkoffer XL  
9.5 kg

for  
✓ GYSARC 220 FV  
✓ PROGYS 220  
✓ PROTIG 161 DC  
✓ PROTIG 221 DC  
✓ PROTIG 200 AC/DC.  
✓ PROTIG 201 AC/DC.  
✓ EASYCUT K25

077461

**NEW**



## SKATES



**1**  
**Skate WS-4R/-4L/Easycut 35KF**  
↳ 14 x 46 x 59 cm / 7,9 kg  
↳ 10 x 71 x 25 cm / 8,3 kg  
040977



**2**  
**Skate Titan 400**  
**NEOPULSE 320C (+WCU)/**  
**NEOCUT 105/NEOCUT 125**  
↳ 115 x 53 x 76 cm / 7,8 kg  
↳ 10 x 35 x 70 cm / 8,3 kg  
037717



**3**  
**Skate Titanium 400**  
**NEOPULSE 320C (+WCU)/**  
**NEOCUT 105/NEOCUT 125**  
↳ 10 x 35 x 70 cm / 8 kg  
073593

### COMPATIBILITIES

| TIG                | 1 | 2      | 3      |
|--------------------|---|--------|--------|
| TITAN 400 DC       |   | ✓      |        |
| TITANIUM 400 AC/DC |   |        | ✓      |
| MIG                | 1 | 2      | 3      |
| WS4-R / WS-4L      | ✓ |        |        |
| NEOPULSE 320 C     |   | +WCU ✓ | +WCU ✓ |
| PLASMA             | 1 | 2      | 3      |
| EASYCUT K35F       | ✓ |        |        |
| NEOCUT 105         |   | ✓      | ✓      |
| NEOCUT 125         |   | ✓      | ✓      |

## PLASMA



**4**  
**PLASMA 600**  
↳ 62 x 39 x 57 cm / 8,2 kg  
↳ 10 x 30 x 63 cm / 8,8 kg  
040298



**5**  
**UNIVERSAL 800**  
↳ 139 x 48 x 62 cm / 17,6 kg  
↳ 15 x 52 x 80 cm / 18,1 kg  
051331

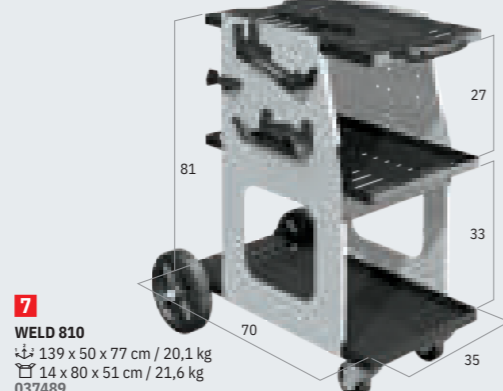
### COMPATIBILITIES

| PLASMA             | 4 | 5 |
|--------------------|---|---|
| EASYCUT K25        | ✓ | ✓ |
| EASYCUT K35F       | ✓ | ✓ |
| EASYCUT 30 FV      | ✓ | ✓ |
| EASYCUT 40         | ✓ | ✓ |
| CUTTER 45 CT       | ✓ | ✓ |
| INDUCTION          | 4 | 5 |
| POWERDUCTION 37 LG | ✓ | ✓ |

## 4M<sup>3</sup>



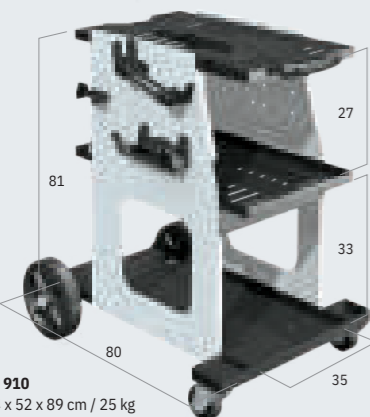
**6**  
**WELD 610**  
↳ 62 x 43 x 77 cm / 9,5 kg  
↳ 12 x 80 x 30 cm / 10,5 kg  
040281



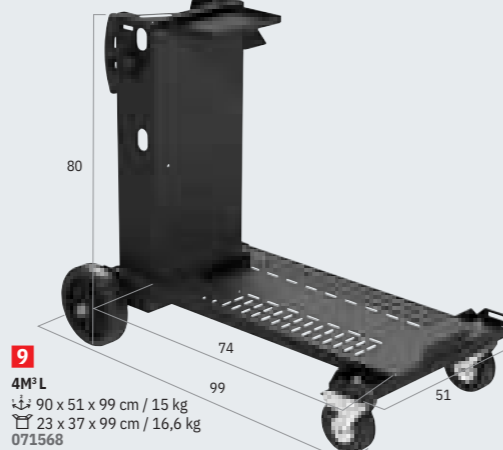
**7**  
**WELD 810**  
↳ 139 x 50 x 77 cm / 20,1 kg  
↳ 14 x 80 x 51 cm / 21,6 kg  
037489

### COMPATIBILITIES

| TIG                  | 6 | 7 | 8 | 9 |
|----------------------|---|---|---|---|
| TIG 160 DC lift      | ✓ | ✓ |   |   |
| TIG 161 DC           | ✓ | ✓ |   |   |
| PROTIG 200 DC        |   |   | ✓ | ✓ |
| PROTIG 201 DC FV     | ✓ | ✓ | ✓ | ✓ |
| PROTIG 220 DC FV     |   |   | ✓ | ✓ |
| PROTIG 221 DC FV     | ✓ | ✓ | ✓ | ✓ |
| TIG 300 DC           |   |   | ✓ | ✓ |
| PROTIG 200 AC/DC     | ✓ | ✓ | ✓ | ✓ |
| PROTIG 201 (L) AC/DC | ✓ | ✓ | ✓ | ✓ |
| TIG 220 AC/DC        |   |   | ✓ | ✓ |
| MIG                  | 6 | 7 | 8 | 9 |
| MULTIPEARL 210-2     | ✓ | ✓ | ✓ | ✓ |
| MULTIPEARL 210-4 XL  | ✓ | ✓ | ✓ | ✓ |
| MULTIWELD T-C        |   |   | ✓ | ✓ |
| NEOPULSE 220 C       |   |   | ✓ | ✓ |
| NEOPULSE 220 C XL    |   |   | ✓ | ✓ |
| NEOPULSE 320 C       |   |   | ✓ | ✓ |



**8**  
**WELD 910**  
↳ 84 x 52 x 89 cm / 25 kg  
↳ 22 x 80 x 52 cm / 27 kg  
070967

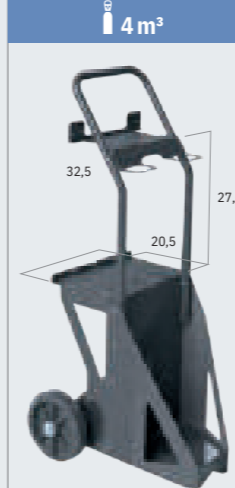


**9**  
**4M<sup>3</sup>L**  
↳ 90 x 51 x 99 cm / 15 kg  
↳ 23 x 37 x 99 cm / 16,6 kg  
071568

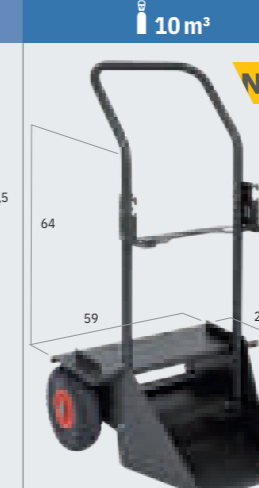
## DIABLES - Sack truck - Fahrwagen mit Rädern



**10**  
**Diable JOBSITE XL**  
↳ 118 x 61 x 60 cm / 18,3 kg  
↳ 20 x 47 x 66 cm / 19,5 kg  
039568



**11**  
**Diable 4m<sup>3</sup>**  
↳ 106 x 46 x 50 cm / 15,7 kg  
↳ 36 x 43 x 73 cm / 16,4 kg  
015678



**12**  
**Diable 10m<sup>3</sup> XL**  
↳ 118 x 61 x 61 cm / 19 kg  
↳ 29 x 80 x 53 cm / 19,5 kg  
076341

### COMPATIBILITIES

| MMA                  | 10       |
|----------------------|----------|
| 400 TRI              | ✓        |
| PROGYS FLEX 280 CEL  | ✓        |
| EXAGON 400           | ✓        |
| TIG                  | 10 11 12 |
| TIG 160 DC lift      | ✓ ✓ ✓    |
| TIG 161 DC           | ✓ ✓ ✓    |
| PROTIG 200 DC        | ✓ ✓ ✓    |
| PROTIG 201 DC FV     | ✓ ✓ ✓    |
| PROTIG 220 DC FV     | ✓ ✓ ✓    |
| PROTIG 221 DC FV     | ✓ ✓ ✓    |
| TIG 300 DC           | ✓ ✓ ✓    |
| TITAN 400 DC         | ✓ ✓ ✓    |
| PROTIG 200 AC/DC     | ✓ ✓ ✓    |
| PROTIG 201 (L) AC/DC | ✓ ✓ ✓    |
| TIG 220 AC/DC        | ✓ ✓ ✓    |
| TITANIUM 230 AC/DC   | ✓ ✓ ✓    |
| TITANIUM 400 AC/DC   | ✓ ✓ ✓    |
| MIG                  | 10       |
| MULTIPEARL 210-2     | ✓        |
| MULTIPEARL 210-4 XL  | ✓        |
| MULTIWELD T-C        | ✓        |
| EXAGON 400           | ✓        |
| NEOPULSE 220 C       | ✓        |
| NEOPULSE 220 C XL    | ✓        |
| NEOPULSE 320 C       | ✓        |
| PLASMA               | 10       |
| EASYCUT K25          | ✓        |
| EASYCUT K35F         | ✓        |
| CUTTER 70 CT         | ✓        |
| NEOCUT 105           | ✓        |
| NEOCUT 125           | ✓        |



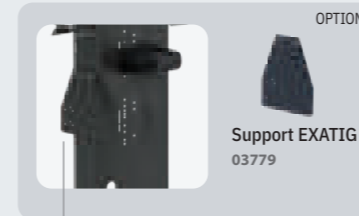
**13**  
**10m<sup>3</sup>-XL/TM1**  
↳ 103 x 48 x 100 cm / 24,5 kg  
↳ 23 x 37 x 99 cm / 26,1 kg  
041257



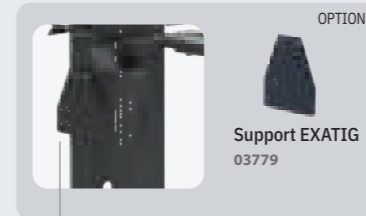
**14**  
**10m<sup>3</sup>-XL/TM2**  
↳ 91 x 54 x 96 cm / 32 kg  
↳ 27 x 42 x 84 cm / 33,2 kg  
039711



**15**  
**T/M 400 A**  
↳ 113 x 54 x 115 cm / 41,8 kg  
↳ 38 x 40 x 113 cm / 44,5 kg  
037328



**16**  
**10M<sup>3</sup>L**  
↳ 110 x 54 x 114 cm / 27,8 kg  
↳ 39 x 119 x 27 cm / 29,6 kg  
075498



**17**  
**10M<sup>3</sup>L + SUPPORT FOR WIRE FEEDER**  
↳ 110 x 54 x 117 cm / 46,5 kg  
↳ 39 x 119 x 27 cm / 48,3 kg  
077522

### COMPATIBILITIES

| MMA                          | 13 | 14 | 15 | 16 | 17 |
|------------------------------|----|----|----|----|----|
| 400 TRI                      |    |    |    | ✓  | ✓  |
| PROGYS FLEX 280 CEL          | ✓  |    |    |    |    |
| EXAGON 400                   | ✓  |    |    |    |    |
| TIG                          | 13 | 14 | 15 | 16 | 17 |
| TIG 161 DC                   | ✓  |    |    |    |    |
| PROTIG 200 DC                |    |    | ✓  |    |    |
| PROTIG 201 DC FV             | ✓  |    |    |    |    |
| PROTIG 220 DC FV             |    |    | ✓  |    |    |
| PROTIG 221 DC FV             | ✓  |    |    |    |    |
| TIG 300 DC                   |    |    | ✓  |    |    |
| TITAN 400 DC (+ WCU 1 kW C)  |    |    | ✓  | ✓  | ✓  |
| PROTIG 200 AC/DC             | ✓  |    |    |    |    |
| PROTIG 201 (L) AC/DC         | ✓  |    |    |    |    |
| TIG 220 AC/DC                |    |    | ✓  |    |    |
| TITANIUM 400 AC/DC           |    |    | ✓  |    |    |
| MIG                          | 13 | 15 | 16 | 17 |    |
| MULTIPEARL 210-2             | ✓  |    |    |    |    |
| MULTIWELD T-C                |    | ✓  |    |    |    |
| NEOMIG-i 400G (+ KOOLWELD 2) | ✓* | ✓  |    |    |    |
| NEOMIG-i 500G (+ KOOLWELD 2) | ✓* | ✓  |    |    |    |
| EXAGON 400                   | ✓  | ✓  |    |    |    |
| EXAGON 400 + EXACOOOL        | ✓  | ✓  |    |    |    |
| NEOPULSE 320 C               | ✓  |    |    |    |    |
| NEOPULSE 400 G (+ NEOCOOL)   | ✓  |    |    |    |    |
| NEOPULSE 500 G (+ NEOCOOL)   | ✓  |    |    |    |    |

\*Only compatible with MIG LIFT PRO option

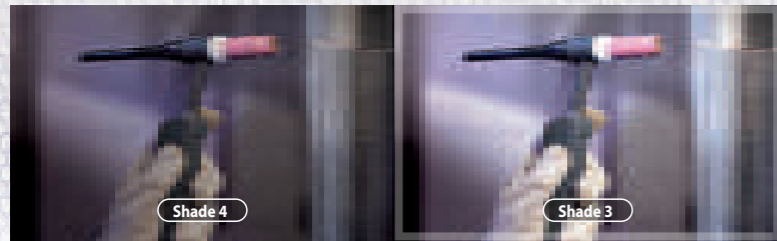


## INDIVIDUAL PROTECTIONS

|                 |     |
|-----------------|-----|
| WELDING HELMETS | 106 |
| BODY PROTECTION | 112 |
| AREA PROTECTION | 114 |
| FUME EXTRACTION | 115 |

# WELDING HELMETS TECHNOLOGIES

## Teinte initiale - Initial shade



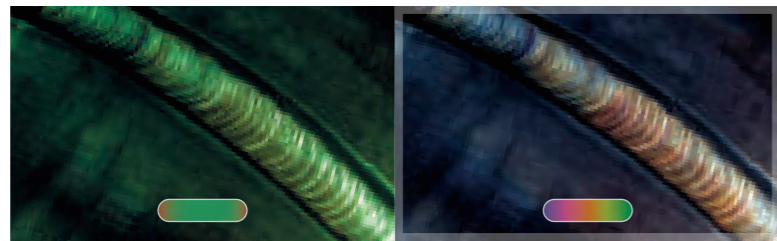
Shade 4

Shade 3

Classic

ULTRA CLEAR

## Spectre de couleur - Spectrum view



Classic

TRUECOLOR

## Capteurs sensibles - Sensitivity sensors

Classic

HIGH SENSIBILITY



Sensors x2



Sensors x4

## Classification EN379 - $\chi=/\chi=/\chi=/\chi=$

1/1/1/1 = PERFECT QUALITY

(1) Qualité optique (distorsion). (2) Diffusion de la lumière (contraste). (3) Variation de la transmission lumineuse (homogénéité de la teinte foncée). (4) Lumière angulaire (filtre de rayons lumineux diagonaux).

(1) Optical quality (distortion). (2) Light diffusion (contrast). (3) Variation of light transmission (homogeneity of the dark shade). (4) Angular light (diagonal light ray filter).

(1) / (2) / (3) / (4)

## Serre-tête - Headgear



Simple

Multi

MULTI PRO

MULTI PREMIUM

Comfortable back

EN 175 - EN 379

## MANUAL WELDING HELMETS SHADE 11



Masque pliable  
- Foldable mask  
- Faltbare leder-Schutzmaske  
064201



Verres - Lenses -  
Schutzgläser  
042605



HAND MASK 11  
042209

GRIND



Manual  
FLIP FLAP 0/11  
042513

EN 175 - EN 379

## WELDING HELMETS SHADE 11



LCD TECHNO 11  
064997

98 x 35 mm | 0.6 ms

TRUECOLOR



LCD MASTER 11  
043442

100 x 49 mm | 0.5 ms

TRUECOLOR



LCD SPACE 11  
TRUECOLOR  
062245

100 x 49 mm | 0.5 ms

TRUECOLOR



LCD EXPERT 11  
CARBON  
040755

100 x 49 mm | 0.5 ms

TRUECOLOR



LCD INVADER 11  
TRUECOLOR  
062252

100 x 49 mm | 0.5 ms

TRUECOLOR

## WELDING HELMETS 9-13

GRIND GRIND MODE



98 x 43 mm

0.3 ms

GRIND

+

(100) x 4



HERMÈS SILVER  
040908



HERMÈS RED  
040885



HERMÈS GOLD  
040892

|                  | Intensity (A) |    |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------------|---------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  | 1.5           | 70 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
| TIG              | 8             | 9  | 10  | 11  | 12  | 13  |     |     |     |     |     |     |     |     |     |
| MAG              | 8             | 9  | 10  | 11  | 12  | 13  |     |     |     |     |     |     |     |     |     |
| MIG              |               |    | 9   | 10  | 11  | 12  | 13  | 14  |     |     |     |     |     |     |     |
| MIG light alloys |               |    |     | 10  | 11  | 12  | 13  | 14  |     |     |     |     |     |     |     |
| PLASMA           |               |    | 9   | 10  | 11  | 13  |     |     |     |     |     |     |     |     |     |

| VERRES - Lenses - Schutzgläser | 105x50 (x50) | 042629 | 105x50 (x50)  | 042643 | HANDMASK 11              | 11          | TRUECOLOR | 0.6 ms  | 0.35 ms  | 1/1/1/1 | 98x35 mm  | ☀               | Simple | 420 g | Gys    |
|--------------------------------|--------------|--------|---------------|--------|--------------------------|-------------|-----------|---------|----------|---------|-----------|-----------------|--------|-------|--------|
|                                |              |        |               |        |                          |             |           |         |          |         |           |                 |        |       |        |
|                                | 110x90 (x5)  | 040816 | 110x90 (x5)   | 076815 | FLIP FLAP 0/11           | 11          |           |         |          |         | 97x80 mm  |                 | Simple | 425 g | Gys    |
|                                | 110x90 (x5)  | 040816 | 102x40 (x5)   | 040830 | LCD TECHNO 11            | 3>11        | ☑         | 0.60 ms | 0.35 ms  | 1/1/1/1 | 98x35 mm  | ☀               | Simple | 420 g | Gys    |
|                                | 110x90 (x5)  | 040816 | 104x55 (x5)   | 040847 | LCD MASTER 11            | 3>11        | ☑         | 0.50 ms | 0.35 ms  | 1/1/1/1 | 100x49 mm | ☀               | Simple | 400 g | Gys    |
|                                | 392x117 (x3) | 065215 | 103.6x54 (x5) | 040809 | LCD SPACE 11 TRUECOLOR   | 3>11 + 2x:5 | ☑         | 0.50 ms | 0.35 ms  | 1/1/1/1 | 100x49 mm | ☑               | Multi  | 470 g | Gys    |
|                                | 119x98 (x5)  | 040823 | 104x55 (x5)   | 040847 | LCD EXPERT 11 CARBON     | 3>11        | ☑         | 0.50 ms | 0.35 ms  | 1/1/1/1 | 100x49 mm | ☀               | Simple | 480 g | Gys    |
|                                | 110x90 (x5)  | 040816 | 103.6x54 (x5) | 040809 | LCD INVADER 11 TRUECOLOR | 3>11        | ☑         | 0.50 ms | 0.35 ms  | 1/1/1/1 | 100x49 mm | ☑               | Multi  | 480 g | Gys    |
|                                | 115x102 (x5) | 040793 | 103.6x54 (x5) | 040809 | HERMES                   | 4-9>13      |           | 0.30 ms | 0.10>1 s | 1/1/1/3 | 98x43 mm  | ☀ + 2 (CR 2032) | Simple | 520 g | Toolit |



◀ 98 x 43 mm

☐→■ 0.3 ms

GRIND +



EXPERT 9/13 G CARBON 040878



EXPERT 9/13 G 042216

◀ 92 x 42 mm

☐→■ 0.1 ms

TRUECOLOR



LCD TECHNO 9/13 065048



◀ 92 x 42 mm

☐→■ 0.1 ms

GRIND TRUECOLOR



LCD VENUS 9/13 G IRON TRUECOLOR 064980



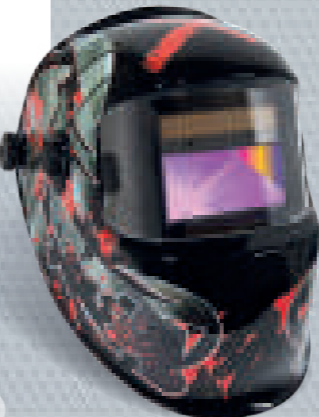
LCD VENUS 9/13 G BONES TRUECOLOR 064973



LCD VENUS 9/13 G TRUECOLOR 064966

WELDING HELMETS

5-9/9-13



◀ 100 x 49 mm

☐→■ 0.1 ms

GRIND TRUECOLOR



PROMAX 9/13 G VOLCANO 037205



PROMAX 9/13 G SHARK 037199



PROMAX 9/13 G SILVER 045774



LCD FIREMAN 9-13 TRUECOLOR 062269



LCD GYSMATIC 9/13 G TRUECOLOR 043909

◀ 100 x 60 mm | ☐→■ 0.08 ms

GRIND + (x1) x4 TRUECOLOR

**LCD GYSMATIC 9/13 G AIR TRUECOLOR**  
065727

Filtration class EN 12941 : TH2 P R SL  
Air 165 / 200 / 220 L/min  
Battery included  
OPTION Filter TH3 065734

Battery charger 037472 028869  
Battery included 037465  
038424 x1  
038417 x5



◀ 100 x 67 mm

☐→■ 0.1 ms

GRIND + (x1) x4 TRUECOLOR



ZEUS 5-9/9-13 G INDIAN 038332



ZEUS 5-9/9-13 G FIRE 044098



ZEUS 5-9/9-13 G COSMIC 044104

OPTIONS



Bandeau anti-transpiration - Antiperspirant - headband  
043466 for Simple, Multi, Multi Premium  
062627 for Multi Pro  
070844 (x1) for Gysmatic 5/13 Air XXL x2

Loupe - Magnifying glass (x1)  
zoom x2 042780  
zoom x3 064140

VERRES - Lenses - Schutzgläser

|                 |        |                    |        |                               |            | TRUE COLOR | ☐→■     | ☐→■ HF | ☐→■ DELAY   | ☐→■     | ))) | ◀→▶            | ◂◃ | ☼                 | ☼ | ☼             | ☼     | ☼      | ☼ | MASK BRAND |
|-----------------|--------|--------------------|--------|-------------------------------|------------|------------|---------|--------|-------------|---------|-----|----------------|----|-------------------|---|---------------|-------|--------|---|------------|
| 111x91 (x5)     | 063723 | 103.6 x 54 (x5)    | 040809 | EXPERT 9/13 G                 | 4-9>13     | —          | 0.30 ms | —      | 0.10>1 s    | 1/1/1/3 | 2   | 98x43 mm       | ☼  | ☼ + 2 ☼ (CR 2032) | ☼ | Simple        | 540 g | Toolit |   |            |
| 110x90 (x5)     | 040816 | 95.5 x 50.5 (x5)   | 040854 | LCD TECHNO 9/13               | 4-9>13     | ☐          | 0.10 ms | —      | 0.10>0.8 s  | 1/2/1/1 | 2   | 92x42 mm       | ☐  | ☼                 | ☐ | Simple        | 440 g | Gys    |   |            |
| 226 x 106 (x5)  | 045781 | 103.6 x 54 (x5)    | 077621 | LCD FIREMAN 9-13 TRUECOLOR    | 3-9>13     | ☐          | 0.10 ms | —      | 0.10>0.8 s  | 1/1/1/2 | 2   | 100x49 mm      | ☐  | ☼                 | ☐ | Multi         | 560 g | Gys    |   |            |
| 114x133 (x10)   | 043893 | G : 106 x 66 (x10) | 043886 | LCD GYSMATIC 9/13 G TRUECOLOR | 4-9>13     | ☐          | 0.08 ms | ☑      | 0.10>0.90 s | 1/1/1/2 | 4   | XL : 100x60 mm | ☐  | ☼ + 2 ☼ (CR 2450) | ☐ | Simple        | 580 g | Gys    |   |            |
| 110x90 (x5)     | 040816 | 95.5 x 50.5 (x5)   | 040854 | LCD VENUS 9/13 G TRUECOLOR    | 3-9>13     | ☐          | 0.10 ms | —      | 0.10>0.8 s  | 1/1/1/2 | 2   | 92x42 mm       | ☐  | ☼                 | ☐ | Multi         | 480 g | Gys    |   |            |
| 226x106 (x5)    | 045781 | 103.6 x 54 (x5)    | 077621 | PROMAX 9/13 G                 | 4-5>9/9>13 | ☐          | 0.10 ms | —      | 0.10>0.8 s  | 1/1/1/2 | 2   | 100x49 mm      | ☐  | ☼                 | ☐ | Multi Premium | 560 g | Gys    |   |            |
| 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5)  | 043695 | ZEUS                          | 4-5>9/9>13 | ☐          | 0.10 ms | —      | 0.15>0.8 s  | 1/1/1/2 | 4   | XL : 100x67 mm | ☐  | ☼ + 2 ☼ (CR 2450) | ☐ | Simple        | 520 g | Gys    |   |            |

**WELDING HELMETS**  
**5-9/9-13**



100 x 67 mm **+** 0.1 ms **GRIND** **+** **ULTRA CLEAR 3** **+** CLASS 1/1/1/1 **TRUECOLOR**



100 x 90 mm **+** 0.1 ms **GRIND** **+** **ULTRA CLEAR 3** **+** CLASS 1/1/1/1 **TRUECOLOR**



**ERGOTECH + 5-9/9-13 DREAM 068674**  
**ERGOTECH + 5-9/9-13 SILVER 068650**  
**ERGOTECH + 5-9/9-13 BLACK 068667**  
**ALIEN + TRUECOLOR XXL 068698**

**GYSMATIC XL TRUECOLOR 037908**  
**GYSMATIC XXL TRUECOLOR 037236**

100 x 60 mm | 0.08 ms **GRIND** **+** **TRUECOLOR**  
100 x 83 mm | 0.1 ms **GRIND** **+** **DIGITAL** **TRUECOLOR**



**GYSMATIC 5/13 AIR XXL TRUECOLOR 047846**  
028852  
Filtration class EN 12941 : TH2 P R SL Air 165 / 200 220 L/min Battery included  
**OPTION Filter TH3 065734**

Battery charger 037472 : 028869  
Battery included 037465  
038424 x1  
038417 x5

**PANORAMIC VIEW**

|                                     |                |                             |                |
|-------------------------------------|----------------|-----------------------------|----------------|
| <b>APOLLO+ 5-9/9-13 G TRUECOLOR</b> | Fixed DIN 5    | ☐→■ DIN 3 > 5/13 Adjustable | Fixed DIN 5    |
| <b>PANORAMIC 3XL TRUECOLOR</b>      | ☐→■ DIN 3 > 10 | ☐→■ DIN 3 > 4/12 Adjustable | ☐→■ DIN 3 > 10 |



**APOLLO+ 5-9/9-13 G TRUECOLOR 068681**  
Fixed shade 5, 4-5-9/9-13 Adjustable, Fixed shade 5  
100 x 67 mm **+** 0.1 ms **GRIND** **+** **PANORAMIC** **+** **ULTRA CLEAR 3** **TRUECOLOR**

**PANORAMIC 3XL TRUECOLOR 037281**  
Shade 3-10, 3-4-8/8-12 Adjustable, Shade 3-10  
114 x 85 mm | 0.15 ms **GRIND** **+** **PANORAMIC** **+** **ULTRA CLEAR 3** **TRUECOLOR**

**OPTIONS**

Sac pour masque de soudage - Carry bag for helmet welding 066656

Bandeau anti-transpiration - Antiperspirant - headband 043466 for Simple, Multi, Multi Premium; 062627 for Multi Pro; 070844 (x1) for Gysmatic 5/13 Air XXL

Loupe - Magnifying glass (x1) zoom x2 042780; zoom x3 064140

**VERRES - Lenses - Schutzgläser**

|                 |        |                   |        |  |                      |   | TRUE COLOR |   |              |         |                    |                               |   |                 |               |       |     |  |  | MASK BRAND |
|-----------------|--------|-------------------|--------|--|----------------------|---|------------|---|--------------|---------|--------------------|-------------------------------|---|-----------------|---------------|-------|-----|--|--|------------|
| 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5) | 077102 | <b>ERGOTECH +</b>                      | 3-5>9/9>13           | ■ | 0.10 ms    | — | 0.15 > 0.8 s | 1/1/1/1 | 4 HIGH SENSITIVITY | XL : 100x67 mm                | ■ | ☼ + 2 (CR 2450) | Multi Premium | 580 g | Gys |  |  |            |
| 114 x 133 (x10) | 043893 | 104 x 96 (x5)     | 043596 | <b>ALIEN + XXL TRUECOLOR</b>           | 3-5>9/9>13           | ■ | 0.10 ms    | ✓ | 0.15 > 0.8 s | 1/1/1/1 | 4 HIGH SENSITIVITY | XXL : 100x90 mm               | ■ | ☼ + 2 (CR 2032) | Multi Premium | 560 g | Gys |  |  |            |
| 110 x 90 (x5)   | 040816 | 106 x 66 (x10)    | 043886 | <b>GYSMATIC XL TRUECOLOR</b>           | 4-5>9/9>13           | ■ | 0.08 ms    | ✓ | 0.1 > 0.9 s  | 1/1/1/1 | 4 HIGH SENSITIVITY | XL : 100x60 mm                | ■ | ☼ + 2 (CR 2450) | Simple        | 540 g | Gys |  |  |            |
| 114 x 133 (x10) | 043893 | 106 x 89.5 (x10)  | 046825 | <b>GYSMATIC 5/13 AIR XXL TRUECOLOR</b> | 4-5>9/9>13           | ■ | 0.10 ms    | ✓ | 0.1 > 0.9 s  | 1/1/1/1 | 4 HIGH SENSITIVITY | XXL : 100x83 mm               | ■ | ☼ + 2 (CR 2450) | Simple        | 680 g | Gys |  |  |            |
|                 |        |                   |        | <b>GYSMATIC XXL TRUECOLOR</b>          |                      |   |            |   |              |         |                    |                               |   |                 | Multi Pro     |       |     |  |  |            |
| 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5) | 077102 | <b>APOLLO+ 5-9/9-13 G</b>              | 3-5>9/9>13 + 2x:5    | ■ | 0.10 ms    | — | 0.15 > 0.8 s | 1/1/1/1 | 4 HIGH SENSITIVITY | XL : 100x67 + 2x103.7x69.5 mm | ■ | ☼ + 2 (CR 2450) | Multi Premium | 580 g | Gys |  |  |            |
| 390 x 150 (x3)  | 037311 | special kit (x1)  | 037304 | <b>PANORAMIC 3XL TRUECOLOR</b>         | 3-4>8/8>12 + 2x:3>10 | ■ | 0.15 ms    | ✓ | 0.15 > 0.8 s | 1/1/1/1 | 4 HIGH SENSITIVITY | 114x85 + 2x(68x80) mm         | ■ | ☼ + 2 (CR 2450) | Multi         | 610 g | Gys |  |  |            |



**MASKS RESPIRATORS - Masques respiratoires - Atemschutzmasken - Máscaras respiratorias**

**FFP3 - EN 140 / EN 143**  
(x1) Size M/L  
037014

**Étui / Case**  
037045

**FFP3 - EN 143**  
Anti poussières / Anti odeurs  
037038

**FFP3 - EN 140 / EN 143 / EN 166**  
(x1) Size M/L  
037021

**PROTECTION GOGGLES - Lunettes de protection - Schutzbrillen**  
Anti-projection/grinding - Antiprojection/meulage - Anti-proyección/amoladura - Spritzschutz/Schleifen

**EN 166**

**Shade/IR5**  
(not for welding)  
042841

**Shade/IR0**  
042810

**Shade/IR0**  
042827

**Shade/IR0**  
047778

**Shade/IR0**  
047792

**Shade/IR0**  
042865

**Shade/IR0**  
047839

**HARD HAT - Casque de chantier - Schutzhelm**

adjustable  
Ø 55>62 cm

**Shade/IR5**  
EN 397/352-3/166  
064218

-23dB

**FLAME WELDING - Soudure chalumeau - Autogenschweißen**

**Shade/IR5**  
042803

**Shade/IR5**  
042858

**PROTECTION KITS - Kits de protection - Schweißerschutzkit**

Lot de 1<sup>er</sup> Équipement du soudeur  
- Starter welding kit - Schweisserkit für Einsteiger  
070493

Lot Équipement professionnel du soudeur  
- Professional kit - Profi-Schweisserkit  
070561

**FIREPROOF HOOD - Cagoule textile de protection - Textil-Schweißer-schutzhaube - Máscara de protección**

**EN ISO 11611**  
Class 1/A1+A2  
064195

**EN ISO 11612**  
EN 1149-5  
(A1, B1, C1, F1)  
037687

**EN 470**  
EN 11611  
CLASS 1  
ISO 15025:  
CLASS 1  
045224

**WELDING GLOVES - Gants de soudage - Schweißhandschuhe - Guantes**

**TIG**

**BASIC**  
Gants PRO TIG - T10  
045194

**EN388**  
2122

**EN 407**  
422X4X  
EN12477  
Class : B

**PRO**  
Gants PRO TIG EXTRA - T10  
045323

**EN388**  
2011XX

**EN 407**  
41313X  
EN12477-B  
EN 420

**EXPERT**  
Gants de soudage renforcés - Reinforced welding gloves  
T9 : 064164 T9.5 : 064171

**EN388**  
2011XX

**EN 12477**  
TYPE B

**EN 407**  
412X4X  
EN12477  
Class : B

**MMA - MIG/MAG**

**BASIC**  
Heavy Duty - T10  
(MMA - MIG - Plasma)  
045101

**EN388**  
4244

**EN 407**  
423X4X  
EN12477  
Class : A1

**PRO**  
Gants de soudage renforcés - T10  
- Reinforced welding gloves  
045873

**EN388**  
4244

**EN 407**  
423X4X  
EN12477  
Class : A1

Bouclier protection de main en fibre de verre  
- High heat reflective fiber glass handshield with leather back  
- Hochhitzelester Handschutz mit Glasfaser und Leder rückseite

20 x 15 cm  
x1  
064157

**HANDLING GLOVES - Gants de manutention / meulage - Handschuhe - Guantes**

**Anti coupure - Anti-cut**  
T9  
045897

**EN388**  
4342

✓ écran tactile - touch screen friendly

**Anti coupure haute résistance**  
High resistance anti-cut  
**EN 420**  
**EN 388:4121**  
T9 : 045910  
T10 : 045927

**Anti coupure haute dextérité**  
- High dexterity anti-cut  
**EN 420**  
**EN 388:1121**  
T9 : 045903  
T10 : 045934

**EN388**  
2003 +A1

**EN388**  
2011 X

**T10**  
064188

**SHOES - Chaussures**

0% metal

**EN ISO 20345**  
S3 HI HR0 SRC

40 064225  
41 064232  
42 064249  
43 064256  
44 064263  
45 064270

**JACKETS - Vestes - Jacke**

**EN ISO 11611**  
Class 2-A1

**Cuir**  
Leather  
Leider

XL (52/54)  
037663

**IEC 61482-2**  
Class 1-4&A

**EN ISO 11612**  
A1+A2-B1-C1-E3-F1

**EN ISO 11611**  
Class 2-A1 & A2

**EN 1149-5**

98% cotton, 2% antistatic

S (40/42) 046313  
M (44/46) 046320  
L (48/50) 046337

XL (52/54) 046344  
XXL (56/58) 046351

**EN ISO 11612**  
A1+B1-C1-E1-F1

**EN ISO 11611**  
A1 Class 1

**IEC 61482-2**  
Class 1

**EN 13034**  
A1 Type 6

**EN 1149-5**

74% cotton, 25% polyester, 1% carbon — 330 g/m<sup>2</sup>

S (T.2) 073760  
M (T.3) 073777  
L (T.4) 073784

XL (T.5) 073791  
XXL (T.6) 073807

**PRO**

**MULTI-USE LEATHER APRON - Tablier cuir multi-usage - Delantal de cuero multi-uso - Mehrzweck-Lederschürze**

**EN ISO 11611**  
Class 2-A1

**Cuir**  
Leather  
Leider

045200

045217

**WELDING SLEEVES - Manchettes de soudeur - Schweißärmel - Mangas protectoras**

**Cuir**  
Leather  
Leider

450 mm

x2

**Cuir**  
Leather  
Leider

400 mm

x2

045231

037670

**TROUSER - Pantalon - Hose**

**EN ISO 11612**  
A1+A2-B1-C1-E3-F1

**EN ISO 11611**  
Class 2-A1 & A2

**IEC 61482-2**  
Class 1-4&A

**EN 1149-5**

98% cotton, 2% antistatic

S (40/42) 046368  
M (44/46) 046375  
L (48/50) 046382  
XL (52/54) 046399  
XXL (56/58) 046412

**EN 14404**  
+A1  
Type 2

**HEAT PROTECTION COVER** - Couverture anti-chaueur - Hitzeschutzdecke - Manta anti-calor

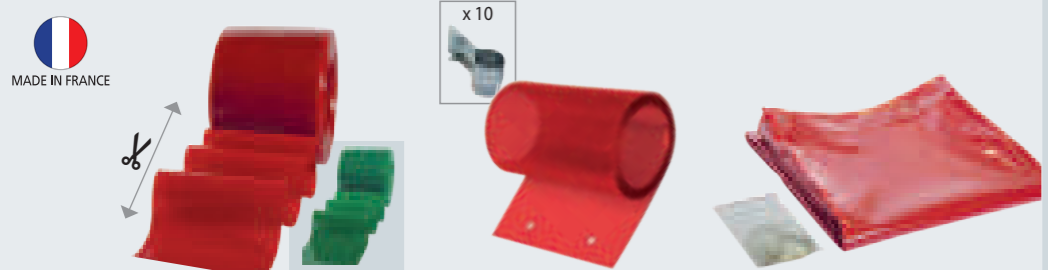


|            | PROTEC 550   | PROTEC 1200   | PROTEC 1300   | PROTEC 1300L  |
|------------|--------------|---------------|---------------|---------------|
| Protection | M0           | M0            | M0            | —             |
| t°         | 550°C/1000°F | 1200°C/2200°F | 1300°C/2400°F | 1300°C/2400°F |
| ↕ mm       | 2000 x 2000  | 1750 x 1500   | 2000 x 1800   | 2000 x 1800   |
| g/m²       | 580          | 1200          | 620           | 420           |
| ref        | 050495       | 050204        | 053595        | 060500        |

**MAGNET** - Magnethalterung

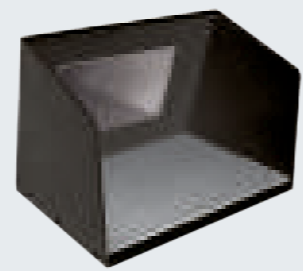


**WELDING CURTAIN AND FRAME** - écrans de protection - Schweißerschutzwand ISO 25980 / EN 1598 / AWSF2.3M:2011



|      | OPTI ROLL                  | OPTI STRIPS (PRE-DRILLED) | OPTI 140.0 |
|------|----------------------------|---------------------------|------------|
| ↔ cm | 30 x 5000                  | 30 x 180 (x8)             | 160 x 140  |
| ↕ mm | 2                          | 2                         | 0,4        |
| ref  | Red 061521<br>Green 061538 | 061514                    | 060487     |

**WELDING BOOTH** - Cabine de soudage - Schweißstand

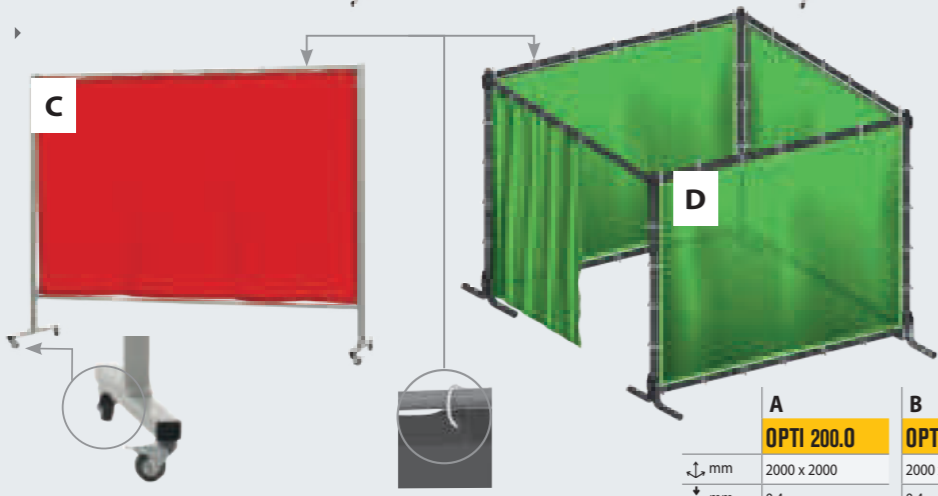


Compact  
↕ 400 x 400 x 500 mm  
060173

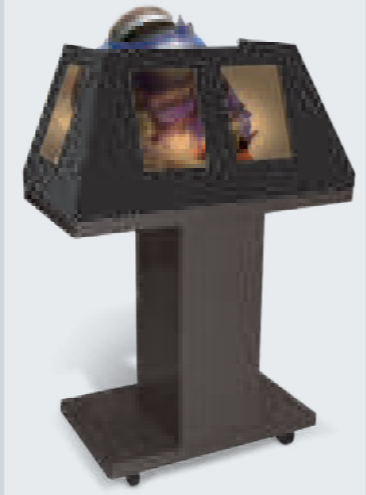
**BASIC**



**PRO**



|         | A                 | B                 | C                 | D                             |
|---------|-------------------|-------------------|-------------------|-------------------------------|
|         | <b>OPTI 200.0</b> | <b>OPTI 200.G</b> | <b>OPTI 215.0</b> | <b>OPTICAB 240</b>            |
| ↕ mm    | 2000 x 2000       | 2000 x 2000       | 2000 x 2150       | 2400 x 2400 x 1800 (H)        |
| ↕ mm    | 0,4               | 0,4               | 0,4               | 0,4                           |
| rollers | —                 | —                 | OK                | —                             |
| ref     | 060227            | 060463            | 060470            | Green 060616<br>Orange 075351 |



↕ 590 x 450 x 1000 mm  
060050

**FUME EXTRACTION SYSTEMS** - Aspirateurs de fumée - Rauchgasabsauggerät

**UNI 2.0 RE**

- 400V 3 ~
  - 50 Hz
  - 1 100 W
  - 1 500 m³/h max
  - arm 3 m
  - no plug
  - 100 kg
  - extraction 0.5 m/s
- 061545



Included  
Pré filtre, treillis Aluminium  
Class of filtration G3 EN 779  
+ Filtre - Coal Filter EPA E12  
EN 779, Filtration >99.5 %  
046467

Options  
Filtre à charbon actif -  
Coal filter  
Ø UNI 2.0 RE  
064522

Extraction flexible  
10 m, Ø 152 mm  
Ø UNI 2.0 RE  
Ø EVO 2.1 RE  
062139

**EVO 2.1 RE**

- 230V 1 ~
  - 50 Hz
  - 1 100 W
  - 1 200 m³/h max
  - occasionnal
  - arm 3 m
  - included
  - 85 kg
- 061552



Breveté  
-Patented

Included  
Pré filtre, treillis Aluminium  
Class of filtration F15 G2 EN 779  
+ Filtre - Coal Filter HEPA H13  
EN 779, Filtration >99.95%  
046498

**EVO 2.2**

- 230V 1 ~
  - 50 Hz
  - 1 100 W
  - 1 100 m³/h max
  - occasionnal
  - arm 3 m
  - included
  - 85 kg
- 073814



Included  
Pré filtre, treillis Aluminium  
Class of filtration F15 G2 EN 779  
+ Filtre - Coal Filter HEPA H13  
EN 779, Filtration >99.95%  
075177

**FUME EXTRACTION TORCHES** - Torches aspirantes - Rauchgas-Absaugbrenner - Antorcha con aspiración de humos



|                    | Acier/Inox - Steel/Stainless steel - Stahl/Edelstahl |            |            |             |
|--------------------|--|------------|------------|-------------|
|                    | AIR  |            | LIQUID     |             |
|                    | 150 A  | 250 A      | 350 A      | 500 A       |
| original equipment | M6   | M6         | M8         | M8          |
| Ø                  | Ø 0.8  | Ø 1.0      | Ø 1.2      | Ø 1.2       |
| X % 40°C - ArCo₂   | 150A - 60%   | 200A - 60% | 290A - 60% | 380A - 100% |
| GRIP               | GRIP   | GRIP       | GRIP       | GRIP        |
| L                  | 3 m  | 3 m        | 4 m        | 4 m         |
| Ref.               | 043251   | 040540     | 040557     | 040564      |

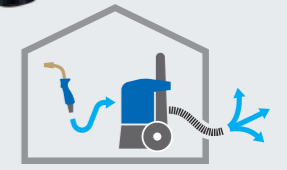
**Pour torches aspirantes - for fume Extraction Torches**



- 230V / 1 ~, 1 100 W
  - 230 m³/h max
  - 190 mbar max
  - 25 kg, 590 x 425 x 825 mm
  - 76 db
  - Système de nettoyage automatique du filtre - Filter auto cleaning system - Automatische Filterabreinigung
- Filtre Classe M, EN 60335-2-69

Included:  
5 m, Ø50

• Évacuation extérieure Ø50 (tuyau non inclus) - External evacuation Ø50 (hose not included)



# ACCESSORIES

|                                  |     |
|----------------------------------|-----|
| MISCELLANEOUS                    | 117 |
| ELECTRIC SOLDERING & GAS WELDING | 120 |
| WORKING LIGHTS                   | 122 |



### PRESSURE-REGULATORS - Manomètres-débitmètres

- Druckminderer - Regulador de presión  
- Manometer stromingsmeter - Regolatore di pressione

|          | 12L/min | 15L/min | 30L/min (Argon/CO <sub>2</sub> ) | OPTIMAPRO 30L/min (Argon/CO <sub>2</sub> ) |
|----------|---------|---------|----------------------------------|--|
| FR/ES/PT | 041820  | 041998  | 041622                           | 043619                                     |
| DE       | 041820  | 041998  | 041219                           | 043633                                     |
| UK       |         | 040274  | 041646                           | 043626                                     |
| NL       |         | 040267  | 041615                           | 043640                                     |
| IT       |         | 038691  | 038707                           |  |

Pour cartouche de gaz  
- For disposable bottle  
- Für Einweggasflaschen (Argon/CO<sub>2</sub>)  
041639

### DISPOSABLE BOTTLES

- Bouteilles de gaz jetables - Einweggasflaschen

|                          | composition % |                 | material           | L          | ref.   |
|--------------------------|---------------|-----------------|--------------------|------------|--------|
|                          | Ar            | CO <sub>2</sub> |                    |            |        |
| AR/CO <sub>2</sub> 1.8 L | 80            | 20              | Acier-Steel -Stahl | 1.8 (150L) | 043664 |
| AR/CO <sub>2</sub> 2.2 L | 80            | 20              | Acier-Steel -Stahl | 2.2 (220L) | 043671 |
| AR pur 2.2 L             | 100           | —               | Alu                | 2.2 (220L) | 043688 |

Pressure-flowmeters are country-specific: see datasheets at www.gys.fr

### GAS PREHEATER

- Préchauffeur de gaz  
- Gasvorwärmer

for CO<sub>2</sub> pur or CO<sub>2</sub>/Ar  
230V  
power: 25 W  
max pressure: 200 bar  
IP 44  
1.5 kg  
(FR & DE) 046511

Compatible: 20L/min (FR & DE) 041998, 30L/min (FR) 041622

### GAS CONNECTOR

- Raccords Gaz - Gasanschlüsse

Tuyau caoutchouc - Rubber hose  
Ø 6.3 X 13 (EN ISO 3821)  
1.5 m 066670  
4 m 046269  
8 x m 046276

### WIRE BRUSHES - Brosses - Bürsten - Brosses - Cepillos

|   |   |   | Acier - Steel - Stahl - Acero - Staal - Aço    | Inox - Stainless - Edelstahl |
|---|---|---|--|------------------------------|
| A | 4 | — | (x1) 044241<br>(x24) 044265                    | (x1) 044258<br>(x24) 044272  |
| B | 3 | — | (x1) 044227                                    | (x1) 044289                  |
| C | 2 | • | (x1) 044166                                    | —                            |
| D | — | — | (x1) Laiton - Brass 038073<br>(x1) Zinc 038080 | —                            |

### SPECIAL WELDING MAGNET

- Positionneurs magnétiques - Imán especial para soldadura - Magnetische Positionierer

|      | MAGNETIC P15.90 | MAGNETIC P16.90 | MAGNETIC P19.90 | MAGNETIC P20.180     | MAGNETIC D30.90   | MAGNETIC D50.90 DUAL | MAGNETIC D50.90 | MAGNETIC D70.90M | MAGNETIC D70.120M    | MAGNETIC D70.135M |
|------|-----------------|-----------------|-----------------|----------------------|-------------------|----------------------|-----------------|------------------|----------------------|-------------------|
|      | Classic         |                 |                 |                      | Switchable ON/OFF |                      |                 |                  |                      |                   |
| max  | 15 kg           | 16 kg           | 19 kg           | 20 kg                | 30 kg             | 50 kg                | 50 kg           | 60 kg            | 60 kg                | 60 kg             |
| ∠    | 60/90°          | 45/90/135°      | 45/90/135°      | articulated 0 > 180° | 45/90/135°        | 90°                  | 90°             | 90°              | 45/60/75/90/105/135° | 45/75/90/105/135° |
| x    | 2               | 4               | 1               | 1                    | 1                 | 1                    | 1               | 1                | 1                    | 1                 |
| ↕    | 100 x 73 x 12   | 45 x 32 x 28    | 156 x 102 x 20  | 204 x 86 x 28        | 111 x 95 x 25     | 148 x 148 x 38       | 71 x 60 x 48    | 48 x 32 x 70     | 111 x 55 x 80        | 99 x 55 x 80      |
| Ref. | 047044          | 044180          | 044203          | 044302               | 044197            | 047051               | 047075          | 047068           | 047082               | 047099            |

### AXIAL-GRIP PLIERS - Pinces axiales

050242

### LOCK-GRIP PLIERS - Pinces étai mono serrage

KIT: 050266  
X 3 X 3 X 5 X 5 = 16  
X 6 - KIT: 050112





**HAND LAMP - Lampe baladeuse- Handleuchte**

**100-250 lumens (x3)**

**TRIPODE 250 L**  
3 x 1 W COB LED

3 x 3.6 V - 300 mAh  
AAA rechargeable, Ni-MH  
USB charging (6h)  
USB power supply

**operating time**  
High position: 1 h  
Low position: 3 h  
Flashing: 5 h

↳ 260 x 100 x 100 mm  
059955

**400 lumens**

**400 L**  
COB LED

Li-ion  
Charging time: 8h  
USB power supply

**operating time**  
High position: 2.5 h  
Low position: 5 h  
Top light (1 W): 6 h

↳ 230 x 65 x 40 mm  
059153

**200-400 lumens**

**ÉTANCHE 400 L**  
COB LED

3.7 V - 2000 mAh Li-ion  
USB charging only (4/6 h)

**operating time**  
High position: 2 h  
Mid position: 4 h  
Top light (4 W): 3 h

↳ 285 x 65 x 65 mm  
IP 56  
059948

Étanche - Waterproof

**INSPECTION LAMP - Lampe inspection- Inspektionslampe**

**120-200 lumens**

**MINI 200 L**

COB LED, 80 CRI, 6500 K

3.7 V - 700 mAh Li-ion  
micro USB charging only (2.5 h)

**operating time**  
High position: 1.5 h  
Low position: 4 h  
Top light: 3.5 h

IP 20  
↳ 76 g, ↳ 174 x 27.5 x 28 mm  
060852

360°

charge indicator

120 lumens

**100-280 lumens**

**FRONTALE 280 L**

3 W COB LED  
80 CRI+  
6500 K

3.7 V - 1500 mAh Li-po  
micro USB charging only

**operating time**  
High position: 2 h  
Low position: 6 h

IP 65

↳ 110 g  
↳ 78.5 x 47.5 x 42 mm  
060845

60°

motion detection mode

**250-600 lumens**

**PRO 600 L**

COB LED, 80 CRI

3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)  
USB power supply

**operating time:**  
High position: 1.5 h,  
Mid position: 4.5 h,  
Top light (100 lumens): 10 h

↳ 190 x 56 x 29 mm  
IP 54  
210 g  
060883

**0-600 lumens**

**PRO 600 L**

COB LED  
6500 K

3.7 V - 2600 mAh Li-ion  
USB power supply

**operating time**  
1.5 > 15 h

↳ 380 x 40 x 45 mm  
300 g

057760  
058309

180°

360°

charge indicator

120 lumens

**360° AMBIANT LAMP - Lampe ambiance 360°**

**60-1000 lumens**

**1000 L**

>80 CRI SMD LED  
6500 K

3.7 V - 5200 mAh Li-ion  
USB charging (4.5h)  
USB power supply

**operating time** 2 > 27 h

↳ 260 x 75 x 75 mm  
IP 54  
450 g

059764

360°

180°

USB charging /Power supply

**WORKLIGHT WITH TRIPOD - Projecteur sur trépied- Arbeitsleuchte mit Standfuß**

**1800 lumens**

**1800 L**

3 x 55 COB LED  
total 165 LED

1.8 m power cord

059146

adjustable 1.3 m max

**UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube**

**250-800 lumens**

**800 L**

120 COB LED

3.7 V - 4000 mAh Li-ion  
charging time: 10/12 h  
Power supply charger

**operating time**  
High position: 3 h  
Low position: 6 h

058002  
058316

130 cm



**3000 lumens**

**3000 L**

35 W COB LED

2 m power cord

IP 44

059979

adjustable 1.5 m max

**4000 lumens**

**4000 L**

3 x 20 COB LED,  
total 60 LED

3 m power cord

059986

adjustable 2.3 m max

2.3 m max

**MARKETING**

Display  
- Console  
- Produkt-Aufsteller  
(machines not included)

**GYSMI 80P + 130P + 160P + E163**  
060203

**GYSMI 130P + 160P + 200P + E163**  
060449

Display stand  
- Podium de présentation  
- Podest

**PODIUM 2**  
A: 80 cm  
B: 50 cm  
C: 50 cm  
063211

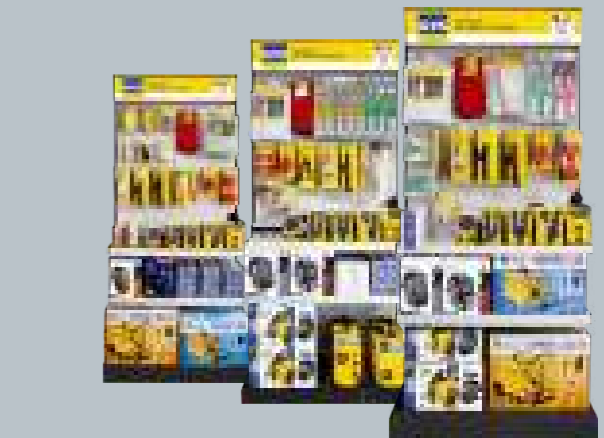
**PODIUM 1**  
A: 45 cm  
B: 50 cm  
C: 50 cm  
063204

Retail display space with 2 shelves  
- Linéaire de vente avec 2 étagères  
- Lochwandregal mit 2 Böden  
060784

Barnum 3 x 3 m  
098022

Open barnum  
2 x 2 m  
098039

Banner  
- Oriflamme  
1,75 x 0,50 m  
098015



| Type  | A      | E      | M      |
|---|--------|--------|--------|
| complete - complet  | 061002 | 061040 | 061026 |
| - komplett  |        |        |        |
| without display stand<br>- sans linéaire<br>- ohne Inhalt | 061019 | 061057 | 061033 |

more details :  
[www.gys.fr](http://www.gys.fr)



INVEST IN THE FUTURE



French manufacturer  
since 1964

2  
0  
2  
3

## Welding, Plasma cutting & Induction heating

Soudage, Coupage plasma & Chauffe par induction

Schweißen, Schneiden & Induktionsheizung

Saldatura, Taglio plasma & Induzione

Soldadura, Corte plasma & Inducción



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E-mail [service.client@gys.fr](mailto:service.client@gys.fr)



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French manufacturer  
since 1964

# Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avvitatore

Catálogo de Cargadores

2  
0  
2  
3  
B



CHARGERS

BSU

BOOSTERS

STARTERS

TESTERS

JUMPER CABLES

ACCESSORIES



## A solid manufacturing group

900 people € 125 000 000

C1+ Credit Rating Banque de France  
55 000 m<sup>2</sup> 2 factories



INVEST IN THE FUTURE



French manufacturer since 1964

## A family company



Nicolas & Bruno Bouygues

## 3 catalogues

3 500+ references



Welding, Plasma cutting & Induction heating



Car Body Welding Systems



Chargers, Boosters & Starters

## A worldwide coverage

125 countries



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Laval

GYS GERMANY  
Aachen

GYS U.K.  
Rugby

GYS CHINA  
Shanghai

GYS ITALIA  
Venezia

GYS IBERICA  
Madrid

## CHARGERS

|                       |    |
|-----------------------|----|
| GYSFLASH Pb           | 6  |
| GYSFLASH LITHIUM      | 9  |
| GYSFLASH Pb / LITHIUM | 10 |
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| ENERGYS               | 17 |
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| ENERGY / TCB          | 33 |
| CT / CA / WATTMATIC   | 34 |
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## BATTERY TESTERS, POWER INVERTER & PORTABLE ENERGY

|                     |    |
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## CHARGERS & STARTERS

|                  |    |
|------------------|----|
| START / NEOSTART | 40 |
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## JUMPER CABLES, EV CABLES & ACCESSORIES

|               |    |
|---------------|----|
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| ACCESSORIES   | 76 |

## BOOSTERS

|               |    |
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| GYSPACK       | 48 |
| STARTPACK     | 52 |
| ENERGVSTATION | 55 |
| NOMAD POWER   | 58 |
| STARTRONIC    | 60 |
| GYSAP         | 61 |

www.gys.fr



visit with





# CHARGERS

6 - 12 - 16 - 24 - 36 - 48 V

## GYSFLASH

|                       |    |
|-----------------------|----|
| GYSFLASH Pb           | 6  |
| GYSFLASH LITHIUM      | 9  |
| GYSFLASH Pb / LITHIUM | 10 |
| GYSFLASH ON BOARD     | 16 |

## CONVERTER DC/DC

|         |    |
|---------|----|
| ENERGYS | 17 |
|---------|----|

## BATTERY SUPPORT UNIT

|                              |    |
|------------------------------|----|
| GYSFLASH PRO                 | 18 |
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## MORE

|                     |    |
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| ARTIC               | 32 |
| ENERGY / TCB        | 33 |
| CT / CA / WATTMATIC | 34 |
| BATIUM              | 36 |

SSM

Save and load settings. Automatic restart in case of power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geeignet für START-STOP- Fahrzeuge.

CAN BUS

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

Cold Charge-Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

Temperature

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

Power supply mode

Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory.  
Also for when the vehicle is not in use for extended periods or for demonstration use.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

CHARGERS

SMART HF INVERTER Pb



BEST SELLER

12V

GYSFLASH 1.12

1 A



FLASH Connector



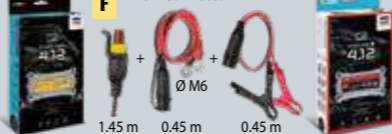
029361

GYSFLASH 4.12 & 4.12S

0.8/4 A



FLASH Connector



4.12

029422

4.12S (110 V)

069190

072701

072817

GYSFLASH 6.12

0.8/6 A



FLASH Connector



029378

GYSFLASH 8.12

8 A



SAE Connector



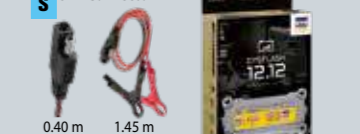
029385

GYSFLASH 12.12

12 A



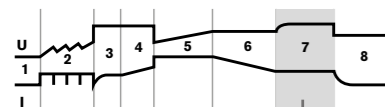
SAE Connector



029392

SMART CHARGE 7 / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



REFRESH 8 STEP

Rebalancing of the battery cells for greater longevity (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).



PATENTS REGISTERED NUMBERS  
002280008 & 002279927  
EUROPEAN TRADEMARK & DESIGN

|                | 50 / 60 Hz   | Power | I <sub>charge</sub> | V    | Charge       | Maintenance  | Zz            | Ondulation/Ripple | Charging curve | IP      | Weight  | Dimensions           | L x W x H cm / kg         |
|----------------|--------------|-------|---------------------|------|--------------|--------------|---------------|-------------------|----------------|---------|---------|----------------------|---------------------------|
| GYSFLASH 1.12  | 220-240 V AC | 18 W  | 1 A                 | 12 V | 2 > 32 Ah    | 2 > 100 Ah   | <0.4 Ah/month | <150 mV Rms       | IUoU           | 7 steps | 0.44 kg | 13 x 8 x 3.8 cm      | 30 x 15.5 x 6 / 0.6       |
| GYSFLASH 4.12  | 220-240 V AC | 70 W  | 0,8/4 A             | 12 V | 1.2 > 90 Ah  | 1.2 > 130 Ah | <0.4 Ah/month | <150 mV Rms       | IUoU           | 7 steps | 0.69 kg | 17 x 9 x 5.1 cm      | 34.5 x 17.9 x 36.2 / 0.89 |
| GYSFLASH 4.12S | 100-127 V AC |       |                     |      |              |              |               |                   |                |         |         |                      |                           |
| GYSFLASH 6.12  | 220-240 V AC | 90 W  | 0,8/6 A             | 12 V | 1.2 > 125 Ah | 1.2 > 170 Ah | <0.4 Ah/month | <150 mV Rms       | IUoU           | 8 steps | 0.77 kg | 19 x 10 x 5.2 cm     | 36 x 19.5 x 7 / 1         |
| GYSFLASH 8.12  | 220-240 V AC | 130 W | 8 A                 | 12 V | 15 > 160 Ah  | 15 > 240 Ah  | <0.4 Ah/month | <150 mV Rms       | IUoU           | 8 steps | 0.85 kg | 19 x 10 x 5.2 cm     | 36 x 19.5 x 7 / 1         |
| GYSFLASH 12.12 | 220-240 V AC | 195 W | 12 A                | 12 V | 20 > 250 Ah  | 20 > 330 Ah  | <0.4 Ah/month | <100 mV Rms       | IUoU           | 8 steps | 1.1 kg  | 22.1 x 11.1 x 5.8 cm | 36.4 x 20 x 6.8 / 1.3     |

DESIGN GYS FRANCE MADE IN GYS CHINA



# CHARGERS SMART HF INVERTER Pb



## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6A



## 6/12/24V

GYSFLASH 6.24

0.8/6A



GYSFLASH 9.24

9A



## GYSFLASH TECHNOLOGY



Save and load settings. Automatic restart in case of power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Start/stop Engine :  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geeignet für START-STOP- Fahrzeuge.



Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).  
Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).  
Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).



Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.  
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

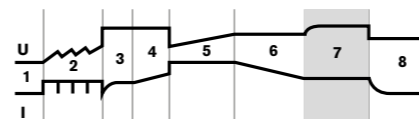


Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.  
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.  
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

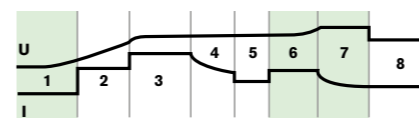
1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rebalancing of the battery cells for greater longevity (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO4 (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection) Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP. Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System Balancing of the battery cells.  
Équilibrage des cellules. Ausgleich der Batteriezellen.



# LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1A



GYSFLASH 6.12 Lithium

4/6A



| DESIGN GYS FRANCE<br>MADE IN GYS CHINA | PATENTS REGISTERED NUMBERS<br>002280008 & 002279927<br>EUROPEAN TRADEMARK & DESIGN | 50/60 Hz     | Power | I charge | V      | Charge | Maintenance  | Zz           | Ondulation/Ripple | Charging curve | IP   | IP      | Weight | Dimensions | L x W x H cm / kg    |                          |
|--|--|--------------|-------|----------|--------|--------|--------------|--------------|-------------------|----------------|------|---------|--------|------------|----------------------|--------------------------|
|  |  |              |       |          |        |        |              |              |                   |                |      |         |        |            |                      | Charge                   |
| GYSFLASH 6 HERITAGE                    |  | 220-240 V AC | 2m    | 90 W     | 0.8/6A | 6/12V  | 1.2 > 125 Ah | 1.2 > 170 Ah | <0.4 Ah/month     | <150 mV Rms    | IUoU | 8 steps | IP 65  | 0.77 kg    | 19 x 10 x 5.2 cm     | 36.5 x 19.4 x 7 cm / 1   |
| GYSFLASH 6.24                          |  | 220-240 V AC | 2m    | 130 W    | 0.8/6A | 6/12V  | 1.2 > 125 Ah | 1.2 > 170 Ah | <0.4 Ah/month     | <150 mV Rms    | IUoU | 7 step  | IP 65  | 0.85 kg    | 19 x 10 x 5.2 cm     | 36.5 x 19.5 x 7 cm / 1   |
| GYSFLASH 9.24                          |  | 220-240 V AC | 2m    | 190 W    | 9A     | 6/12V  | 1.2 > 100 Ah | 1.2 > 140 Ah | <0.4 Ah/month     | <100 mV Rms    | IUoU | 8 step  | IP 65  | 1.1 kg     | 22.1 x 11.1 x 5.8 cm | 36.5 x 19.5 x 7 cm / 1.3 |



CHARGERS

# SMART HF INVERTER Pb / LiFePO4

**OPTION**  
Gysflash 18.12 PL, 30.12 PL, 20.12/24 PL, 10.36/48 PL

**Magnetfix 20**  
026063



x4

**NEW**  
06 2023



**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**IP 23**  
INDOOR / OUTDOOR

**SHOCK RESISTANT**

**IP 65**  
INDOOR / OUTDOOR

## 12V

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 2V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



**1.12 PL**  
026902  
027541

**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**1/4 / 8A**

GO > 2V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



069282

### GYSFLASH 18.12 PL

**7/12 / 18A** GO > 2V

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026926

### GYSFLASH 30.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



029668  
026070

### GYSFLASH 32.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb

SC



027381

## 12 / 24V

### GYSFLASH 20.12/24 PL

**7/15 / 20A**

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026049  
027558

### GYSFLASH 15.24 XTREM

**15A**

GO > 2V SSM START STOP

7 STEP Pb SC

Double insulation



025813

| DESIGN GYS FRANCE<br>MADE IN GYS CHINA | GYSFLASH 1.12 PL<br>GYSFLASH 1.12 PL S | 220-240 V AC<br>100-127 V AC | 50 / 60 Hz | 2m    | Power<br>20 W | I <sub>charge</sub><br>1 A | V<br>12 V  | Charge<br>2 > 32 Ah (Pb)<br>0.5 > 20 Ah (LiFePO4)       | Maintenance<br>2 > 100 Ah (Pb)<br>0.5 > 50 Ah (LiFePO4) | Z <sub>z</sub><br><0.4 Ah/month      | Ondulation/<br>Ripple<br><150 mV Rms | Charging<br>curve<br>IIUoU | IP<br>IP 65       | Weight<br>0,69 kg          | Height<br>17 × 9 × 5.1 cm                 | L × W × H cm<br>/ kg<br>33 × 17,5 × 6 / 0,8 |
|--|--|------------------------------|------------|-------|---------------|----------------------------|--|---|---|--------------------------------------|--------------------------------------|----------------------------|-------------------|----------------------------|---|---|
|  |  |                              |            |       |               |                            |  |   |   |                                      |                                      |                            |                   |                            |   |   |
| MADE IN FRANCE                         | GYSFLASH 18.12 PL                      | 220-240 V AC                 | 2m         | 300 W | 7/12/18 A     | 12 V                       | Charge<br>15 > 270 Ah (Pb)<br>7 > 270 Ah (LiFePO4) | Maintenance<br>15 > 270 Ah (Pb)<br>7 > 270 Ah (LiFePO4) | Z <sub>z</sub><br><0.5 Ah/month                         | Ondulation/<br>Ripple<br><100 mV Rms | Charging<br>curve<br>IIUoU           | IP<br>IP 33                | Weight<br>1,55 kg | Height<br>19 × 19 × 7.3 cm | L × W × H cm<br>/ kg<br>30 × 22 × 9 / 1,9 |   |

| DESIGN GYS FRANCE<br>MADE IN GYS FRANCE | GYSFLASH 30.12 PL<br>GYSFLASH 32.12 PL | 220-240 V AC<br>230 V | 50 / 60 Hz | 2m    | Power<br>500 W | I <sub>charge</sub><br>7/15/30 A | V<br>12 V            | Charge<br>15 > 375 Ah (Pb)<br>7 > 375 Ah (LiFePO4) | Maintenance<br>10 > 400 Ah    | Z <sub>z</sub><br><0.5 Ah/month      | Ondulation/<br>Ripple<br><150 mV Rms | Charging<br>curve<br>IIUoU | IP<br>IP 33      | Weight<br>1,85 kg          | Height<br>19 × 19 × 7.3 cm                 | L × W × H cm<br>/ kg<br>30 × 22 × 9 / 2,2 |
|---|--|-----------------------|------------|-------|----------------|----------------------------------|----------------------|--|-------------------------------|--------------------------------------|--------------------------------------|----------------------------|------------------|----------------------------|--|---|
|   |  |                       |            |       |                |                                  |                      |  |                               |                                      |                                      |                            |                  |                            |  |   |
| MADE IN FRANCE                          | GYSFLASH 15.24 XTREM                   | 230 V                 | 2.5m       | 500 W | 7/10/15 A      | 12/24 V                          | Charge<br>5 > 240 Ah | Maintenance<br>5 > 240 Ah                          | Z <sub>z</sub><br><1 Ah/month | Ondulation/<br>Ripple<br><150 mV Rms | Charging<br>curve<br>IIUoU           | IP<br>IP 65                | Weight<br>5,4 kg | Height<br>7.5 × 25 × 21 cm | L × W × H cm<br>/ kg<br>27 × 20 × 36 / 5,4 |   |

## GYSFLASH TECHNOLOGY

### SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

### START STOP

**Start/stop Engine :**  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geignet für START-STOP- Fahrzeuge.

### Auto Recovery

**Auto Recovery :** Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### t°

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

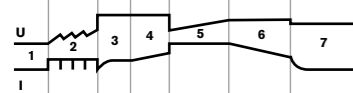
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 STEP / 8 LiFePO<sub>4</sub>

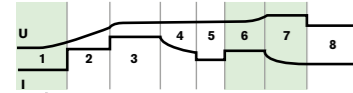
### Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



### LiFePO<sub>4</sub> (LFP) / Li-ion

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.



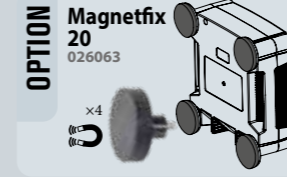
## GYSFLASH Pb / LITHIUM

### CHARGERS

# ELECTRICAL MOBILITY

# Pb/Lithium

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



## 24 V • ELECTRICAL MOBILITY

### GYSFLASH 6.24 PL

**6 A** GO > 2 V

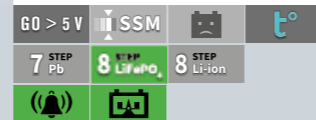


027398

## 48 V

### GYSFLASH 3.48 PL

**3 A** GO > 5 V



027893

## • INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

### GYSFLASH 10.36/48 PL

**10 A** GO > 5 V



027060



| DESIGN<br>GYS FRANCE | PATENTS REGISTERED NUMBERS<br>002280008 & 002279927<br>EUROPEAN TRADEMARK & DESIGN | 50 / 60 Hz   | Power | I <sub>charge</sub> | V    | n cell |     |       | Charge | Maintenance                          | Z <sub>z</sub>                       | Ondulation/Ripple | Charging curve | IP   | Weight                     | L × W × H cm / kg |         |                               |
|----------------------|--|--------------|-------|---------------------|------|--------|-----|-------|--------|--------------------------------------|--------------------------------------|-------------------|----------------|------|----------------------------|-------------------|---------|-------------------------------|
|                      |  |              |       |                     |      | Pb     | LFP | NMC   |        |                                      |                                      |                   |                |      |                            |                   |         |                               |
| MADE IN<br>GYS CHINA | GYSFLASH 6.24 PL   | 220-240 V AC | 2 m   | 190 W               | 6 A  | 24V    | 12  | 8     | 6      | 15 > 125 Ah (Pb)<br>2 > 125 Ah (Li)  | 15 > 170 Ah (Pb)<br>2 > 170 Ah (Li)  | <0.4 Ah /month    | <150 mV Rms    | IUoU | 7 step (Pb)<br>8 step (Li) | IP 65             | 1,1 kg  | 22.1 × 11.1 × 5.8 cm<br>/ 1.4 |
|                      |  |              |       |                     |      |        | 24  | 15/16 | 13/14  | 6 > 60 Ah<br>3 > 60 Ah               | 6 > 85 Ah<br>3 > 85 Ah               | <0.4 Ah /month    | <150 mV Rms    | IUoU | 7 step (Pb)<br>8 step (Li) | IP 65             | 1,1 kg  | 22.1 × 11.1 × 5.8 cm<br>/ 1.2 |
| MADE IN<br>FRANCE    | GYSFLASH 10.36/48 PL   | 220-240 V AC | 2 m   | 500 W               | 10 A | 36V    | 18  | 12    | 9      | 20 > 230 Ah (Pb)<br>10 > 230 Ah (Li) | 20 > 230 Ah (Pb)<br>10 > 230 Ah (Li) | <0.4 Ah /month    | <150 mV Rms    | IUoU | 7 step (Pb)<br>8 step (Li) | IP 33             | 1,85 kg | 19 × 19 × 7.3 cm<br>/ 2       |
|                      |  |              |       |                     |      |        | 24  | 15/16 | 13/14  | 15 > 160 Ah (Pb)<br>8 > 160 Ah (Li)  | 15 > 160 Ah (Pb)<br>8 > 160 Ah (Li)  | <0.4 Ah /month    | <150 mV Rms    | IUoU | 7 step (Pb)<br>8 step (Li) | IP 33             | 1,85 kg | 19 × 19 × 7.3 cm<br>/ 2       |

## ELECTRICAL MOBILITY

### MOBILITY



### OUTDOOR



### INDUSTRY



### MEDICAL



# CONNECTORS

A complete solution • Une solution complète • Eine Komplettlösung



## F Flash Connector GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL

|   |  |  |   |  |  |   |   |   |
|---|--|--|---|--|--|---|---|---|
|   |  |  |   |  |  |   |   |   |
| <b>F1 / Clamps</b><br>L 0.45 m (1.3 mm²)<br>All  026889 | <b>F2 / Charge indicator</b><br>L 0.56 m (1.3 mm²)<br>All  12V LEAD 029149 | <b>F3 / Eyelets</b><br>Ø M6 L 0.45 m (1.3 mm²)<br>All  12V 029194<br>Ø M8 L 0.45 m (1.3 mm²)<br><br>027626 | <b>F4 / Charge indicator eyelets</b><br>Ø M6 L 0.56 m (1.3 mm²)<br>All  12V LEAD 029200 | <b>F5 / Cigarette lighter</b><br>L 0.45 m (0.82 mm²)<br><br>029439 | <b>F6 / Cable</b><br>L 2.50 m (1.3 mm²)<br>All  029057 | <b>F7 / Connector MLX</b><br>L 0.45 m (1.3 mm²)<br>027589 | <b>F8 Adapter S / F - F / S</b><br>L 0.45 m (1.3 mm²)<br>027480 | <b>F9 Adapter F / A</b><br>L 0.45 m (1.3 mm²)<br>025820 |

## s SAE Connector GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL

|   |   |   |   |   |  |  |  |
|---|---|---|---|---|--|--|--|
|   |   |   |   |   |  |  |  |
| <b>S1 / Clamps</b><br>L 1.50 m (1.3 mm²)<br>All  +Showroom Gysflash 1212 027688 | <b>S2 / Eyelets</b><br>Ø M6 L 0.45 m (1.3 mm²)<br><br>027466<br>Ø M8 L 0.45 m (1.3 mm²)<br><br>027633<br>Ø M10 L 0.45 m (1.3 mm²)<br><br>027640 | <b>S3 / XLR 3 pin</b><br>L 0.45 m (1.3 mm²)<br>027428 | <b>S4 / T-Bar</b><br>L 0.45 m (1.3 mm²)<br>027442 | <b>S5 Adapter S / A</b><br>L 0.45 m (1.3 mm²)<br>027473 | <b>S6 KIT SAE / JACK (max 5 A)</b><br>L 0.45 m (1.3 mm²)<br>025646 | <b>S7 / Cigarette lighter (max 10 A)</b><br>Only for 8.12 PL<br>L 0.45 m (1.3 mm²)<br>077331 | <b>S8 / Cable</b><br>L 2.5 m (4 mm²)<br>077348 |

## A ANDERSON Connector GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL

|  |   |   |
|--|---|---|
|  |   |   |
| <b>A1 / Clamps</b><br>All<br>L 1.90 m (4 mm²) 026094<br>L 6 m (4 mm²) 027435 | <b>A2 / Eyelets</b><br>4 mm²<br>Ø M6 L 0.40 m<br><br>027657<br>Ø M8 L 0.40 m<br><br>027664<br>Ø M8 L 1.90 m<br><br>027794<br>Ø M10 L 0.40 m<br><br>027671 | <b>A3 / Anderson</b><br>L 1.5 m (4 mm²)<br>027855 |

## XTREM CABLES GYSFLASH 15.24 XTREM

|  |   |   |
|--|---|---|
|  |   |   |
| <b>2pts/NATO Spiral</b><br>5 m<br>028968 | <b>2pts/NATO</b><br>5 m - 4 mm²<br>025837 | <b>2pts/DIN14690</b><br>Emergency vehicle 5 m<br>028777 |

# SELECT THE RIGHT GYSFLASH

CHOISISSEZ VOTRE GYSFLASH • WÄHLEN SIE IHR GYSFLASH AUS

★ SPECIAL PROJECT - CONTACT US

| GYSFLASH |    |     |     |     |     | MEDICAL SERVICE - LEISURE | MOTORBIKE LIGHT MOBILITY | AUTO - CAMPER VAN - TRUCK |  |  |  |  | MARINE | INDUS TRY | URBAN |
|----------|----|-----|-----|-----|-----|---------------------------|--------------------------|---------------------------|--|--|--|--|--------|-----------|-------|
|          | 6V | 12V | 24V | 36V | 48V |                           |                          |                           |  |  |  |  |        |           |       |

### Pb

|             |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   |   |
|-------------|----|-----|-----|--|--|--|--|---|--|--|--|---|--|---|---|---|
| 1.12        |    |     |     |  |  |  |  |   |  |  |  | M |  |   |   |   |
| 1.12 PL     |    |     |     |  |  |  |  |   |  |  |  | M |  |   |   |   |
| 4.12        |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   | M |
| 6.12        |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   | M |
| 8.12        |    | 12V |     |  |  |  |  |   |  |  |  |   |  |   |   | M |
| 8.12 PL     |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   | M |
| 12.12       |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   |   |
| 18.12 PL    |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   |   |
| 30.12 PL    |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   |   |
| 6 Heritage  | 6V | 12V |     |  |  |  |  |   |  |  |  |   |  |   |   | M |
| 6.24 PL     |    |     | 24V |  |  |  |  |   |  |  |  |   |  |   |   |   |
| 20.12/24 PL |    | 12V | 24V |  |  |  |  |   |  |  |  |   |  |   |   |   |
| 6.24        | 6V | 12V | 24V |  |  |  |  | M |  |  |  |   |  | M |   | M |
| 9.24        |    |     |     |  |  |  |  |   |  |  |  |   |  |   | M | M |
| 3/48 PL     |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   |   |
| 10.36/48 PL |    |     |     |  |  |  |  |   |  |  |  |   |  |   |   |   |

### LiFePO4

|              |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  |         |
|--------------|--|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|---------|
| 1.12 Lithium |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  | M       |
| 1.12 PL      |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  | M       |
| 6.12 Lithium |  | 12V |     |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 8.12 PL      |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 18.12 PL     |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 30.12 PL     |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 6.24 PL      |  |     | 24V |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 20.12/24 PL  |  | 12V | 24V |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 3/48 PL      |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  | 48V     |
| 10.36/48 PL  |  |     |     |  |  |  |  |  |  |  |  |  |  |  |  | 36V 48V |

### Li-ion

|             |  |     |  |  |  |  |  |  |  |  |  |  |  |  |  |         |
|-------------|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|
| 6.24 PL     |  | 24V |  |  |  |  |  |  |  |  |  |  |  |  |  |         |
| 3/48 PL     |  |     |  |  |  |  |  |  |  |  |  |  |  |  |  | 48V     |
| 10.36/48 PL |  |     |  |  |  |  |  |  |  |  |  |  |  |  |  | 36V 48V |

M = maintenance only

**SPECIAL PROJECT - CONTACT US**

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 / SM BVS / Automation / Relays...

**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**



**SILENT**

**HIGH EFFICIENCY**  
Up to 15% Energy Saving  
**93%**

**EMC class B**

**ALU RUST PROTECTION**

**ULTRA LIGHTWEIGHT**

**VIBRATION & SHOCK RESISTANT**

**-25 / +60°C**

**GYSFLASH PL-E TECHNOLOGIES**

**SSM** Save and load settings. Automatic restart in the event of a power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

**Auto Recovery** : Recovers deeply discharged (min 2V) and/or sulfated batteries.

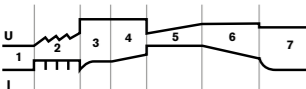
**Auto Recovery** : Récupération des éléments des batteries profondément déchargés (mini 2V) et/ou sulfatées.

**Auto Recovery**: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

**SMART CHARGE**

**Pb**

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



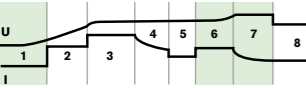
**Pb TRACTION**

1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%



**LiFePO4 (LFP) / Li-ion**

1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

**OUTDOOR - LEISURE**



**MOBILITY**



**MARINE**



**AGRI**



**MEDICAL**



**PROFESSIONAL**



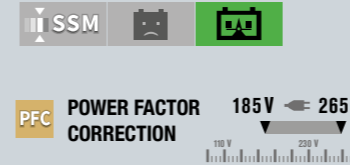
**INDUSTRY**



**GYSFLASH ON BOARD**

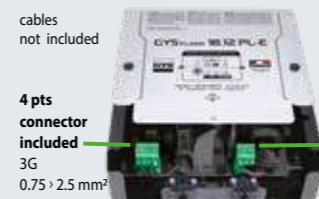
**CHARGERS ON BOARD**

**Pb** NMC / LCO / MCO / NCA...  
**Lithium** LiFePO4 / Li-ion / Li-Po



|                     |                                     |                                     |                              |
|---------------------|-------------------------------------|-------------------------------------|------------------------------|
| <b>12V</b>          | <b>24V</b>                          | <b>36V</b>                          | <b>48V</b>                   |
| GYSFLASH 18.12 PL-E | GYSFLASH 15.24 PL-E                 | GYSFLASH 10.36 PL-E                 | GYSFLASH 8.48 PL-E           |
| <b>18 A</b>         | <b>15 A</b>                         | <b>10 A COMING SOON</b>             | <b>8 A COMING SOON</b>       |
| Pb / LFP 025806     | Pb / Traction / LFP / Li-ion 025943 | Pb / Traction / LFP / Li-ion 025950 | Pb / Traction / LFP / Li-ion |

**OPEN & CONNECT**



**INCLUDED**



**INDUSTRIAL CHARGERS COMING SOON**

PB / Traction / LFP / Li-ion  
CAN BUS / CAN OPEN / J1939 / NMEA 2000 / RS485 / SM BVS

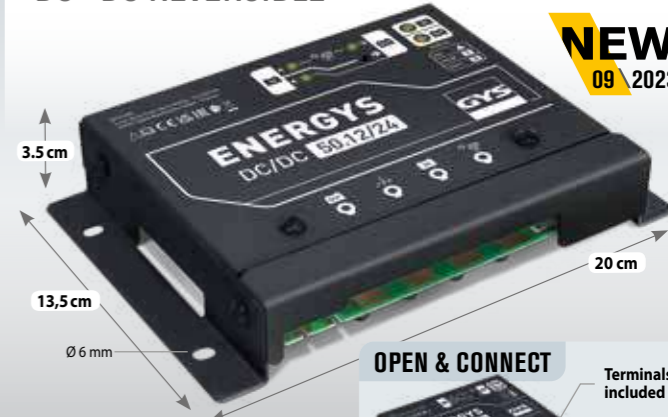
**GYSPOWER 24V : 15 A - 30 A - 50 A - 100 A**  
**GYSPOWER 36V : 10 A - 20 A - 30 A**  
**GYSPOWER 48V : 8 A - 25 A - 50 A**

| MADE IN FRANCE      | 50 / 60 Hz | Pb  | LFP  | START MINI | I max | 25°C  | 40°C  | 50°C  | 60°C  | Pb          | LFP         | Zz             | Ondulation/ Ripple | IP | kg     | L x W x H cm / kg  |
|---------------------|------------|-----|------|------------|-------|-------|-------|-------|-------|-------------|-------------|----------------|--------------------|----|--------|--------------------|
|                     |            |     |      |            |       | @100% | @100% | @100% | @100% |             |             |                |                    |    |        |                    |
| GYSFLASH 18.12 PL-E | 230V       | 12V | 300W | 2V         | 18A   | 18A   | 16A   | 14A   | 12.5A | 36 > 270 Ah | 18 > 270 Ah | <0.4 Ah /month | <150 mV Rms        | 20 | 1.3 kg | 21.5 x 17.5 x 7 cm |
| GYSFLASH 30.12 PL-E | 230V       | 12V | 500W | 2V         | 30A   | 30A   | 27A   | 23A   | 18A   | 60 > 400 Ah | 30 > 400 Ah | <0.4 Ah /month | <150 mV Rms        | 20 | 1.6 kg | 21.5 x 8 x 17.5 cm |
| GYSFLASH 15.24 PL-E | 230V       | 24V | 500W | 2V         | 15A   | 15A   | 13.5A | 11.5A | 9A    | 30 > 240 Ah | 15 > 240 Ah | <0.4 Ah /month | <150 mV Rms        | 20 | 1.6 kg | 21.5 x 8 x 17.5 cm |
| GYSFLASH 10.36 PL-E | 230V       | 36V | 500W | 2V         | 10A   | 10A   | 9A    | 7.5A  | 6A    | 20 > 230 Ah | 10 > 230 Ah | <0.4 Ah /month | <150 mV Rms        | 20 | 1.6 kg | 21.5 x 8 x 17.5 cm |
| GYSFLASH 8.48 PL-E  | 230V       | 48V | 500W | 2V         | 8A    | 8A    | 7A    | 6A    | 5A    | 15 > 160 Ah | 8 > 160 Ah  | <0.4 Ah /month | <150 mV Rms        | 20 | 1.6 kg | 21.5 x 8 x 17.5 cm |

**ENERGYS**

**ON BOARD POWER INVERTER DC > DC REVERSIBLE**

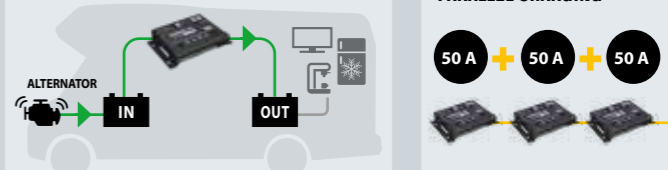
**Pb** Liquid / Gel, AGM  
**Lithium** LiFePO4



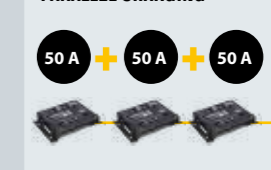
**NEW 09/2023**  
**ENERGYS DC/DC 50.12 / 24 50 A**

| 072534                 | Bat. input |       | Bat. output |       | Solar input       |       | EFFICIENCY | Zz    | mm             | g   |
|------------------------|------------|-------|-------------|-------|-------------------|-------|------------|-------|----------------|-----|
| ENERGYS DC/DC 50.12/24 | U          | I max | U           | I max | U <sub>mppt</sub> | I max | %          | <5 mA | 135 x 35 x 200 | 570 |
|                        | 12/24V     | 50A   | 12/24V      | 50A   | 9-30V             | 20A   | 98%        | <5 mA | 135 x 35 x 200 | 570 |

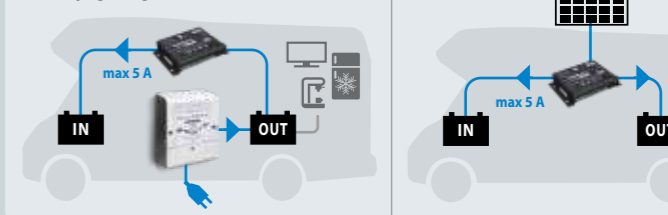
**EURO 6 STANDARD**  
when starting the vehicle



**MORE OUTPUT POWER**

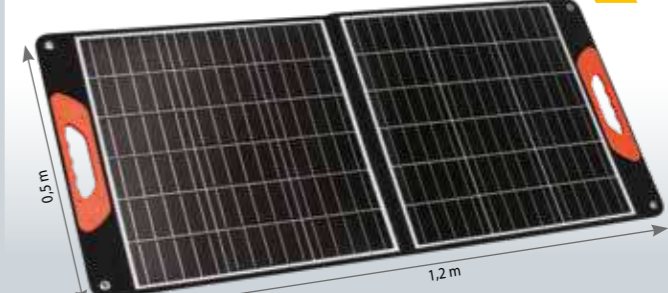


**DOUBLE CHARGING** vehicle stopped



**WITH SOLAR PANEL** MPPT integrated (Max Power Point Tracker)

**SOLAR PANEL NEW 08/2023**



**SOLAR PANEL**  
monocrystalline - ETFE quality  
18V - 100W max  
OUTPUT  
USB 1 : 5V/3A  
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A  
Type C : 5V/3A ; 9V/2A ; 12V/1.5A  
Jack : 1.8V/5.6A max  
compatible with Energys DC/DC 50.12/24  
079410

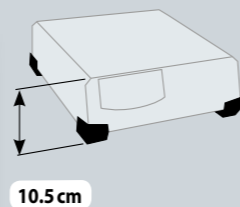
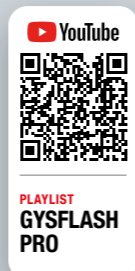
ENERGYS

ON BOARD CHARGERS



# CHARGERS BSU & CHARGERS

BATTERY SUPPORT UNIT



**PFC** POWER FACTOR CORRECTION

**FV** FLEXIBLE VOLTAGE  
85 V — 265 V



**22 languages**

- GB DK CZ
- FR FI PL
- DE TR SK
- NL HR UA
- ES GR
- PT HU
- IT CN simplified
- RU CN traditional
- SE JP

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF

SILENT

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>** **7 steps**

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Completion
- Equalization
- Floating 100%

**CHARGE**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID

**LITHIUM READY**

- ✓ LFP/LiFePO<sub>4</sub>

**BSU**

**DIAG +**

U2 ADJUSTABLE

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE



**12 V**

|   |  |  |
|---|--|--|
| <b>GYSFLASH 30.12</b><br><b>30 A</b><br>PFC SC<br>2,5 m - 6 mm <sup>2</sup><br>029224 | <b>GYSFLASH 50.12 FV</b><br><b>50 A</b><br>PFC FV SC<br>2,5 m - 10 mm <sup>2</sup><br>026056 | <b>GYSFLASH 100.12</b><br><b>100 A</b><br>PFC SC<br>2,5 m - 16 mm <sup>2</sup><br>029071<br>029453<br>5 m - 16 mm <sup>2</sup><br>029415<br>029002 |
|---|--|--|

**6 / 12 / 24 V**

|   |  |
|---|--|
| <b>GYSFLASH 30.24</b><br><b>30 A</b><br>PFC SC<br>2,5 m - 6 mm <sup>2</sup><br>029231 | <b>GYSFLASH 50.24</b><br><b>50 A</b><br>PFC SC<br>2,5 m - 10 mm <sup>2</sup><br>029095<br>5 m - 16 mm <sup>2</sup><br>029620 |
|---|--|

**12 V**

|  |
|--|
| <b>GYSFLASH 102.12</b><br><b>100 A</b><br>PFC SC<br>5 m - 16 mm <sup>2</sup><br>029606 |
|--|



| MADE IN FRANCE           | 50 / 60 Hz | L            | mm <sup>2</sup> | V                 | START MINI | I max | 25°C @100%           | 40°C @100%           | TRACTION BATTERIES   | SHOWROOM CONNECT           | IP | kg   | ↑  | L × W × H cm / kg |                     |                        |
|--------------------------|------------|--------------|-----------------|-------------------|------------|-------|----------------------|----------------------|----------------------|----------------------------|----|------|----|-------------------|---------------------|------------------------|
| <b>GYSFLASH 30.12</b>    | 185 > 265V | 2,5 m        | 6               | 12V               | 540W       | 2V    | 30 A                 | 30 A                 | 30 A                 | 10 · 400 Ah                | —  | 0 M6 | 21 | 4.9 kg            | 25 × 10.5 × 23 cm   | 41.4 × 25 × 31.1 / 4.9 |
| <b>GYSFLASH 50.12 FV</b> | 85 > 265V  | 2,5 m        | 10              | 12V               | 850W       | 2V    | 50 A                 | 50 A                 | 40 A                 | 10 · 600 Ah                | —  | 0 M6 | 21 | 6.6 kg            | 30 × 10.5 × 29 cm   | 40 × 24 × 30 / 6.6     |
| <b>GYSFLASH 100.12</b>   | 185 > 265V | 2,5 m<br>5 m | 16              | 12V               | 1600W      | 2V    | 100 A                | 75 A                 | 66 A                 | 20 · 1200 Ah               | —  | 0 M6 | 21 | 7.4 kg<br>8.3 kg  | 32 × 10.5 × 29.2 cm | 31 × 25 × 41 / 7.4     |
| <b>GYSFLASH 30.24</b>    | 185 > 265V | 2,5 m        | 6               | 6V<br>12V<br>24V  | 540W       | 2V    | 30 A<br>30 A<br>15 A | 30 A<br>30 A<br>15 A | 30 A                 | 10 · 400 Ah<br>10 · 200 Ah | •  | 0 M6 | 21 | 4.9 kg            | 25 × 10.5 × 23 cm   | 41.5 × 24.3 × 31 / 4.9 |
| <b>GYSFLASH 50.24</b>    | 185 > 265V | 2,5 m<br>5 m | 10<br>16        | 6 V<br>12V<br>24V | 1600W      | 2V    | 50 A                 | 50 A<br>50 A<br>45 A | 45 A<br>40 A<br>35 A | 10 · 600 Ah                | •  | 0 M6 | 21 | 6.6 kg<br>7.9 kg  | 30 × 10.5 × 29.2 cm | 41 × 24.5 × 31 / 6.6   |
| <b>GYSFLASH 102.12</b>   | 185 > 265V | 5 m          | 16              | 12V               | 1600W      | 2V    | 100 A                | 75 A                 | 66 A                 | 20 · 1200 Ah               | —  | 0 M6 | 21 | 9.1 kg            | 12 × 34.5 × 29.5 cm | 24 × 40 × 30 / 9.1     |



CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology  
**FULL CUSTOMIZABLE**  
p.26

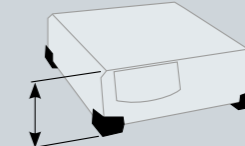
**PFC** POWER FACTOR CORRECTION

**16 V** COMPATIBLE WITH 16V BATTERIES

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V

**22 languages**

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK UA
- ES TR
- PT HR
- IT HU



**10.5 cm**  
51.12 CNT  
101.12 CNT

**13 cm**  
121.12 CNT FV  
125.12 CNT FV  
101.24 CNT FV  
51.48 CNT FV



Select mode      Select parameters      Adjust values

**12 V (factory preset)**  
**16/24 V READY**

Use custom configuration tool (detail p.26)



## 12 V

GYSFLASH 51.12 CNT FV

**50 A**

PFC FV SC CNT

2,5 m - 10 mm<sup>2</sup>  
068179



GYSFLASH 101.12 CNT

**100 A**

PFC SC CNT

2,5 m - 16 mm<sup>2</sup>  
025790  
5 m - 16 mm<sup>2</sup>  
026988



GYSFLASH 121.12 CNT FV

**120 A**

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
026971  
027756  
071605



GYSFLASH 125.12 CNT FV

**120 A** 120 A @ 100%

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
028883



## 6 / 12 / 16 / 24 V

GYSFLASH 101.24 CNT FV

**100 A**

PFC FV CNT

16 V  
5 m - 25 mm<sup>2</sup>  
025967



## 6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 51.48 CNT FV

**50 A**

PFC FV CNT

16 V  
2,5 m - 16 mm<sup>2</sup>  
072015



**SC**

**SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVES CAPACITY)**

**Pb AUTOMOTIVE**

- GEL
- AGM
- LIQUID
- EASY
- NORMAL
- BOOST
- RECOVERY+ and more

**Pb TRACTION**

- GEL
- LIQUID
- and more

**LITHIUM**

- LFP/LiFePO<sub>4</sub>
- LI-ION STD
- LFP CELL+
- LI-ION CELL+
- and more

**BSU (10 CURVES CAPACITY)**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**TEST**

- VOLTAGE
- START UP
- ALTERNATOR

**STARTER**

- START

**CNT**

**Connected Modules & Technology** p.26

| MADE IN FRANCE                | 50/60 Hz    | mm <sup>2</sup> | START MINI | I max             | 25°C @100% | 40°C @100% | TRACTION BATTERIES   | SHOWROOM CONNECT          | IP                        | kg                        | L x W x H cm / kg |      |    |                 |  |
|-------------------------------|-------------|-----------------|------------|-------------------|------------|------------|--|---------------------------|---------------------------|---------------------------|-------------------|------|----|-----------------|--|
| <b>GYSFLASH 51.12 CNT FV</b>  | 85 > 265 V  | 2,5 m           | 10         | 12V / 24V         | 850 W      | 1 V        | 50 A / 25 A  | 50 A / 25 A               | 40 A / 20 A               | 10 · 600 Ah / 10 · 300 Ah | •                 | Ø M6 | 41 | 6.8 kg          | 30 × 10.5 × 29 cm / 38.5 × 22 × 40.5 / 6.8 |
| <b>GYSFLASH 101.12 CNT</b>    | 185 > 265 V | 2,5 m / 5 m     | 16         | 12V               | 1600 W     | 1 V        | 100 A  | 75 A                      | 66 A                      | 20 · 1200 Ah              | •                 | Ø M6 | 21 | 7.5 kg / 8.3 kg | 32 × 10.5 × 29.2 cm / 35.5 × 23 × 35 / 8.6 |
| <b>GYSFLASH 121.12 CNT FV</b> | 85 > 265 V  | 5 m             | 25         | 12V               | 2000 W     | 1 V        | 110 V : 100 A / 230 V : 120 A                                | 75 A / 110 A              | 55 A / 90 A               | 20 · 1200 Ah              | •                 | Ø M6 | 20 | 10.4 kg         | 31 × 13 × 26 cm / 35.5 × 23 × 35 / 10.4    |
| <b>GYSFLASH 125.12 CNT FV</b> | 85 > 265 V  | 5 m             | 25         | 12V               | 2000 W     | 1 V        | 110 V : 100 A / 230 V : 120 A                                | 100 A / 120 A             | 77 A / 116 A              | 20 · 1200 Ah              | •                 | Ø M6 | 40 | 10.9 kg         | 31 × 13 × 26 cm / 38.5 × 22 × 40.5 / 10.9  |
| <b>GYSFLASH 101.24 CNT FV</b> | 85 > 265 V  | 5 m             | 25         | 6/12V / 24V       | 3200 W     | 1 V        | 110 V : 100 A / 230 V : 100 A / 110 V : 50 A / 230 V : 100 A | 72 A / 89 A / 50 A / 76 A | 47 A / 68 A / 35 A / 59 A | 20 · 1200 Ah              | •                 | Ø M6 | 20 | 10.6 kg         | 31 × 13 × 26 cm / 38.5 × 22 × 40.5 / 10.6  |
| <b>GYSFLASH 51.48 CNT FV</b>  | 85 > 265 V  | 2,5 m           | 16         | 6/12/24V / 36/48V | 3200 W     | 1 V        | 110 V : 50 A / 230 V : 50 A / 110 V : 25 A / 230 V : 50 A    | 44 A / 49 A / 26 A / 45 A | 21 A / 39 A / 19 A / 35 A | 10 · 600 Ah               | •                 | Ø M6 | 20 | 9 kg            | 31 × 13 × 26 cm / 41 × 22 × 38.5 / 9       |

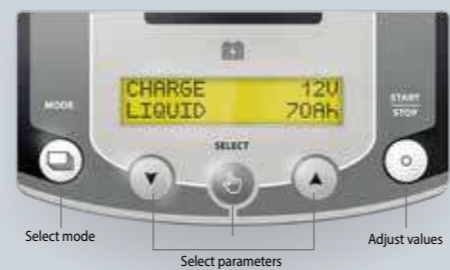


CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology  
**FULL  
CUSTOMIZABLE**  
p.26



22 languages

- GB NL IT DK HR PL UA CN simplified
- FR ES RU FI GR SK CN traditional
- DE PT SE TR CZ HU JP

**PFC** POWER FACTOR CORRECTION

**16 V** COMPATIBLE WITH 16V BATTERIES

**FV** FLEXIBLE VOLTAGE  
85 V — 265 V

## TRACTION



**NEW**



12 V

GYSFLASH 103.12 CNT

100 A

PFC SC CNT

5 m - 16 mm<sup>2</sup>  
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
025677



6 / 12 / 16 / 24 V

GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
025684



6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 25.48 CNT FV

25 A

PFC SC FV CNT 16 V

2,5 m - 10 mm<sup>2</sup>  
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT 16 V

2,5 m - 16 mm<sup>2</sup>  
025998



**SC**

**SMART COOLING TECHNOLOGY**

100% DUST PROOF

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE** (150 CURVES CAPACITY)

**Pb AUTOMOTIVE**

- GEL
- AGM
- LIQUID
- EASY
- NORMAL
- BOOST
- RECOVERY+ and more

**Pb TRACTION**

- GEL
- LIQUID
- and more

**LITHIUM**

- LFP/LiFePO<sub>4</sub>
- LI-ION STD
- LFP CELL+
- LI-ION CELL+
- and more

**BSU** (10 CURVES CAPACITY)

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**TEST**

- VOLTAGE
- START UP
- ALTERNATOR

**STARTER**

- START

**CNT**

**Connected Modules & Technology** p.26

| MADE IN FRANCE                | 50 / 60 Hz               | mm <sup>2</sup> | START MINI | I max              | 25°C @100%               | 40°C @100% | TRACTION BATTERIES           | SHOWROOM CONNECT       | IP                           | kg          | L x W x H cm / kg |      |    |        |                     |                        |
|-------------------------------|--------------------------|-----------------|------------|--------------------|--------------------------|------------|------------------------------|------------------------|------------------------------|-------------|-------------------|------|----|--------|---------------------|------------------------|
| <b>GYSFLASH 103.12 CNT</b>    | 185 > 265V               | 5 m             | 16         | 12V                | 1600W                    | 1V         | 100 A                        | 75 A                   | 66 A                         | 20 > 1200Ah | —                 | ∅ M6 | 21 | 8,2 kg | 34,5 × 29,5 × 12 cm | 41 × 38,5 × 22 / 9,2   |
| <b>GYSFLASH 123.12 CNT FV</b> | 85 > 265V                | 5 m             | 25         | 12V                | 2000W                    | 1V         | 110V : 100 A<br>230V : 120 A | 100 A<br>120 A         | 85 A<br>120 A                | 20 > 1200Ah | •                 | ∅ M6 | 30 | 11 kg  | 34 × 25 × 15 cm     | 35,5 × 23,5 × 35 / 11  |
| <b>GYSFLASH 103.24 CNT FV</b> | 85 > 265V                | 5 m             | 25         | 6/12V<br>24V       | 3200W                    | 1V         | 110V : 100 A<br>230V : 100 A | 100 A<br>100 A         | 68 A<br>79 A                 | 20 > 1200Ah | •                 | ∅ M6 | 30 | 11 kg  | 34 × 25 × 15 cm     | 35 × 23 × 37 / 11      |
| <b>GYSFLASH 25.48 CNT FV</b>  | 100 > 127V<br>220 > 240V | 2,5 m           | 10         | 6/12/24V<br>36/48V | 800 W<br>800 W<br>1600 W | 1V         | 110V : 12 A<br>230V : 25 A   | 19 A<br>23,5 A<br>24 A | 12 A<br>22 A<br>10 A<br>20 A | 10 > 300Ah  | •                 | ∅ M6 | 21 | 7,8 kg | 12 × 34,5 × 29,5 cm | 40,5 × 38 × 22,5 / 8,8 |
| <b>GYSFLASH 53.48 CNT FV</b>  | 85 > 265V                | 2,5 m           | 16         | 6/12/24V<br>36/48V | 3200W                    | 1V         | 110V : 50 A<br>230V : 50 A   | 50 A<br>50 A           | 28 A<br>41 A                 | 10 > 600Ah  | •                 | ∅ M6 | 30 | 9,5 kg | 34 × 25 × 15 cm     | 40 × 39 × 23 / 9,5     |



CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology  
**FULL  
CUSTOMIZABLE**  
p.26

**PFC** POWER FACTOR CORRECTION

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V  
110 V 230 V  
GYSFLASH 148.12 CNT FV

**FV** FLEXIBLE VOLTAGE  
320V ← 520V  
400 V 480 V  
GYSFLASH 158.12 CNT FV

19 languages

- GB IT HR
- FR RU GR
- DE SE CZ
- NL DK PL
- ES FI SK
- PT TR UA
- HU

## INDUSTRY / PRODUCTION

**NEW**



**IP 54**

**DUST & SPLASH PROTECTION**

**FAN LESS TECHNOLOGY**

**NATURAL CONVECTION**

**NEW**



12 V



GYSFLASH 148.12 CNT FV

**145 A**

1 ~

**PFC SC FV CNT**

069916

GYSFLASH 158.12 CNT FV

**150 A**

3 ~

**SC FV CNT**

069909

**SC**

**SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO4**

- Status analysis
- UVP Wake Up
- Recovery 90%
- Fast charge 95%
- Absorption
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVES CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVES CAPACITY)**

**DIAG +**

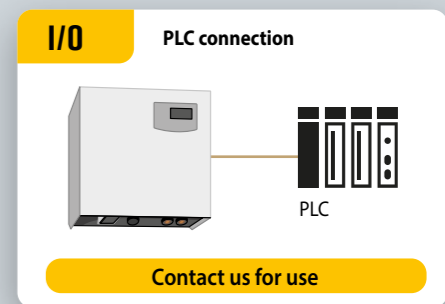
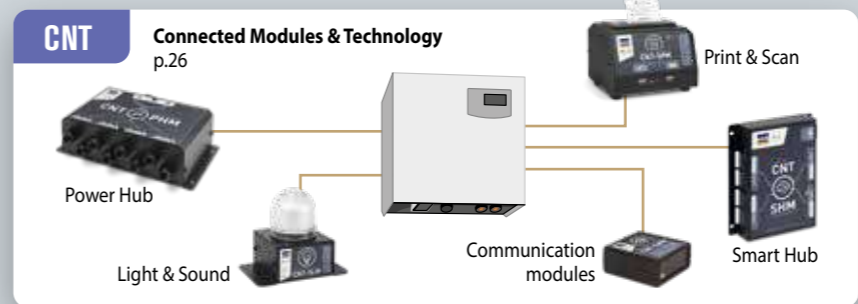
U2 ADJUSTABLE

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**AND MORE**

- ✓ **TEST**
- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR
- ✓ **STARTER**
- ✓ START



| MADE IN FRANCE                | 50 / 60 Hz | 5 m | 25 | 12V | 2500W | 1V | I max                        | 25°C @ 100%    | 40°C @ 100%   | 60°C @ 100%  | 20 > 1200 Ah | 20 > 1800 Ah | TRACTION BATTERIES | SHOWROOM CONNECT | IP | 9.4 kg  | 37.6 × 14.5 × 29.6 cm |
|-------------------------------|------------|-----|----|-----|-------|----|------------------------------|----------------|---------------|--------------|--------------|--------------|--------------------|------------------|----|---------|-----------------------|
| <b>GYSFLASH 148.12 CNT FV</b> | 85 > 265V  | 5 m | 25 | 12V | 2500W | 1V | 110V : 100 A<br>230V : 145 A | 100 A<br>134 A | 90 A<br>116 A | 62 A<br>88 A | 20 > 1200 Ah | 20 > 1800 Ah | •                  | Ø M6             | 54 | 9.4 kg  | 37.6 × 14.5 × 29.6 cm |
| <b>GYSFLASH 158.12 CNT FV</b> | 320 > 520V | 5 m | 25 | 12V | 2500W | 1V | 150 A                        | 140 A          | 120 A         | 100 A        | 20 > 1800Ah  |              | •                  | Ø M6             | 54 | 10.3 kg | 37.6 × 14.5 × 38 cm   |



CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology



USB key  
16 Gb  
062344



**SPECIAL PROJECTS**  
Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

SOFTWARE UPDATE LIFETIME EVOLUTION



TRACEABILITY CHARGING DATA



DESIGN YOUR CHARGING CURVE PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

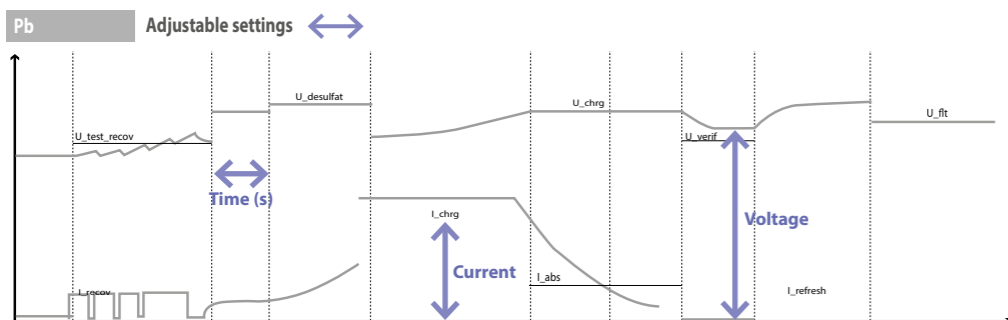
CNT MANAGER (gys.fr)

- GYSFLASH parameters
- Custom curves
- Multi products management
- Import/export configurations
- ...



Full customisation

Create your online specific configuration



Adjust your product to your charging needs

|                                  | LEAD-ACID - PB            | Lithium - LFP          | Lithium - Li-ion std    |
|----------------------------------|---------------------------|------------------------|-------------------------|
| <b>VOLTAGE CELL (20% - 100%)</b> | 2.0V/cell – 2.15 V/cell   | 3.2V/cell – 3.6 V/cell | 3.5 V/cell – 4.2 V/cell |
| <b>CHARGING VOLTAGE</b>          | 2.33 V/cell – 2.47 V/cell | 3.6 V/cell             | 4.2 V/cell              |
| <b>Gysflash xx.12 CNT</b>        | 1 S* – 6 S                | 1 S – 4 S              | 1 S – 3 S               |
| <b>Gysflash xx.24 CNT</b>        | 1 S – 12 S                | 1 S – 8 S              | 1 S – 7 S               |
| <b>Gysflash xx.48 CNT</b>        | 1 S – 24 S                | 1 S – 16 S             | 1 S – 14 S              |

\*S = Battery serial cells

Download a GYS specific configuration

| Configuration file (gys.fr) | Applications  | CHARGE MODE |     |        |      |       |                          |             |            |           |              | POWER MODE |             |              |              | MISCELLANEOUS |                  |             |        |     |
|-----------------------------|---|-------------|-----|--------|------|-------|--------------------------|-------------|------------|-----------|--------------|------------|-------------|--------------|--------------|---------------|------------------|-------------|--------|-----|
|                             |   | Pb-CHARGE   |     |        |      |       | Li-CHARGE                |             |            | TRACTION  |              | SHOWROOM   | CHANGE BAT. | STARTER MODE | POWER SUPPLY | Li-SUPPLY/LFP | Li-SUPPLY/Li-ion | TESTER MODE |        |     |
|                             |   | normal      | AGM | liquid | Easy | Boost | Recovery + Ca / Ca recov | LFP/LiFePO4 | Li-ion std | LFP cell+ | Li-ion cell+ |            |             |              |              |               |                  |             | liquid | gel |
| 1_gys_original.gfc          | Initial configuration of the charger                          | ✓           | ✓   | ✓      | ✓    | ✓     | ✓                        | ✓           | ✓          | ✓         | ✓            | ✓          | ✓           | ✓            | ✓            | ✓             | ✓                | ✓           | ✓      | ✓   |
| 2_car_extended.gfc          | Extensive features for garages                                | ✓           | ✓   | ✓      | ✓    | ✓     | ✓                        | ✓           | ✓          | ✓         | ✓            | ✓          | ✓           | ✓            | ✓            | ✓             | ✓                | ✓           | ✓      | ✓   |
| 3_showroom_only.gfc         | Simplified version for dealerships and demonstration vehicles |             |     |        |      |       |                          |             |            |           |              | ✓          |             |              |              |               |                  |             |        |     |
| 4_pro_lithium.gfc           | Professional of lithium battery                               |             |     |        |      |       |                          |             |            |           | ✓            | ✓          | ✓           | ✓            |              |               | ✓                | ✓           | ✓      |     |
| 5_traction.gfc              | Forklift truck, electric pallet truck, stacker...             |             |     |        |      |       |                          |             |            |           |              |            |             |              |              |               |                  |             | ✓      | ✓   |
| 6_full_version.gfc          | Full version  | ✓           | ✓   | ✓      | ✓    | ✓     | ✓                        | ✓           | ✓          | ✓         | ✓            | ✓          | ✓           | ✓            | ✓            | ✓             | ✓                | ✓           | ✓      | ✓   |

MODULES EXTREME MODULARITY

SINGLE MODULE



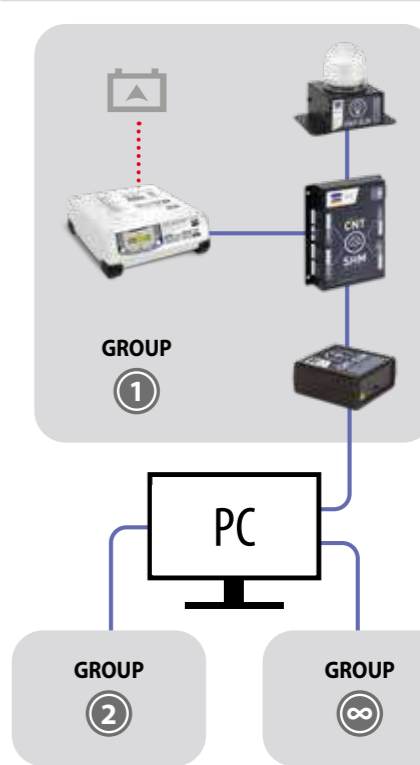
MULTI MODULES



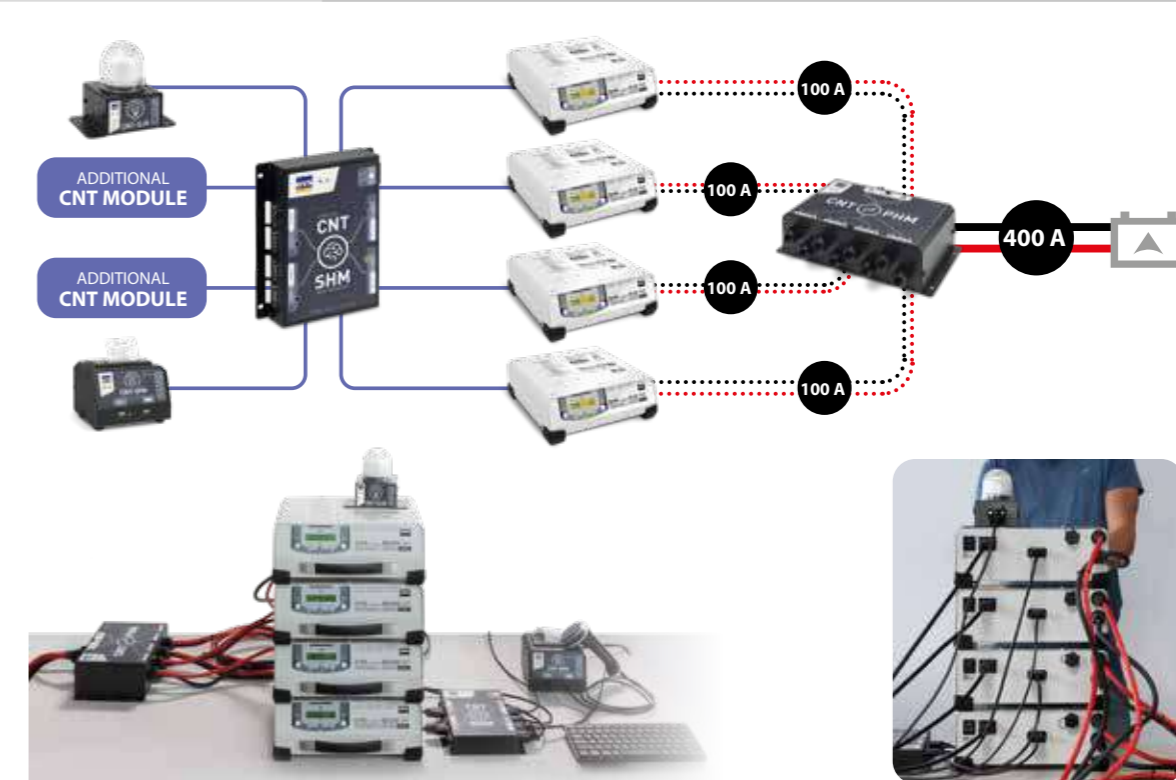
ADVANCED



MULTI MODULES GROUPS



PARALLEL CHARGING EXAMPLE : GYSFLASH 101.12 CNT (X4)





CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology

COMING SOON

LoRa<sup>®</sup> Sigfox CAN BUS and More...



**NEW**

**NEW** CNT-SCM  
Smart Can Module



Scratch fixation



Magnetic fixation

### SMART COMMUNICATION

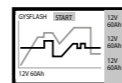
### INCLUDED

#### CNT-SUM

Smart USB Module  
025974

USB micro A  
↳ 6.9 x 6.8 x 2.9 cm / 85g  
☞ 28.5 x 11 x 11.5 cm / 380g

#### Computer / Diag System



SMC Cable  
1 m  
056596

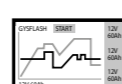


#### CNT-SWM

Smart Wireless Module  
070837

Bluetooth Wifi  
COMING SOON  
↳ 6.9 x 6.8 x 2.9 cm / 85g  
☞ 27.6 x 9.6 x 9.6 cm / 440g

#### Computer / Diag System



SMC Cable  
1 m  
056596



### LIGHT & SOUND

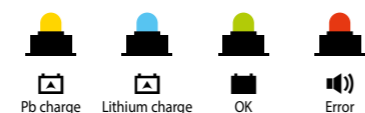
### INCLUDED

#### CNT-SLM

Smart Light Module  
027978



65dB



↳ 12.6 x 14.6 x 9.3 cm / 560g  
☞ 23 x 17 x 13 cm / 840g

SMC Cable  
1 m  
056596



### PRINT & SCAN

### INCLUDED

#### CNT-SPM

Smart Printer Module  
026919

↳ 14 x 10.5 x 13.3 cm / 1.4 kg  
☞ 23 x 17 x 13 cm / 1.9 kg



SMC Cable  
1 m  
056596



Standard roller x2  
57mm x 7.5 m, Ø 25 mm  
056633



#### OPTIONS

Support Barcode scanner  
025745



USB Barcode scanner  
1D/2D  
027718



USB Keyboard

AZERTY 027725  
QWERTY 027770

QWERTZ compatibility



### SMC CABLE

1 m 056596 3 m 025691



YouTube

PLAYLIST  
CNT TECHNOLOGY

### SMART HUB MODULE

### INCLUDED

#### CNT-SHM

Smart Hub Module  
025981

↳ 22 x 18 x 4.5 cm / 1 kg  
☞ 16.4 x 13.4 x 24 cm / 1.7 kg

SMC Cable  
1 m  
056596



#### UP TO 4 MODULES + 4 GYSFLASH



### POWER HUB MODULE

#### CNT-PHM

Power Hub Module  
056589

↳ 31.7 x 24.5 x 9 cm / 2.7 kg  
☞ 32 x 29 x 13.5 cm / 3.2 kg

#### 4 GYSFLASH IN

Ø Cables: 10 → 25 mm<sup>2</sup>



**INCLUDED**  
M6 KIT



OUT Ø Cables: 25 → 70 mm<sup>2</sup>





CHARGERS

# STANDARD ACCESSORIES



### ANDERSON CABLES

| for GYSFLASH  | Anderson/Clamps   | Anderson/NATO                         | Anderson<->Rema 160 A           | Anderson<->Anderson 175 A       | Anderson<->Texas   |
|---|---|---------------------------------------|---------------------------------|---------------------------------|--|
|   | 2.5 m - 16 mm <sup>2</sup> 056503<br>5 m - 16 mm <sup>2</sup> 054615<br>8 m - 16 mm <sup>2</sup> 056572 | 2.5 m - 16 mm <sup>2</sup> 026810<br> | 5 m - 16 mm <sup>2</sup> 069091 | 5 m - 16 mm <sup>2</sup> 069107 | 0.2 m - 16 mm <sup>2</sup> 055902<br>1 m - 16 mm <sup>2</sup> 028791 |
| 30.12 / 50.12<br>100.12 / 101.12<br>102.12 / 32-12 PL | ✓   | ✓                                     | —                               | —                               | ✓  |
| 30.24 / 50.24   | ✓   | ✓                                     | ✓                               | ✓                               | ✓  |
| 53.48   | ✓   | ✓                                     | ✓                               | ✓                               | —  |



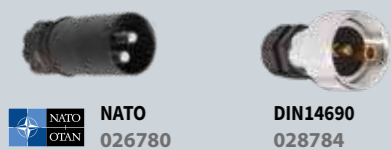
### TEXAS CABLES

| for GYSFLASH                                 | Texas/Clamps   | Texas/Rema 160 A                | Texas/Anderson 175 A            | Texas/NATO  |
|--|--|---------------------------------|---------------------------------|---|
|  | 2.5 m - 25 mm <sup>2</sup> 028876<br>5 m - 25 mm <sup>2</sup> 027886 | 5 m - 16 mm <sup>2</sup> 025714 | 5 m - 25 mm <sup>2</sup> 025721 | 5 m - 25 mm <sup>2</sup> 025707<br>10 m - 25 mm <sup>2</sup> 056626<br> |
| 101.24 / 121.12<br>123.12 / 103.24<br>125.12 | ✓  | ✓                               | ✓                               | ✓   |

### PARALLEL CABLES KIT

072954 = Anderson/Cable lugs M6 x2 16 mm<sup>2</sup> 1 m + Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm<sup>2</sup> 5 m + Texas/Cable lugs M6 x2 25 mm<sup>2</sup> 1 m + M6 KIT Ø16 (x4) Ø25 (x4) Ø35 (x4) + SMC Cable - 1 m

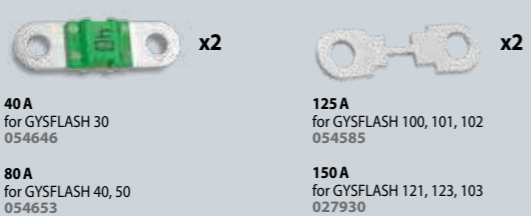
### CONNECTORS



NATO 026780

DIN14690 028784

### INTERNAL FUSES



40 A for GYSFLASH 30 054646

80 A for GYSFLASH 40, 50 054653

125 A for GYSFLASH 100, 101, 102 054585

150 A for GYSFLASH 121, 123, 103 027930

### EXTERNAL FUSES



6.3 A GYSFLASH 30 054578

10 A GYSFLASH 40, 50, 100, 101, 102 056527

### SUPPORTS

Wall support - Tablette Wandhalterung 055513



↓ 21 x 43 x 57 cm / 3.9 kg  
↔ 36 x 43 x 20 cm / 3.3 kg

Heavy-duty case Valise de chantier Hartschalenkoffer 060432



Battery charger Support chargeur Ladeständer 079595

**NEW**



Wall support for GYSFLASH

32.12 PL, 102.12, 123.12, 103.12, 103.24, 15.24 XTREM, 25.48, 53.48

INCLUDED Fixation



OPTION Magnetfix 50 029637



### CONFIGURATION (Trolley - Chariot - Fahrwagen)

▲▲▲ VERTICAL ▲▲▲  
▲▲▲ HORIZONTAL ▲▲▲

**ALL GYSFLASH - COMPATIBILITY -**

Trolley - Chariot Fahrwagen 028890

SLM/SPM support 028906

Cable support 052284

### GYSFLASH CNT PACKS

|  | 101.12 CNT | 121.12 CNT | CNT-SPM + roller + support | Barcode Scanner + support | Trolley | CNT SLM | CNT SHM | CNT PHM | Parallel cables kit |
|--|------------|------------|----------------------------|---------------------------|---------|---------|---------|---------|---------------------|
| pack GYSFLASH CNT 1 068117               | ✓          | —          | ✓                          | ✓                         | ✓       | —       | —       | —       | —                   |
| pack GYSFLASH CNT 2 068124               | ✓          | —          | ✓                          | ✓                         | ✓       | —       | —       | —       | —                   |
| pack GYSFLASH CNT 3 068131               | —          | ✓          | ✓                          | ✓                         | ✓       | —       | —       | —       | —                   |
| pack GYSFLASH CNT 4 068148               | —          | ✓          | ✓                          | ✓                         | ✓       | —       | —       | —       | —                   |
| <b>NEW</b> pack GYSFLASH CNT 5 072978    | ✓ x2       | —          | ✓                          | ✓                         | ✓       | ✓       | ✓       | ✓       | ✓                   |
| <b>NEW</b> pack GYSFLASH CNT 6 074972    | ✓ x2       | —          | ✓                          | ✓                         | ✓       | ✓       | ✓       | ✓       | ✓                   |
| <b>NEW</b> pack Parallel Charging 072961 | —          | —          | —                          | —                         | —       | —       | ✓       | ✓       | ✓                   |
| <b>NEW</b> pack GYSFLASH PRO 1 079908    | —          | —          | ✓                          | ✓                         | ✓       | ✓       | ✓       | —       | —                   |
| <b>NEW</b> pack GYSFLASH PRO 2 079915    | —          | —          | ✓                          | ✓                         | ✓       | ✓       | ✓       | —       | —                   |







CT

CA

GYS

# CHARGERS

35



**CT 160**  
**9 A**  
SSM  
1.5 m - 1.5 mm<sup>2</sup> → 40 A  
024106  
025325



**CT 210**  
**12 A**  
SSM  
1.5 m - 2.5 mm<sup>2</sup> → 40 A  
024113  
025349

**12/24 V • MANUAL W**



Protection for on-board electronics



**CA 150**  
**10 A**  
SSM  
1.5 m - 2.5 mm<sup>2</sup> → 40 A  
024434



**CA 360**  
**25 A**  
SSM  
2 m - 6 mm<sup>2</sup> → 60 A  
023185

**12/24 V • AUTOMATIC W2**

## MULTICHARGE



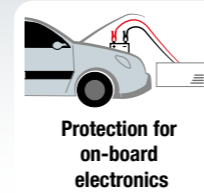
6 charging speeds

**MULTICHARGE CT 48**  
**32 A**  
SSM  
026087

2 m - 6 mm<sup>2</sup> → 60 A

**12/24/36/48 V • MANUAL W**

## WATTMATIC



Protection for on-board electronics



**WATTMATIC 100**  
**5 A** GO > 3.5 V  
SSM START STOP  
024823  
025417  
1.5 m - 1.5 mm<sup>2</sup> → 40 A

**WATTMATIC 140**  
**9 A** GO > 3.5 V  
SSM START STOP  
025608  
025622  
1.5 m - 2.5 mm<sup>2</sup> → 40 A

**WATTMATIC 170**  
**10 A** GO > 3.5 V  
SSM START STOP  
025615  
025639  
1.8 m - 2.5 mm<sup>2</sup> → 40 A

**6/12V • AUTOMATIC WU0U**



Fuse x10

**10A**  
WATTMATIC 100  
054530

**15A**  
CT 160,  
WATTMATIC 140  
054493

**20A**  
CT 210,  
WATTMATIC 150 & 170  
054509

**25A**  
CA 150,  
WATTMATIC 180  
054516

**40A**  
CT 48  
054646

**50A**  
CA 360  
054622

|                   |                |        |              | CHARGE [BATTERY]           |               |               |         |       |       | Effi-<br>cace<br>/RMS    | Reg     | Fuse | L x W x H cm / kg |  |
|-------------------|----------------|--------|--------------|----------------------------|---------------|---------------|---------|-------|-------|--------------------------|---------|------|-------------------|--|
|                   |                |        |              | Average / Moyen (EN 60335) |               |               |         |       |       |                          |         |      |                   |  |
|                   |                |        |              | Reg 1                      | Reg 2         | Reg 3         | Voltage |       |       |                          |         |      |                   |  |
|                   |                |        |              |                            |               |               | 12V >   | 24V > | 48V > |                          |         |      |                   |  |
| CT 160            | 230V, 50/60 Hz | 190 W  | 12/24V       | 7 A                        | 9 A (boost)   | —             | 13,5 A  | 2     | 15 A  | 30.3 x 20.7 x 13.9 / 3.9 | 3,9 kg  |      |                   |  |
| CT 210            | 230V, 50/60 Hz | 260 W  | 12/24V       | 3 A                        | 5 A (boost)   | —             | 7,5 A   | 2     | 20 A  | 33.4 x 22.5 x 14.4 / 5.3 | 5,2 kg  |      |                   |  |
| MULTICHARGE CT 48 | 230V, 50/60 Hz | 1200 W | 12/24/36/48V | 8 A                        | 12 A (boost)  | —             | 18 A    | 2     | 40 A  | 40.5 x 34 x 24 / 15.8    | 15,5 kg |      |                   |  |
| CA 150            | 230V, 50/60 Hz | 500 W  | 12/24V       | 8 A                        | 10 A (boost)  | —             | 18 A    | 2     | 25 A  | 32.8 x 25.5 x 14.6 / 6.5 | 6 kg    |      |                   |  |
| CA 360            | 230V, 50/60 Hz | 920 W  | 12/24V       | 7 A                        | 15 A (boost1) | 25 A (boost2) | 37 A    | 3     | 50 A  | 43 x 30 x 23 / 14        | 14 kg   |      |                   |  |
| WATTMATIC 100     | 230V, 50 Hz    | 170 W  | 6/12V        | 3 A                        | 5 A           | —             | 11.4 A  | 2     | 10 A  | 26.9 x 24.3 x 12.8 / 3.7 | 3,8 kg  |      |                   |  |
| WATTMATIC 140     | 230V, 50 Hz    | 230 W  | 6/12V        | 5 A                        | 9 A (boost)   | —             | 16.5 A  | 2     | 15 A  | 33.9 x 22.2 x 13.4 / 4.8 | 4,8 kg  |      |                   |  |
| WATTMATIC 170     | 230V, 50 Hz    | 280 W  | 6/12V        | 6.5 A                      | 10 A (boost)  | —             | 18.8 A  | 2     | 20 A  | 33.9 x 22.2 x 13.6 / 5   | 5 kg    |      |                   |  |

| RECOMMENDATION    | 5 Ah 10 Ah 15 Ah 20 Ah 40 Ah 80 Ah 90 Ah 110 Ah 120 Ah 180 Ah 240 Ah 300 Ah + Ah |        |                   |        |        |               |               |               |   |        |                   |        |        |               |               |               |
|-------------------|--|--------|-------------------|--------|--------|---------------|---------------|---------------|---|--------|-------------------|--------|--------|---------------|---------------|---------------|
|                   | 6V   |        |                   | 12V    |        |               | 24V           |               |   | 48V    |                   |        |        |               |               |               |
|                   | CT 160   | CT 210 | MULTICHARGE CT 48 | CA 150 | CA 360 | WATTMATIC 100 | WATTMATIC 140 | WATTMATIC 170 | CT 160  | CT 210 | MULTICHARGE CT 48 | CA 150 | CA 360 | WATTMATIC 100 | WATTMATIC 140 | WATTMATIC 170 |
| CT 160            |  |        |                   |        |        |               |               |               | 12 V : 25 · 160 Ah - 24 V : 15 > 90 Ah          |        |                   |        |        |               |               |               |
| CT 210            |  |        |                   |        |        |               |               |               | 12 V : 35 · 210 Ah - 24 V : 20 > 100 Ah         |        |                   |        |        |               |               |               |
| MULTICHARGE CT 48 |  |        |                   |        |        |               |               |               | 12, 24, 36 V : 90 · 450 Ah - 48 V : 70 · 360 Ah |        |                   |        |        |               |               |               |
| CA 150            |  |        |                   |        |        |               |               |               | 35 · 150 Ah                                     |        |                   |        |        |               |               |               |
| CA 360            |  |        |                   |        |        |               |               |               | 40 · 350 Ah                                     |        |                   |        |        |               |               |               |
| WATTMATIC 100     |  |        |                   |        |        |               |               |               | 15 · 100 Ah                                     |        |                   |        |        |               |               |               |
| WATTMATIC 140     |  |        |                   |        |        |               |               |               | 20 · 150 Ah                                     |        |                   |        |        |               |               |               |
| WATTMATIC 170     |  |        |                   |        |        |               |               |               | 25 · 180 Ah                                     |        |                   |        |        |               |               |               |

CT / CA / WATTMATIC

CHARGERS

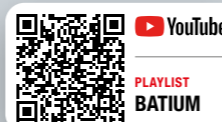
**BATIUM**

- SSM SELF START MEMORY
- AUTO DETECT BATTERY VOLTAGE DETECTION
- ALL BATTERIES

# CHARGERS

AUTOMATIC, SMART &amp; FAST

- Microprocessor Control
- FULL PROTECTION
- On-board electronics
- Over voltage
- Reverse polarity
- No sparks



**BATIUM 7.12**

**7 A** GO > 2 V

- SSM
- START STOP
- AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024496  
888 : 024557

**BATIUM 15.12**

**15 A** GO > 0.5V

- SSM
- START STOP
- AUTO DETECT
- SOS RECOVERY

1.5 m - 2.5 mm<sup>2</sup> → 40 A

024519  
888 : 024632

**BATIUM 25.24 X**

**25 A** GO > 0.5V

- SSM
- START STOP
- AUTO DETECT
- SOS RECOVERY

2 m - 6 mm<sup>2</sup> → 60 A

024830

6/12V **IWUoU**

**BATIUM 7.24**

**7 A** GO > 2 V

- SSM
- START STOP
- AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024502  
888 : 024625

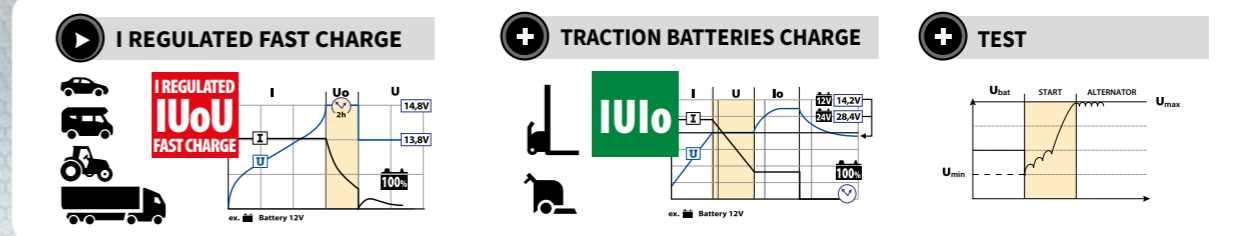
**BATIUM 15.24**

**15 A** GO > 0.5V

- SSM
- START STOP
- AUTO DETECT
- SOS RECOVERY

1.5 m - 2.5 mm<sup>2</sup> → 40 A

024526  
888 : 024588

6/12/24V **IWUoU**

6/12/24V

Specific charge  
Traction batteries

**Fuse x10**

15A BATIUM 7/12 & 7/24  
054493

30A BATIUM 15/12 & 15/24  
054523

| RECOMMENDATION | 6V   |       |       |       |       |       |       |        |        |        |        |        | 12V         |      |       |       |       |       |       |       |        |        |        |        | 24V    |   |      |       |       |       |       |       |       |        |        |        |        |        |
|----------------|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------------|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|---|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
|                | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah | +           | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah | + | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah |
| BATIUM 7/12    |      |       |       |       |       |       |       |        |        |        |        |        | 15 · 130 Ah |      |       |       |       |       |       |       |        |        |        |        |        |   |      |       |       |       |       |       |       |        |        |        |        |        |
| BATIUM 7/24    |      |       |       |       |       |       |       |        |        |        |        |        | 15 · 130 Ah |      |       |       |       |       |       |       |        |        |        |        |        |   |      |       |       |       |       |       |       |        |        |        |        |        |
| BATIUM 15/12   |      |       |       |       |       |       |       |        |        |        |        |        | 35 · 225 Ah |      |       |       |       |       |       |       |        |        |        |        |        |   |      |       |       |       |       |       |       |        |        |        |        |        |
| BATIUM 15/24   |      |       |       |       |       |       |       |        |        |        |        |        | 35 · 225 Ah |      |       |       |       |       |       |       |        |        |        |        |        |   |      |       |       |       |       |       |       |        |        |        |        |        |
| BATIUM 25/24 X |      |       |       |       |       |       |       |        |        |        |        |        | 35 · 350 Ah |      |       |       |       |       |       |       |        |        |        |        |        |   |      |       |       |       |       |       |       |        |        |        |        |        |

|                      | MADE IN FRANCE | 50/60 Hz | ⚡     | CHARGE   |                |                            |       |       |       |     |     | Fuse                   | L x W x H cm / kg | ⚖️ | SOS RECOVERY |
|----------------------|----------------|----------|-------|----------|----------------|----------------------------|-------|-------|-------|-----|-----|------------------------|-------------------|----|--------------|
|                      |                |          |       | Reg      | RMS / Efficace | Average / Moyen (EN 60335) |       |       | boost |     |     |                        |                   |    |              |
|                      |                |          |       |          |                | Reg 1                      | Reg 2 | Reg 3 |       |     |     |                        |                   |    |              |
| <b>BATIUM 7.12</b>   |                | 230V     | 105W  | 6/12V    | 2              | 11A                        | 3A    | —     | —     | 7A  | 15A | 13.5 × 36 × 21 / 4.6   | 4.6 kg            | —  |              |
| <b>BATIUM 15.12</b>  |                | 230V     | 225W  | 6/12V    | 3              | 22A                        | 7A    | 10A   | —     | 15A | 30A | 36.2 × 21.2 × 14 / 5.7 | 5.6 kg            | •  |              |
| <b>BATIUM 7.24</b>   |                | 230V     | 210W  | 6/12/24V | 2              | 11A                        | 3A    | —     | —     | 7A  | 15A | 34.8 × 21 × 14.1 / 5.4 | 5.4 kg            | —  |              |
| <b>BATIUM 15.24</b>  |                | 230V     | 450W  | 6/12/24V | 3              | 22A                        | 7A    | 10A   | —     | 15A | 30A | 36.2 × 21 × 14.3 / 7.1 | 7.1 kg            | •  |              |
| <b>BATIUM 25.24X</b> |                | 230V     | 1150W | 6/12/24V | 3              | 37A                        | 7A    | 15A   | 25A   | —   | —   | 42 × 28 × 24.5 / 13.5  | 13.4 kg           | •  |              |



# CHARGERS & STARTERS

12 - 24 V

## TRADITIONAL

|          |    |
|----------|----|
| START    | 40 |
| NEOSTART | 41 |

## AUTOMATIC

|          |    |
|----------|----|
| STARTIUM | 42 |
|----------|----|

## BATTERY SUPPORT UNIT

|              |    |
|--------------|----|
| DIAGSTARTIUM | 43 |
| STARTFLASH   | 44 |



STARTUP



START / NEOSTART

CHARGERS & STARTERS

# AUTOMATIC W2

SSM SELF START MEMORY



12 V

STARTUP 80

17 A

SSM

024922  
025127



CHARGERS & STARTERS

# TRADITIONAL W

SSM SELF START MEMORY



12 V

12/24 V

START 200

18 A

SSM

1.5 m - 6 mm<sup>2</sup> → 60 A  
025530



START 300

23 A

SSM

2 m - 10 mm<sup>2</sup> → 220 A  
025547



NEOSTART 320

9 / 40 A

SSM

2 m - 10 mm<sup>2</sup> → 220 A  
025301



NEOSTART 420

40 A

SSM

1.8 m - 10 mm<sup>2</sup> → 500 A  
025295  
025479



NEOSTART 620

60 A

SSM

1.8 m - 16 mm<sup>2</sup> → 500 A  
025288  
025486



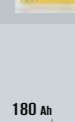
Fuse x2



50 A  
Start 200  
054622



80 A  
Start 300  
054653



150 A  
Neostart 320  
054639



200 A  
Neostart 420, 620  
054547

DESIGN GYS FRANCE

MADE IN GYS CHINA

40

|              | 50/60 Hz | I <sub>1</sub> | Voltage | CHARGE    |          |     |                |                            |       |           | START  |              |       | Fuse  | LxWxH cm / kg | LxWxH cm / kg |                         |                       |
|--------------|----------|----------------|---------|-----------|----------|-----|----------------|----------------------------|-------|-----------|--------|--------------|-------|-------|---------------|---------------|-------------------------|-----------------------|
|              |          |                |         | CHARGE kW | START kW | Reg | RMS / Efficace | Average / Moyen (EN 60335) | Boost | Automatic | Manual | min · max    | 1V/C  |       |               |               | 0V/C                    |                       |
| START UP 80  | 230V     | 13 A           | 12V     | 0,35      | 1        | 2   | 13,5-25 A      | 9 A                        | 17 A  | ·         | —      | 40 · 170 Ah  | 50 A  | 80 A  | —             | —             | 17 x 11,5 x 31 / 4      | 19 x 12 x 32 / 4,2    |
| START 200    | 230V     | 13 A           | 12V     | 0,39      | 1,4      | 3   | 15-25 A        | 11 A                       | 18 A  | —         | ·      | 53 · 240 Ah  | 80 A  | 120 A | —             | 50 A          | 35 x 24 x 15 / 7,6      | 37 x 27 x 18 / 8      |
| START 300    | 230V     | 13 A           | 12V     | 0,8       | 3,6      | 3   | 13-36 A        | 10 A                       | 23 A  | ·         | ·      | 42 · 300 Ah  | 100 A | 165 A | —             | 80 A          | 36 x 27 x 20 / 12,4     | 40 x 35 x 23,5 / 13,7 |
|              |          | 13 A           | 24V     | 1,2       | 3,6      |     |                | 8 A                        | 17 A  |           |        |              |       |       |               |               |                         |                       |
| NEOSTART 320 | 230V     | 13 A           | 12/24V  | 0,8       | 6,5      | 3   | 40 A           | 10 A                       | 40 A  | —         | ·      | 20 · 700 Ah  | 160 A | 270 A | —             | 150 A         | 41 x 30 x 21 / 13       | 41 x 35 x 24 / 14,7   |
| NEOSTART 420 | 230V     | 16 A           | 12/24V  | 1,7       | 9        | 3   | 70 A           | 20 A                       | 40 A  | —         | ·      | 20 · 1000 Ah | 250 A | 420 A | —             | 200 A         | 48 x 30 x 23 / 18       | 52 x 34 x 31 / 21     |
| NEOSTART 620 | 230V     | 16 A           | 12/24V  | 2         | 10       | 3   | 90 A           | 30 A                       | 60 A  | —         | ·      | 20 · 1350 Ah | 330 A | 620 A | —             | 200 A         | 31,5 x 23 x 44,5 / 23,7 | 21 x 33,5 x 26,5 / 24 |

RECOMMENDATION

|              | 6V | 12V | 24V | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah      | 80 Ah       | 90 Ah       | 110 Ah      | 120 Ah       | 180 Ah | 240 Ah | 300 Ah | + Ah |
|--------------|----|-----|-----|------|-------|-------|-------|------------|-------------|-------------|-------------|--------------|--------|--------|--------|------|
| START UP 80  | ·  | ·   | ·   |      |       |       |       | 35 · 50 Ah |             |             |             |              |        |        |        |      |
| START 200    |    | ·   | ·   |      |       |       |       | 35 · 40 Ah | 40 · 80 Ah  |             |             |              |        |        |        |      |
| START 300    |    | ·   | ·   |      |       |       |       | 35 · 50 Ah | 50 · 100 Ah |             |             |              |        |        |        |      |
| NEOSTART 320 |    | ·   | ·   |      |       |       |       |            | 35 · 60 Ah  | 60 · 120 Ah |             |              |        |        |        |      |
| NEOSTART 420 |    | ·   | ·   |      |       |       |       |            |             | 35 · 80 Ah  | 80 · 160 Ah |              |        |        |        |      |
| NEOSTART 620 |    | ·   | ·   |      |       |       |       |            |             |             | 45 · 100 Ah | 100 · 200 Ah |        |        |        |      |



41

START / NEOSTART

CHARGERS & STARTERS

CHARGERS & STARTERS  
**AUTOMATIC** IWUoU

- 3 in 1**
- AUTOMATIC CHARGE**  
= BATTUM
  - AUTOMATIC START**
  - TEST ALTERNATOR**

- TIMER**
- UNIVERSAL MODE** **AUTO SELECTION**
- SULFATED BATTERIES**
- START STOP** **ALL BATTERIES**
- GO** >1V
- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks



CHARGERS & STARTERS  
**AUTOMATIC & BSU** IWUoU  
BATTERY SUPPORT UNIT

**BSU Battery Support Unit**

**POWER SUPPLY**  
**DIAG+ 60A**  
Voltage adjustable 12V • 15V

**BATTERY EXPERT**



**12/24V**

**STARTIUM 330E**  
**25 A**  
1,9 m - 10 mm<sup>2</sup> → 500 A  
026469

**STARTIUM 480E**  
**40 A**  
1,9 m - 16 mm<sup>2</sup> → 600 A  
026483  
025578

**STARTIUM 680E**  
**45 A**  
2,2 m - 25 mm<sup>2</sup> → 600 A  
026490  
025585

**STARTIUM 980E**  
**50 A**  
2,5 m - 35 mm<sup>2</sup> → 600 A  
026506

**12V**  
**DIAG STARTIUM 60-12**  
**60 A**  
2,2 m - 25 mm<sup>2</sup> → 600 A  
026513

**12/24V**  
**DIAG STARTIUM 60-24**  
**60 A**  
2,2 m - 25 mm<sup>2</sup> → 600 A  
026520  
025592

| MADE IN FRANCE             | I <sub>1</sub> | CHARGE | START |      | BSU | FUSE  | LxWxH cm / kg       | LxWxH cm / kg     | CCA I (EN) START |            |             |       |       |
|----------------------------|----------------|--------|-------|------|-----|-------|---------------------|-------------------|------------------|------------|-------------|-------|-------|
|                            |                |        | 1V/C  | 0V/C |     |       |                     |                   |                  | AUTO START | BOOST       |       |       |
| <b>STARTIUM 330E</b>       | 230V           | 16 A   | 0,8   | 6,5  | •   | 100 A | 26 x 26 x 47 / 15,5 | 28 x 28 x 47 / 16 | 500 A            |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  | 12V        | 20 > 370 Ah | 165 A | 270 A |
| <b>STARTIUM 480E</b>       | 230V           | 16 A   | 1,7   | 9    | •   | 200 A | 34 x 30 x 64 / 20,5 | 64 x 37 x 31 / 29 | 750 A            |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  | 12V        | 20 > 600 Ah | 280 A | 390 A |
| <b>STARTIUM 680E</b>       | 230V           | 16 A   | 2     | 10   | •   | 200 A | 34 x 30 x 64 / 20,5 | 65 x 37 x 31 / 31 | 900 A            |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  | 12V        | 20 > 450 Ah | 380 A | 290 A |
| <b>STARTIUM 980E</b>       | 230V           | 16 A   | 2     | 12   | •   | 250 A | 34 x 30 x 80 / 30   | 65 x 37 x 32 / 36 | 1400 A           |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  | 12V        | 20 > 750 Ah | 500 A | 720 A |
| <b>DIAG STARTIUM 60-12</b> | 230V           | 16 A   | 2     | 10   | •   | 200 A | 35 x 35 x 72 / 30,5 | 80 x 37 x 35 / 36 | 900 A            |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  | 12V        | 20 > 900 Ah | 310 A | 440 A |
| <b>DIAG STARTIUM 60-24</b> | 230V           | 16 A   | 2     | 10   | •   | 200 A | 35 x 35 x 72 / 30,5 | 80 x 37 x 35 / 36 | 900 A            |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  | 6V         | —           | —     | —     |
|                            |                |        |       |      |     |       |                     |                   |                  | 12V        | 20 > 900 Ah | 300 A | 430 A |
|                            |                |        |       |      |     |       |                     |                   |                  |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  |            |             |       |       |
|                            |                |        |       |      |     |       |                     |                   |                  |            |             |       |       |

| Fuse x2                    | 100 A         |        | 200 A                                   |        | 250 A         |        |       |       |            |       |        |             |        |              |        |              |
|----------------------------|---------------|--------|---|--------|---------------|--------|-------|-------|------------|-------|--------|-------------|--------|--------------|--------|--------------|
|                            | Startium 330E | 054394 | Startium 480E, 680E, Diag. 60-12, 60-24 | 054547 | Startium 980E | 055568 |       |       |            |       |        |             |        |              |        |              |
| <b>RECOMMENDATION</b>      | 6V            | 12V    | 24V                                     | 5 Ah   | 10 Ah         | 15 Ah  | 20 Ah | 40 Ah | 80 Ah      | 90 Ah | 110 Ah | 120 Ah      | 180 Ah | 240 Ah       | 300 Ah | + Ah         |
| <b>STARTIUM 330E</b>       |               |        |   |        |               |        |       |       | 40 • 80 Ah |       |        | 80 • 120 Ah |        |              |        |              |
| <b>STARTIUM 480E</b>       |               |        |   |        |               |        |       |       |            |       |        | 40 • 120 Ah |        | 120 • 160 Ah |        |              |
| <b>STARTIUM 680E</b>       |               |        |   |        |               |        |       |       |            |       |        |             |        | 50 • 180 Ah  |        | 180 • 200 Ah |
| <b>STARTIUM 980E</b>       |               |        |   |        |               |        |       |       |            |       |        |             |        |              |        | 50 • 240 Ah  |
| <b>DIAG STARTIUM 60-12</b> |               |        |   |        |               |        |       |       |            |       |        |             |        | 50 • 180 Ah  |        | 180 • 200 Ah |
| <b>DIAG STARTIUM 60-24</b> |               |        |   |        |               |        |       |       |            |       |        |             |        | 50 • 180 Ah  |        | 180 • 200 Ah |



STARTFLASH

CHARGERS & STARTERS

# AUTOMATIC & BSU

CNT Connected Technology

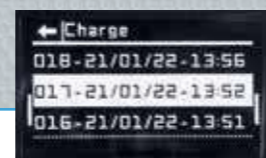
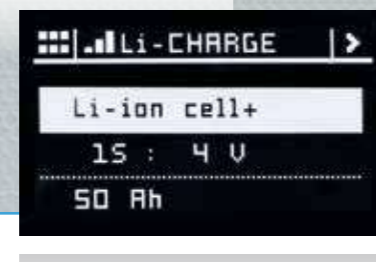
BATTERY SUPPORT UNIT

SPECIAL PROJECTS

Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK
- ES TR UA
- PT HR
- IT HU



## 4 in 1

### AUTOMATIC CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

#### Pb TRACTION

- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



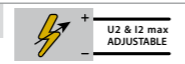
#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks

UNIVERSAL MODE AUTO SELECTION

SULFATED BATTERIES ALL BATTERIES

GO >1V

PFC POWER FACTOR CORRECTION  
185 V ← 265 V

1 WORLD PREMIERE

## NEW



### 6/12/24V

### STARTFLASH 120.24 CNT

## 2 > 300 A

5 m - 35 mm<sup>2</sup> > 700 A  
073616

OPTION



Trolley  
074965



Texas/Clamps  
2.5 m - 25 mm<sup>2</sup> 028876  
5 m - 25 mm<sup>2</sup> 027886



Texas/Rema 160 A  
5 m - 16 mm<sup>2</sup> 025714



Texas/Anderson 175 A  
5 m - 25 mm<sup>2</sup> 025721



Texas/NATO  
5 m - 25 mm<sup>2</sup> 025707  
10 m - 25 mm<sup>2</sup> 056626

### CNT Connected Technology

#### SOFTWARE UPDATE



UPDATE STARTFLASH EVOLUTIONS



#### CUSTOMIZATION



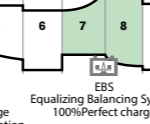
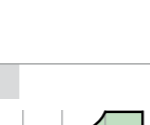
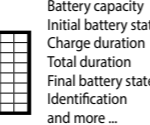
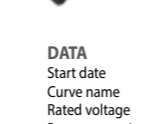
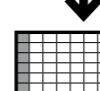
UPDATE CUSTOM CONFIGURATION



CNT MANAGER  
• STARTFLASH parameters  
• Custom curves  
• Multi products management  
• Import/export configurations  
...

#### TRACEABILITY

EXPORT DATA CAPABILITIES



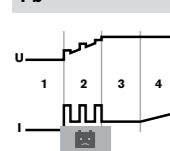
DATA  
Start date  
Curve name  
Rated voltage  
Battery capacity  
Initial battery state  
Charge duration  
Total duration  
Final battery state  
Identification and more ...

Connected Modules & Technology p.26



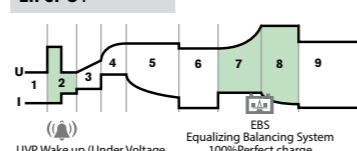
### SMART 9 STEP

#### Pb



- Status analysis
- Recovery
- Sulfation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

#### LiFePO<sub>4</sub>



- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection  
EBS Equalizing Balancing System 100% Perfect charge



| STARTFLASH 120        | 50/60 Hz  | 6/12/24V | 3500W | START MINI | CHARGE           |            |            | TRACTION BATTERIES | START    |       |            | IP | LxWxH cm / kg | LxWxH cm / kg         |                           |
|-----------------------|-----------|----------|-------|------------|------------------|------------|------------|--------------------|----------|-------|------------|----|---------------|-----------------------|---------------------------|
|                       |           |          |       |            | I <sub>max</sub> | 25°C @100% | 40°C @100% |                    | 1V/C     | 0V/C  | AUTO START |    |               |                       |                           |
| STARTFLASH 120.24 CNT | 85 > 265V | 6/12/24V | 3500W | 2V         | 110V : 100 A     | 75 A       | 55 A       | •                  | 6/12/24V | 150 A | 150 A      | •  | 20            | 49 x 37.5 x 30.5 / 14 | 41.5 x 32.5 x 25.5 / 18.5 |
|                       |           |          |       |            | 230V : 120 A     | 110 A      | 90 A       |                    | 6V :     | 300 A | 300 A      |    |               |                       |                           |
|                       |           |          |       |            |                  |            |            |                    | 12V :    | 300 A | 300 A      |    |               |                       |                           |
|                       |           |          |       |            |                  |            |            | 24V :              | 200 A    | 300 A |            |    |               |                       |                           |



# BOOSTERS

6 - 12 - 24 V

## Pb inside

|               |    |
|---------------|----|
| GYSPACK       | 48 |
| STARTPACK     | 52 |
| ENERGYSTATION | 55 |

## LITHIUM inside

|             |    |
|-------------|----|
| NOMAD POWER | 58 |
|-------------|----|

## SUPER CAPACITOR inside

|            |    |
|------------|----|
| STARTRONIC | 60 |
| GYSCAP     | 61 |



GYSPACK

BOOSTERS

Pb/LEAD  INSIDE

 POWER SUPPLY  
12V DC

 COMPRESSOR



Air Kit  
Included  
4bars

 i

12V = 6 C\*

24V = 12 C\*  
6 C\* + 6 C\*

\*C = cells, cellules

HERITAGE  
6/12 V



49


GYSPACK

BOOSTERS • Pb INSIDE




12 V 18 Ah  INSIDE  
HOBBIES OCCASIONAL  PRO INTENSIVE 


GYSPACK 400   
1 250 A 480 A  
1V/C


 0.6 m - 16 mm<sup>2</sup> → 300 A  
025455  
025516

GYSPACK AIR   
1 250 A 480 A  
1V/C

 1.1 m - 25 mm<sup>2</sup> → 500 A  
026322

12 V 22 Ah  INSIDE  
HOBBIES OCCASIONAL  PRO INTENSIVE 


GYSPACK 600   
1 750 A 550 A  
1V/C

 0.6 m - 16 mm<sup>2</sup> → 300 A  
027336  
027497

GYSPACK PRO   
1 750 A 600 A  
1V/C

 1.1 m - 25 mm<sup>2</sup> → 500 A  
026155  
025523

6 / 12 V 20 Ah + 20 Ah  INSIDE  
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK HERITAGE 6/12   
6V 3 200 A 400 A  
12V 1 600 A 450 A  
1V/C

1.8 m - 25 mm<sup>2</sup> → 600 A  
025844



INCLUDED GYSPACK Heritage

OPTION

MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202  
Fuse 7,5 A

CHARGER  
Power in 110-240 V / out 12 V  
50/60 Hz  
054677  
054660



CHARGER  
Power in 110-240 V / out 12 V  
50/60 Hz  
054684  
054691



Après chaque utilisation  
After each use  
Nach jeder Anwendung

DESIGN  
GYS FRANCE  
MADE IN  
GYS CHINA

|                       | Inside       | START     | 1V/C           | Cranking CC    | Peak Battery     | ON/OFF | Fuse | Power Supply | EXTERNAL Charge 230V | TEST OK | LxWxH cm / kg          | LxWxH cm / kg          |
|-----------------------|--------------|-----------|----------------|----------------|------------------|--------|------|--------------|----------------------|---------|------------------------|------------------------|
| GYSPACK 400           | 12V-18 Ah    | 12V       | 480 A          | 900 A          | 1250 A           | —      | —    | 12V DC/0,5A  | 12V DC/1,2A          | •       | 26 x 13 x 29.5 / 6.4   | 28.5 x 16 x 34 / 7.2   |
| GYSPACK AIR           | 12V-18 Ah    | 12V       | 480 A          | 900 A          | 1250 A           | •      | •    | 12V DC/0,5A  | 12V DC/1,2A          | •       | 33 x 17 x 37 / 8.5     | 38.5 x 22 x 44 / 9.4   |
| GYSPACK 600           | 12V-22 Ah    | 12V       | 550 A          | 1050 A         | 1750 A           | —      | —    | 12V DC       | 12V DC/1,2A          | •       | 25.5 x 14 x 29.5 / 7.5 | 29.5 x 16 x 35.5 / 8.2 |
| GYSPACK PRO           | 12V-22 Ah    | 12V       | 600 A          | 1100 A         | 1750 A           | •      | •    | 12V DC       | 12V DC/1,2A          | •       | 35 x 14 x 37 / 9       | 39 x 17 x 45 / 9.5     |
| GYSPACK HERITAGE 6/12 | 6V-2 x 20 Ah | 6V<br>12V | 400 A<br>450 A | 800 A<br>850 A | 3200 A<br>1600 A | •      | •    | 1 x 300 A    | 12V DC/2A            | •       | 36 x 11 x 45 / 13      | 39 x 22 x 51 / 14      |

RECOMMENDATION

|                    | 6V | 12V | 24V | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah | + Ah |
|--------------------|----|-----|-----|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|
| GYSPACK AUTO / 400 | •  | •   |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK AIR        |    |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK 600        |    |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK PRO        |    |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK HERITAGE   | •  | •   |     |      |       |       |       |       |       |       |        |        |        |        |        |      |



# BOOSTERS Pb/LEAD INSIDE

**POWER SUPPLY  
12V DC**



**12 V** **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK 660**  
**1 900 A** **640 A**  
**1V/C**  
1.3 m - 25 mm<sup>2</sup> → 600 A  
027862  
027879

INCLUDED GYSPACK 660

**CHARGER**  
⊕ Power in 100-240 V/out 12 V  
50/60 Hz  
027992  
025929

After each use  
Après chaque utilisation  
Nach jeder Anwendung  
**OFF**

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

FOR GYSPACK 660/750/800/700/900

Fuse x2 200 A 054547 300 A 054561



OPTION MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202



Fuse 7,5A



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY



**EnerSys**  
**TPPL**  
TECHNOLOGY  
Thin Plate  
Pure Lead  
**PREMIUM QUALITY BATTERIES**

New handle design

**12 V** **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK PRO 800**  
**2 500 A** **700 A**  
**1V/C**  
1.8 m - 25 mm<sup>2</sup> → 600 A  
068759  
072107

INCLUDED GYSPACK PRO 800

**CHARGER**  
⊕ Power in 110-240 V/out 12 V  
50/60 Hz  
054684  
054691

**12 V** **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK PRO 700**  
**1 800 A** **640 A**  
**1V/C**  
1.4 m - 25 mm<sup>2</sup> → 600 A  
027077  
027947

**INTEGRATED CHARGER**  
**7 STEP**

**12 V** **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK PRO 900**  
**3 100 A** **830 A**  
**1V/C**  
1.8 m - 35 mm<sup>2</sup> → 600 A  
027084  
027954

**INTEGRATED CHARGER**  
**7 STEP**

| Model           | Capacity | Voltage | START |             |              | CHARGER INSIDE | EXTERNAL Charge 230V | Protection |        | Power out |      | Fuse      | Fuse         | LxWxH cm            | LxWxH cm / kg |
|-----------------|----------|---------|-------|-------------|--------------|----------------|----------------------|------------|--------|-----------|------|-----------|--------------|---------------------|---------------|
|                 |          |         | 1V/C  | Cranking CC | Peak Battery |                |                      | ON/OFF     | Memory | DC        | AC   |           |              |                     |               |
| GYSPACK 660     | 28 Ah    | 12V     | 640 A | 1200 A      | 1900 A       | •              | 110-240V             | •          | •      | ⊕ 12V DC  | —    | 1 × 200 A | 35 x 19 x 40 | 39 x 23 x 45 / 13.5 |               |
| GYSPACK 750     | 28 Ah    | 12V     | 750 A | 1450 A      | 2500 A       | •              | 110-240V             | •          | •      | ⊕ 12V DC  | —    | 2 × 200 A | 35 x 19 x 40 | 39 x 23 x 45 / 13.5 |               |
| GYSPACK PRO 800 | 28 Ah    | 12V     | 700 A | 1320 A      | 2500 A       | •              | 110-240V             | •          | •      | ⊕ 12V DC  | 10 A | 2 × 200 A | 31 x 19 x 35 | 32 x 23 x 37 / 18.4 |               |
| GYSPACK PRO 700 | 16 Ah    | 12V     | 640 A | 1200 A      | 1800 A       | •              | 220-240V             | •          | •      | ⊕ 12V DC  | 10 A | 1 × 200 A | 33 x 15 x 32 | 35 x 24 x 36 / 12   |               |
| GYSPACK PRO 900 | 30 Ah    | 12V     | 830 A | 1700 A      | 3100 A       | •              | 220-240V             | •          | •      | ⊕ 12V DC  | 10 A | 1 × 300 A | 33 x 15 x 32 | 35 x 24 x 36 / 16   |               |

| Model           | RECOMMENDATION |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
|-----------------|----------------|-----|-----|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|
|                 | 6V             | 12V | 24V | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah | + Ah |
| GYSPACK 660     | •              | •   | •   |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK 750     |                |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK PRO 800 |                |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK PRO 700 |                |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |
| GYSPACK PRO 900 |                |     |     |      |       |       |       |       |       |       |        |        |        |        |        |      |



STARTPACK

BOOSTERS

Pb/LEAD INSIDE

POWER SUPPLY 12V DC



12/24 V

22Ah + 22Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK TRUCK

|     |         |            |
|-----|---------|------------|
| 12V | 3 200 A | 750 A 1V/C |
| 24V | 1 600 A | 650 A 1V/C |



1.8 m - 25 mm² 600 A 025448 026339

STARTPACK TRUCK MOBILE

|     |         |            |
|-----|---------|------------|
| 12V | 3 200 A | 750 A 1V/C |
| 24V | 1 600 A | 650 A 1V/C |

1.8 m - 25 mm² 600 A 026025 028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE

**CHARGER** Power in 110-240 V/out 12 V 50/60 Hz 054684 054691

**REGULATED 100V FAST CHARGE**

**FV FLEXIBLE VOLTAGE** 85 V - 285 V

**OPTION** MEMORY AUTO SAVE CABLE OBD 1,5 m 054202 Fuse 7,5A

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

| Model                          | Inside  | START |             |              | TEST OK | 50 / 60 Hz | CHARGER INSIDE 230V | EXTERNAL Charge 230V | Protection |        | Power out |        | LxWxH cm | LxWxH cm / kg |              |                   |
|--------------------------------|---------|-------|-------------|--------------|---------|------------|---------------------|----------------------|------------|--------|-----------|--------|----------|---------------|--------------|-------------------|
|                                |         | 1V/C  | Cranking CC | Peak Battery |         |            |                     |                      | ON OFF     | Memory | Fuse      | Fuse   |          |               |              |                   |
| STARTPACK TRUCK / TRUCK MOBILE | 2x 22Ah | 12V   | 750 A       | 1450 A       | 3200 A  | •          | 110-240V            | —                    | 12V/2A DC  | •      | •         | 12V DC | —        | 1x300 A       | 37 x 20 x 46 | 39 x 22 x 50 / 18 |
|                                |         | 24V   | 650 A       | 1300 A       | 1600 A  |            |                     |                      |            |        |           |        |          |               |              |                   |
| STARTPACK 12.24 CI             | 2x 16Ah | 12V   | 900 A       | 1700 A       | 3600 A  | —          | 220-240V            | 4A                   | —          | •      | •         | —      | —        | 1x300 A       | 26 x 20 x 48 | 34 x 20 x 51 / 19 |
|                                |         | 24V   | 700 A       | 1350 A       | 1800 A  |            |                     |                      |            |        |           |        |          |               |              |                   |
| STARTPACK PRO 12.24 CI         | 2x 30Ah | 12V   | 1300 A      | 2400 A       | 6200 A  | —          | 220-240V            | 4A                   | —          | •      | •         | —      | —        | 1x300 A       | 14 x 35 x 56 | 63 x 39 x 30 / 34 |
|                                |         | 24V   | 1200 A      | 2250 A       | 3100 A  |            |                     |                      |            |        |           |        |          |               |              |                   |



New handle design

EnerSys TPPL TECHNOLOGY Thin Plate Pure Lead PREMIUM QUALITY BATTERIES



12/24 V

16Ah + 16Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK 12.24 CI

|     |        |            |     |         |            |
|-----|--------|------------|-----|---------|------------|
| 12V | 3600 A | 900 A 1V/C | 24V | 1 800 A | 700 A 1V/C |
|-----|--------|------------|-----|---------|------------|

1.8 m - 35 mm² 600 A 024991 068155

12/24 V

30Ah + 30Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK PRO 12.24 CI

|     |        |             |     |        |             |
|-----|--------|-------------|-----|--------|-------------|
| 12V | 6200 A | 1300 A 1V/C | 24V | 3100 A | 1200 A 1V/C |
|-----|--------|-------------|-----|--------|-------------|

2 m - 50 mm² 600 A 028920 068162

INCLUDED STARTPACK 12.24 & PRO 12.24

**Fuse x2** 200 A 054547 300 A 054561

**INTEGRATED CHARGER 7 STEP**

**OFF** Après chaque utilisation After each use Nach jeder Anwendung

| RECOMMENDATION         | 6V | 12V | 24V | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah | + Ah     |
|------------------------|----|-----|-----|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|----------|
| STARTPACK TRUCK        | •  | •   |     |      |       |       |       |       |       |       |        |        |        |        |        | > 150 Ah |
| STARTPACK TRUCK MOBILE | •  | •   |     |      |       |       |       |       |       |       |        |        |        |        |        | > 150 Ah |
| STARTPACK 12.24 CI     | •  | •   |     |      |       |       |       |       |       |       |        |        |        |        |        | > 160 Ah |
| STARTPACK PRO 12.24 CI | •  | •   |     |      |       |       |       |       |       |       |        |        |        |        |        | > 220 Ah |



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STARTPACK

BOOSTERS • Pb/LEAD INSIDE



STARTPACK

BOOSTERS

Pb/LEAD INSIDE



SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
  - On-board electronics
  - Reverse polarity
  - Over voltage
  - No sparks
- AUTO DETECT**
  - Battery voltage detection
  - Microprocessor Control
  - TIMER Adjustable



**INCLUDED** GYSFLASH XL 6.12 1.9m 1.9m

**7 STEP**

6 A - Advanced technology 8 step smart charge

12/24 V **50Ah SPIRAL** + **50Ah SPIRAL** INSIDE HOBBIES OCCASIONAL **PRO +++ INTENSIVE**

**STARTPACK PRO 12.24 XL**

|     |                |                       |             |                |                       |
|-----|----------------|-----------------------|-------------|----------------|-----------------------|
| 12V | <b>8 500 A</b> | <b>1600 A</b><br>1V/C | 24V<br>★★★★ | <b>4 250 A</b> | <b>1400 A</b><br>1V/C |
|-----|----------------|-----------------------|-------------|----------------|-----------------------|

2m - 70 mm<sup>2</sup> 1000 A 026711

**OPTION**

STANDARD CABLES 1000 A - 70 mm<sup>2</sup> - 4 m 026827

NATO CABLES 3 m - 50 mm<sup>2</sup> 072589

NATO CONNECTOR 026780

NATO ID / NCAGE : F8154 CG730



| Model                  | Inside   | START   |             |              | CHARGE  |                   | CHARGER     | Protection |      |       | LxWxH cm                   | LxWxH cm / kg |                    |
|------------------------|----------|---|-------------|--------------|---------|-------------------|-------------|------------|------|-------|----------------------------|---------------|--------------------|
|                        |          | 1V/C  | Cranking CC | Peak Battery | min     | max               |             | ON/OFF     | Fuse |       |                            |               |                    |
| STARTPACK PRO 12.24 XL | 2x 50 Ah | 12V: 1 600 A<br>24V: 1 400 A  | 3 000 A     | 8 500 A      | -       | -                 | 6 A outside | automatic  | •    | 300 A | 2m ø 70 mm <sup>2</sup>    | 106 x 32 x 35 | 112 x 35 x 43 / 68 |
| ENERGY STATION FP      |          | according to battery / selon batteries / je nach Batterie (Pb only) |             |              | 12/24 V | 100 > 375 Ah (x2) | 30 A inside | manual     | •    | 300 A | 2,5 m ø 50 mm <sup>2</sup> | 70 x 65 x 91  | 80 x 53 x 28 / 29  |

ENERGY STATION

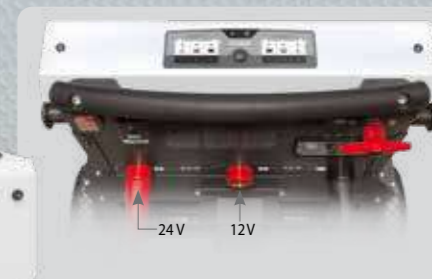
**Charger integrated**

**Autonomous booster**

Recommended ENERGY STATION FP: 2x120x170Ah

**Charge external batteries 12V only**

Batteries not provided  
- Batteries non fournies  
- Ohne Batterie geliefert



- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks
  - Reverse polarity

12/24 V HOBBIES OCCASIONAL **PRO INTENSIVE +++**

**ENERGY STATION FP** 069589

**INTEGRATED CHARGER** 6 STEP

**RECOMMENDATION**

| Model                  | 12V | 24V | 5 Ah | 10 Ah | 15 Ah | 20 Ah | 40 Ah | 80 Ah | 90 Ah | 110 Ah | 120 Ah | 180 Ah | 240 Ah | 300 Ah | + Ah |
|------------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|
| STARTPACK PRO 12.24 XL | •   | •   |      |       |       |       |       |       |       |        |        |        |        |        |      |
| ENERGY STATION FP      | -   | -   |      |       |       |       |       |       |       |        |        |        |        |        |      |



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STARTPACK / ENERGYSTATION

BOOSTERS • Pb/LEAD INSIDE

# SELECT THE RIGHT BOOSTER

## CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

|                   |  | 12 V  |                              |                              |                              |                              |                              |                              |                              |                              | 12-24 V                      |  |  |  |  |                   |
|-------------------|--|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--|--|--|--|-------------------|
| 6/12V             |  | GYSPACK HERITAGE  | GYSPACK 400                  | GYSPACK AIR                  | GYSPACK 600                  | GYSPACK PRO                  | GYSPACK 660                  | GYSPACK PRO 700              | GYSPACK 750                  | GYSPACK PRO 800              | GYSPACK PRO 900              | STARTPACK TRUCK/TRUCK MOBILE   | STARTPACK 12.24 CI   | STARTPACK PRO 12.24 CI   | STARTPACK PRO 12.24 XL   | ENERGY STATION FP |
|                   |  | 025844  | 025455                       | 026322                       | 027336                       | 026155                       | 027862                       | 027077                       | 026179                       | 068759                       | 027084                       | 025448 / 026025  | 024991   | 028920   | 026711   | 069589            |
| VOLTAGE           |  | 6 V<br>12 V   | 12 V                         | 12 V                         | 12 V                         | 12 V                         | 12 V                         | 12 V                         | 12 V                         | 12 V                         | 12 V                         | 12 V   | 12 V   | 12 V   | 12 V   | 12 V              |
| START             |  | 400 <sup>(6 V)</sup><br>450 <sup>(12 V)</sup><br>800 <sup>(6 V)</sup><br>850 <sup>(12 V)</sup><br>3200 <sup>(6 V)</sup><br>1600 <sup>(12 V)</sup> | 480 A                        | 480 A                        | 550 A                        | 600 A                        | 640 A                        | 640 A                        | 750 A                        | 700 A                        | 830 A                        | 750 <sup>(12 V)</sup><br>650 <sup>(24 V)</sup><br>1450 A <sup>(12 V)</sup><br>1300 A <sup>(24 V)</sup><br>3200 A <sup>(12 V)</sup><br>1600 A <sup>(24 V)</sup> | 900 A <sup>(12 V)</sup><br>700 A <sup>(24 V)</sup><br>1700 A <sup>(12 V)</sup><br>1350 A <sup>(24 V)</sup><br>3600 A <sup>(12 V)</sup><br>1800 A <sup>(24 V)</sup> | 1300 A <sup>(12 V)</sup><br>1200 A <sup>(24 V)</sup><br>2400 A <sup>(12 V)</sup><br>2250 A <sup>(24 V)</sup><br>6200 A <sup>(12 V)</sup><br>3100 A <sup>(24 V)</sup> | 1600 A <sup>(12 V)</sup><br>1400 A <sup>(24 V)</sup><br>3000 A <sup>(12 V)</sup><br>2600 A <sup>(24 V)</sup><br>8500 A <sup>(12 V)</sup><br>4250 A <sup>(24 V)</sup> | 12 V<br>24V       |
| C/C               |  | 2 x 20 Ah   | 18 Ah                        | 18 Ah                        | 22 Ah                        | 22 Ah                        | 28 Ah                        | 16 Ah<br><i>EnerSys</i>      | 28 Ah                        | 28 Ah                        | 30 Ah<br><i>EnerSys</i>      | 2 x 22 Ah<br><i>EnerSys</i>  | 2 x 16 Ah<br><i>EnerSys</i>  | 2 x 30 Ah<br><i>EnerSys</i>  | 2 x 50 Ah<br><i>EXIDE TECHNOLOGIES</i>   |                   |
| SPIRAL TECHNOLOGY |  |   |                              |                              |                              |                              |                              |                              |                              |                              |                              |  |  |  |  |                   |
| ON/OFF            |  |   |                              |                              |                              |                              |                              |                              |                              |                              |                              |  |  |  |  |                   |
| TEST/OK           |  |   |                              |                              |                              |                              |                              |                              |                              |                              |                              |  |  |  |  |                   |
| CURRENT           |  | 2 A   | 0,5 A                        | 0,5 A                        | 0,5 A                        | 0,5 A                        | 2 A                          | 2,5 A                        | 2 A                          | 2 A                          | 2,5 A                        | 2 A  | 4 A  | 4 A  | 6 A  | 30 A              |
| CHARGE CYCLE      |  | 1UoU  | WU                           | WU                           | WU                           | WU                           | IUoU                         | 7 step                       | IUoU                         | IUoU                         | 7 step                       | IUoU   | 7 step   | 7 step   | 7 step   | 6 step            |
| DC                |  | 12 V DC   | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC                      | 12 V DC  |  |  |  |                   |
| LIGHT             |  |   |                              |                              |                              |                              |                              |                              |                              |                              |                              |  |  |  |  |                   |
| DIMENSIONS        |  | 1,8 m<br>ø25 mm <sup>2</sup>  | 0,6 m<br>ø16 mm <sup>2</sup> | 1,1 m<br>ø25 mm <sup>2</sup> | 0,6 m<br>ø16 mm <sup>2</sup> | 1,1 m<br>ø25 mm <sup>2</sup> | 1,3 m<br>ø25 mm <sup>2</sup> | 1,4 m<br>ø25 mm <sup>2</sup> | 1,3 m<br>ø25 mm <sup>2</sup> | 1,8 m<br>ø25 mm <sup>2</sup> | 1,8 m<br>ø35 mm <sup>2</sup> | 1,8 m<br>ø35 mm <sup>2</sup>   | 2 m<br>ø50 mm <sup>2</sup>   | 2 m<br>ø70 mm <sup>2</sup>   | 2,5 m<br>ø50 mm <sup>2</sup>   |                   |
| WEIGHT            |  | 37x20x46  | 26x10x29                     | 33x17x37                     | 26x10x29                     | 35x14x37                     | 35x19x40                     | 33x15x32                     | 35x19x40                     | 31x19x35                     | 33x15x32                     | 37x20x46/<br>37x20x57  | 34x18x46   | 63x39x30   | 112x35x43  | 70x65x91          |
| WEIGHT            |  | 18 kg   | 6,5 kg                       | 8,5 kg                       | 6,5 kg                       | 9 kg                         | 13,5 kg                      | 12 kg                        | 13,5 kg                      | 18,4 kg                      | 16 kg                        | 18/21 kg   | 22 kg  | 34 kg  | 68 kg  | 29 kg +<br>       |



**OFF**  
After each use  
Après chaque utilisation  
Nach jeder Anwendung

**CAUTION ON STAND BY**  
Keep your GYSPACK connected to the  
mains supply.

**ATTENTION HORS UTILISATION**  
Laisser le chargeur branché  
en permanence.

**ACHTUNG WENN NICHT IN GEBRAUCH**  
Ladegerät dauernd angeschlossen lassen.

**ATTENTION CUANDO ESTA APAGADO**  
Dejar el cargador conectado permanentemente.

**OPGELET BIJTEN GEBRUIK**  
Laat de lader onafgebroken aangesloten.



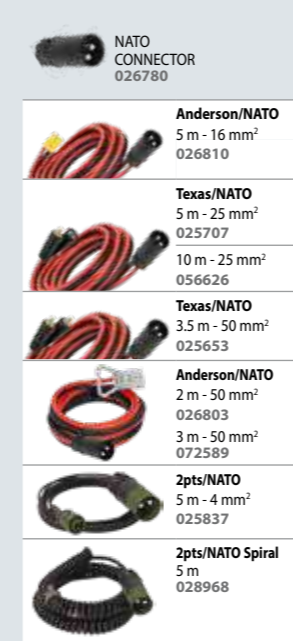
★ **MINI PRO**  
★★★ **PRO**  
★★★★★ **UNIVERSAL PRO**



**NATO / OTAN : PRODUITS COMPATIBLES**  
- Compatible Products - Kompatible Produkte



NATO ID / NCAGE : F8154 CG730



|   | GYSFLASH 30.12, 50.12 FV<br>100.12, 101.12 CNT<br>30.24, 50.24<br>102.12, 32-12PL | GYSFLASH 101.24 CNT FV<br>121.12 CNT FV | GYSFLASH 123.12 CNT FV<br>103.24 CNT FV | GYSFLASH 53.48 CNT FV | GYSFLASH 15.24 XTREM | STARTIUM 980E | STARTPACK PRO 12.24 XL |
|---|---|---|---|-----------------------|----------------------|---------------|------------------------|
| NATO CONNECTOR 026780                         |   |   |   |                       |                      |               |                        |
| Anderson/NATO 5 m - 16 mm <sup>2</sup> 026810 | ✓   | —                                       | —                                       | ✓                     | —                    | —             | —                      |
| Texas/NATO 5 m - 25 mm <sup>2</sup> 025707    | —   | ✓                                       | ✓                                       | —                     | —                    | —             | —                      |
| Texas/NATO 10 m - 25 mm <sup>2</sup> 056626   | —   | —                                       | —                                       | —                     | —                    | —             | —                      |
| Texas/NATO 3.5 m - 50 mm <sup>2</sup> 025653  | —   | —                                       | —                                       | —                     | —                    | ✓             | —                      |
| Anderson/NATO 2 m - 50 mm <sup>2</sup> 026803 | —   | —                                       | —                                       | —                     | —                    | —             | ✓                      |
| Anderson/NATO 3 m - 50 mm <sup>2</sup> 072589 | —   | —                                       | —                                       | —                     | —                    | —             | —                      |
| 2pts/NATO 5 m - 4 mm <sup>2</sup> 025837      | —   | —                                       | —                                       | —                     | ✓                    | —             | —                      |
| 2pts/NATO Spiral 5 m 028968                   | —   | —                                       | —                                       | —                     | ✓                    | —             | —                      |



**BATTERIES DE TRACTION : PRODUITS COMPATIBLES**  
Compatible Products - Kompatible Produkte



**BATIUM 25/24 X**



**GYSFLASH 30.24, 50.24 & 101.24**



**GYSFLASH 103.24 & 53.48**



|                 | TYPE              | 6 h    | 7 h    | 8 h    | 9 h    | 10 h   | 11 h    | 12 h    | 13 h    | 14 h    | CURRENT |      |
|-----------------|-------------------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------|
| 24 V            | BATIUM 25.24 X    | liquid | 75 Ah  | 90 Ah  | 120 Ah | 125 Ah | 130 Ah  | 140 Ah  | 155 Ah  | 165 Ah  | 180 Ah  | 25 A |
|                 | GYSFLASH 30.24 HF | liquid | —      | —      | —      | 75 Ah  | 85 Ah   | 105 Ah  | 125 Ah  | 145 Ah  | 175 Ah  | 15 A |
|                 |                   | gel    | —      | —      | —      | —      | —       | 75 Ah   | 85 Ah   | 105 Ah  | 120 Ah  | 15 A |
|                 | GYSFLASH 50.24 HF | liquid | —      | —      | —      | 250 Ah | 290 Ah  | 350 Ah  | 410 Ah  | 480 Ah  | 550 Ah  | 50 A |
|                 |                   | gel    | —      | —      | —      | —      | —       | 260 Ah  | 290 Ah  | 340 Ah  | 400 Ah  | 50 A |
|                 | GYSFLASH 51.12    | liquid | 130 Ah | 150 Ah | 180 Ah | 210 Ah | 240 Ah  | 270 Ah  | 310 Ah  | 350 Ah  | 390 Ah  | 25 A |
| gel             |                   | —      | —      | 130 Ah | 150 Ah | 160 Ah | 180 Ah  | 200 Ah  | 220 Ah  | 240 Ah  | 25 A    |      |
| GYSFLASH 101.24 | liquid            | 390 Ah | 470 Ah | 550 Ah | 630 Ah | 720 Ah | 820 Ah  | 930 Ah  | 1050 Ah | 1200 Ah | 100 A   |      |
|                 | gel               | —      | —      | 400 Ah | 450 Ah | 500 Ah | 560 Ah  | 610 Ah  | 670 Ah  | 720 Ah  | 100 A   |      |
| GYSFLASH 103.24 | liquid            | 490 Ah | 580 Ah | 680 Ah | 790 Ah | 900 Ah | 1020 Ah | 1160 Ah | 1310 Ah | 1500 Ah | 100 A   |      |
|                 | gel               | —      | —      | 500 Ah | 560 Ah | 630 Ah | 700 Ah  | 760 Ah  | 830 Ah  | 900 Ah  | 100 A   |      |
| 36 / 48 V       | GYSFLASH 25.48    | liquid | 130 Ah | 150 Ah | 180 Ah | 210 Ah | 240 Ah  | 270 Ah  | 310 Ah  | 350 Ah  | 390 Ah  | 25 A |
|                 | GYSFLASH 51.48    | liquid | 260 Ah | 310 Ah | 360 Ah | 420 Ah | 480 Ah  | 540 Ah  | 610 Ah  | 690 Ah  | 790 Ah  | 50 A |
|                 |                   | gel    | —      | —      | 260 Ah | 300 Ah | 330 Ah  | 370 Ah  | 400 Ah  | 440 Ah  | 470 Ah  | 50 A |



- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Brewing
- Floating 100%



- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Completion
- Completion
- Floating 100%

|       |  |   |
|-------|--|---|
| 100 A |  | <b>Cables Anderson 175A/Texas</b><br>5 m - 25 mm <sup>2</sup> 025721    |
| 100 A |  | <b>Cables REMA 160A/Texas</b><br>5 m - 25 mm <sup>2</sup> 025714        |
| 15 A  |  | <b>Cables REMA 160A/Anderson</b><br>5 m - 16 mm <sup>2</sup> 069091     |
| 50 A  |  | <b>Cables Anderson 175A/Anderson</b><br>5 m - 16 mm <sup>2</sup> 069107 |



# BOOSTERS LITHIUM INSIDE

SPECIAL HOBBY • Non professional use •  
Utilisation non professionnelle • Nicht für gewerblichen  
Gebrauch.



4700 Pa



- ▶ START ENGINE
- + POWER BANK
- ▶ LIGHT



**NOMAD POWER VAC 350**  
**400 A**  
0,26 m - 5,26 mm<sup>2</sup> → AWG10  
028937



ACCESSORIES included for NOMAD POWER VAC 350



**NOMAD POWER 300**  
**350 A**  
0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025875



ACCESSORIES included for NOMAD POWER 300



**NOMAD POWER 500**  
**550 A**  
0,4 m - 8,3 mm<sup>2</sup> → AWG8  
027145  
☒: 069633



ACCESSORIES included for NOMAD POWER 500



**NOMAD POWER 400**  
**500 A**  
0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025882



ACCESSORIES included for NOMAD POWER 400



**NOMAD POWER PRO 700**  
**600 A**  
0,26 m - 8,3 mm<sup>2</sup> → AWG8  
027510  
☒: 028838



ACCESSORIES included for NOMAD POWER PRO 700



**NOMAD POWER PRO TRUCK**  
**600 A**  
0,55 m - 13,3 mm<sup>2</sup> → AWG6  
027527  
☒: 028845



ACCESSORIES included for NOMAD POWER 500



**12 V**  
**NOMAD POWER PRO 12 XL**  
**1000 A**  
0,8 m - 21 mm<sup>2</sup> → AWG4  
025912



**24 V**  
**NOMAD POWER PRO 24 XL**  
**1400 A**  
0,8 m - 21 mm<sup>2</sup> → AWG4  
025905



ACCESSORIES included for NOMAD POWER PRO 12 XL NOMAD POWER PRO 24 XL



MADE IN CHINA

58

|                     | LITHIUM           |      | I           |            |             | J (3s) | START PETROL & DIESEL        | CABLE   | MULTI SECURITIES | INPUT | MICRO USB         | OUTPUT          | POWER BANK                                |    |    | cm | kg                |       |
|---------------------|-------------------|------|-------------|------------|-------------|--------|------------------------------|---------|------------------|-------|-------------------|-----------------|---|----|----|----|-------------------|-------|
|                     | CAPACITY/CELL     | TYPE | FULL CHARGE | Start (6V) | Cranking CC |        |                              |         |                  |       |                   |                 | Peak Battery                              | OB | OB |    |                   | OB    |
| <b>NP VAC 350</b>   | 2.5 Ah - 37 Wh    | NMC  | 5 h         | 400 A      | 800 A       | 1000 A | 9000 J                       | 12V     | 5V-2A            | •     | 5V/2 A            | 5V/2 A (Type C) | 5V/2 A                                    | •  | 2  | —  | 27.2 × 0.65       | 0.48  |
| <b>NP 300</b>       | 2.5 Ah - 37 Wh    | NMC  | 5 h         | 350 A      | 700 A       | 900 A  | 8000 J                       | 12V     | 12V 5V-2.1 A     | •     | 5V/2 A            | —               | 5V/9V/12V - 5V/2 A                        | •  | 2  | —  | 14.6 × 7.8 × 3.1  | 0.365 |
| <b>NP 400</b>       | 3 Ah - 45 Wh      | NMC  | 5 h         | 500 A      | 1000 A      | 1200 A | 11000 J                      | 12V     | 12V 5V-2.1 A     | •     | 5V/2 A            | —               | 5V/9V/12V - 5V/2 A - 15V/5A               | •  | 2  | —  | 17.5 × 8.4 × 3.1  | 0.498 |
| <b>NP 500</b>       | 5.25 Ah - 77.7 Wh | NMC  | 6 h         | 550 A      | 1300 A      | 1500 A | 12000 J                      | 12V     | 12V 5V-2A        | •     | 5V/2 A 9V/2 A     | —               | 5V/1A - 5V/2.1 A                          | •  | 2  | —  | 22.5 × 9.1 × 3.4  | 0.610 |
| <b>NP PRO 700</b>   | 6 Ah - 92.5 Wh    | NMC  | 9 h         | 600 A      | 1500 A      | 2000 A | 14000 J                      | 12V     | —                | •     | 9V/2 A 12V/1.5 A  | 5V/2 A (Type C) | 5V/2.4 A - 9V/2 A 12V/10 A - 19V/3.5 A    | •  | 2  | —  | 22.8 × 10 × 3.8   | 0.82  |
| <b>NP PRO TRUCK</b> | 5.3 Ah - 137 Wh   | NMC  | 10 h        | 600 A      | 1500 A      | 2000 A | 12V: 14000 J<br>24V: 35000 J | 12V/24V | —                | •     | 9 V/2 A 12V/1.5 A | 5V/2 A (Type C) | 5V/1 A - 5V/2.1 A - 12V/10 A              | •  | 2  | •  | 24.8 × 24.8 × 9.6 | 2.4   |
| <b>NP PRO 12XL</b>  | 8 Ah - 118.4 Wh   | NMC  | 5 h         | 1000 A     | 1800 A      | 3000 A | 22000 J                      | 12V     | 12V/15 A 4 A     | —     | 18V/2 A           | —               | 5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A | •  | 2  | •  | 27.4 × 27.8 × 11  | 5.6   |
| <b>NP PRO 24XL</b>  | 8 Ah - 236.8 Wh   | NMC  | 10 h        | 1400 A     | 2400 A      | 3000 A | 60000 J                      | 24V     | 12V/15 A 4 A     | —     | 18V/2 A           | —               | 5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A | •  | 2  | •  | 27.4 × 27.8 × 11  | 5.6   |

| Recommendation      | Icon-based vehicle compatibility |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
|---------------------|----------------------------------|-----|-----|-------|-----|---------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
|                     | Motorcycle                       | Car | Van | Truck | Bus | Tractor | Excavator | Generator | Other | Other | Other | Other | Other | Other | Other | Other |
| <b>NP VAC 350</b>   | 5 • 70 Ah                        |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP 300</b>       | 5 • 70 Ah                        |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP 400</b>       | 5 • 90 Ah                        |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP 500</b>       | 5 • 120 Ah                       |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP 700</b>       | 5 • 140 Ah                       |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP PRO TRUCK</b> | 5 • 140 Ah                       |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP PRO 12XL</b>  | 5 • 180 Ah                       |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |
| <b>NP PRO 24XL</b>  | 5 • 240 Ah                       |     |     |       |     |         |           |           |       |       |       |       |       |       |       |       |

Max capability ( minimum charge needed )



# BOOSTERS SUPER CAPACITOR

BATTERYLESS - SANS BATTERIE  
- OHNE BATTERIE

## NEW TECHNOLOGY - FULL ELECTRONIC CONTROL



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ ALWAYS READY
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ TOUJOURS PRÊT
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ IMMER BEREIT

### EASY TO USE

2 minutes!



-40/+65°C

STARTRONIC 800  
**800 A** 12V GO > 5 V

026735



5x 800 F INSIDE

#### INCLUDED

CIGARETTE LIGHTER for Easy charge  
STARTRONIC 800 & HYBRID 950  
027404



STARTRONIC HYBRID 950  
**SUPERCAPACITORS + LITHIUM**

**950 A** 12V GO > 1 V

026117



Digital control



PROFESSIONAL • IMMEDIATE  
**HYBRID** TECHNOLOGY  
UNIVERSAL STARTER  
SMART SECURITY POWER

5x 950 F + Lithium INSIDE

INCLUDED STARTRONIC HYBRID 950

Lithium battery

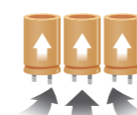


027411

## SUPERCAPACITORS



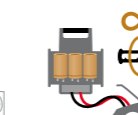
1 MILLION CYCLES



ULTRA FAST CHARGE



NO CHARGE STORAGE



UNLIMITED STARTS

## SMART STARTER



FULL PROTECTION

-40/+65°C

SMART STARTER MANAGEMENT SYSTEM



PRO  
★★★



PRO  
★★★



12V

5x 3000 F INSIDE

GYSCAP 680E

**1600 A** 12V GO > 1 V

026773

1.7 m - 25 mm<sup>2</sup>  
Cables 100% Cu



Homologations / Approvals / Zulassungen:  
PSA17.1716

24V

10x 3000 F INSIDE

GYSCAP 24V

**2500 A** 24V GO > 2 V

028944

2 m - 50 mm<sup>2</sup>  
Cables 100% Cu

INCLUDED CIGARETTE LIGHTER for Easy charge

1.5 m



12V

GYSCAP 680E / GYSCAP 24V

OPTION GYSFLASH 4.12

p.6



F5

p.14



GYSCAP 680E / GYSCAP 24V

MADE IN CHINA

MADE IN FRANCE

|                       | I       |           |          | Number of Capacitors | Integrated Inverter | INPUT CHARGE |        |                |               | Charging time | internal lithium battery | cm     | kg     |                           |      |
|-----------------------|---------|-----------|----------|----------------------|---------------------|--------------|--------|----------------|---------------|---------------|--------------------------|--------|--------|---------------------------|------|
|                       | 1V/C    | START ICC | Peak     |                      |                     | 12V OFF      | 12V ON | 12V / 10 A OFF | 12V / 10 A ON |               |                          |        |        | 5V / 2 A MICRO USB Type B |      |
| STARTRONIC 800        | 800 A   | 1 400 A   | -        | 12V                  | 5 x 800 F           | •            | 4 min  | 60 s           | 4 min         | 4 min         | 5 V / 2 A                | 40 min | -      | 26,7 x 19,5 x 5           | 1,86 |
| STARTRONIC HYBRID 950 | 950 A   | 1 660 A   | -        | 12V                  | 5 x 950 F           | •            | 4 min  | 60 s           | 4 min         | 4 min         | 5 V / 2 A                | 40 min | 30 min | 25 x 18,5 x 6             | 1,86 |
| GYSCAP 680E           | 1 600 A | 2 700 A   | 9 000 A  | 12V                  | 5 x 3000 F          | •            | 15 min | 2 min          | 15 min        | 15 min        | -                        | -      | -      | 35 x 44 x 19              | 8,2  |
| GYSCAP 24V            | 2 500 A | 4 500 A   | 10 000 A | 24V                  | 10 x 3000 F         | •            | 15 min | 2 min          | 30 min        | 30 min        | -                        | -      | -      | 32 x 49 x 21,5            | 12   |

| Recommendation        | Moped | Motorcycle | ATV | UTV | Car | Van | Truck | Bus    |
|-----------------------|-------|------------|-----|-----|-----|-----|-------|--------|
| STARTRONIC 800        |       |            |     |     |     |     |       |        |
| STARTRONIC HYBRID 950 |       |            |     |     |     |     |       |        |
| GYSCAP 680 E          |       |            |     |     |     |     |       |        |
| GYSCAP 24V            |       |            |     |     |     |     |       | 225 Ah |



# BATTERY TESTERS POWER INVERTER PORTABLE ENERGY

|                     |    |
|---------------------|----|
| TRADITIONAL TESTERS | 64 |
| DIGITAL TESTERS     | 64 |
| TESTERS & PRINTER   | 66 |
| POWER INVERTER      | 68 |
| PORTABLE ENERGY     | 70 |



# TESTERS TRADITIONAL

# TESTERS DIGITAL



TBP 100

**6/12 V** 20 > 100 Ah

055131



TBP 500

**12 V** 10 > 160 Ah

055148


**Wireless battery monitor**  
Indicateur de charge sans fil

**12/24 V** 7 > 240 Ah

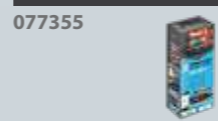
024212



BTW 6V/12V

**6/12 V** 7 > 240 Ah

077355



NEW

BT 001

**12 V** 7 > 230 Ah

056640



NBT 100

**12 V** 20 > 150 Ah

024151



NBT 200

**12 V** 20 > 150 Ah

024168


 x1  
Languages  
Sprachen


DBT 300

**12 V** 4 > 150 Ah

ALTERNATOR 12 V

024175


 x10  
Languages  
Sprachen


DBT 350

**12 V** 7 > 240 Ah

ALTERNATOR 12/24 V

025868


 x12  
Languages  
Sprachen


DBT 500

**6/12 V** 7 > 240 Ah

ALTERNATOR 12/24 V

079823

NEW  
07 2023

## COLOR SCREEN

ALTERNATOR

CAR &amp; MOTORCYCLE TEST



WAVEFORM



REVIEW WAVEFORM HISTORY

PLAYLIST  
BATTERY  
TESTERSMADE  
IN CHINAMADE  
IN TAIWANMADE  
IN CHINA

|                 | BATTERY |             | TEST                          |          |           | PRINT PAPER | DIGITAL                  | RESULT | TEMPERATURE COMPENSATION | kg | cm   | L x W x H cm / kg             |
|-----------------|---------|-------------|-------------------------------|----------|-----------|-------------|--------------------------|--------|--------------------------|----|------|-------------------------------|
|                 | A       | V           | CHARGE & START SYSTEM VEHICLE |          |           |             |                          |        |                          |    |      |                               |
| TBP 100         | 6-12 V  | 20 > 100 Ah | •                             | •        | 12V       | —           | —                        | 5/10s  | 15 min                   | —  | 1.5  | 16x18x30 30.7x17.2x10.3 / 1.5 |
| TBP 500         | 12 V    | 10 > 160 Ah | •                             | •        | 12V       | —           | —                        | 15s    | 15 min                   | —  | 3.75 | 27x26x13 31x28.6x18.2 / 3.8   |
| BTW 6V/12V      | 6-12 V  | 7 > 240 Ah  | —                             | min 4,5V | 12/24V    | —           | —                        | 1s     | instant                  | •  | 0.11 | 11x3x2 7.5x4.5x16.4 / 0.16    |
| BATTERY MONITOR | 12-24 V | 7 > 240 Ah  | —                             | min 7V   | 12/24V    | —           | —                        | 1s     | instant                  | •  | 0.1  | 6.5x5x1.5 5x6.5x31 / 0.12     |
| BT 001          | 12 V    | 7 > 230 Ah  | —                             | •        | 12 V      | —           | LED                      | 1s     | instant                  | —  | 0.29 | 3x12x1.5 24.2x11.8x2.4 / 0.29 |
| NBT 100         | 12 V    | 20 > 150 Ah | •                             | min 7V   | —         | —           | •                        | 1s     | instant                  | —  | 0.25 | 7x1.5x12 5x18x25.8 / 0.3      |
| NBT 200         | 12 V    | 20 > 150 Ah | •                             | min 7V   | 12 V      | —           | •                        | 1s     | instant                  | —  | 0.25 | 7x1.5x12 5x18x25.8 / 0.3      |
| DBT 300         | 12 V    | 4 > 150 Ah  | •                             | min 4,5V | 12 V      | —           | back-lit / rétro-éclairé | 1s     | instant                  | —  | 0.25 | 12x7.9x22.7 5x18x25.8 / 0.3   |
| DBT 350         | 12 V    | 7 > 240 Ah  | •                             | min 8V   | 12 / 24 V | —           | back-lit / rétro-éclairé | 1s     | instant                  | •  | 0.8  | 9.6x3x13.8 6.5x10.5x21 / 0.35 |
| DBT 500         | 12-24 V | 7 > 240 Ah  | •                             | min 5V   | 6 / 12 V  | —           | color screen 2.4"        | 1s     | instant                  | •  | 0.3  | 8x2x14 —                      |

| i<br>Recommendation | TEST                         |  |     | LIQUID | START /STOP ENGINE | EFB | AGM VRLA/GEL | Truck | Truck | CURRENT CCA SAE |              |
|---------------------|------------------------------|--|-----|--------|--------------------|-----|--------------|-------|-------|-----------------|--------------|
|                     | Battery/Batteries/Ladegeräte | Alternator Circuit/Lichtmaschine/schaltkreis | 12V |        |                    |     |              |       |       |                 |              |
| TBP 100             | 6V 12V                       | •  | •   | •      | •                  | •   | •            | •     | •     | 20 > 100 Ah     | —            |
| TBP 500             | 12V                          | •  | •   | •      | •                  | •   | •            | •     | •     | 10 > 160 Ah     | 0 > 1000 A   |
| BTW 6V/12V          | 6V 12V                       | •  | •   | •      | •                  | •   | •            | •     | •     | 7 > 240 Ah      | 10 > 2000 A  |
| BATTERY MONITOR     | 12V 24V                      | •  | •   | •      | •                  | •   | •            | •     | •     | 7 > 240 Ah      | —            |
| BT 001              | 12V                          | •  | •   | •      | •                  | •   | •            | •     | •     | 7 > 230 Ah      | —            |
| NBT 100             | 12V                          | •  | •   | •      | •                  | •   | •            | •     | •     | 20 > 150 Ah     | 200 > 1200 A |
| NBT 200             | 12V                          | •  | •   | •      | •                  | •   | •            | •     | •     | 20 > 150 Ah     | 200 > 1200 A |
| DBT 300             | 12V                          | •  | •   | •      | •                  | •   | •            | •     | •     | 4 > 150 Ah      | 40 > 1200 A  |
| DBT 350             | 12V                          | •  | •   | •      | •                  | •   | •            | •     | •     | 7 > 240 Ah      | 40 > 2000 A  |
| DBT 500             | 6V 12V                       | •  | •   | •      | •                  | •   | •            | •     | •     | 7 > 240 Ah      | 100 > 2000 A |

Languages - Sprachen

|            | GB | FR | DE | IT | ES | PT | CZ | NL | PL | RU | TR | CN | JP | KR | IR |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| DBT 300    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DBT 350    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DBT 500    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PBT 550    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PBT 600    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PBT 700    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| BT 2010    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PBT 812    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PBT 824    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| BTW 6V/12V |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |





PBT

TESTERS

# TESTERS & PRINTER



Battery-management software - Gestion logicielle de la batterie - Software batterie management



**COMPATIBILITY**  
USB Barcode scanner 1D/2D  
for BT2010, PBT 812, PBT 824  
027718

p.28



67

x6  
Languages  
Sprachen



x5  
Languages  
Sprachen



x10  
Languages  
Sprachen



x9  
Languages  
Sprachen



1.8 m

x10  
Languages  
Sprachen



**NEW**  
06 2023

x10  
Languages  
Sprachen



1.8 m

Approvals  
Homologations  
Zulassungen

0.65 m

1.2 m

## PRINTER • 12 V

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included)  
056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



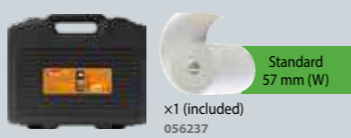
x2 (included)  
056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



Standard  
57 mm (W)

x1 (included)  
056237

## PRINTER • 6/12 V

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

055339



PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

076686



PBT 824

6/12/24(2x12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



| 056220 | x2 | 37 mm | 7.5 m | 25 mm | BT 301 / BT 501 / BT 551  |  |
|--------|----|-------|-------|-------|---|--|
| 056237 | x1 | 57 mm | 28 m  | 50 mm | RT 777 / PBT 700 / PBT 812 / PBT 824 / BT 2010                  |  |
| 056633 | x2 | 57 mm | 7.5 m | 25 mm | PBT 550 / PBT 600 / PBT 700 / PBT 812 / PBT 824 / BT 2010 / SPM |  |

MADE IN CHINA

MADE IN TAIWAN

|             | BATTERY         | TEST        |            |                               | PRINT PAPER | DIGITAL                           | RESULT     | TEMPERATURE COMPENSATION | kg   | cm                | L x W x H cm / kg      |
|-------------|-----------------|-------------|------------|-------------------------------|-------------|-----------------------------------|------------|--------------------------|------|-------------------|------------------------|
|             |                 | A           | V          | CHARGE & START SYSTEM VEHICLE |             |                                   |            |                          |      |                   |                        |
| PBT 550     | 12V             | 30 > 220 Ah | • min 6V   | 12V                           | •           | back-lit/rétro-éclairé            | 1s instant | •                        | 0.55 | 55 x 25           | 29 x 23 x 9 / 0.9      |
| PBT 600     | 12V             | 30 > 220 Ah | • min 8V   | 12/24V                        | •           | back-lit/rétro-éclairé            | 1s instant | •                        | 1.1  | 55 x 25           | 29 x 23 x 9.5 / 1.3    |
| PBT 700     | 12V             | 7 > 240 Ah  | • min 8V   | 12/24V                        | •           | back-lit/rétro-éclairé            | 1s instant | •                        | 0.7  | 23.5 x 10.2 x 6.8 | 40.5 x 28 x 9 / 1.9    |
| BT 2010 DHC | 6-12V           | 7 > 240 Ah  | • min 1.5V | 12/24V                        | •           | back-lit/rétro-éclairé            | 1s instant | •                        | 0.7  | 13 x 6.4 x 25.1   | 47.6 x 34.4 x 11.8 / 3 |
| PBT 812     | 6-12V           | 7 > 240 Ah  | • min 1.5V | 12/24V                        | •           | color TFT display 2.8"            | 1s instant | •                        | 0.7  | 28 x 14 x 7.5     | —                      |
| PBT 824     | 6-12-24 (2x12)V | 7 > 240 Ah  | • min 1.5V | 12/24V                        | •           | back-lit 4 colors / rétro-éclairé | 1s instant | •                        | 0.7  | 25 x 4.5 x 13     | 40 x 28 x 9 / 2.3      |

| i Recommendation | TEST                         |  | PRINT PAPER | BATTERY |                    |     |              |   | CURRENT CCA SAE |              |
|------------------|------------------------------|--|-------------|---------|--------------------|-----|--------------|---|-----------------|--------------|
|                  | Battery/Batteries/Ladegeräte | Alternator Circuit/Circuit alternateur/Lichtmaschinealtkreis |             | LIQUID  | START /STOP ENGINE | EFB | AGM VRLA/GEL |   |                 |              |
| PBT 550          | 12V                          | 12V  | 12V         | •       | •                  | •   | •            | • | 30 > 220 Ah     | 100 > 2000 A |
| PBT 600          | 12V                          | 12V  | 12V         | •       | •                  | •   | •            | • | 30 > 220 Ah     | 100 > 2000 A |
| PBT 700          | 12V                          | 12V  | 12V         | •       | •                  | •   | •            | • | 7 > 240 Ah      | 40 > 2000 A  |
| BT 2010 DHC      | 6V 12V                       | 12V  | 12V         | •       | •                  | •   | •            | • | 7 > 240 Ah      | 40 > 3000 A  |
| PBT 812          | 6V 12V                       | 12V  | 12V         | •       | •                  | •   | •            | • | 7 > 240 Ah      | 25 > 3000 A  |
| PBT 824          | 6V 12V 24V (2x12)            | 12V  | 12V         | •       | •                  | •   | •            | • | 7 > 240 Ah      | 40 > 2000 A  |

TESTERS & PRINTER

66

# POWER INVERTER

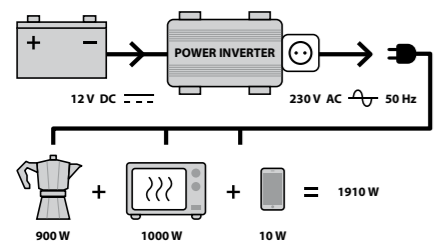
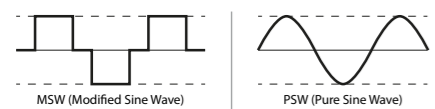
12/24 V DC > 230 V AC



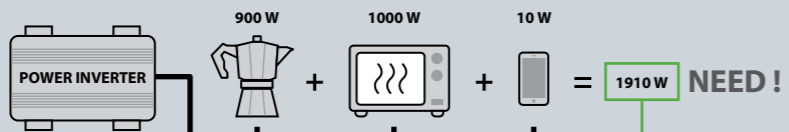
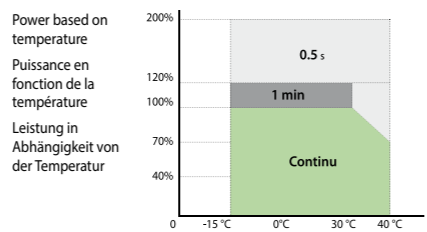
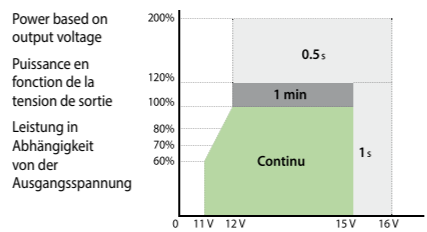
## PSW REMOTE CONTROL



## MSW / PSW TECHNOLOGY



- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



## SELECT THE RIGHT POWER INVERTER

• CHOISISSEZ VOTRE CONVERTISSEUR

• WÄHLEN SIE IHREN WECHSELRICHTER

|               |               |                |                 |                 |                 |                 |           |       |        |
|---------------|---------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------|-------|--------|
| CONVERGYS 150 | CONVERGYS 300 | PSW 601W RC-12 | PSW 1002W RC-12 | PSW 1502W RC-12 | PSW 2002W RC-12 | PSW 2002W RC-24 | MSW 82000 | 70 Ah | 200 Ah |
|---------------|---------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------|-------|--------|

|  | 12 V | 24 V          |             |                |
|--|------|---------------|-------------|----------------|
| <b>HOME APPLIANCE - ÉLECTROMÉNAGER</b>                               |      |               |             |                |
| Microwave - Micro-Ondes - Mikrowelle                                 |      | 700 - 1000 W  | 30 - 50 min | 1 h 30 - 2 h   |
| Toaster - Grille Pain  |      | 800 - 1500 W  | 20 - 40 min | 1 h - 2 h      |
| Fridge - Réfrigérateur - Kühlschrank (40 L)                          |      | 45 W          | 12 h        | 35 h           |
| Kettle - Bouilloire - Wasserkocher                                   |      | 700 - 2500 W  | 15 - 45 min | 35 min - 2 h   |
| Espresso coffee maker - Cafetière espresso - Espresso-Maschine       |      | 1000 - 1600 W | 20 - 30 min | 1 h - 1 h 30   |
| Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine         |      | 800 - 1200 W  | 25 - 40 min | 1 h 30 - 2 h   |
| <b>ELECTRONIC - ÉLECTRONIQUE</b>                                     |      |               |             |                |
| Mobile phone - Téléphone - Telefon                                   |      | 5 - 10 W      | 55 - 110 h  | 155 - 310 h    |
| Laptop - Ordinateur portable   |      | 60 - 95 W     | 5 - 9 h     | 16 - 28 h      |
| Radio  |      | 10 - 40 W     | 14 - 55 h   | 40 - 155 h     |
| TV 15"   |      | 40 W          | 13 h 30     | 39 h           |
| TV 21"   |      | 50 W          | 11 h        | 31 h           |
| Video game console - Console de jeux vidéo - Konsole für Videospiele |      | 39 - 100 W    | 5 - 13 h    | 16 - 39 h      |
| Camera - Appareil photo - Fotoapparat                                |      | 4 - 19 W      | 25 - 135 h  | 78 - 390 h     |
| <b>-COMFORT - CONFORT</b>  |      |               |             |                |
| Light - Eclairage - Beleuchtung                                      |      | 100 W         | 5 h 30      | 16 h           |
| Electrical heater - Chauffage électrique - Elektrische Heizung       |      | 1800 - 2500 W | 12 - 20 min | 35 - 45 min    |
| Fan - Ventilateur - Lüfter   |      | 50 W          | 11 h        | 31 h           |
| Hairdryer - Sèche cheveux - Fön                                      |      | 1000 - 2000 W | 15 - 30 min | 45 min - 1h 30 |
| <b>SAILING - NAUTISME</b>  |      |               |             |                |
| Navigation lights - Feux de navigation - Navigationslichter          |      | 24 W          | 30 h        | 80 h           |
| Radar  |      | 24 W          | 30 h        | 80 h           |
| Autopilot mode - Pilote automatique                                  |      | 60 W          | 9 h         | 30 h           |
| GPS/Sat nav. - GPS   |      | 6 W           | 110 h       | 310 h          |

\* Usage duration (h) =  $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

| MADE IN CHINA   | Power  | Peak power | Pure Sin Wave | Optimum Efficiency | Input DC | Output AC | Output USB (2.1) DC | max 150W | Universal | Remote             | Weight  | Height | L x W x H cm / kg      |         |                 |                          |
|-----------------|--------|------------|---------------|--------------------|----------|-----------|---------------------|----------|-----------|--------------------|---------|--------|------------------------|---------|-----------------|--------------------------|
| CONVERGYS 150   | 150 W  | 300 W      | —             | 90,5 %             | 12V      | 230V      | 5V - 2 A            | •        | —         | —                  | 0,5 kg  | N/A    | 8 x 16,5 x 24,7 / 0,45 |         |                 |                          |
| CONVERGYS 300   | 300 W  | 600 W      | —             | 85 %               | 12V      | 230V      | 5V - 2 A            | •        | •         | —                  | 0,95 kg | N/A    | 21,3 x 20 x 6,8 / 0,95 |         |                 |                          |
| PSW 601W RC-12  | 600 W  | 1200 W     | •             | 90 %               | 12V      | 230V      | 5V - 2 A            | —        | cables    | 6 mm <sup>2</sup>  | •       | •      | 5 m                    | 2,2 kg  | 26,5 x 17 x 7,5 | 31 x 22 x 12 / 2,3       |
| PSW 1002W RC-12 | 1000 W | 2000 W     | •             | 90 %               | 12V      | 230V      | 5V - 2 A            | —        | cables    | 10 mm <sup>2</sup> | •       | •      | 5 m                    | 4,7 kg  | 37,5 x 21 x 10  | 44 x 27 x 16 / 4,5       |
| PSW 1502W RC-12 | 1500 W | 3000 W     | •             | 90 %               | 12V      | 230V      | 5V - 2 A            | —        | cables    | 16 mm <sup>2</sup> | •       | •      | 5 m                    | 5 kg    | 37,5 x 21 x 10  | 44 x 27 x 16 / 4,6       |
| PSW 2002W RC-12 | 2000 W | 4000 W     | •             | 90 %               | 12V      | 230V      | 5V - 2 A            | —        | cables    | 22 mm <sup>2</sup> | •       | •      | 5 m                    | 6,25 kg | 38,5 x 25 x 10  | 43 x 32 x 16,5 / 5,7     |
| MSW 82000       | 2000 W | 4000 W     | —             | 80 %               | 24V      | 230V      | 5V - 2 A            | —        | cables    | 12 mm <sup>2</sup> | •       | •      | —                      | 5,8 kg  | 35 x 20 x 28    | 45,3 x 26,8 x 16,1 / 4,9 |
| PSW 2002W RC-24 | 2000 W | 4000 W     | •             | 90 %               | 24V      | 230V      | 5V - 2 A            | —        | cables    | 12 mm <sup>2</sup> | •       | •      | 5 m                    | 6,25 kg | 38,5 x 25 x 10  | 43 x 32 x 16,5 / 5,7     |

12 V  $\xrightarrow{\text{CONVERGYS}}$  **CONVERGYS**



12 V  $\xrightarrow{\text{PSW}}$  **PURE SINE WAVE**



24 V  $\xrightarrow{\text{MSW}}$  **MODIFIED SINE WAVE**



24 V  $\xrightarrow{\text{PSW}}$  **PURE SINE WAVE**



INCLUDED FOR ALL



# PORTABLE ENERGY

12 V > 230 V

| USING TIME      | 50 W | 100 W | 250 W  | 500 W  | 1000 W | 2200 W |
|-----------------|------|-------|--------|--------|--------|--------|
| POWER PACK 520  | 8 h  | 4 h   | 1 h 40 | 50 min | —      | —      |
| POWER PACK 1300 | 20 h | 10 h  | 4 h    | 2 h    | 1 h    | —      |
| POWER PACK 1500 | 22 h | 11 h  | 4 h 30 | 2 h 15 | 1 h 05 | 30 min |

## FULL PROTECTION

Short-circuit protection,  
Over-current protection,  
Over-voltage protection,  
Under-voltage protection  
Over-load protection,  
Temperature protection

## CHARGE

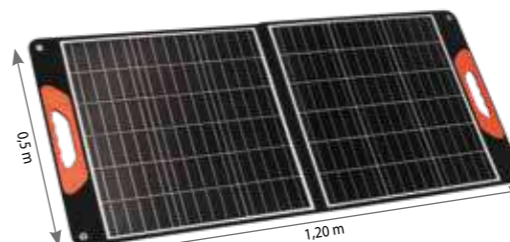
### Solar panel

monocrystalline - ETFE quality  
18V - 100 W max

OUTPUT  
USB 1 : 5V/3A  
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A  
Type C : 5V/3A ; 9V/2A ; 12V/1.5A  
Jack : 18V/5.6A max

compatible with  
Power pack 520, 1300, 1500, Energys DC/DC

079410



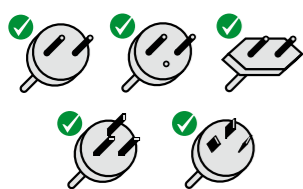
INCLUDED

**NEW**  
08 2023

## 4in1

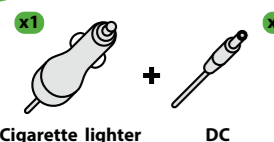
1 230 V - 50 Hz / 500 W

### UNIVERSAL OUTPUT



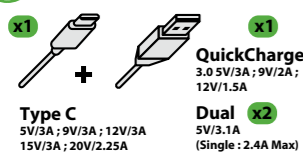
Type C / E / F / G / I

2 12 V / 12 A



Cigarette lighter DC

3 USB



Type C  
5V/3A ; 9V/3A ; 12V/3A  
15V/3A ; 20V/2.25A

Dual x2  
5V/3.1A  
(Single : 2.4A Max)

4 LIGHT

### 3 MODES

- Light
- S.O.S
- Spot



MPPT integrated

Solar panel compatibility

POWER PACK 520

518 Wh 20 Ah

027961



POWER PACK 520 charging cables



MPPT integrated

Solar panel compatibility

## 5in1

POWER PACK 1300

1280 Wh 50 Ah

071988

POWER PACK 1500

1408 Wh 55 Ah **NEW**

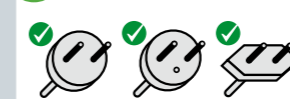
04 2023

078697

ACCESSORIES included for  
POWER PACK 1300 / POWER PACK 1500



1 230 V / 50 Hz



Type C / E / F (euro plug)

3 12 V / 12 A



Cigarette lighter DC

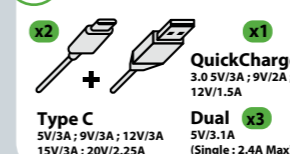
5 LIGHT



### 5 MODES

- Light
- (Low - Medium - High)
- S.O.S.
- Spot

2 USB



Type C  
5V/3A ; 9V/3A ; 12V/3A  
15V/3A ; 20V/2.25A

Dual x3  
3.0 5V/3A ; 9V/2A ;  
12V/1.5A

(Single : 2.4A Max)

4 BOOSTER



12 V PETROL & DIESEL

|                 | LITHIUM       |   | I    |       |        | POWER SUPPLY | LIGHT   | kg   | mm                 | L x W x H cm / kg      |
|-----------------|---------------|---|------|-------|--------|--------------|---------|------|--------------------|------------------------|
|                 | CAPACITY/CELL | FULL CHARGE                               | TYPE | Start | Peak   |              |         |      |                    |                        |
| POWER PACK 520  | 518 Wh        | 8 h - 10 h depending on the charging mode | LiPo | —     | —      | 500 W        | 1 x LED | 5.14 | 26.4 x 23.4 x 16.3 | 33.5 x 23 x 34.5 / 6.2 |
| POWER PACK 1300 | 1280 Wh       | 7 h - 12 h depending on the charging mode | LFP  | 500 A | 1000 A | 1000 W       | 1 x LED | 17.5 | 36 x 27 x 28       | 45 x 39 x 39 / 20.6    |
| POWER PACK 1500 | 1408 Wh       | 8 h - 12 h depending on the charging mode | LFP  | 500 A | 1000 A | 2200 W       | 1 x LED | 19.5 | 36 x 27 x 28       | —                      |



| RECOMMENDATION  | Game | Phone | Radio | Laptop | TV | Tablet | Camera | Drill | Saw | Hammer | Screwdriver | Wrench | Pliers | Scissors | Knife | Shovel | Spade | Pickaxe | Shovel | Spade | Pickaxe |   |
|-----------------|------|-------|-------|--------|----|--------|--------|-------|-----|--------|-------------|--------|--------|----------|-------|--------|-------|---------|--------|-------|---------|---|
| POWER PACK 520  | .    | .     | .     | .      | .  | .      | .      | .     | .   | .      | .           | .      | .      | .        | .     | .      | .     | .       | .      | .     | .       | . |
| POWER PACK 1300 | .    | .     | .     | .      | .  | .      | .      | .     | .   | .      | .           | .      | .      | .        | .     | .      | .     | .       | .      | .     | .       | . |
| POWER PACK 1500 | .    | .     | .     | .      | .  | .      | .      | .     | .   | .      | .           | .      | .      | .        | .     | .      | .     | .       | .      | .     | .       | . |



# JUMPER CABLES EV CABLES ACCESSORIES

|               |    |
|---------------|----|
| JUMPER CABLES | 74 |
| EV CHARGING   | 75 |
| ACCESSORIES   | 76 |

# JUMPER CABLES

320 A > 1000 A

| 056206 |  |  |  |  |  |
|--------|--|--|--|--|--|
| 564015 |  |  |  |  |  |
| 056404 |  |  |  |  |  |
| 056602 |  |  |  |  |  |
| 056190 |  |  |  |  |  |
| 056312 |  |  |  |  |  |
| 056329 |  |  |  |  |  |
| 056336 |  |  |  |  |  |
| 027695 |  |  |  |  |  |
| 056343 |  |  |  |  |  |
| 056558 |  |  |  |  |  |
| 056541 |  |  |  |  |  |
| 056619 |  |  |  |  |  |

## BOOSTER CABLES - Câbles de démarrage - Starterkabel - Cables de arranque - Cavi di avviamento

**TEST VOLT**  
**LED**

**DIN 72553**

| 027695 | 350 A | ESSENCE BENZINE PETROL | DIESEL | ↔    | ⊗                  | TYPE   |
|--------|-------|------------------------|--------|------|--------------------|--------|
|        |       | 5,5l                   | 3l     | 3,5m | 25 mm <sup>2</sup> | ≈ ∅ Cu |

| TYPE    | ∅ | %I |
|---------|---|----|
| CCA     | ⊗ |    |
| ≈ Cu    | ⊗ |    |
| 100% Cu | ⊗ |    |

## PRO BRASS CLAMPS

### BRASS CLAMPS, NOT INSULATED - Pincas laiton, non isolées - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati

**MADE IN CHINA**

|        |        |      | ↔        | ⊗ x 8              | ⊗         | TYPE |
|--------|--------|------|----------|--------------------|-----------|------|
| 056206 | 320 A  | 3m   | —        | 16 mm <sup>2</sup> | (CCA)     |      |
| 564015 | 500 A  | 3m   | —        | 25 mm <sup>2</sup> | (CCA)     |      |
| 056404 | 700 A  | 4,5m | —        | 35 mm <sup>2</sup> | (CCA)     |      |
| 056602 | 1000 A | 5,1m | —        | 50 mm <sup>2</sup> | (100% Cu) |      |
| 056190 | 1000 A | 4,5m | INCLUDED | 50 mm <sup>2</sup> | (100% Cu) |      |

**MADE IN FRANCE**

## PRO INSULATED CLAMPS

### INSULATED CLAMPS - Pincas isolées - Isolierte klemmen - Pinzas aisladas - Morsetti isolate

**MADE IN CHINA**

|        |        | ESSENCE BENZINE PETROL | DIESEL | ↔    | ⊗ x 8    | ⊗                  | TYPE      | DIN 72553 |
|--------|--------|------------------------|--------|------|----------|--------------------|-----------|-----------|
| 056312 | 200 A  | 1,5l                   |        | 3m   | —        | 10 mm <sup>2</sup> | ≈ ∅ Cu    | —         |
| 056329 | 320 A  | 2,5l                   |        | 3m   | —        | 16 mm <sup>2</sup> | ≈ ∅ Cu    | •         |
| 056336 | 500 A  | 5,5l                   | 3l     | 3,5m | —        | 25 mm <sup>2</sup> | ≈ ∅ Cu    | •         |
| 056343 | 700 A  | 7l                     | 4l     | 4,5m | —        | 35 mm <sup>2</sup> | ≈ ∅ Cu    | •         |
| 056558 | 1000 A | 7l                     | 4l     | 4,5m | INCLUDED | 50 mm <sup>2</sup> | (100% Cu) | —         |

**MADE IN FRANCE**

## SUPER PRO INSULATED CLAMPS

**INCLUDED**

**ANTI-ARC PROTECTION x2**

**MADE IN FRANCE**

|        |        | ↔    | ⊗                  | TYPE    |  | ↔ | ⊗ | TYPE |
|--------|--------|------|--------------------|---------|--|---|---|------|
| 056541 | 700 A  | 4,5m | 35 mm <sup>2</sup> | 100% Cu |  |   |   |      |
| 056619 | 1000 A | 5m   | 50 mm <sup>2</sup> | 100% Cu |  |   |   |      |

# EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge  
• Carga de EV • Ricarica per veicoli elettrici

10 A > 32 A

| Power | 10 A   | 13 A   | 16 A   | 20 A   | 32 A   |
|-------|--------|--------|--------|--------|--------|
| 230V  | 2.3 kW | 2.9 kW | 3.7 kW | 4.6 kW | 7.4 kW |
| 400V  | 6.9 kW | 8.9 kW | 11 kW  | 14 kW  | 22 kW  |

### INCLUDED

16 A / 1ph

32 A / 3 ph

+ more output options...

10 A / 13 A / 16 A / 20 A / 32 A available on request

IP 55

↓ 23 x 16 x 9 cm  
↑ 46 x 20.5 x 38 cm / ▲ 6 kg

**NEW**

**SUPER PRO SMART EV CHARGE**

10 → 32A 1ph / 3ph

075320

TIMER FUNCTION  
Delay start 1h → 24h

**EV CHARGING - PORTABLE**

10/16 A 1 ph

028975

**EV CHARGING - STANDARD CABLES**

32 A 1 ph **NEW** 07 2023

079687

**EV CHARGING - SPIRAL CABLE**

32 A 1 ph

028982

|                             | IP | U <sub>1</sub>   | I <sub>1</sub>       | P              |   |   | ↔   | ⊗      |
|-----------------------------|----|------------------|----------------------|----------------|---|---|-----|--------|
| SUPER PRO SMART EV CHARGE   | 55 | 1 ph<br>3 ph + N | 10/13/16/<br>20/32 A | 2,3 →<br>22kW  | • | — |     | Type 2 |
| EV CHARGING PORTABLE        | 66 | 1 ph             | 10 / 16 A            | 2,3 /<br>3,7kW | • | — |     | Type 2 |
| EV CHARGING SPIRAL CABLE    | 66 | 1 ph             | 32 A                 | 7,4 kW         | — | • | 5 m | Type 2 |
| EV CHARGING STANDARD CABLES | 55 | 1 ph             | 32 A                 | 7,4 kW         | — | • |     | Type 2 |
|                             | 55 | 3 ph             | 32 A                 | 22 kW          | — | • |     | Type 2 |

**OPTION**

↓ 21 x 43 x 57 cm  
060432

**IP67**

# ACCESSORIES

| CABLES EN 60245-6/H01N2-D<br>(Rubber - Caoutchouc) | ↔ L   | A (60%) | A (35%) |       |
|--|-------|---------|---------|-------|
|  |       |         |         | ↔ x m |
| 16 mm <sup>2</sup>                                 | 100 m | 046252  | 121     | 131   |
|  | 5 m   | 045408  |         |       |
| 25 mm <sup>2</sup>                                 | 100 m | 046603  | 165     | 185   |
|  | 5 m   | 046306  |         |       |
| 35 mm <sup>2</sup>                                 | 100 m | 046702  | 211     | 243   |
|  | 5 m   | 046405  |         |       |
| 50 mm <sup>2</sup>                                 | 100 m | 046801  | 275     | 323   |
|  | 5 m   | 046757  |         |       |
| 70 mm <sup>2</sup>                                 | 100 m | 046832  | 351     | 419   |
|  | 5 m   | 046832  |         |       |
| 95 mm <sup>2</sup>                                 | 100 m | 046863  | 433     | 527   |
|  | 5 m   | 046863  |         |       |

| HIGH FLEXIBILITY<br>ELECTRICAL CABLES | ↔ L   | A (60%) | A (35%) |       |     |
|---------------------------------------|-------|---------|---------|-------|-----|
|                                       |       |         |         | ↔ x m |     |
| 10 mm <sup>2</sup>                    | 100 m | 054882  | 054875  | 88    | 92  |
|                                       | 20 m  | 056107  | 056091  |       |     |
| 16 mm <sup>2</sup>                    | 100 m | 054905  | 054899  | 120   | 130 |
|                                       | 20 m  | 056121  | 056114  |       |     |
| 25 mm <sup>2</sup>                    | 100 m | 054929  | 054912  | 164   | 184 |
|                                       | 20 m  | 056145  | 056138  |       |     |
| 35 mm <sup>2</sup>                    | 100 m | 054943  | 054936  | 210   | 240 |
|                                       | 20 m  | 054967  | 054950  | 273   | 320 |
| 50 mm <sup>2</sup>                    | 100 m | 054967  | 054950  | 310   | 380 |
|                                       | 20 m  | 056565  | 056558  |       |     |

## CLAMPS - Pinces • Klemmen • Pinzas • Garras • Ακροδέκτες • Зажимы • 充电夹

|        | 40 A                | 60 A               | 60 A               | 200 A              | 300 A              | 600 A              | 650 A              | 700 A              | 850 A              | 1000 A             | 300 A              | 600 A              |
|--------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| I 100% | 30 A                | 60 A               | 60 A               | 100 A              | 200 A              | 120 A              | 120 A              | 120 A              | 170 A              | 200 A              | -                  | -                  |
| I peak | 75 A                | 150 A              | 150 A              | 200 A              | 300 A              | 600 A              | 650 A              | 700 A              | 850 A              | 1000 A             | -                  | -                  |
| max    | ↔ 30 mm             | ↔ 25 mm            | ↔ 25 mm            | ↔ 38 mm            | ↔ 45 mm            | ↔ 40 mm            | ↔ 35 mm            | ↔ 28 mm            | ↔ 44 mm            | ↔ 55 mm            | ↔ 38 mm            | ↔ 38 mm            |
| max    | 2.5 mm <sup>2</sup> | 10 mm <sup>2</sup> | 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 25 mm <sup>2</sup> | 35 mm <sup>2</sup> | 25 mm <sup>2</sup> | 25 mm <sup>2</sup> | 35 mm <sup>2</sup> | 70 mm <sup>2</sup> | 50 mm <sup>2</sup> | 95 mm <sup>2</sup> |

## BATTERY TERMINAL - Cosses batterie - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子

| ⊙ 10 mm / 35 mm <sup>2</sup> | ⊙ 13 mm / 50 mm <sup>2</sup> | ⊙ 16 mm / 70 mm <sup>2</sup> |
|------------------------------|------------------------------|------------------------------|
| x1                           | x25                          | x25                          |
| 054400                       | 054431                       | 054432                       |
|                              | 054448                       | 054439                       |
|                              | 054424                       | 054387                       |

## CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschoen

| 16 mm <sup>2</sup> | 25 mm <sup>2</sup> | 35 mm <sup>2</sup> | 50 mm <sup>2</sup> | 75 mm <sup>2</sup> | 125 mm <sup>2</sup> | 25 mm <sup>2</sup> | 35 mm <sup>2</sup> | 50 mm <sup>2</sup> | 70 mm <sup>2</sup> | 95 mm <sup>2</sup> |
|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| M10 x10            | M10 x10            | M14 x10            | M14 x10            | M16 x10            | M15 x5              | M5 x100            | M6 x100            | M10 x100           | M10 x100           | M10 x50            |
| 038219             | 038226             | 038233             | 038240             | 038257             | 038264              | 047525             | 047532             | 047549             | 047556             | 047570             |

## CLEANING BRUSH POLES / TERMINALES

| 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 70 mm <sup>2</sup> | 95 mm <sup>2</sup> |
|--------------------|--------------------|--------------------|--------------------|
| M16 x100           | M15 x100           | M10 x100           | M10 x50            |
| 047501             | 047518             | 047556             | 047570             |

## DINZE CONNECTORS - Connecteurs Texas - Stecker - Conectores - Schakelaars - Conectores

|           | I A max | mm <sup>2</sup> | mm | mm | Compatibility      | Ref.       |
|-----------|---------|-----------------|----|----|--------------------|------------|
| CFM 25.14 | 200     | 10/25           | 14 | 9  | CM 25.14, CF 25.14 | x1 045507  |
| CFM 50.21 | 300     | 35/50           | 21 | 13 | CM 50.21, CF 50.21 | x1 045606  |
| CFM 70.21 | 400     | 50/70           | 21 | 13 | CM 70.21           | x1 047488  |
| CM 25.14  | 200     | 10/25           | 14 | 9  | CF 25.14           | x20 045668 |
| CM 50.21  | 300     | 35/50           | 21 | 13 | CF 50.21           | x10 045613 |
| CM 70.21  | 400     | 50/70           | 21 | 13 | CF 70.21           | x5 045750  |
| CM 95.24  | 500     | 70/95           | 24 | 13 | CF 95.24           | x5 047495  |
| CF 25.14  | 200     | 10/25           | 14 | 9  | CM 25.14           | x30 045651 |
| CF 50.21  | 300     | 35/50           | 21 | 13 | CM 50.21           | x10 045620 |
| CF 70.24  | 400     | 50/70           | 24 | 13 | CM 70.21           | x5 045736  |
| CF 95.24  | 500     | 70/95           | 24 | 13 | CM 95.24           | x5 072374  |

## QUICK CONNECTORS

| ⊙ 10 mm / 50 mm <sup>2</sup> | I max = 1000 A |
|------------------------------|----------------|
| 054455                       |                |

## FUSES - Fusibles - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλειες - Плавкие предохранители - 保险丝

|        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 05     | 10A    | 15A    | 20A    | 25A    | 30A    | 40A    | 100A   | 100A   | 150A   | 200A   | M5     | M6     |
| 054578 | 054530 | 054493 | 054509 | 054516 | 054523 | 054554 | 054486 | 054394 | 027930 | 054561 | 054646 | 071599 |

## ANTI-ARC PROTECTION - Protection Anti-Arc - Lichtbogenschutz - Protección anti-faísca - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护



## ADJUSTABLE BATTERIE CARRIER - Porte-batterie ajustable - Einstellbarer Batteriehalter - Porta-baterias ajustable - Переноска для аккумулятора



## ACIDIMETER (PH METER) - Pèse acide antigel - Säure/Frostschutzmittel-Tester - Acido densímetro anticongelante - Zuurweger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (pH-метр) - 防冻酸度计



## SOLAR POWERED CHARGER WITH ACCESSORIES



## MULTI CHARGE STATION FOR BATTERIES - Station multicharge pour batteries - Multi-Ladestation für Starterbatterien



## MEMORY AUTO SAVE - Sauvegarde mémoire OBD - Sicherung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆存储器



**GYSPACK OBD**  
054998  
055001

7Ah INSIDE

Automatic TIMER STOP



OBDD

12V - 7 Ah

MEMORY SAVER

< 4 A

25 x 18 x 25 cm

3 kg

MADE IN P.R.C.

**CABLE OBD - Câble OBD - Kabel für OBD**

054202 Fuse 7,5A 1,5 m



**HAND LAMPS - Lampes baladeuses - Handleuchte**

**Lampe BALADEUSE TRIPODE 250 L**  
100-250 lumens (x3)

3 x 1 W COB LED  
3 x 3.6 V - 300 mAh  
AAA rechargeable, Ni-MH  
USB charging (6h)  
**operating time**  
High position: 1 h  
Low position: 3 h  
Flashing: 5 h

↓ 26 x 10 x 10 cm / ▲ 960 g  
☞ 20 x 10.5 x 27 cm

059955

**Lampe BALADEUSE 400 L**  
400 lumens

COB LED  
Li-ion  
Charging time: 8h  
**operating time**  
High position: 2.5 h  
Low position: 5 h  
Top light (1 W): 6 h

↓ 23 x 6.5 x 4 cm / ▲ 480 g  
☞ 13 x 7 x 23.5 cm

059153

**Lampe BALADEUSE PRO 600 L**  
250-600 lumens

COB LED, 80 CRI  
3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)  
**operating time**  
High position: 1.5 h  
Low position: 4.5 h  
Top light (100 lumens): 10 h

↓ 19 x 5.6 x 2.9 cm  
▲ 520 g  
☞ 9 x 13 x 23.2 cm  
IP54  
210g

060883

**UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube**

**Lampe SOUS CAPOT 600 L**  
500-1000 lumens

120 COB LED  
3.7 V - 4000 mAh Li-ion  
charging time: 10/12 h  
**operating time**  
High position: 4 h  
Low position: 8 h

↓ 26 x 10 x 10 cm  
▲ 2.3 kg  
☞ 23.5 x 12 x 69.5 cm

059962

**Lampe SOUS CAPOT 800 L**  
250-800 lumens

120 COB LED  
3.7 V - 4000 mAh Li-ion  
charging time: 10/12 h  
**operating time**  
High position: 3 h  
Low position: 6 h

↓ 26 x 10 x 10 cm  
▲ 2.3 kg  
☞ 23.5 x 12 x 69.5 cm

058002

**360° AMBIANT LAMP - Lampe ambiance 360°**

**Lampe AMBIANCE 360° PORTABLE 1000 L**  
60 > 1000 lumens

>80 CRI SMD LED  
6500 K  
3.7 V - 5200 mAh Li-ion  
USB charging (4.5 h) / USB power supply  
**operating time** 2 > 27 h

↓ 26 x 7.5 x 7.5 cm ▲ 660 g  
☞ 7.8 x 8 x 35 cm  
IP 54

059764

**INSPECTION LAMP - Lampe inspection - Inspektionslampen**

**Lampe INSPECTION PRO 600 L**  
0 > 600 lumens

6500 K  
3.7 V - 2600 mAh Li-ion  
**operating time**  
1.5 > 15 h

↓ 380 x 40 x 45 mm  
▲ 360 g  
☞ 40 x 8.8 x 5.5 cm

057760

**Lampe INSPECTION MINI 350 L**  
0-350 lumens **NEW**

COB LED  
3.7 V - 1100 mAh Li-ion  
USB charging (3 h)  
**operating time**  
3 > 6.5 h

IP 20

075894

**Lampe INSPECTION PRO 800 L**  
120-800 lumens **NEW**

COB LED  
3.7 V - 2600 mAh Li-ion  
USB charging (4 h)  
**operating time**  
2.5 > 9 h

IP 54

075900

**Lampe INSPECTION FRONTALE 280 L**  
100-280 lumens

3 W COB LED  
80 CRI+, 6500 K  
3.7 V - 1500 mAh Li-po  
micro USB charging  
**operating time**  
High position: 2 h  
Low position: 6 h

IP 65 / ↓ 7.8 x 4.7 x 4.2 cm  
☞ 40 x 8.8 x 5.5 cm / ▲ 200 g

060845

**Lampe INSPECTION MINI 200 L**  
100-200 lumens

COB LED, 80 CRI, 6500 K  
3.7 V - 700 mAh Li-ion  
micro USB charging (2.5 h)  
**operating time**  
High position: 1.5 h  
Low position: 4 h  
Top light: 3.5 h

IP 20 / ↓ 17.4 x 2.7 x 2.8 cm  
☞ 17.5 x 5 x cm / ▲ 140g

060852

**WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß**

**Lampe sur TRÉPIED 1800 L**  
1800 lumens

3x 55 COB LED  
total 165 LED  
1.8 m power cord

▲ 3.2 kg  
☞ 95 x 14.5 x 14 cm

059146

**Lampe sur TRÉPIED 3000 L**  
3000 lumens

35 W COB LED  
2 m power cord

IP 44  
▲ 4.1 kg  
☞ 103 x 21.5 x 10 cm

059979

**Lampe sur TRÉPIED 4000 L**  
4000 lumens

3x 20 COB LED,  
total 60 LED  
3 m power cord

▲ 6.4 kg  
☞ 22 x 16 x 116 cm

059986

**AUTOMOTIVE BATTERIES**

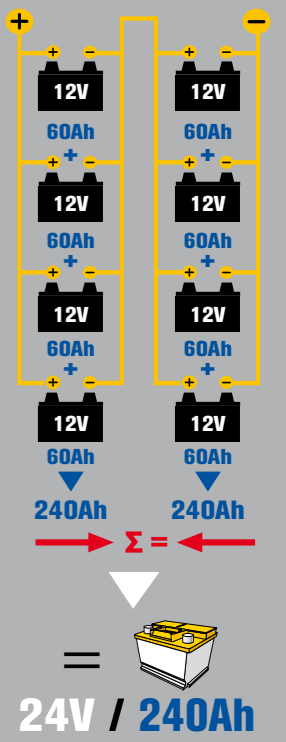
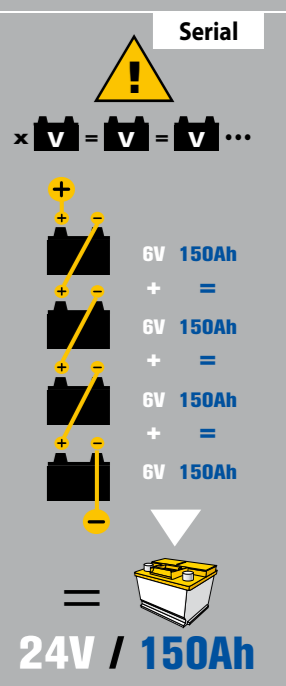
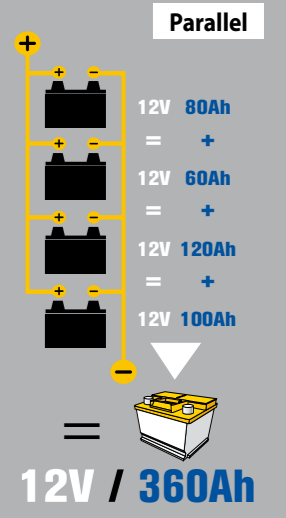
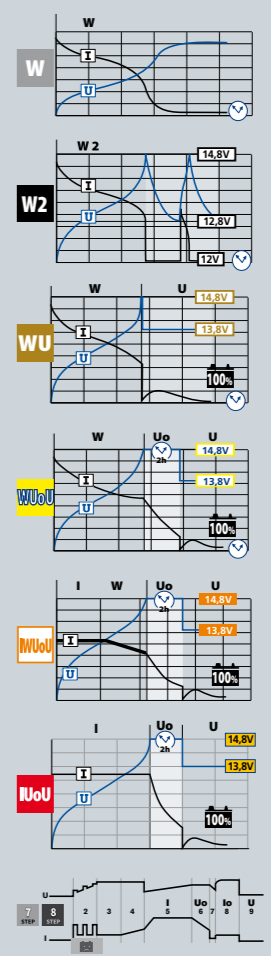
Batteries de démarrage - Starterbatterien - Baterias de arranque  
- Automotive accu's - Baterias de Automóvel - Mmotopiles  
огондатов - Пусковые батареи - 汽车启动电池

| Curves                       | LIQUID Calcium / Silver | Start & Stop / AGM / EFB / GEL / Optima | Unattended charge | 100% charged | Maintenance | Battery desulphation | Fast Charge | Fast Charge ++ |
|------------------------------|-------------------------|---|-------------------|--------------|-------------|----------------------|-------------|----------------|
| W                            | ✓                       | -                                       | -                 | -            | -           | -                    | -           | -              |
| W2                           | ✓                       | -                                       | ✓                 | -            | -           | -                    | -           | -              |
| WU                           | ✓                       | -                                       | ✓                 | -            | ✓           | -                    | -           | -              |
| WUoU                         | ✓                       | ✓                                       | ✓                 | ✓            | ✓           | -                    | -           | -              |
| IWUoU                        | ✓                       | ✓                                       | ✓                 | ✓            | ✓           | ✓                    | ✓           | -              |
| I REGULATED FAST CHARGE IUoU | ✓                       | ✓                                       | ✓                 | ✓            | ✓           | -                    | ✓           | ✓              |
| 7 STEP GYSFLASH Pb           | ✓                       | ✓                                       | ✓                 | ✓            | ✓           | ✓                    | ✓           | ✓              |

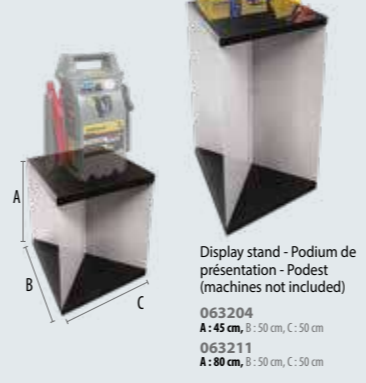
GYSFLASH Lithium

8 STEP Li-ion   8 STEP LiFePO<sub>4</sub>   9 STEP Li-ion   9 STEP LiFePO<sub>4</sub>

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



**MARKETING**



| Type   | FA1    | FA2    | SB1    |
|--|--------|--------|--------|
| complete - complet - komplett                      | 062429 | 062443 | 061149 |
| without display stand - sans linéaire - ohne Regal | 062436 | 062450 | 062412 |

Retail display space with 2 shelves - Linéaire de vente avec 2 étagères - Lochwandregal mit 2 Böden (machines not included) 060784



INVEST IN THE FUTURE



French manufacturer  
since 1964

2  
0  
2  
3  
B

# Chargers, Boosters & Starters

Charge & entretien des batteries  
Batterieservicegeräte-Katalog  
Caricabatterie, Booster & Avviatore  
Catálogo de Cargadores



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Shanghai  
China

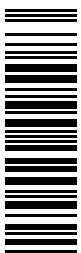
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INVEST IN THE FUTURE



French manufacturer  
since 1964

# Car Body Welding Systems

Catalogue Carrosserie

Catalogo Carrozzeria

Karosserie-Schweißtechnik Katalog

Catálogo de Soldadura para Carrocería

2  
0  
2  
3  
B



SPOT WELDING

DENT PULLER

MIG

PLASMA

INDUCTION

LIFT

RIVETING

BODYSHOP TOOLS

INVEST IN THE FUTURE

## A solid manufacturing group

900 people € 125 000 000

C1+ Credit Rating Banque de France  
55 000 m<sup>2</sup> 2 factories



INVEST IN THE FUTURE



French manufacturer since 1964

## A family company



Nicolas & Bruno Bouygues

## 3 catalogues

3 500+ references



Welding, Plasma cutting & Induction heating



Car Body Welding Systems



Chargers, Boosters & Starters

## A worldwide coverage

125 countries



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Laval

**GYS GERMANY**  
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**GYS IBERICA**  
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## DENT PULLING

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| GYSLOT                     | 6  |
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# DENT PULLING

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|        |   |
|--------|---|
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|--------|---|

|            |   |
|------------|---|
| GYSPOT PRO | 7 |
|------------|---|

## ALU

|            |   |
|------------|---|
| GYSPOT ALU | 8 |
|------------|---|

## ALU + STEEL / ACIER / STAHL

|              |   |
|--------------|---|
| GYSPOT COMBI | 9 |
|--------------|---|

|                           |    |
|---------------------------|----|
| ACCESSORIES & CONSUMABLES | 10 |
|---------------------------|----|

## DRAWN ARC

### ALU + STEEL / ACIER / STAHL

|                |    |
|----------------|----|
| GYSPOT ARCPULL | 12 |
|----------------|----|

|               |    |
|---------------|----|
| COMBI ARCPULL | 13 |
|---------------|----|

|                           |    |
|---------------------------|----|
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|                |    |
|----------------|----|
| LEVELLING BARS | 20 |
|----------------|----|

|                       |    |
|-----------------------|----|
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|-----------------------|----|

# DENT PULLING STEEL ACIER - STAHL

- ▼ Stars - Étoiles - Ausbeulstern
- ♀ Rings - Anneaux - Zugösen
- ⋄ Wavy wires - Fils ondulés - Wellendraht
- ⚡ Impact shrinking - Rabattage d'impact - Glätten

**OPTIONS**



- ▼ Stars - Étoiles - Ausbeulstern
- ♀ Rings - Anneaux - Zugösen
- ⋄ Wavy wires - Fils ondulés - Wellendraht
- ⚡ Impact shrinking - Rabattage d'impact - Glätten
- + ⚡ Tempering - Rétreinte - Temperieren



**NEW DESIGN**



FIXED GUN

FIXED GUN

**GYSPOT 2600**

**2600 A** x1 AUTOMATIC

230V • 1~

052208

included

**Automatic quick gun**, 1.8 m, 70 mm<sup>2</sup> + Hammer (057272)

Earth cable 1.7 m, 50 mm<sup>2</sup> Electrode warming point Star copper coating (x3)

**GYSPOT 2700**

**2600 A** x1 MANUAL

230V • 1~

055353

included

**Manual quick gun**, 1.8 m, 70 mm<sup>2</sup> (058705) + Hammer (057272)

Earth cable 1.7 m, 50 mm<sup>2</sup> Electrode warming point Star copper coating (x3)

**GYSPOT 34.02 & 34.04**

**3500 A** x1 MANUAL

230V • 1~ GYSPOT 34.02 065741

400V • 2~ GYSPOT 34.04 067943

included

**Manual quick gun**, 2 m, 50 mm<sup>2</sup> + Hammer (057272)

Earth cable 1.7 m, 50 mm<sup>2</sup> Electrode warming point Star copper coating (x3)

**GYSPOT 39.02 & 39.04**

**3800 A** x1 AUTOMATIC

230V • 1~ GYSPOT 39.02 052215

400V • 2~ GYSPOT 39.04 052222

included

**Automatic quick gun**, 2 m, 70 mm<sup>2</sup> (057517) + Hammer (057272)

Earth cable 2 m, 70 mm<sup>2</sup> SPOTTER BOX STANDARD (053915) (Details p.10)

**GYSPOT PRO 230 & PRO 400**

**3800 A** x2 AUTOMATIC MANUAL

230V • 1~ GYSPOT PRO 230 052178

400V • 2~ GYSPOT PRO 400 052185

included

**Automatic quick gun**, 3 m, 50 mm<sup>2</sup> (057500) + Hammer (057272)

**Manual quick gun**, 2 m, 70 mm<sup>2</sup> (057524)

Earth cable 2 m, 70 mm<sup>2</sup> SPOTTER BOX PRO (050075) (Details p.10)

**GYSPOT EXPERT 200, 230 & 400**

**3800-4500 A** x2 AUTOMATIC MANUAL

230V • 1~ GYSPOT EXPERT 230 066885

200-240V • 1~ GYSPOT EXPERT 200 058842

4350 • 5100 A

400V • 2~ GYSPOT EXPERT 400 058859

included

**Automatic quick gun**, 3 m, 70 mm<sup>2</sup> (059207) + Hammer (057272)

**Manual quick gun**, 2 m, 70 mm<sup>2</sup> (057524)

Earth cable Thick 3 mm 2 m, 70 mm<sup>2</sup> SPOTTER BOX PRO (050075) (Details p.10)

### QUICK GUNS

**Quick & Easy**

**AUTOMATIC**

**WITH CONNECTOR**  
3 m, Ø 50 mm<sup>2</sup>  
included PRO 230/400 057500

**WITH CONNECTOR**  
2 m, Ø 70 mm<sup>2</sup>  
included 39.02/04 057517

**MANUAL**

**WITH CONNECTOR**  
cable 2 m, Ø 70 mm<sup>2</sup>  
included PRO 230/400, EXPERT 200/230/400, COMBI 230EPRO 057524

**No connector**  
cable 1.8 m, Ø 70 mm<sup>2</sup>  
for 2700 058705

**No connector**  
cable 2 m, Ø 50 mm<sup>2</sup>  
for 34.02/34.04

**QUICK GUN**  
057531

**D1**  
048959

**Nut - Écrou**  
053199

**Microswitch**  
053267

**Mandrels for gun - Mandrins pour pistolets - Pistole & Anschlußstücke, Zubehör**

- ▼ Stars - Étoiles - Ausbeulstern
- ♀ Rings - Anneaux - Zugösen
- ⋄ Wavy wires - Fils ondulés - Wellendraht
- ⚡ Impact shrinking - Rabattage d'impact - Glätten
- + ⚡ Tempering - Rétreinte - Temperieren
- + ⚡ Rivets - Rivets - Nieten
- + ⚡ Rings - Rondelles - Unterlegscheiben
- + ⚡ Studs - Goujons - Gewindebolzen

**SYNERGIC CONTROL**



**EXPERT SYNERGIC & MANUAL CONTROL**



GUN WITH CONNECTOR

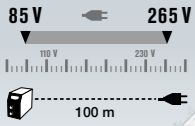
|                | G NORM<br>62135 | 50/60 Hz  | I <sub>2</sub> max<br>A | U <sub>2</sub><br>V | I <sub>AM</sub><br>A | I <sub>RMS</sub><br>A | kW          | OK      | OK | MANUAL | SYNERGIC | ⚡ | ⋄ | AUTOMATIC | MANUAL | SEPARATE<br>CABLE GUN | LxWxH cm / kg       |                     |
|----------------|-----------------|-----------|-------------------------|---------------------|----------------------|-----------------------|-------------|---------|----|--------|----------|---|---|-----------|--------|-----------------------|---------------------|---------------------|
|                |                 |           |                         |                     |                      |                       |             |         |    |        |          |   |   |           |        |                       |                     | MADE IN GYS CHINA   |
|                |                 | 230V      | 2600                    | 5,4                 | 16                   | 1800                  | 10          | OK      |    |        |          |   |   |           |        |                       | 40 x 25 x 31 / 18   |                     |
|                |                 | 230V      | 2600                    | 5,4                 | 16                   | 1800                  | 10          | OK      |    |        |          |   |   |           |        |                       | 40 x 25 x 31 / 18   |                     |
|                |                 | 230V      | 3500                    | 7,4                 | 16                   | 2500                  | 20          | OK      | OK |        |          |   |   |           |        |                       | 42 x 36 x 31 / 23.9 |                     |
|                |                 | 400V, 2ph | 3500                    | 7,4                 | 16                   | 2500                  | 20          | OK      | OK |        |          |   |   |           |        |                       | 42 x 36 x 31 / 24   |                     |
| MADE IN FRANCE |                 | 230V      | 3800                    | 7,4                 | 16                   | 2800                  | 20          | OK      | OK |        |          |   |   |           |        |                       | 49 x 38 x 29 / 27.5 |                     |
|                |                 | 400V, 2ph | 3800                    | 7,4                 | 16                   | 2800                  | 20          | OK      | OK |        |          |   |   |           |        |                       | 49 x 38 x 29 / 25.2 |                     |
|                |                 | 230V      | 3800                    | 7,4                 | 16                   | 2800                  | 20          | OK      | OK |        |          |   |   |           |        |                       | 49 x 38 x 29 / 29.6 |                     |
|                |                 | 400V, 2ph | 3800                    | 7,4                 | 16                   | 2800                  | 20          | OK      | OK |        |          |   |   |           |        |                       | 49 x 38 x 29 / 29.4 |                     |
|                |                 | 200-240V  | 8 m                     | 4350 • 5100         | 7,2-8,7              | 30(D)                 | 3100 • 3600 | 25 • 36 | OK | OK     |          |   |   |           |        |                       |                     | 49 x 38 x 29 / 34.6 |
|                |                 | 230V      | 8 m                     | 3800                | 7,4                  | 16                    | 2800        | 20      | OK | OK     |          |   |   |           |        |                       |                     | 49 x 37 x 31 / 30.6 |
|                |                 | 400V, 2ph | 8 m                     | 4500                | 7,4                  | 16(D)                 | 3200        | 25      | OK | OK     |          |   |   |           |        |                       | 49 x 38 x 29 / 32.9 |                     |



GYSPOT ALU

# DENT PULLING ALU

FV FLEXIBLE VOLTAGE



**FIXED GUN**

SYNERGIC CONTROL PATENTS REGISTERED NUMBERS EUROPEAN TRADEMARK & DESIGN



Goujons - Studs



- Stars - Étoiles
- Rings - Anneaux
- Wavy wires - Fils ondulés
- Impact shrinking - Rabattage d'impact
- Tempering - Rétreinte
- Rivets - Rivets
- Rings - Rondelles
- Studs - Goujons

GYSPOT ALU PRO FV

100 · 230V · 1~

**7500 A** x1 AUTOMATIC

FV

021990

included for Ø 4 mm



Automatic alu gun  
3 m, 25 mm<sup>2</sup>



ALU BOX STANDARD (050020)  
(Details p.11)

ALU GUN

**AUTOMATIC**

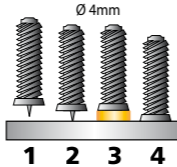
3 m, Ø 25 mm<sup>2</sup>

included SPOT ALU FV & COMBISLOT 230

(x 3)  
065635

**66 mF** CAPACITOR DISCHARGE WELDING

Ø 4mm



Joint rings for mandrel Ø 4/5/6 x 2  
060814

PATENTS REGISTERED NUMBERS 002446450-0001 EUROPEAN TRADEMARK & DESIGN

## OPTIONS

Consumables - Consommables p.11



ALU accessories - Accessoires ALU p.19



Trolleys - Chariots p.24



GYSPOT COMBI

# DENT PULLING ALU + STEEL ACIER - STAHL

**2 GUNS INCLUDED**



**GUN WITH CONNECTOR**

GYSPOT COMBI 230 E.PRO

230V · 1~

**3800 A** Acier / Steel / Stahl

**7500 A** Alu



AUTOMATIC

MANUAL

AUTOMATIC

021266

included



Manual quick gun, 2 m, 70 mm<sup>2</sup> (057524) + Hammer (057272)

Automatic alu gun, 3 m, 25 mm<sup>2</sup>



Earth cable 2 m, 70 mm<sup>2</sup>

SPOTTER BOX PRO (050075) (Details p.10)

ALU BOX STANDARD (050020) (Details p.11)

| MADE IN FRANCE<br>62135 | 50/60 Hz   |     |                            | I <sub>2</sub> max<br>A       | U <sub>2</sub><br>V |              | I <sub>RMS</sub><br>A | kW |    |   | MANUAL | SYNERGIC |   |    | AUTOMATIC | MANUAL | SEPARATE CABLE GUN |                                |                     | LxWxH cm / kg |
|-------------------------|------------|-----|----------------------------|-------------------------------|---------------------|--------------|-----------------------|----|----|---|--------|----------|---|----|-----------|--------|--------------------|--------------------------------|---------------------|---------------|
|                         |            |     |                            |                               |                     |              |                       |    |    |   |        |          |   |    |           |        |                    |                                |                     |               |
| GYSPOT ALU PRO FV       | 110 · 230V | 6 m | 7500                       | 50 · 200                      | 5                   | —            | 0.65                  | OK | OK | ■ | ■      | —        | ■ | x1 | —         | —      | 3 m                | Included Alu box               | 49 x 38 x 29 / 13.4 |               |
| GYSPOT COMBI 230 E.PRO  | 230V       | 8 m | 3800 (steel)<br>7500 (alu) | 7,4 (steel)<br>50 · 200 (alu) | 16                  | 2800 (steel) | 20                    | OK | OK | — | ■      | ■        | ■ | x1 | x1        | ■      | 2/3 m              | Included Spotter box + Alu box | 54 x 76 x 34 / 47.5 |               |

GYSPOT

ALU + STEEL DENT PULLING



## STEEL / ACIER / STAHL

**DENT BOX**  
CONSUMABLES / BAR / EASY**SPOTTER BOX**  
STANDARD / 2600 / 2700**SPOTTER BOX**  
PRO

| Star - Étoile - Ausbeulstern | Ring - Rondelle - Unterlegscheiben              | Tempering - Rétreinte - Temperieren | Impact shrinking & Lock nut - Rabattage d'impact & Écrou - Glätten                     | Wavy wire - Fil ondulé - Wellendraht           | Rings - Anneaux - Zugösen                                    | Studs - Goujons - Gewindebolzen  | Rivets - Rivets - Nieten                               | Nails - Clous                | Stitch welding - Molette  | Rubber pad 062399  |
|------------------------------|---|-------------------------------------|--|--|--|--|--|------------------------------|---|--|
|                              |   |                                     |  |  |  |  |  |                              |   |  |
| hexagon<br>Earth plate small | chuck for inertia hammer<br>copper coating star | electrode<br>Ø 16 for 8 x 16        | Ball electrode warming point Ø16<br>M8<br><small>for spot welding machine only</small> | elec-trode<br>wavy wire<br>magnetic positioner | elec-trode<br>straight rings<br>twisted rings<br>lifting rod | electrode for threaded studs rivets Ø 5 - M5, M6<br>x0.8<br>self-threading<br>Ø 5 x 18<br>Ø 5 x 12 | electrode<br>Ø 16,3 x 4,50<br>Ø 3 x 3,25<br>Ø 3 x 4,50 | electrode<br>Ø 2 - M4<br>Ø 2 | electrode wheel Ø16<br><small>for spot welding machine only</small> | flat n°27<br>Earth plate large<br>magnetic<br>Steel gun earth adapter Ø 25 mm² |
| x1                           | x20   | x1                                  | x1   | x1   | x1   | x1   | x1   | x1                           | x1  | x1   |
| 049482                       | 052239  | 049574                              | 059726   | 049789   | 050655   | 049598   | 049604   | 049277                       | 050310  | 049673   |
|                              |   | 049444                              | 050303   | 049727   | 050648   | 049383   | 049345   | 041561                       |   | 052529   |
|                              |   | 056718                              |  | 049772   | 050631   | 049420   | 049352   |                              |   | 049666   |
|                              |   |                                     |  |  | 050792   | 049413   |  |                              |   | 051997   |

### DENT BOX

**CONSUMABLES**  
051515

x20

x25

x50 x25

**BAR**  
050037

x1

x25

x1

x50

x1

180mm

**EASY**  
053632

x1

x1

x1

x20

x1

x50

x1

x1

x1

x1

x25

x1

x50

x1

180mm

### SPOTTER BOX

**PRO**  
050075

x1

x1

x1

x20

x1

x50

x1

x1

x1

x1

x50

x50

x50

x1

x100

x100

**STANDARD**  
053915

x1

x1

x1

x20

x1

x50

x1

x1

x1

**2600**  
052277

x20

x1

x50

x1

**2700**  
053922

x20

x1

x50

x1

x1

## SLIDE HAMMERS - Marteaux inertie - Ausbeulhammer

**COMPLETE**  
057272

1.1 kg

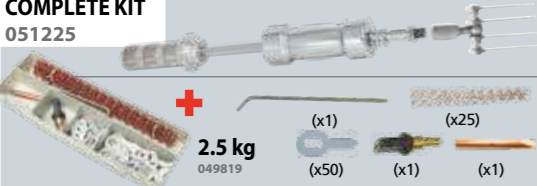
(x1) 054028

Options

(x5) 050839

included (x1) 049482

included (x20) 052239

**COMPLETE KIT**  
051225

2.5 kg

(x1)

(x50)

(x1)

(x1)

**Nails - Clous - Nägel**  
041813

1.1 kg



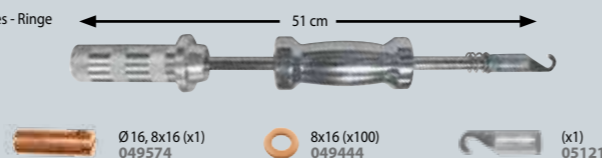
Ø 2, M4 (x1) 049277

Ø 2 (x100) 041561

MIG/MAG nozzle for Nail welding 041523

**Washers - Rondelles - Ringe**  
051201

1.7 kg



Ø 16, 8x16 (x1) 049574

8x16 (x100) 049444

(x1) 051218

**Slide hammer kit - Kit marteau à inertie - Ausbeulhammerset**  
051928

6 kg



057326



057319

## ALU



ALU BOX LIGHT Ø4 / STANDARD Ø4 / Ø5 &amp; 6

**ALU BOX****LIGHT Ø 4**  
051522**STANDARD Ø 4**  
050020**Ø 5 & 6**  
048195Joint rings for mandrel Ø 4/5/6  
x2  
060814

| mandrel for ALU GUN |        |        | alu magnesium screws 12 mm |                |          |          | alu silicium screws 12 mm |                |          |          | screwable rings | fast pulling rings | lifting rod          |
|---------------------|--------|--------|----------------------------|----------------|----------|----------|---------------------------|----------------|----------|----------|-----------------|--------------------|----------------------|
| Ø 4 x2              | Ø 5 x1 | Ø 6 x1 | Ø 4 - M4 x200              | Ø 4 - M4 x1000 | Ø 5 x100 | Ø 6 x100 | Ø 4 - M4 x200             | Ø 4 - M4 x1000 | Ø 5 x100 | Ø 6 x100 | Ø 4 x5          | Ø 5 x5             | x3: 180, 300, 500 mm |
| 049000              | 048157 | 048164 | 050273                     | 050129         | 048140   | 048133   | 050280                    | 050136         | 048126   | 048003   | 050297          | 058712             | 050792               |
|                     |        |        | x200                       | x1000          | x100     | x100     | x200                      | x1000          | x100     | x100     |                 |                    |                      |
|                     |        |        | x200                       | x200           | x200     | x200     | x200                      | x200           | x200     | x200     | x5              | x5                 | x1                   |
| x1                  | x1     |        | Ø 5 x100                   |                |          |          | Ø 5 x100                  |                |          |          | x5              |                    |                      |
|                     |        |        | + Ø 6 x100                 |                |          |          | + Ø 6 x100                |                |          |          |                 |                    |                      |

**Steel Ring sharpener**  
- Affuteur d'anneaux acier  
- Stahl ZugöSENSCHNEIDER  
072565

Acier - Steel - Stahl

072299

Pneumatic punch and die sharpener for steel rings  
Poinçon et matrice affuteur pneumatique pour anneaux acier



# DENT PULLING DRAWN ARC ALU + STEEL

ACIER - STAHL



**SYNERGIC**

**PRO** ★★★

**MANUAL**

**EXPERT Control**

1 Start-up - Amorce - Zündung  
 2 Scouring (I & t) - Décapage - Abbeizen  
 3 Arc (I & t) - Arc - Lichtbogen  
 4 Hitching (I & t) - Accroche - Verklebung  
 5 Height - Hauteur - Höhe

**7 languages**  
FR, EN, DE, SP, IT, NL & RU

- Rings - Anneaux - Zugösen
- Studs - Goujons - Gewindebolzen
- Stainless steel nails - Tiges inox - Edelstahlnägel

## SYNERGIC DIGITAL GUNS

★★★★★

**UNIQUE Linear Motor**

**DRAWN ARC PROCESS**  
Gas protection

3 m, Ø 25 mm<sup>2</sup>

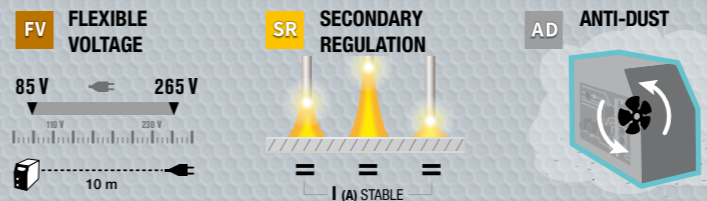
included ARCPULL 200 & 350, COMBI ARCPULL

Adjustable

**Full control**

Consumables for Gun

- x2 059627
- x1 059610



MANUAL & SYNERGIC CONTROL

**NEW**

**2 GUNS INCLUDED**

**ALU** **STEEL**

∅ max  
Alu : 6 mm  
Fe : 6 mm

**GUN WITH CONNECTOR**

**GYSPOT ARCPULL 200**

100 · 230V · 1~

**200 A** **MANUAL**

FV SR AD

057470

included

- Manual synergic gun 3 m, 25 mm<sup>2</sup>
- ALU RING BOX 1.5 mm (AlSpec + AlMg3 + AlMgSi) 059429
- Lifting rod 180 mm (x3)

**OPTIONS** details p.24

Weld 810 for ARCPULL 200 037489

**COMBI ARCPULL**

230V · 1~

|                             |   |
|-----------------------------|---|
| <b>ARCPULL 200 A</b><br>Alu | <b>EXPERT 3800 A</b><br>Acier / Steel / Stahl |
| <b>MANUAL</b>               | <b>MANUAL</b>                                 |
| <b>OPTION : AUTOMATIC</b>   |   |

069824

Arcpull accessories included

- Manual synergic gun 3 m, 25 mm<sup>2</sup>
- ALU RING BOX 1.5 mm (AlSpec + AlMg3 + AlMgSi) 059429
- Lifting rod 180 mm (x3)

Expert accessories included

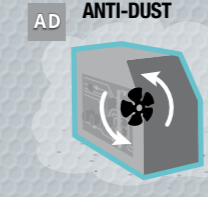
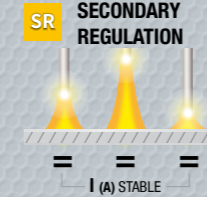
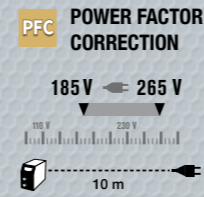
- Manual quick gun, 2 m, 70 mm<sup>2</sup> (057524) + Hammer (057272)
- Earth cable 2 m, 70 mm<sup>2</sup>
- SPOTTER BOX PRO (050075) (Details p.10)

| MADE IN FRANCE 60974-1    | 50/60 Hz   | I <sub>2</sub><br>A | SYNERGIC                             |        |          | MANUAL      |                                     | IRMS (A)    | GUN    |  | U <sub>2</sub><br>V | A                          | kW | OK | OK                  | LxWxH cm / kg |
|---------------------------|------------|---------------------|--------------------------------------|--------|----------|-------------|-------------------------------------|-------------|--------|--|---------------------|----------------------------|----|----|---------------------|---------------|
|                           |            |                     | SYNERGIC                             | MANUAL | IRMS (A) | Acier/Steel | Alu                                 |             |        |  |                     |                            |    |    |                     |               |
| <b>GYSPOT ARCPULL 200</b> | 110 > 230V | 6 m                 | 10 · 100 (110 V)<br>10 · 200 (230 V) | ■      | ■        | —           | Manual + Digital Gun Motion Control | Acier/Steel | Alu    | 20.4 · 24 V (110 V)<br>20.4 · 28 V (230 V) | 16                  | 2.4 (110 V)<br>5.6 (230 V) | OK | OK | 49 x 37 x 30 / 14.5 |               |
| <b>COMBI ARCPULL</b>      | 230V       | 8 m                 | Alu 10 · 200<br>Acier 3800           | ■      | ■        | Steel 3800  | Manual Automatic (not included)     | Manual      | Manual | Alu 20.4 · 28 V<br>Steel 7.4 V             | 16                  | Alu 5.6<br>Steel 20        | OK | OK | 72 x 42 x 29 / 41.5 |               |



GYS POT ARCPULL

# DENT PULLING DRAWN ARC ALU + STEEL ACIER - STAHL



- Rings - Anneaux - Zugösen
- Start-up - Amorce - Zündung
- Hitching (I & t)
- Studs - Goujons - Gewindebolzen
- Scouring (I & t) - Décapage
- Accroche - Verklebung
- Stainless steel nails - Tiges inox
- Abbeizen
- Height - Hauteur
- Edelstahlnägel
- Arc (I & t) - Arc - Lichtbogen
- Hohe



**7** languages  
FR, EN, DE, SP, IT, NL & RU



∅ max  
Alu/Fe: 8 mm



∅ max  
Alu: 10 mm  
Fe: 13 mm



3 m, ∅ 50 mm<sup>2</sup> included  
ARC PULL 700

**NEW**



## SYNERGIC DIGITAL GUNS

★★★★★ **DRAWN ARC PROCESS**  
Gas protection

**UNIQUE Linear Motor**

**FULL CONTROL**

3 m, ∅ 25 mm<sup>2</sup>  
included ARCPULL 200, 350 & COMBI ARCPULL

Adjustable

Consumables for Gun

- x2 059627
- x1 059610

### GYS POT ARCPULL 350

208 · 240V · 1~

**350 A** ×1 MANUAL

PFC SR AD

062191

included



Manual synergic gun  
3 m, 25 mm<sup>2</sup>

#### OPTIONS

details p.24

Weld 810  
for ARCPULL 350  
037489



#### PACKS ARCPULL 350

|                    | Arcpull 350 | Croco T400.70 | Rivet box | Alu ring box 1.5 mm | Lifting rods |
|--------------------|-------------|---------------|-----------|---------------------|--------------|
| 350 RIVET          | ■           | ■             | ■         | —                   | —            |
| 350 PULLER         | ■           | —             | —         | ■                   | x1           |
| 350 PULLER + RIVET | ■           | ■             | ■         | ■                   | x1           |

### GYS POT ARCPULL 700

380 · 480V · 3~

**680 A** ×1 MANUAL

SR IP 23

068315

included



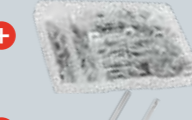
Manual synergic gun  
3 m, 50 mm<sup>2</sup>



Double earth clamps  
700 A, 3 m, 50 mm<sup>2</sup>  
068605



Arc Pull Rivet Box 700



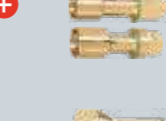
ALU RING BOX  
1.5 mm  
(AlSpec + AlMg3 + AlMgSi)  
059429



Lifting rod 180 mm (x1)



Gas protection (x1)  
068346



Ground studs holder  
∅ 6 (x1)  
075368  
∅ 8 (x1)  
075375  
∅ 10 (x1)  
075382



Threaded holder  
∅ 5 (x1)  
076174  
∅ 6 (x1)  
068391



| MADE IN FRANCE<br>60974-1  | 50/60 Hz           | I <sub>2</sub><br>A | SYNERGIC | TECHNOLOGY                          |     | U <sub>2</sub><br>V | kVA                  | kW                 | OK | OK | LxWxH cm / kg       |
|----------------------------|--------------------|---------------------|----------|-------------------------------------|-----|---------------------|----------------------|--------------------|----|----|---------------------|
|                            |                    |                     |          | Acier/Steel                         | Alu |                     |                      |                    |    |    |                     |
| <b>GYS POT ARCPULL 350</b> | 208 · 240V         | 6 m                 | 10 · 350 | Manual + Digital Gun Motion Control | —   | 20.4 · 34V          | 16                   | 11.9               | OK | OK | 48 x 36 x 30 / 17.4 |
| <b>GYS POT ARCPULL 700</b> | 3x 400V<br>3x 480V | 5 m                 | 50 · 680 | Manual + Digital Gun Motion Control | —   | 22 · 44V            | 20 A (D)<br>16 A (D) | 47.8 kW<br>45.7 kW | OK | OK | 60 x 43 x 46 / 27.8 |







# GYSPOT ARC PULL 200, 350 & COMBI ACCESSORIES & CONSUMABLES

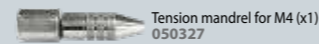
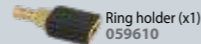
## ACIER / STEEL / STAHL

|  |    |    |  |  |  |    |      |  |    |      |      |      |  |    |      |      |    |      |    |      |
|--|----|----|--|--|--|----|------|--|----|------|------|------|--|----|------|------|----|------|----|------|
|  |    |    |  |  |  |    |      |  |    |      |      |      |  |    |      |      |    |      |    |      |
| <b>STEEL STUDS BOX 200 &amp; 350</b><br>059443 | x1 | x1 |  |  |  | x1 | x100 |  | x1 | x100 | x100 | x100 |  | x1 | x100 | x200 | x1 | x200 | x1 | x100 |

## ALU

|  |    |    |    |      |    |      |    |      |      |    |      |    |      |
|--|----|----|----|------|----|------|----|------|------|----|------|----|------|
|  |    |    |    |      |    |      |    |      |      |    |      |    |      |
| <b>ALU STUDS BOX 200 &amp; 350</b><br>059436 | x1 | x1 | x1 | x100 | x1 | x100 | x1 | x100 | x200 | x1 | x200 | x1 | x100 |

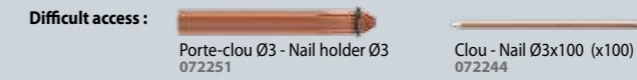
|              |                                      |                      |                    |                    |                      |                    |                      |                   |                     |                   |                     |                   |                     |  |
|--------------|--------------------------------------|----------------------|--------------------|--------------------|----------------------|--------------------|----------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|--|
|              | straight rings                       |                      |                    |                    |                      |                    | twisted rings        |                   |                     |                   |                     |                   |                     |  |
|              | Al-Special                           |                      | AlMg3              |                    | AlMgSi               |                    | Al-Special           |                   | AlMg3 - x 50        |                   | AlMgSi - x 50       |                   |                     |  |
| box          | n°1<br>1mm<br>x100                   | n°4<br>1.5mm<br>x100 | n°8<br>2mm<br>x100 | n°2<br>1mm<br>x100 | n°5<br>1.5mm<br>x100 | n°3<br>1mm<br>x100 | n°6<br>1.5mm<br>x100 | n°1<br>1mm<br>x50 | n°4<br>1.5mm<br>x50 | n°2<br>1mm<br>x50 | n°5<br>1.5mm<br>x50 | n°3<br>1mm<br>x50 | n°6<br>1.5mm<br>x50 |  |
|              | 059535                               | 059559               | 065703             | 059498             | 059511               | 059450             | 059474               | 059542            | 059566              | 059504            | 059528              | 059467            | 059481              |  |
| box          | <b>ALU RING BOX 1 mm</b><br>059412   |                      | 1mm x50            |                    | 1mm x50              |                    | 1mm x50              |                   | 1mm x20             |                   | 1mm x20             |                   | 1mm x20             |  |
| box          | <b>ALU RING BOX 1.5 mm</b><br>059429 |                      | 1.5mm x50          |                    | 1.5mm x50            |                    | 1.5mm x50            |                   | 1.5mm x20           |                   | 1.5mm x20           |                   | 1.5mm x20           |  |
| sachet - bag | <b>ALU RING BOX 2 mm</b><br>065703   |                      | 2mm x100           |                    |                      |                    |                      |                   |                     |                   |                     |                   |                     |  |



## GYSPOT ARC PULL 700 - ACCESSORIES & CONSUMABLES

|  |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|  |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| x100                                   | x1 | x1 | x1 | x1 | x2 | x1 | x1 | x1 | x1 | x1 | x1 | x1 | x1 |  |
| <b>ARCPULL RIVET BOX 700</b><br>068452 |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

|   |  |    |    |                          |                |                |                |                  |                |                                 |                          |              |              |              |              |    |
|---|--|----|----|--------------------------|----------------|----------------|----------------|------------------|----------------|---------------------------------|--------------------------|--------------|--------------|--------------|--------------|----|
|   |  |    |    | <b>Mandrel - Mandrin</b> |                |                |                |                  |                | <b>Long barrel - Canon long</b> |                          |              |              |              |              |    |
|   |  |    |    | Ø2mm x1 064065           | Ø4mm x2 049000 | Ø5mm x1 048157 | Ø6mm x1 048164 | Ø7.1mm x1 064041 | Ø8mm x1 064058 | Opened - Ouvert x1 070806       | Closed - Fermé x1 070790 | M4 x1 070752 | M5 x1 070769 | M6 x1 070776 | M8 x1 070783 |    |
| <b>STUDS HOLDER BOX 350</b><br>064591             |  | x1 | x1 | x1                       | x1             | x1             | x1             | x1               | x1             |                                 |                          |              |              |              |              | x1 |
| <b>ARCPULL DIFFICULT ACCESS BOX 350</b><br>070813 |  | x1 | x1 |                          |                |                |                |                  |                | x1                              | x1                       | x1           | x1           | x1           | x1           | x1 |





# FAST DENT PULLING

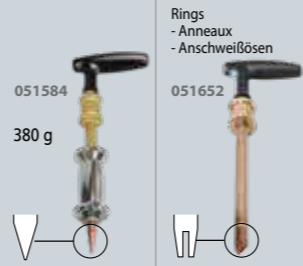
## STEEL / ACIER / STAHL

### EASY TOOL CONNECTION

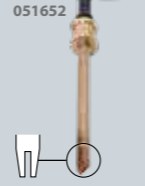
for GYSPT 39.02/04, PRO 230/400, EXPERT 230/400, COMBISPT 230



051690



051584  
380 g



051652



051669



051676



Manual dent-pulling bar - Poignée de tirage manuel  
057289



EASYGUN  
051317

Box of 3 electrodes for accessories  
050822



### MANUSPOT =

050679



Tools set and support for DENT 600, 800, 1000, 1600, Workstation & Dentstation



EASYGUN  
051317

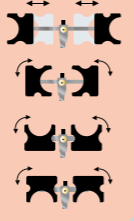


MANULINER  
050471

3 m  
Ø 35 mm2

PATENTS REGISTERED NUMBERS  
001652108-0003  
EUROPEAN TRADEMARK & DESIGN

4 positions  
4 Positionen



### FAST & EASY



RINGMATIC  
052154

included  
(x 50)



Option  
Gun adapter  
- Adaptateur  
pistolet  
052499

Box of 3 electrodes for accessories  
050822



### MANULINER/GUN

056831

PATENTS REGISTERED NUMBERS  
001652108-0003  
EUROPEAN TRADEMARK & DESIGN



Pads - Patins (x2)  
060807

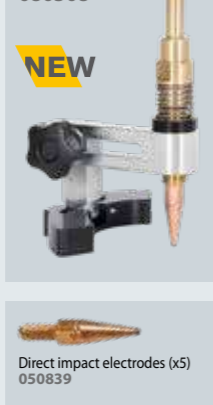
Gun adapter  
- Adaptateur  
pistolet  
included  
052499



### DENT AXE PULLER

080508

NEW



Direct impact electrodes (x5)  
050839

### QUICK SPOT AIR GUN V2

057340



LIGHT  
920 g  
AIR

QUICK SPOT AIR GUN V2  
+ Mini-fraiseuse - Mini-Druckluftfräser  
065567



Included  
Tungsten drill  
Ø 6 mm  
054172

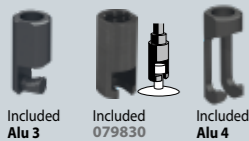
Gun adapter  
- Adaptateur  
pistolet  
052826



### MANU PULLER

079502

NEW



Included  
Alu 3  
065178

Included  
079830

Included  
Alu 4  
065185



## ALU

### ARC PULLER PREMIUM

065161



Included  
Alu 3  
065178

Included  
Alu 4  
065185

Pads - Patins  
(x2)  
069008

ULTRA RESISTANT  
No deformation

GRIP  
Full rotation

Multi positions

### ARC PULLER PREMIUM PRO

072572



Pads - Patins  
(x4)  
074958

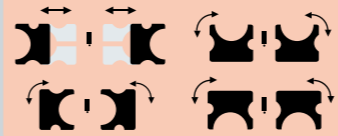
Included  
Alu 3  
065178

Included  
Alu 4  
065185

### ALU PULLER

051003

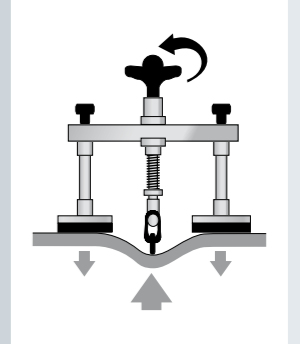
4 positions



Included  
Alu 1  
050938

Included  
Alu 2  
050945

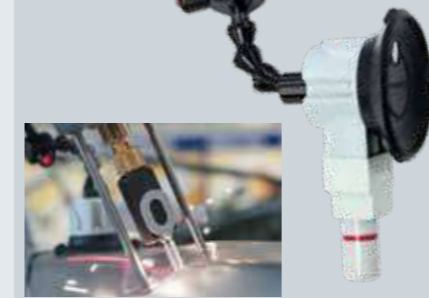
Patins - Pads (x2)  
060807



### STRAIGHT LINE LAMP

- Lampe ligne droite - Dentline-laser

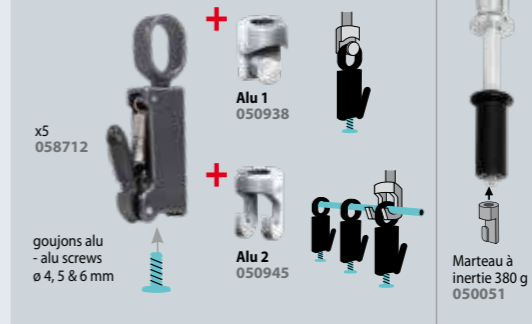
056770



### FAST PULLING RINGS

- Anneaux de tirage rapide

058743



x5  
058712

Alu 1  
050938

Alu 2  
050945

goujons alu - alu screws  
Ø 4, 5 & 6 mm

Marteau à inertie 380 g  
050051

### ALU HAMMERS

- Marteaux alu

020986



Heat gun  
- Décapeur thermique  
- Heißluftpistole

I: 100/300°C (450 W)  
II: 300/650°C (1500 W)  
Air flow: 450 l/min



Affichage digital  
Digital display  
066311

Gas hot air gun - Pistolet  
à air chaud autonome  
à gaz

Bouteille de gaz incluse,  
gas cylinder included



060777

Blow torch -  
Lampe à souder  
- Lötlampe

052741



Novacet +  
(Butane/propane/  
propylene)  
380 ml/220 g

HIGH QUALITY



040441

Brushes -  
Brosses  
- Bürsten  
- Brosses  
- Cepillos

Inox -  
Stainless -  
Edelstahl



044258

Thermal marking  
pencil - Crayon  
marqueur  
thermique

121°C /  
250°F



052765

Infrared  
Thermometer -  
Thermomètre  
infrarouge

-50 / +380°C  
-58 / +716°F



052994

Freezer spray -  
Spray refroidisseur

-50°C  
400 ml



(x 12)  
048898

Heat barrier  
spray - Spray  
barrière  
thermique

054325



054325

# PULLING BARS

## 3 PRODUCT LINES

### 1 STANDARD

### 2 PREMIUM



### 3 PREMIUM PRO

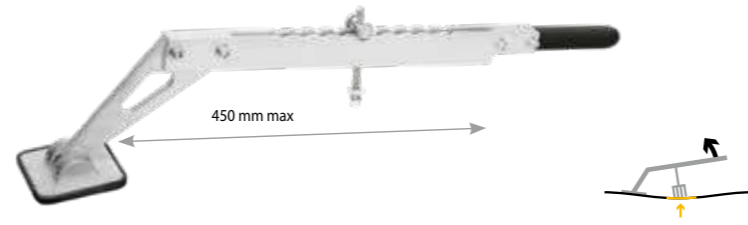


## STANDARD

**Levelling lever**  
- Levier de débousselage  
- Zughebel

**050686**  
↓ 1.6 kg  
⊗ 79 x 12 x 17 cm / 1.9 kg

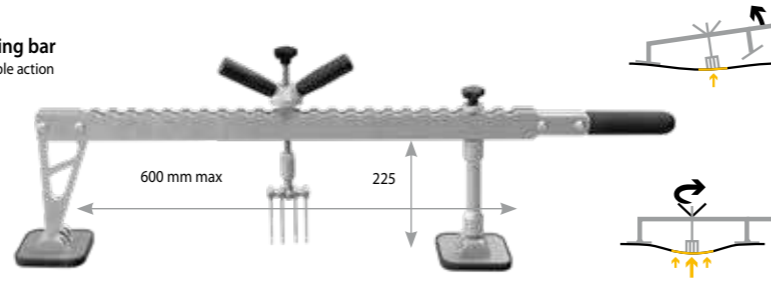
PATENTS REGISTERED NUMBERS  
001652108-0002  
EUROPEAN TRADEMARK & DESIGN



**Double action levelling bar**  
- Barre de débousselage double action  
- Zughebelbrücke

**053564**  
↓ 2.5 kg  
⊗ 77 x 12 x 13 cm / 3.2 kg

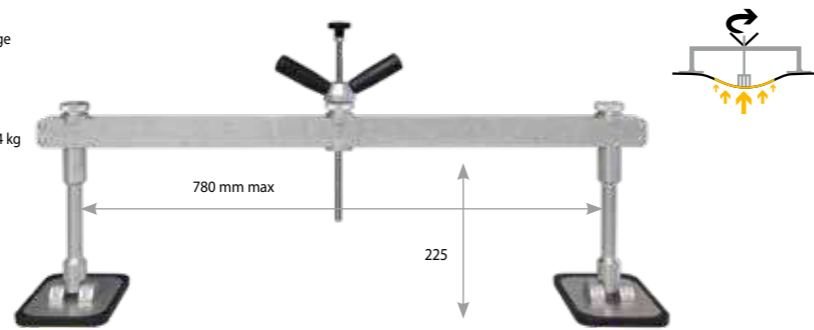
Licensed by  
BETAG.Innovation



**Levelling bar**  
- Barre de débousselage  
- Zugbrücke

**050693**  
↓ 3.4 kg  
⊗ 87 x 17 x 19 cm / 4 kg

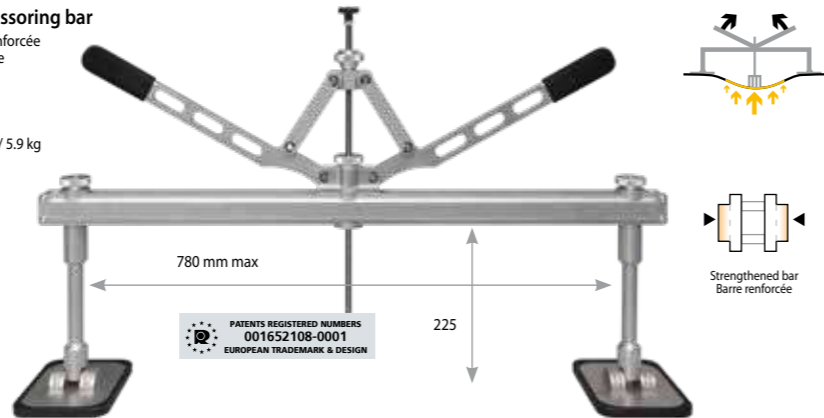
Licensed by  
BETAG.Innovation



**Reinforced scissoring bar**  
- Barre de tirage renforcée  
- Scherenzugbrücke

**050716**  
↓ 5.1 kg  
⊗ 87 x 17 x 18 cm / 5.9 kg

PATENTS REGISTERED NUMBERS  
001652108-0001  
EUROPEAN TRADEMARK & DESIGN



## SLIDE & LOCK

Removable system : pads and pulling systems  
Système amovible : patins et chariots de tirage

### FEET



### PULLING SYSTEM

only for 059313



## LIGHTWEIGHT

Léger



### GRIP 360

360° pads with grip  
Patins à frein orientables à 360°



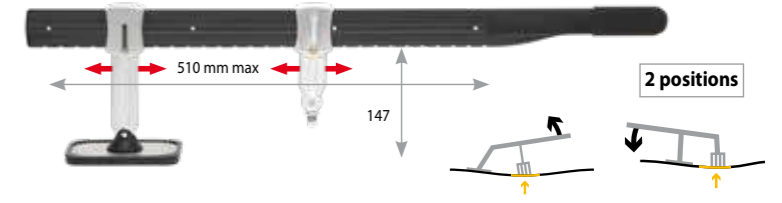
### X-CROSS

Possibility of crossing the bars  
Possibilité de croiser les barres

## PREMIUM

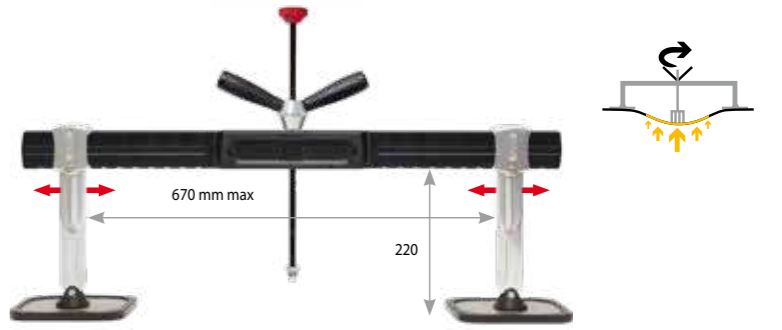
**Premium levelling lever**  
- Levier de débousselage Premium  
- Premium Zughebel

**059290**  
↓ 1.6 kg  
⊗ 100 x 16 x 17 cm / 2.2 kg



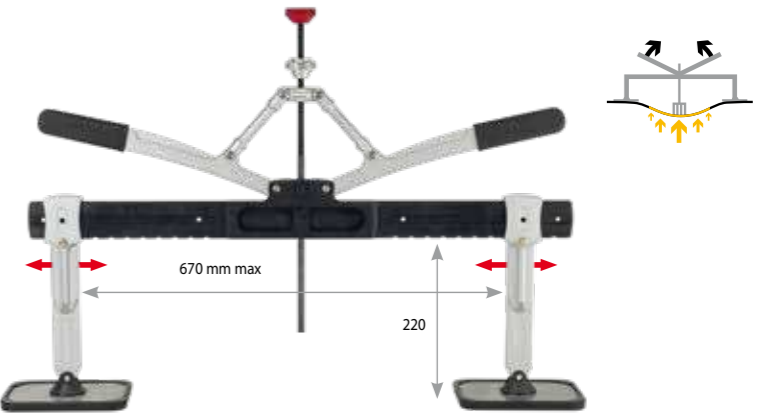
**Premium levelling bar**  
- Barre de débousselage Premium  
- Premium Zugbrücke

**059306**  
↓ 2.8 kg  
⊗ 79 x 30 x 13 cm / 3.2 kg



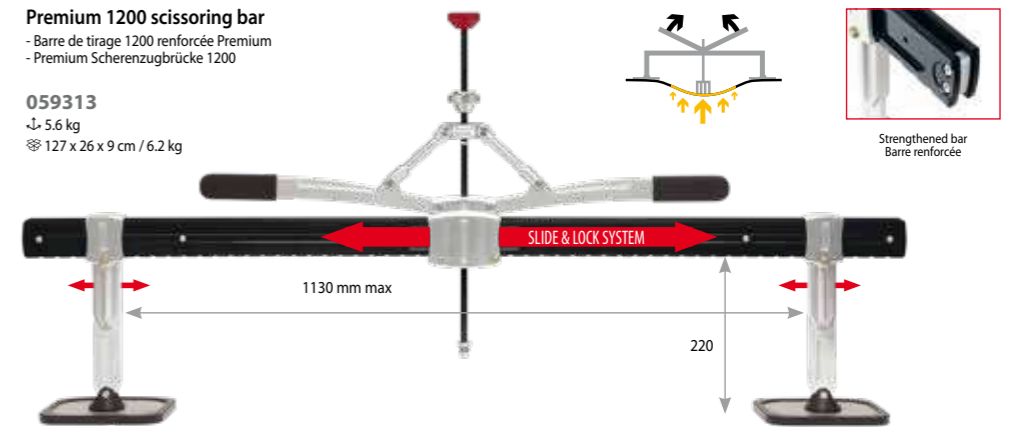
**Premium scissoring bar**  
- Barre de tirage Premium  
- Premium Scherenzugbrücke

**058996**  
↓ 3.1 kg  
⊗ 87 x 16 x 18 cm / 3.9 kg



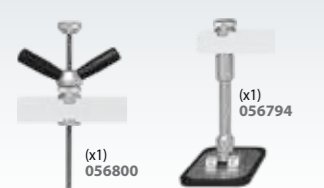
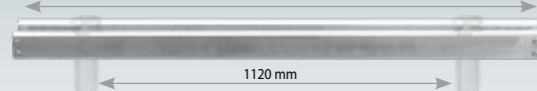
**Premium 1200 scissoring bar**  
- Barre de tirage 1200 renforcée Premium  
- Premium Scherenzugbrücke 1200

**059313**  
↓ 5.6 kg  
⊗ 127 x 26 x 9 cm / 6.2 kg



## OPTIONS

**Reinforced bar 1200 mm - Barre renforcée**  
051171  
1200 mm



Fixing screw  
058439

**Double pads support**  
- Support double patin  
- Doppelpfüße  
050723



### STANDARD

**2 teeth hook**  
STANDARD  
057296

### STANDARD

PREMIUM (LONG FEET NEEDED)

**4 tooth claw**  
Ø M10 / M14  
049758

**6 tooth claw**  
Ø M10 / M14  
049734

**8 tooth claw**  
Ø M10 / M14  
049741



### PREMIUM

**2 teeth hook**  
PREMIUM  
059382

**3 teeth hook**  
PREMIUM  
059658



## OPTIONS



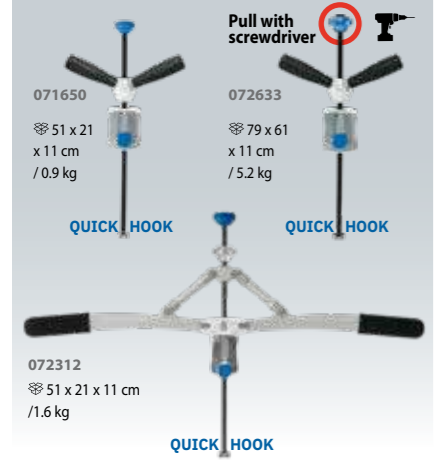
# ☆☆☆ SUPER ERGONOMIC



## QUICK HOOK



## EASY REMOVABLE PULLING SYSTEM



## SLIDE & LOCK

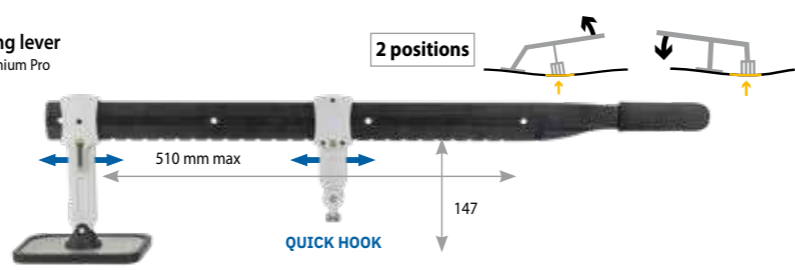


# PREMIUM PRO

### Premium Pro Levelling lever

- Levier de débousselage Premium Pro  
- Premium Pro Zughebel

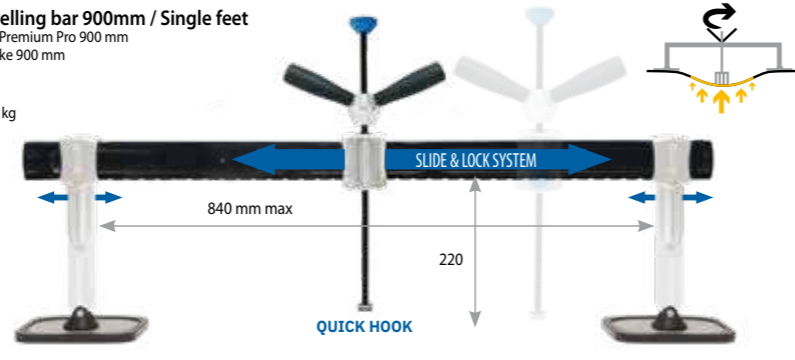
072619  
↳ 1.6 kg  
⊗ 87 x 17 x 18 cm / 2.3 kg



### Premium Pro Levelling bar 900mm / Single feet

- Barre de débousselage Premium Pro 900 mm  
- Premium Pro Zugbrücke 900 mm

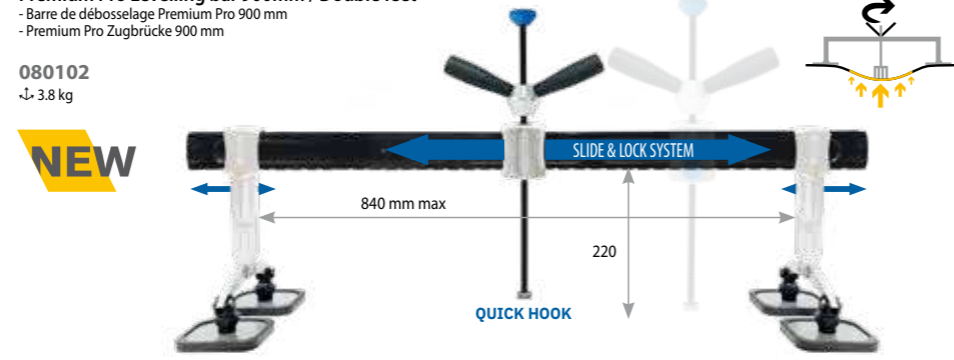
071643  
⊗ 120 x 26 x 8 cm / 4.4 kg  
↳ 3.8 kg



### Premium Pro Levelling bar 900mm / Double feet

- Barre de débousselage Premium Pro 900 mm  
- Premium Pro Zugbrücke 900 mm

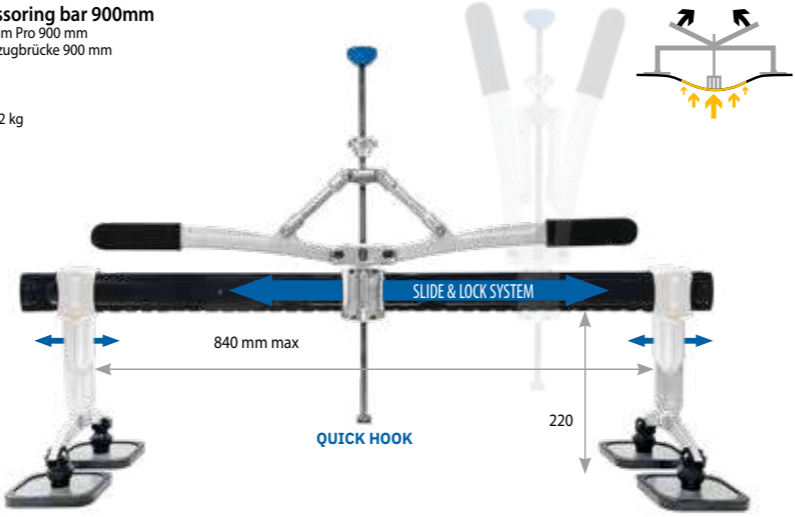
080102  
↳ 3.8 kg



### Premium Pro Scissoring bar 900mm

- Barre de tirage Premium Pro 900 mm  
- Premium Pro Scherenzugbrücke 900 mm

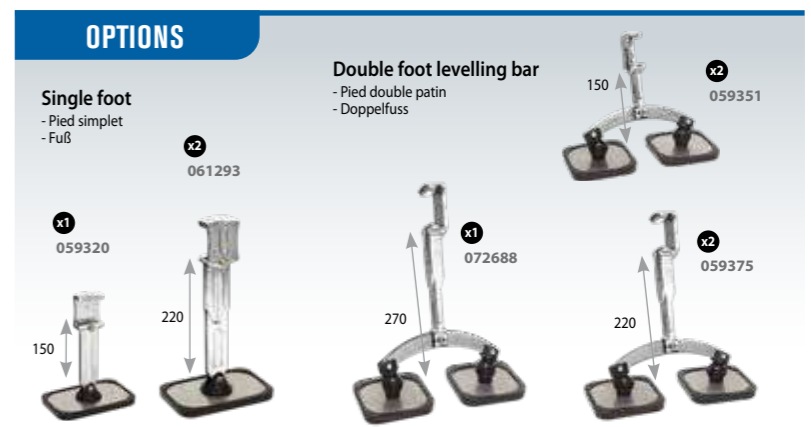
072305  
⊗ 103 x 30 x 13 cm / 5.2 kg  
↳ 4.5 kg



### Premium Pro Scissoring bar 1150 mm

- Barre de tirage Premium Pro 1150 mm  
- Premium Pro Scherenzugbrücke 1150 mm

072626  
⊗ 124 x 7 x 7 cm / 3.1 kg



## PREMIUM BAR SMARHAND

for Premium & Premium Pro  
072480





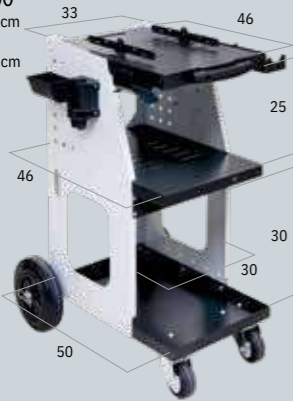
# DENT PULLING WORKSTATIONS

**A COMPLETE SOLUTION  
UNE SOLUTION COMPLÈTE  
KOMPLETTLÖSUNGEN**

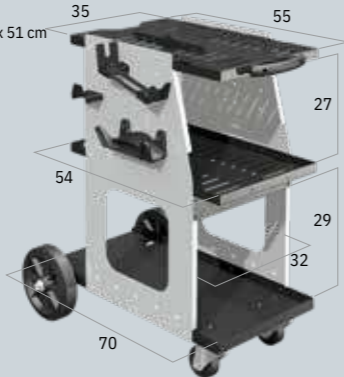
## Compatibility

| SPOT            | Dent 600 | Dent 1000 | Universal 800 | Weld 810 | Weld 910 | Dent 1600 | Dent 1600 WD | Dentstation Pro WD |
|-----------------|----------|-----------|---------------|----------|----------|-----------|--------------|--------------------|
| 2600, 2700      | ✓        | ✓         | ✓             | ✓        |          | ✓         |              | ✓                  |
| 34.02/04        | ✓        | ✓         | ✓             | ✓        |          | ✓         |              | ✓                  |
| 39.02/04        | ✓        | ✓         | ✓             | ✓        |          | ✓         |              | ✓                  |
| PRO 230/400     | ✓        | ✓         | ✓             | ✓        |          | ✓         |              | ✓                  |
| EXPERT 230/400  | ✓        | ✓         | ✓             | ✓        |          | ✓         |              | ✓                  |
| ALU PRO FV      | ✓        | ✓         | ✓             |          |          | ✓         |              | ✓                  |
| COMBI 230 E.PRO |          |           |               |          |          | ✓         |              | ✓                  |
| ARCPULL 200/350 |          |           |               | ✓        | ✓        | ✓         |              | ✓                  |
| COMBI ARCPULL   |          |           |               |          |          | ✓         |              | ✓                  |
| ARCPULL 700     |          |           |               |          | ✓        | ✓         |              | ✓                  |

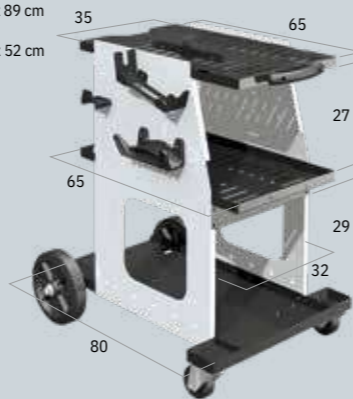
**Universal 800**  
↕ 83 x 48 x 60 cm  
17,6 kg  
☑ 15 x 52 x 80 cm  
18,1 kg  
051331



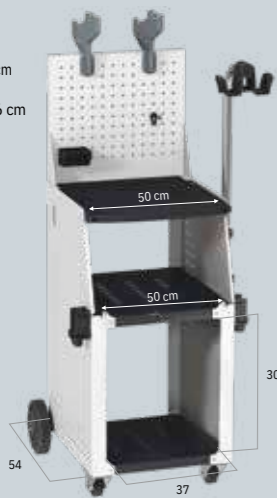
**Weld 810**  
↕ 84 x 50 x 77 cm  
20,1 kg  
☑ 14 x 80 x 51 cm  
21,6 kg  
037489



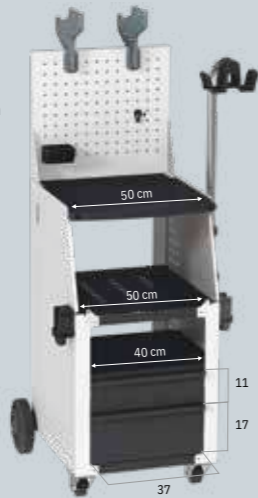
**Weld 910**  
↕ 84 x 52 x 89 cm  
25 kg  
☑ 22 x 80 x 52 cm  
27 kg  
070967



**Dent 1600**  
↕ 69 x 161 x 70 cm  
/ 35,8 kg  
☑ 103 x 22 x 66 cm  
/ 38,7 kg  
072596



**Dent 1600 WD**  
↕ 71 x 161 x 70 cm  
/ 49,5 kg  
☑ 103 x 22 x 66 cm  
/ 52,4 kg  
072169



**Dentstation Pro WD**  
↕ 71 x 161 x 90 cm  
/ 65 kg  
☑ 120 x 28 x 80 cm  
/ 68,5 kg  
072800



4 m³ support  
for Dent 1600 /  
1600 WD &  
Dentstation Pro WD  
059665



Cable support for  
Spot 800, 1600  
& Dentstation  
Pro WD  
052284



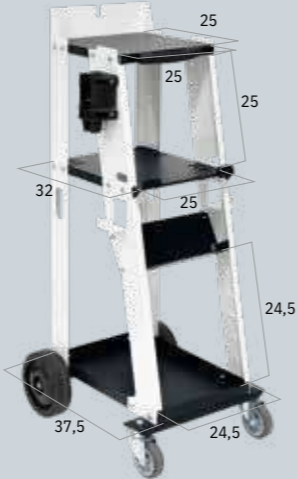
Protection cover - Housse de protection  
- Schutzhaube  
for Universal 800  
062733  
for Spot 1600 & Dent 1600  
048881  
for Dentstation Pro  
059870

## CHARIOTS / TROLLEYS

**Dent 600**  
↕ 44 x 62 x 35 cm / 6,9 kg  
☑ 60 x 14 x 39 cm / 7,4 kg  
072831



**Dent 1000**  
↕ 44 x 95 x 35 cm / 9,3 kg  
☑ 60 x 14 x 39 cm / 9,9 kg  
072848



## EASYLINER



EASYLINER 39.02

EASYLINER PRO 230

## PROLINER



PROLINER 39.02  
PROLINER 39.04

PROLINER PRO 230  
PROLINER PRO 400

PROLINER ALU PRO FV

PROLINER ARCPULL 200

### STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)

### STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)

### ALU



GYSPOT  
(guns & consumables included)

| 39.02                | PRO 230 | 39.02  | PRO 230 | ALU PRO FV | ARCPULL 200 |
|----------------------|---------|--------|---------|------------|-------------|
| 053618<br>☑ : 058521 | 072398  | 035775 | 035799  | 035836     | 065260      |



#### INCLUDED ACCESSORIES



DENT 1000  
072848

Dent box easy  
053632

#### INCLUDED ACCESSORIES



UNIVERSAL 800  
051331  
+ Cable support  
052284

Dent box easy  
050037



Levelling bar double action  
053564



Levelling bar double action  
053564

#### INCLUDED ACCESSORIES



UNIVERSAL 800  
051331  
+ Cable support  
052284

#### INCLUDED ACCESSORIES



Weld 810  
037489  
+ Cable support  
052284



Alu puller  
051003



Arc puller premium  
065161

# SPEEDLINER STANDARD

\*\*\*  
COMPLETE  
SYSTEM



PRO 230, 400      EXPERT 200, 230, 400      COMBI 230 E.PRO      ARCPULL 200 + PRO 230, 400      ARCPULL 200 + EXPERT 200, 230, 400      ALU PRO FV

## STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)



GYSPOT  
(guns & consumables included)



GYSPOT  
(guns & consumables included)



GYSPOT  
(guns & consumables included)

|                          |                             |                                  |  |   |                             |
|--------------------------|-----------------------------|----------------------------------|--|---|-----------------------------|
| <b>PRO 230</b><br>074446 | <b>EXPERT 200</b><br>074460 | <b>COMBI 230 E PRO</b><br>074491 | <b>ARCPULL 200 + PRO 230</b><br>074507 | <b>ARCPULL 200 + EXPERT 200</b><br>074521 | <b>ALU PRO FV</b><br>074552 |
| <b>PRO 400</b><br>074453 | <b>EXPERT 230</b><br>074477 |                                  | <b>ARCPULL 200 + PRO 400</b><br>074514 | <b>ARCPULL 200 + EXPERT 230</b><br>074538 |                             |
|                          | <b>EXPERT 400</b><br>074484 |                                  |  | <b>ARCPULL 200 + EXPERT 400</b><br>074545 |                             |

### INCLUDED ACCESSORIES

|                          |                         |  |   |
|--------------------------|-------------------------|--|---|
|                          |                         |  |   |
| DENT 1600<br>072596      | Cable support<br>052284 | Levelling bar 850 mm<br>050693      052451           |   |
|                          |                         |  |   |
| Magnetic earth<br>049666 | Manuspot<br>050679      | Dent box consumables 051515<br>3 lifting rods 050792 | Ringmatic<br>052154                             |
|                          |                         |  |   |
| Alu puller<br>051003     | Cable support<br>052284 | Arc puller premium<br>065161                         | Cable support<br>052284 + 4 m support<br>059665 |

### INCLUDED ACCESSORIES

|   |   |
|---|---|
|   |   |
| DENT 1600<br>072596   | Cable support<br>052284                                       |
|   |   |
| Levelling bar 850 mm<br>050693                              | Levelling bar 850 mm<br>050693                                |
|   |   |
| Alu hammers<br>020986                                       | Set of pencil punches<br>with 6 teflon tips<br>052888         |
|   |   |
| Multihook heads<br>049758                                   | Alu puller<br>051003  |
|   |   |
| Stainless steel brush<br>044258<br>Alu Box 05 & 6<br>048195 | Infrared Thermometer<br>052994<br>Hot air gun 650°C<br>066311 |

without generator (excluded Ringmatic) 035058

# SPEEDLINER PREMIUM

★★★★  
COMPLETE SYSTEM



PRO 230, 400      EXPERT 200, 230, 400      COMBI 230 E.PRO      ARCPULL 200 + PRO 230, 400      ARCPULL 200 + EXPERT 200, 230, 400      ARCPULL 200, 350



## STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)



GYSPOT  
(guns & consumables included)



GYSPOT  
(guns & consumables included)

## ALU



GYSPOT  
(guns & consumables included)

|                          |                             |                                  |                                |  |   |                                 |                              |
|--------------------------|-----------------------------|----------------------------------|--------------------------------|--|---|---------------------------------|------------------------------|
| <b>PRO 230</b><br>073883 | <b>EXPERT 200</b><br>073906 | <b>COMBI 230 E PRO</b><br>073968 | <b>COMBI ARCPULL</b><br>074569 | <b>ARCPULL 200 + PRO 230</b><br>073975 | <b>ARCPULL 200 + EXPERT 200</b><br>073913 | <b>ARCPULL 200</b><br>073999    | <b>ARCPULL 350</b><br>074934 |
| <b>PRO 400</b><br>073890 | <b>EXPERT 230</b><br>073920 |                                  |                                | <b>ARCPULL 200 + PRO 400</b><br>073982 | <b>ARCPULL 200 + EXPERT 230</b><br>073937 | 077317<br>(without HOT AIR GUN) |                              |
|                          | <b>EXPERT 400</b><br>073944 |                                  |                                |  | <b>ARCPULL 200 + EXPERT 400</b><br>073951 |                                 |                              |

### INCLUDED ACCESSORIES

|  |                                   |   |  |
|--|-----------------------------------|---|--|
|  |                                   |   |  |
| DENT 1600 WD<br>072169   | Cable support<br>052284           | Premium levelling bar 720 mm<br>059306  |  |
|  |                                   |   |  |
| Hook head<br>049758<br>+ 059658<br>+ 059382  | Premium levelling lever<br>059290 |   | DENT 1600 WD<br>072169                                 |
|  |                                   |   |  |
| Magnetic earth<br>049666   | Manuspot<br>050679                | Dent box consumables 051515 + 3<br>lifting rods 050792                              | Manual pulling handle<br>057289<br>Ringmatic<br>052154 |
|  |                                   |   |  |
| Fast pulling rings (x5)<br>058712<br>+ Alu puller<br>051003<br>+ Cable support<br>052284 |                                   | 4 m³ support<br>059665<br>Arc puller premium<br>065161<br>+ Cable support<br>052284 | Arc puller premium<br>065161                           |
|  |                                   |   |  |
| Cable support<br>052284  |                                   | Cable support<br>052284   | Cable support<br>052284                                |

### INCLUDED ACCESSORIES

|   |                                |
|---|--------------------------------|
|   |                                |
| DENT 1600 WD<br>072169<br>Cable support<br>052284     | Alu Ring Box 1 mm<br>059412    |
|   |                                |
| Arc puller premium<br>065161                          | Alu Ring Box 1,5 mm<br>059429  |
|   |                                |
| Premium levelling bar 720 mm<br>059306                | Premium 2-teeth hook<br>059382 |
|   |                                |
| Alu hammers<br>020986                                 | Infrared Thermometer<br>052994 |
|   |                                |
| Hot air gun 650°C<br>066311                           | Hot air gun 650°C<br>066311    |
|   |                                |
| Set of pencil punches<br>with 6 teflon tips<br>052888 | 3 lifting rods<br>050792       |
|   |                                |
| Ring holder<br>059610                                 | Ring holder<br>059610          |
|   |                                |
| Stainless steel brush<br>044258                       | 4 m³ support<br>059665         |

# SPEEDLINER PREMIUM PRO



PRO 230, 400



EXPERT 200, 400  
+ ARCPULL 200, 350



COMBI ARCPULL



ARCPULL 200, 350



## STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)

## ALU + STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)



GYSPOT  
(guns & consumables included)

## ALU



GYSPOT  
(guns & consumables included)

|            |            |                          |                          |               |             |             |
|------------|------------|--------------------------|--------------------------|---------------|-------------|-------------|
| EXPERT 230 | EXPERT 400 | EXPERT 400 + ARCPULL 200 | EXPERT 400 + ARCPULL 350 | COMBI ARCPULL | ARCPULL 200 | ARCPULL 350 |
| 080201     | 080218     | 080232                   | 080249                   | 080225        | 080256      | 080263      |
|            |            | EXPERT 200 + ARCPULL 200 |                          |               |             |             |
|            |            | 080553                   |                          |               |             |             |

### INCLUDED ACCESSORIES

|  |  |
|--|--|
|  |  |
| Dent 1600 WD<br>072169                             | Premium Pro levelling bar 900 mm<br>071643                 |
|  |  |
| Ringmatic<br>052154                                | Manuspot<br>050679   |
|  |  |
| Manual pulling handle<br>057289                    | 3 lifting rods<br>050792<br>Dent box consumables<br>051515 |
|  |  |
| Premium Pro teeth hook<br>072671 + 072664 + 072640 | Magnetic earth<br>049666                                   |

### INCLUDED ACCESSORIES

|   |   |
|---|---|
|   |   |
| Dent 1600 WD<br>072169  | Alu Ring Box 1 mm<br>059412<br>Alu Ring Box 1.5 mm<br>059429  |
|   |   |
| Ring holder<br>059610   | 4 m³ support<br>059665  |
|   |   |
| Premium Pro levelling bar 900 mm<br>071643  | Arc Puller Premium Pro<br>072572                              |
|   |   |
| Set of pencil punches with 6 teflon tips<br>052888                                    | Infrared Thermometer<br>052994<br>Hot air gun 650°C<br>066311 |
|   |   |
| Alu hammers<br>020986   | Stainless steel brush<br>044258                               |
|   |   |
| Cable support<br>052284<br>4 m³ support<br>059665<br>Arc Puller Premium Pro<br>072572 | 3 lifting rods<br>050792                                      |
|   |   |
| Ring holder<br>059610<br>Alu Ring Box 1.5 mm<br>059429                                |   |



# DENTSTATION STANDARD



39.02, 39.04    PRO 230, 400    EXPERT 200, 230, 400    COMBI 230 E.PRO    ARCPULL 200 + PRO 230, 400    ARCPULL 200 + EXPERT 200, 230, 400

## STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)

## ALU + STEEL / ACIER / STAHL



GYSPOT  
(guns & consumables included)

GYSPOT  
(guns & consumables included)

|        |         |            |                 |                       |                          |
|--------|---------|------------|-----------------|-----------------------|--------------------------|
| 39.02  | PRO 230 | EXPERT 200 | COMBI 230 E PRO | ARCPULL 200 + PRO 230 | ARCPULL 200 + EXPERT 200 |
| 078161 | 078208  | 078321     | 078529          | 078222                | 078338                   |
| 39.04  | PRO 400 | EXPERT 230 |                 | ARCPULL 200 + PRO 400 | ARCPULL 200 + EXPERT 230 |
| 078185 | 078260  | 078369     |                 | 078284                | 078384                   |
|        |         | EXPERT 400 |                 |                       | ARCPULL 200 + EXPERT 400 |
|        |         | 078444     |                 |                       | 078468                   |

### INCLUDED ACCESSORIES

|   |   |  |  |
|---|---|--|--|
| <p>Dentstation Pro WD<br/>072800<br/>Fixing kit<br/>051362</p>        | <p>Double pads<br/>050723</p>                             | <p>Levelling bar 850 mm<br/>050693</p> | <p>Scissoring bar<br/>050716</p>   |
| <p>Magnetic earth<br/>049666</p>                                      | <p>Multihook heads<br/>049758<br/>+049734<br/>+049741</p> | <p>Levelling lever<br/>050686</p>      | <p>Strengthened bar 1200 mm<br/>051171<br/>Extensions (x2)<br/>052451</p>                    |
| <p>Fast pulling rings (x5)<br/>058712<br/>+ Alu puller<br/>051003</p> | <p>Cable support<br/>052284</p>                           | <p>Arc puller premium<br/>065161</p>   | <p>Cable support<br/>052284<br/>+ 4 m³ support<br/>059665<br/>+ Flanges (x 2)<br/>062146</p> |

# DENTSTATION PREMIUM



PRO 230, 400



EXPERT 200, 230, 400



COMBI 230 E.PRO  
COMBI ARCPULL



ARCPULL 200  
+ PRO 230, 400



ARCPULL 200  
+ EXPERT 200, 230, 400

★ ★ ★ ★  
COMPLETE  
SYSTEM

## STEEL / ACIER / STAHL



GYS SPOT  
(guns & consumables included)

## ALU + STEEL / ACIER / STAHL

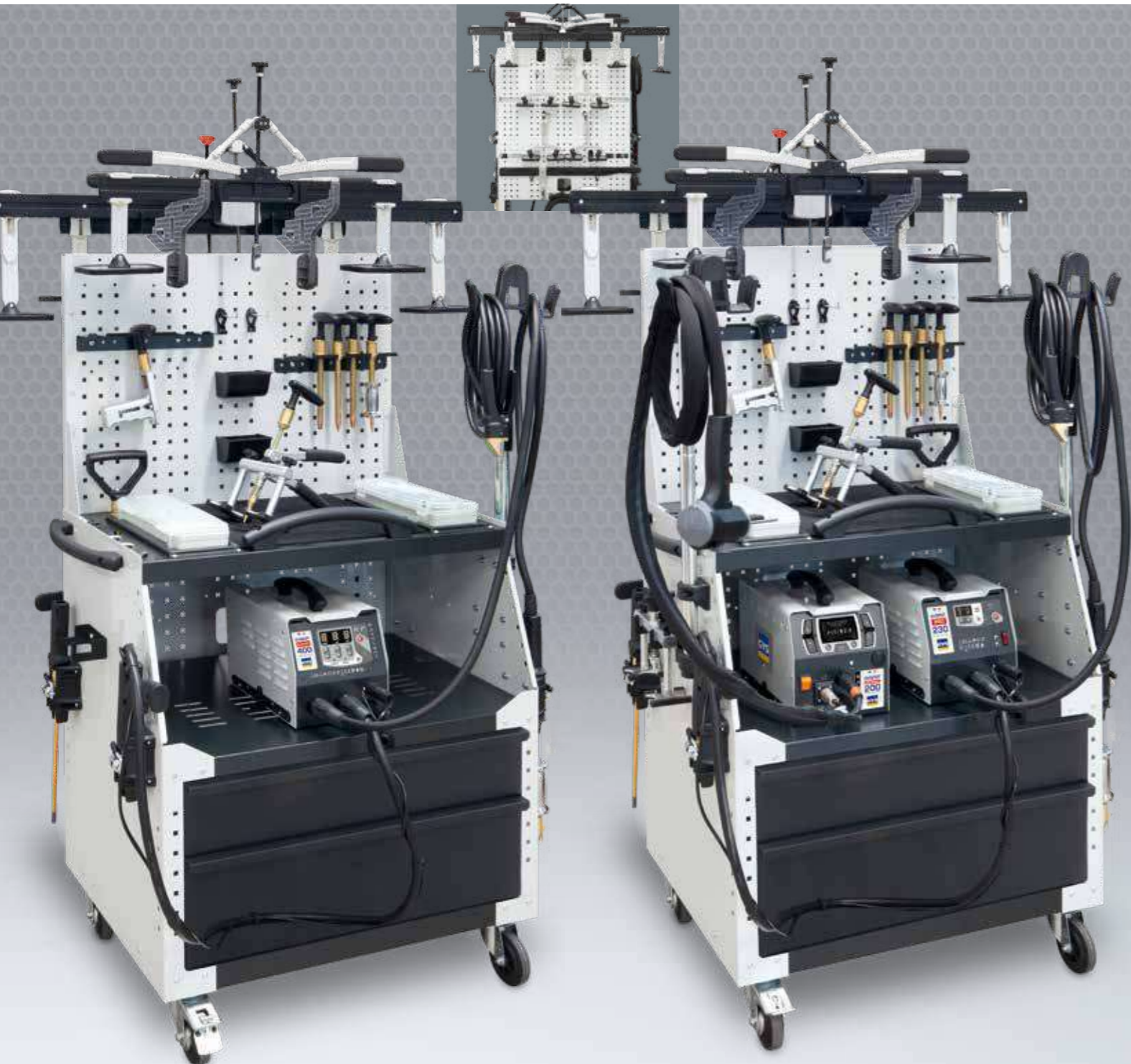


GYS SPOT  
(guns & consumables included)



GYS SPOT  
(guns & consumables included)

|                          |                             |                                  |                                |  |   |
|--------------------------|-----------------------------|----------------------------------|--------------------------------|--|---|
| <b>PRO 230</b><br>078239 | <b>EXPERT 200</b><br>078345 | <b>COMBI 230 E PRO</b><br>078543 | <b>COMBI ARCPULL</b><br>078567 | <b>ARCPULL 200 + PRO 230</b><br>078253 | <b>ARCPULL 200 + EXPERT 200</b><br>078352 |
| <b>PRO 400</b><br>078291 | <b>EXPERT 230</b><br>078406 |                                  |                                | <b>ARCPULL 200 + PRO 400</b><br>078314 | <b>ARCPULL 200 + EXPERT 230</b><br>078420 |
|                          | <b>EXPERT 400</b><br>078482 |                                  |                                |  | <b>ARCPULL 200 + EXPERT 400</b><br>078505 |



## INCLUDED ACCESSORIES

|                                      |   |        |        |
|--------------------------------------|---|--------|--------|
| x6<br>072800<br>Fixing kit<br>051362 | x2<br>050679                            | 059306 | 059290 |
| 049734<br>+ 059658<br>+ 059382       | 059351<br>+ 059375                      | 058996 | 059313 |
| 049666                               | 051515<br>050792<br>Empty box 320x113mm | 057285 | 052154 |

|                            |                                      |        |                                      |
|----------------------------|--------------------------------------|--------|--------------------------------------|
| 058712<br>051003<br>052284 | 052284<br>059665<br>062146<br>065161 | 065161 | 052284<br>059665<br>062146<br>065161 |
|----------------------------|--------------------------------------|--------|--------------------------------------|

# DENTSTATION PREMIUM PRO



EXPERT 230, 400



COMBI ARCPULL



EXPERT 400  
+ ARCPULL 200, 350



ARCPULL 200, 350

## STEEL / ACIER / STAHL



1 BOX GYSPOT (guns & consumables included)

## ALU + STEEL / ACIER / STAHL



1 BOX GYSPOT (guns & consumables included)

## ALU



1 BOX GYSPOT (guns & consumables included)

|            |            |                          |                          |               |             |             |
|------------|------------|--------------------------|--------------------------|---------------|-------------|-------------|
| EXPERT 230 | EXPERT 400 | EXPERT 400 + ARCPULL 200 | EXPERT 400 + ARCPULL 350 | COMBI ARCPULL | ARCPULL 200 | ARCPULL 350 |
| 080133     | 080140     | 080164                   | 080171                   | 080157        | 080461      | 080478      |

### INCLUDED ACCESSORIES



1 BOX Dentstation Pro WD 072800



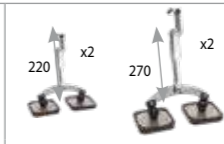
Premium pro levelling bar 900mm 071643



Premium pro levelling lever 072619  
Premium pro bar 1184 mm 072626



Manuspot 050679



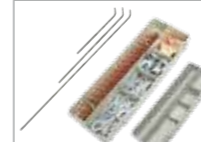
x2 220 x2 270  
(x2) 059375 + (x2) 072688



072664 + 072671 + 072640 + 072657



071650 + 072312  
Double padded feet 270 mm 072688



Dent box consumables 051515  
3 lifting rods 050792  
Empty box 320x113mm



Magnetic earth 049666  
Ringmatic 052154  
Manual pulling handle 057289

1 BOX STEEL ACCESSORIES PACK V2 080126



Cable support 052284



4 m³ support 059665



Arc Puller Premium Pro 072572

1 BOX ALU ACCESSORIES PACK 073838



Ring holder 059610  
Alu Ring Box 1,5 mm 059429

### INCLUDED ACCESSORIES



1 BOX Dentstation Pro WD 072800



Premium pro levelling bar 900mm 071643 (x2) 059375



072664 + 072640 + 071650



Alu Ring Box 1 mm 059412  
Alu Ring Box 1,5 mm 059429



Alu hammers 020986



Arc Puller Premium Pro 072572



Set of pencil punches with 6 teflon tips 052888



3 lifting rods 050792  
Ring holder 059610

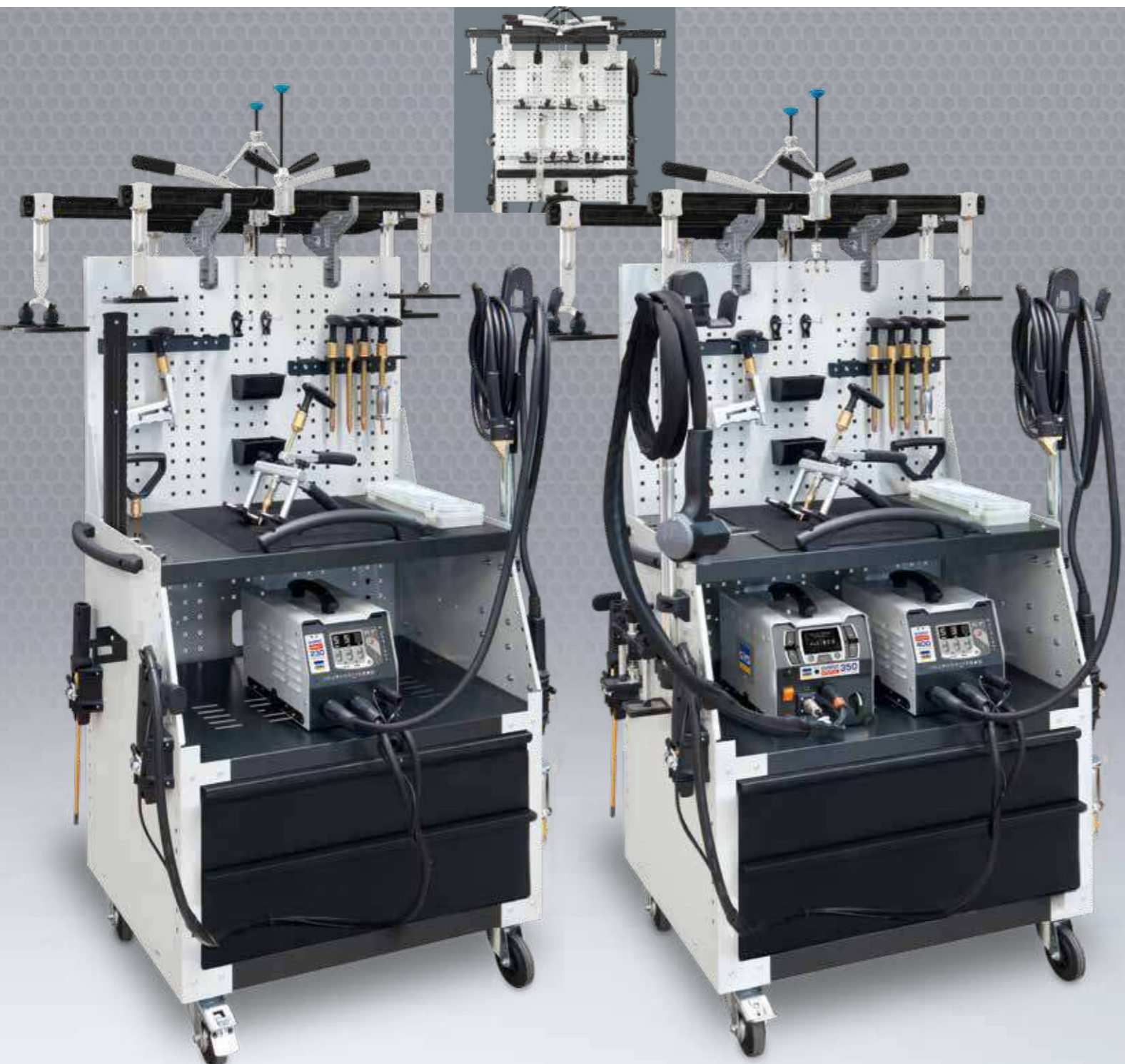


Stainless steel brush 044258  
Infrared Thermometer 052994  
Hot air gun 650°C 06631



4 m³ support 059665

1 BOX ARCPULL ACCESSORIES PACK 080485





# PULLING SYSTEMS



|                     |    |
|---------------------|----|
| AIRFIX DRAW ALIGNER | 39 |
| DRAW ALIGNER        | 40 |
| FRAME STRAIGHTENING | 42 |



## DRAW ALIGNER

### AIRFIX DRAW ALIGNER

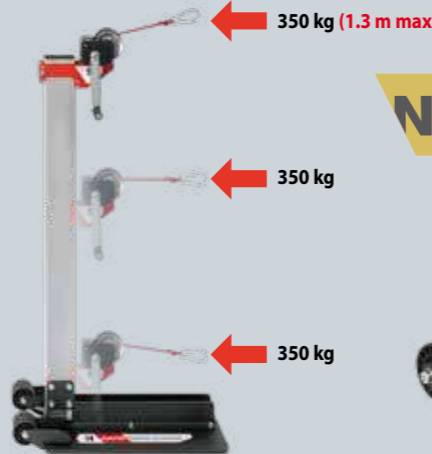
Air 5-8 bars

077379

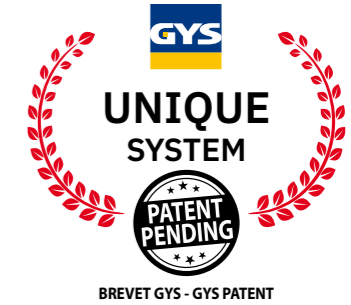


### 350 kg Uniform pulling force

Force de tirage uniforme  
Gleichmäßige Zugkraft  
Forza di spinta uniforme



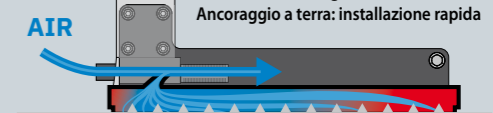
**NEW**



- Designed for
- ★ Time saving
  - ★ Maximum grip
  - ★ Durability

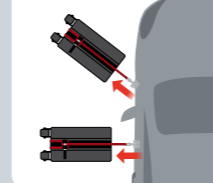
### Ground anchor by suction Fast installation

Ancrage au sol par aspiration :  
installation rapide  
Verankerung durch Vakuumbildung -  
schnell einsatzfähig  
Ancoraggio a terra: installazione rapida



### Precision

All directions



### Down-pulling

Rocker panel  
- Bas de caisse  
- Schweller  
- Sottoporta



4 pads

### Seal protection Perfect stability

4 patins : protection du joint, stabilité parfaite  
4 Pads: Dichtungsschutz, perfekte Stabilität  
4 piedini: protezione sigillata, perfetta stabilità



Seal - Joint - Rahmen - Guarnizione

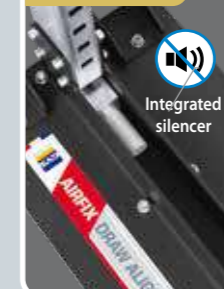
### Quick & easy set up



Compact  
& light  
31 kg

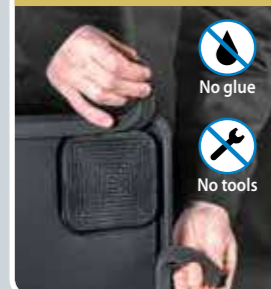
No tools

### Low noise



Integrated  
silencer

### Smart maintenance



No glue

No tools



Pads - Patins  
(x2)  
069008

Plate seal  
- Joint de  
plaque  
079571

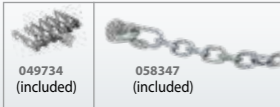
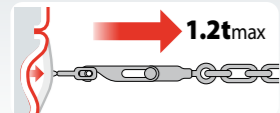
# PULLING SYSTEMS



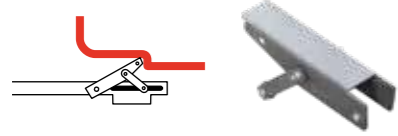
Youtube

**DRAW ALIGNER**

Draw ligner - Équerre de tirage - Schnellausbeul-Richtausleger 052475

**INCLUDED**

Wedge for rocker panel - Caille pour bas de caisse

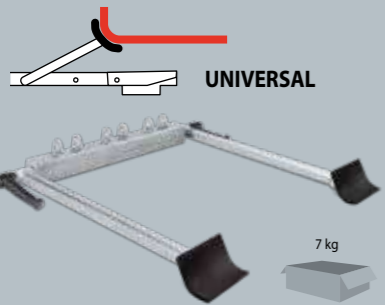


Pads kit for rocker panel - Kit patins pour bas de caisse

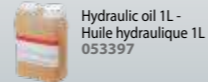
**OPTIONS**

Rocker panel arms for draw aligner - Bras de bas de caisse - Abstütztraverse für Richtausleger

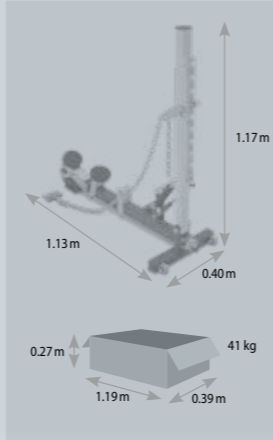
052581

**UNIVERSAL**

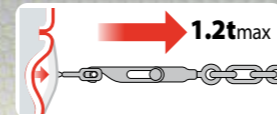
7 kg

**OPTIONS**

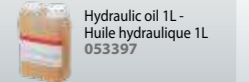
Hydraulic oil 1L - Huile hydraulique 1L 053397

**DRAW ALIGNER PRO**

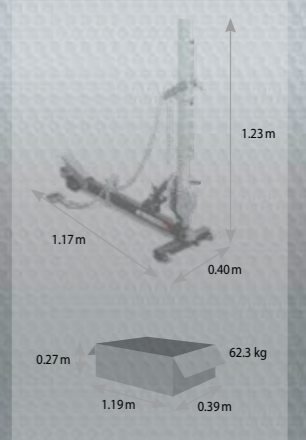
069244



049734 (included) 058347 (included)

**OPTIONS**

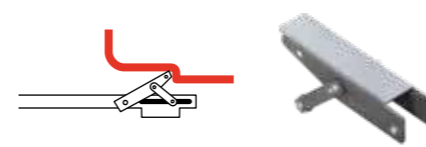
Hydraulic oil 1L - Huile hydraulique 1L 053397



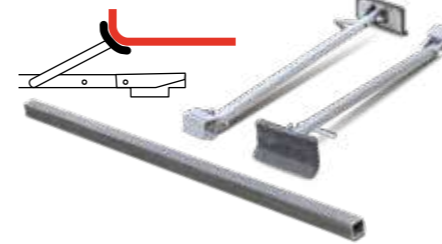
Youtube

**INCLUDED**Plate under the wheel - Caille sous roue 076693  
Compatible with Draw Aligner & Draw Aligner Pro

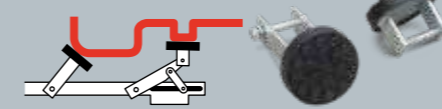
Wedge for rocker panel - Caille pour bas de caisse



Rocker panel arms and stabilisation bar - Kit bras de bas de caisse et barre de stabilisation

**OPTIONS**

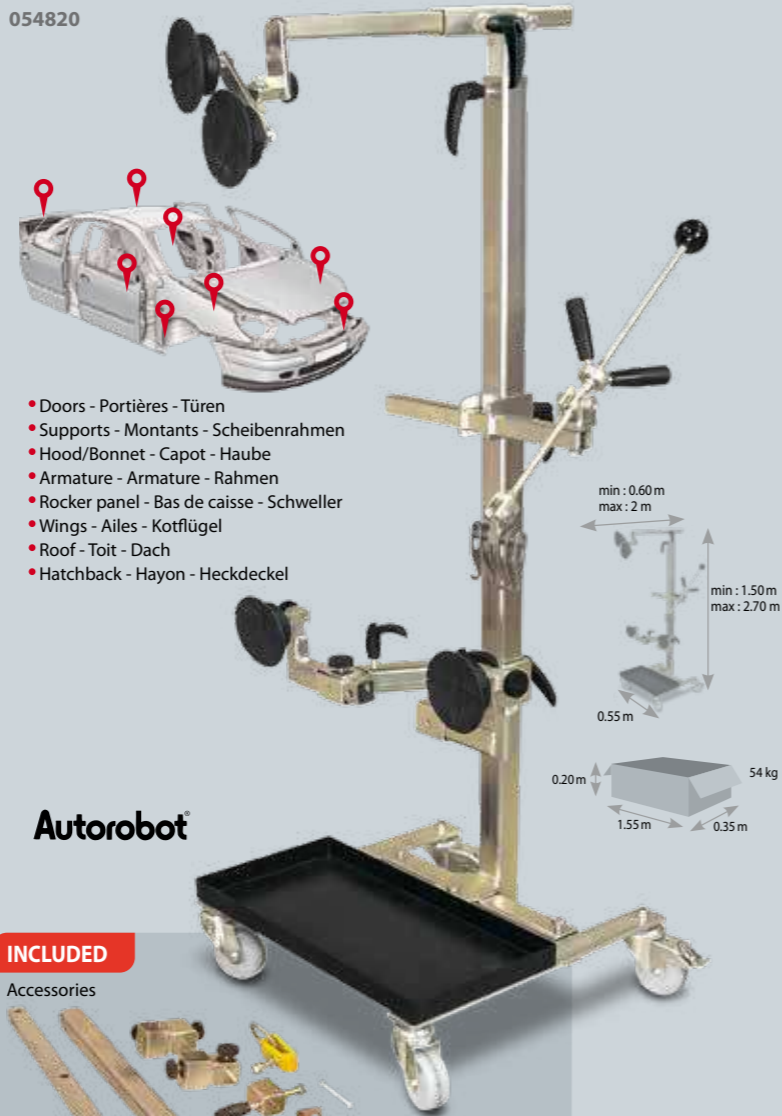
Pads kit for rocker panel - Kit patins pour bas de caisse 071278



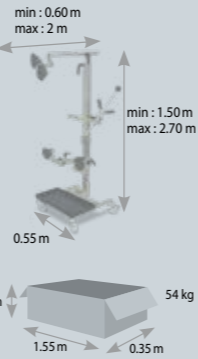
**SMART PULLER SILVER PULLING SYSTEM**

- Système de tirage Smart puller silver - Schnellausbeul-Richtausleger Smart puller silver

054820



- Doors - Portières - Türen
- Supports - Montants - Scheibenrahmen
- Hood/Bonnet - Capot - Haube
- Armature - Armature - Rahmen
- Rocker panel - Bas de caisse - Schweller
- Wings - Ailes - Kotflügel
- Roof - Toit - Dach
- Hatchback - Hayon - Heckdeckel



**Autorobot**

**INCLUDED**

Accessories



**HYDRAULIC CYLINDER KIT - Coffret vérin hydraulique - Hydraulischer Drucksatz**

MADE IN CHINA

**BASIC 4T**  
052345



**BASIC 10T**  
052338



**PRO 4T**  
057432



**PRO 10T**  
057449



**OPTIONS**



Hydraulic oil 1L -  
Huile hydraulique 1L  
053397

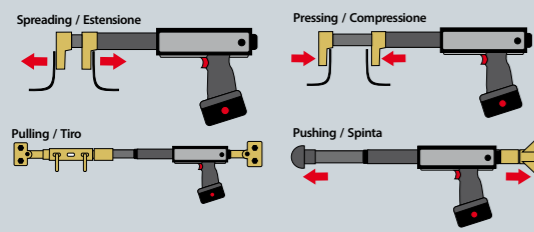
**ANCHOR BAR - Barre d'ancrage - Türspanner**

MADE IN TAIWAN

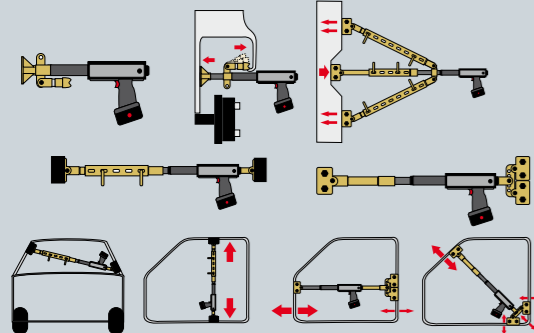
053045



053052



Applications / Applicazioni

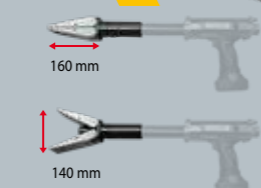


**ELECTRO POWER - Zug-Druckpresse**

Non commercialisable en France

**OPTION**

Pince écarteur  
079496



**INCLUDED**  
Standard kit :  
425x620x210 mm  
Standard kit  
Total weight: 18 kg  
057401



with accessories :  
057425

-PULLING POWER: 5 Ton.  
-PUSHING POWER: 5 Ton.  
-PISTON  
-STROKE: 130 mm



MADE IN ITALIA

**INCLUDED**  
Accessories kit :  
425x620x150 mm  
Accessories kit  
Total weight: 20 kg  
057418



Li-Ion battery (included)  
058514

**MEASURING TOOLS - Mesures - Vermessung**

BODYMETER, Mechanical measurements

052130

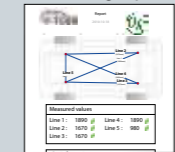
250 > 2230 mm



GYSMETER, Electronic measurements

052093

Measuring report

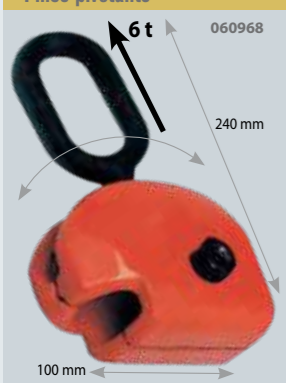


Light weight  
measuring arm  
with an easy to read  
digital display

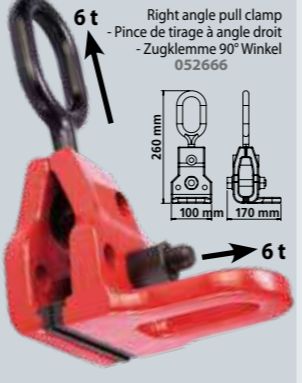
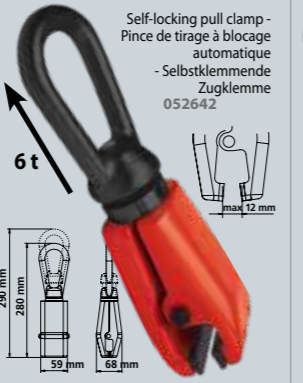
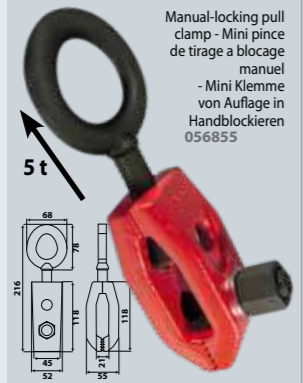


400 > 2650 mm

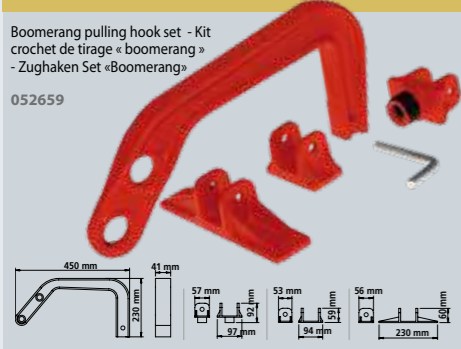
**SWIVEL CLAMP**  
- Pince pivotante



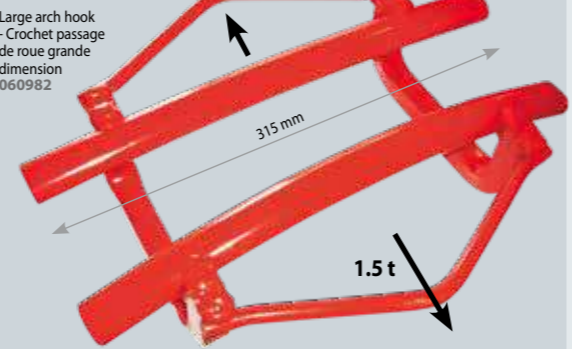
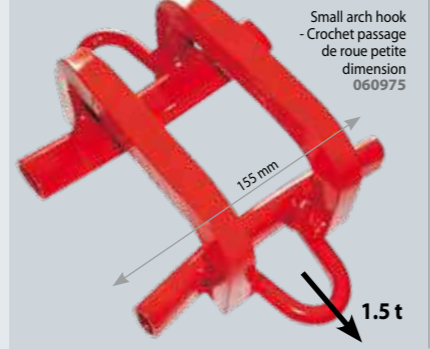
**PULL CLAMPS** - Pincas de tirage - Ziehwerkzeuge



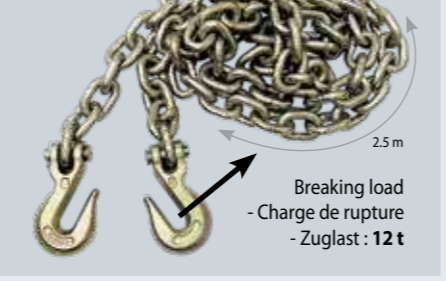
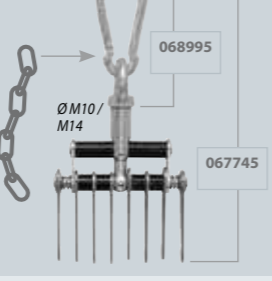
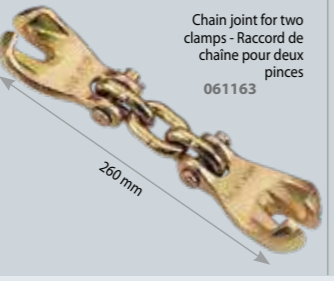
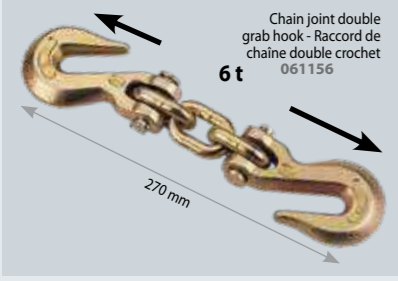
**PULL HOOK** - Crochet de tirage - Ziehwerkzeuge



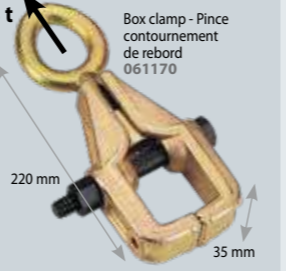
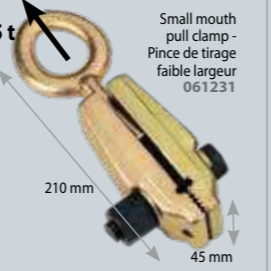
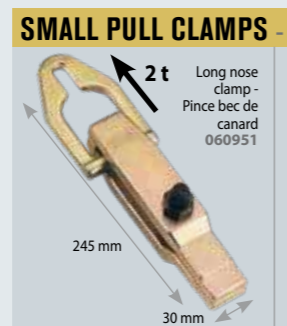
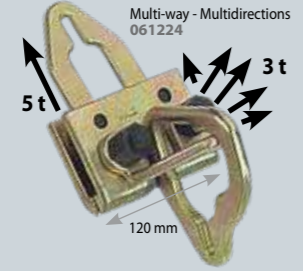
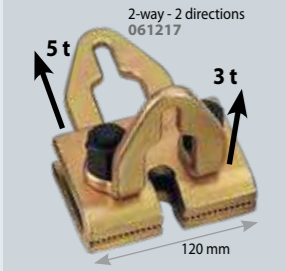
**ARCH HOOKS** - Passage de roue



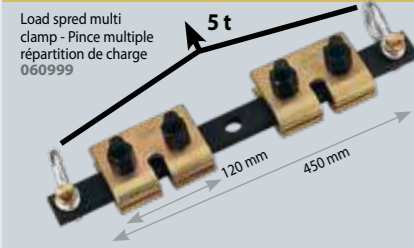
**PULLING CHAIN** - Chaînes de tirage - Ziehwerkzeuge



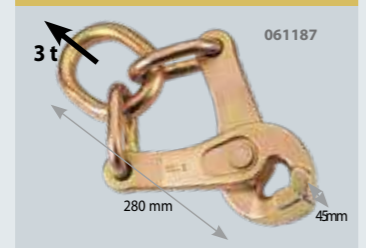
**WIDE PULL CLAMPS** - Pincas de tirage larges



**MULTIPLE PULL CLAMP**  
- Pince de tirage multiple



**45 MM SCISSORS CLAMP**  
- Pince ciseaux largeur 45 mm



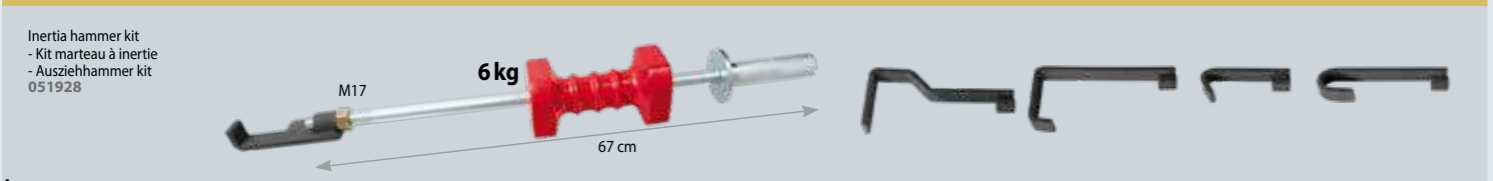
**90 DEGREE CORNER CLAMP**  
- Pince de tirage pour angle 90°



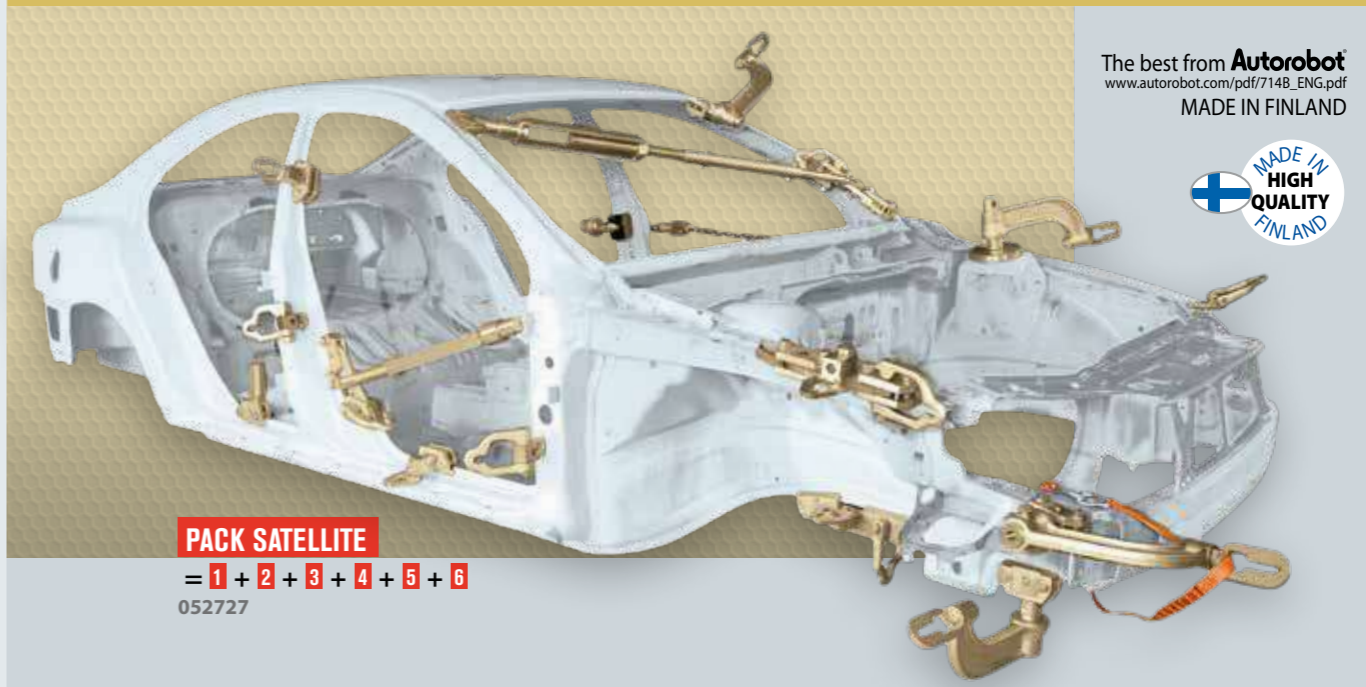
**C TYPE CLAMP**  
- Pince de tirage type C



**INERTIA HAMMER KIT** - Kit marteau à inertie - Ausziehhammer kit



**SMART SATELLITE** - Satellite intelligent - Satellite Komplett-Kit



The best from **Autorobot**  
www.autorobot.com/pdf/7148\_ENG.pdf  
MADE IN FINLAND

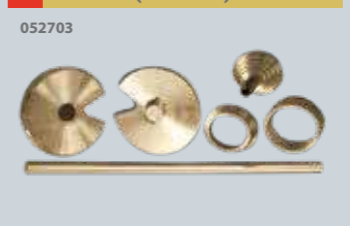


**PACK SATELLITE**  
= 1 + 2 + 3 + 4 + 5 + 6  
052727

**1 SATELLITE**  
- Satellite - Satellite Basisbügel-Set



**2 KIT MAC PHERSON (A)**  
- Mac Pherson Kit - Befestigungs-Kit-Federbein (McPherson)



**3 BARRE POUR TIRER/POUSSER**  
- Push/Pull Bar - Zug/Druck-Stangenset



**4 SATELLITE (B)**  
- Bügelverlängerung



**5 SANGLE DE SÉCURITÉ**  
- Safety Strap - Sicherungsgurt



**6 DOUBLE PINCE SATELLITE (C)**  
- Double Clamp Satellite - Satellite Doppelklemme

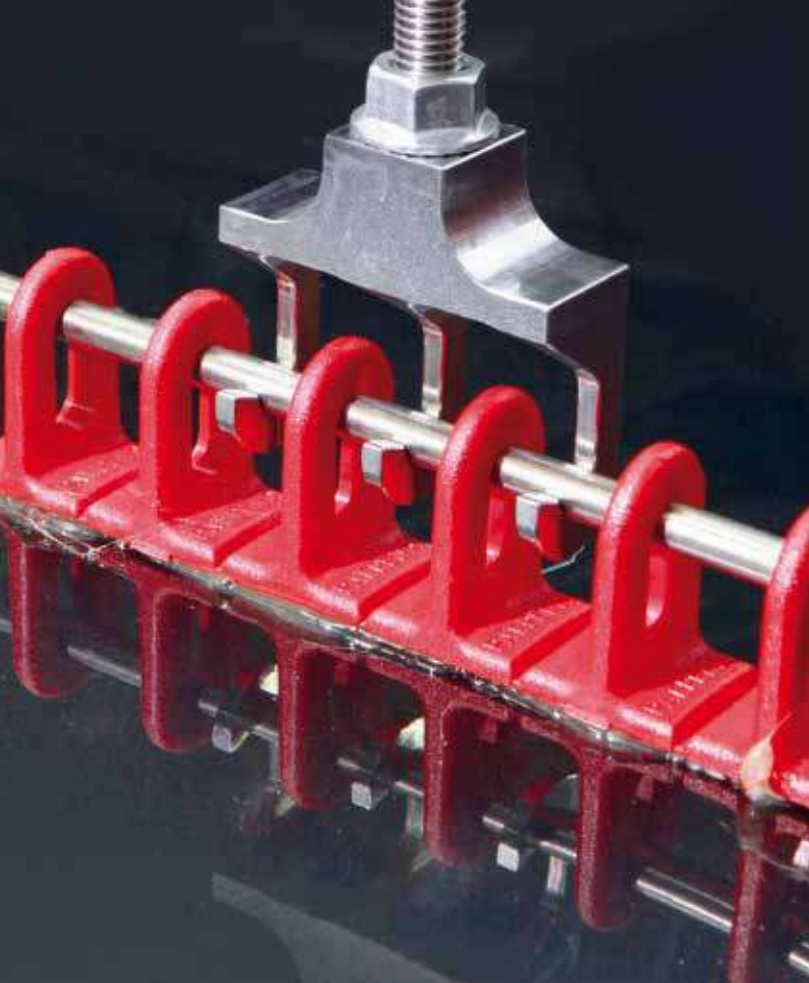


**PINCE DE TIRAGE MULTI-USAGE**  
- Versatile pulling clamp - Multifunktions-Zugklemme



**POWER-PULLER 4T**





# PAINTLESS DENT REPAIR

## DENT PULLING INDUCTOR

- Inducteur débosselage - Dellenmatrix

GYS  
DUCTION  
AUTO + Dent pulling  
inductor  
054776

= GYS  
DUCTION AUTO  
DENT REPAIR  
054981



Youtube



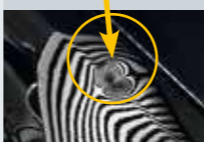
Licensed by  
BETAG.Innovation

| ⚡        | AM | ⚡     | Freq.  | INTEGRATED TECHNOLOGY | ❄️ | Cable (m)      | 📦        | ⚙️                 |
|----------|----|-------|--------|-----------------------|----|----------------|----------|--------------------|
| 50 Hz    | A  | W     | kHz    | PFC                   | FV | Liquid Cooling | Inductor | LxWxH cm / kg      |
| 230V, 1~ | 16 | 2 400 | 35+120 | ▪                     | ▪  | —              | 2 2.5    | 52 x 30 x 37 / 9.4 |
|          |    |       |        |                       |    |                |          | 37 x 21 x 37 / 7.5 |

## DENT PULLING INDUCTOR

- Inspection carrosserie  
- Ausbeul Induktor

Planche flexible pour inspection  
de la carrosserie - Ausbeul-  
Matrix  
Ø 800 mm  
059122



OPTION  
Freezer spray  
- Spray refroidisseur  
-50 °C  
400 ml  
(x 12)  
048898

## PAINTLESS DENT REPAIR MAGNETIC KIT

- Kit magnétique de débosselage sans peinture  
- Magnetisches Ausbeul-Kit

053168

EXELTOOLS



1010 mm - 40"

705 mm - 28"

610 mm - 24"

510 mm - 20"

## PAINTLESS DENT REPAIR LAMPS

- Lampes de débosselage  
- Ausbeullampe

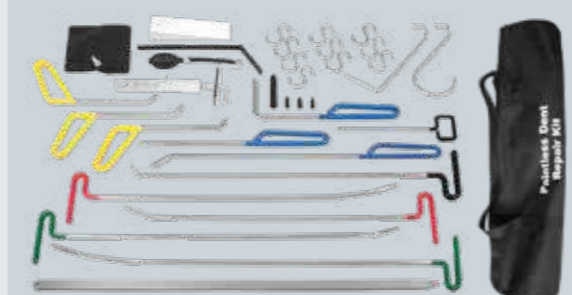
ULTRA LIGHT CARBON X40 PW  
053175

EXELTOOLS



## DENT PULLING KIT (PAINTLESS)

- Kit débosselage sans peinture - Dellenausbeulhebel-Set



33  
parts

051959

## SET OF 6 PENCIL PUNCHES

- Kit de 6 coins de frappe - Beulenstemmer-Satz mit 6 Tefloneinsätzen

052888



MADE IN FRANCE

## PNEUMATIC INERTIA HAMMER

- Marteau inertie pneumatique - Unterdruck-Schlaghammer

2.5 kg



Ø 60 (x1)

Ø 120 (x1)

Ø 150 (x1)

051904

## AIR CUSHION KIT

- Kit coussins gonflables - Luftpolster-Spreizkissen-Satz



051942

## PUMP AIR SUCTION SLIDE HAMMER

- Marteau à inertie à ventouses (pompage manuel) - Man. Unterdruck-Schlaghammer

1,1kg



Ø 75 (x1)

Ø 100 (x1)

Ø 125 (x1)

048683

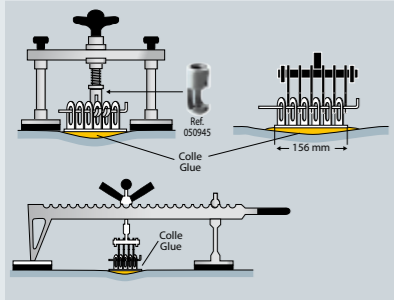
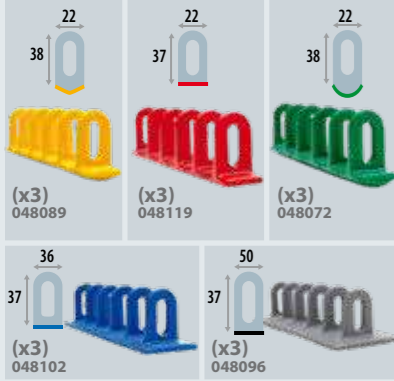




PDR: Paintless Dent Repair  
 - Débosselage rapide et sans peinture  
 - Lackschadenfreies Ausbeulen

# PAINTLESS DENT REPAIR

## BARRETTES ANNEAUX PLASTIQUE Plastic Multipads Ösen-Klebe pads



## GLUE PULLING KITS

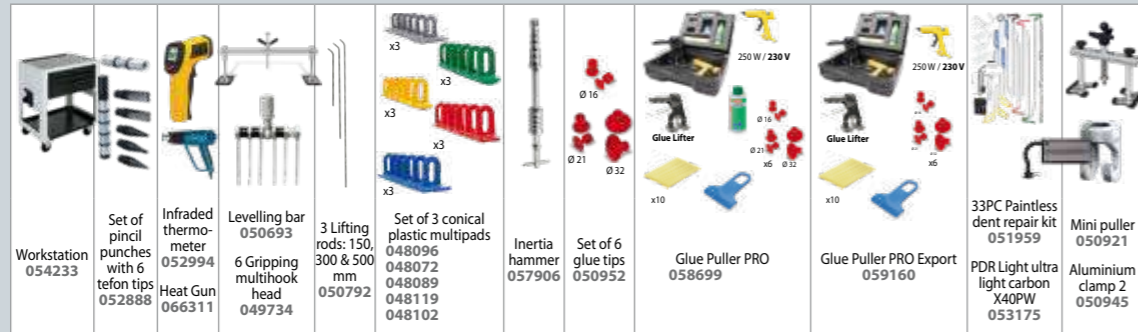
### GYSMART GLUE PULLING KIT

NEW



### GYSMART GLUE PULLING KIT PLUS

NEW

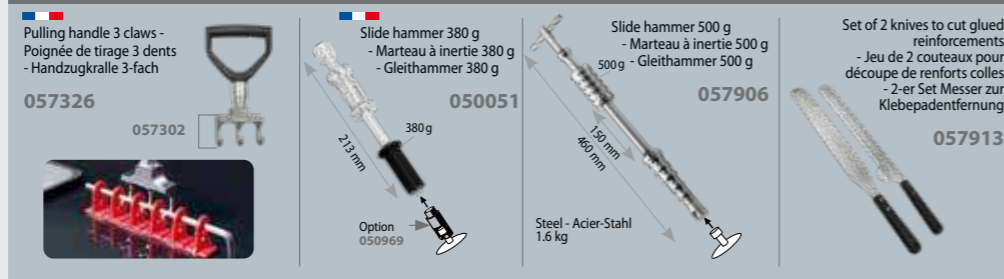


|   |  |   |   |   |   |  |  |  |  |  |   |  |  |  |   |
|---|--|---|---|---|---|--|--|--|--|--|---|--|--|--|---|
| GYSMART GLUE PULLING KIT 076051             |  | ✓ |   |   |   |  |  |  |  |  |   |  |  |  |   |
| GYSMART GLUE PULLING KIT EXPORT 076105      |  |   | ✓ |   |   |  |  |  |  |  | ✓ |  |  |  |   |
| GYSMART GLUE PULLING KIT PLUS 076082        |  |   |   | ✓ |   |  |  |  |  |  |   |  |  |  | ✓ |
| GYSMART GLUE PULLING KIT PLUS EXPORT 076129 |  |   |   |   | ✓ |  |  |  |  |  |   |  |  |  | ✓ |

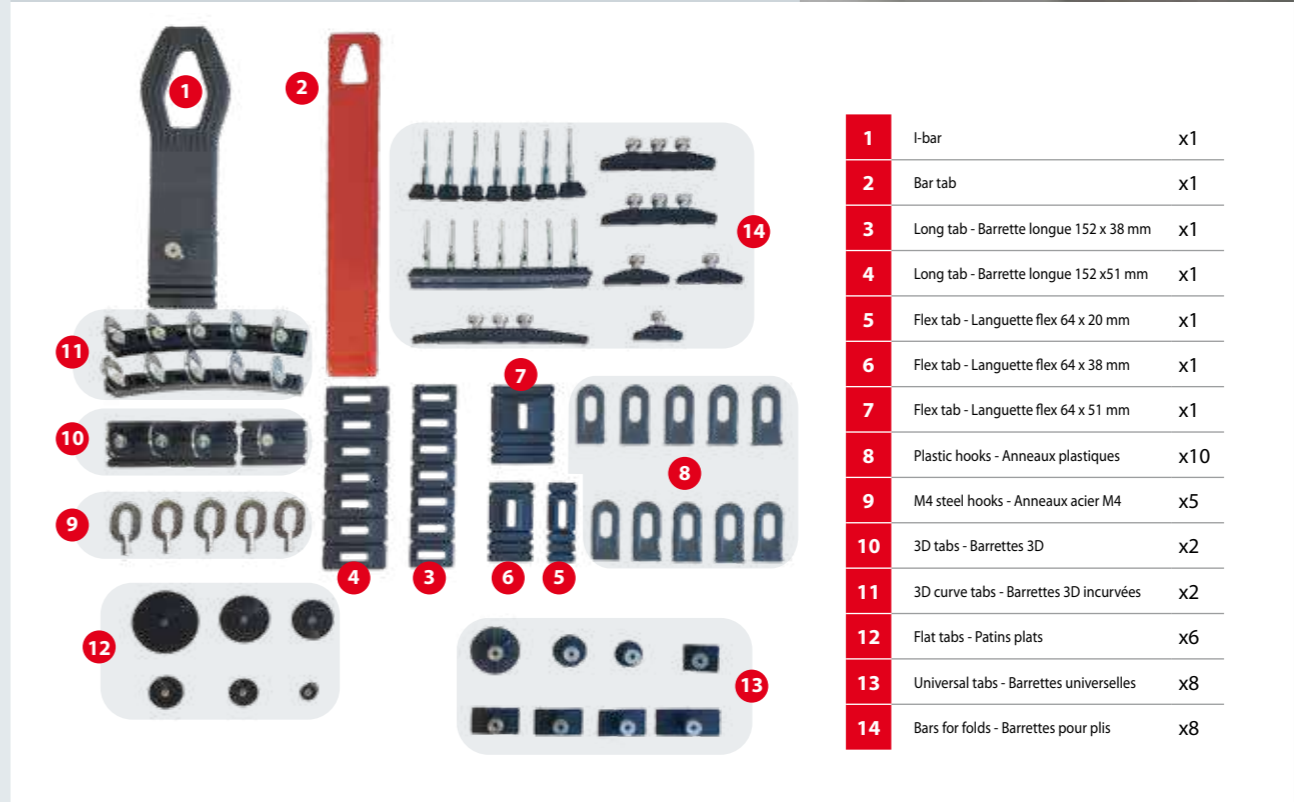
## GLUE PULLER PRO (Steel/Alu • Acier/Alu)



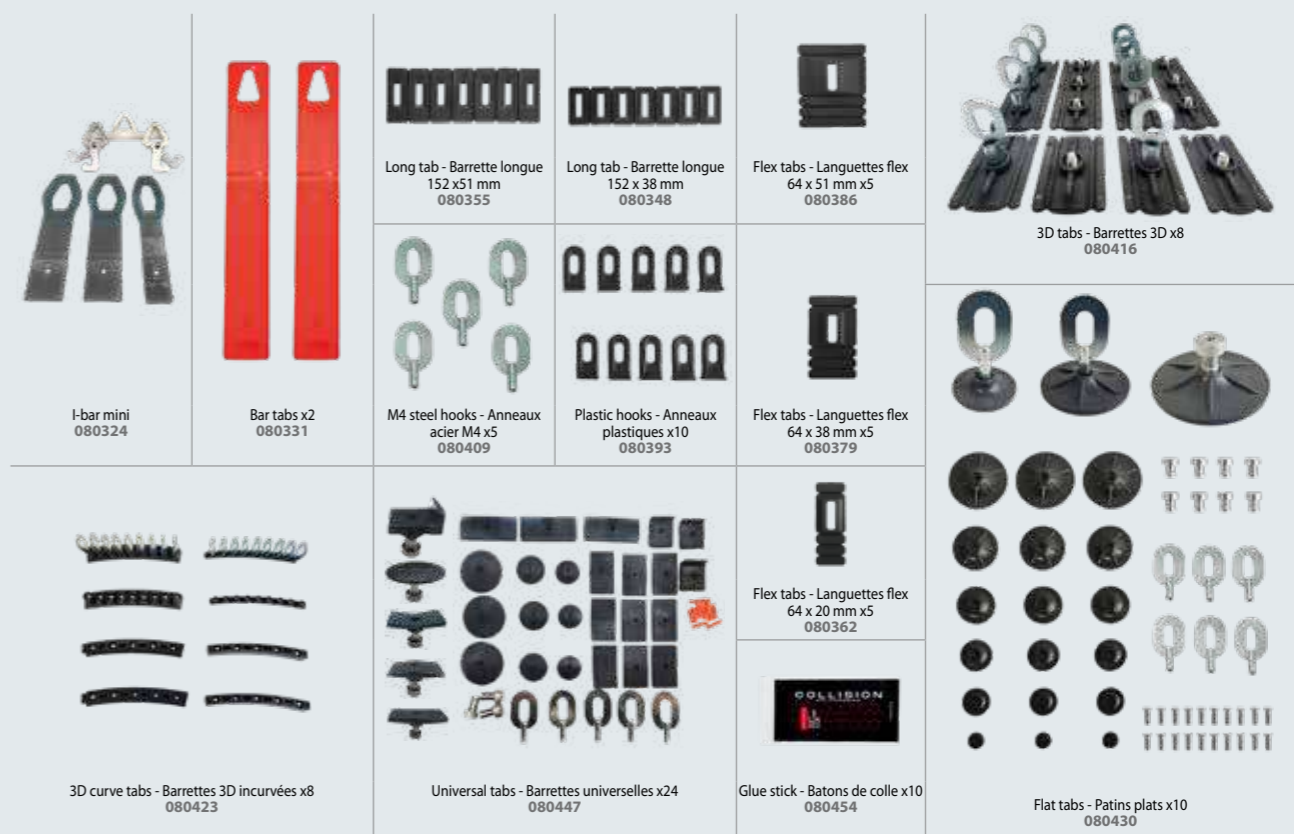
## OPTIONS



## PDR TECH KIT



## Options





# TRUCK TOOLS & MOBILE LIFTS

## TRUCK TOOLS

|                 |    |
|-----------------|----|
| TROLLEY IW1     | 51 |
| MULTITOOL TRUCK | 51 |

## CAR LIFTS

|                        |    |
|------------------------|----|
| SPOT LIFT              | 52 |
| ERGO LIFT / QUICK LIFT | 54 |
| AIR JACKS              | 55 |
| MANUAL WHEEL LIFT      | 55 |



TROLLEY IW1 / MULTITOOL TRUCK

# TRUCK TOOLS

**TROLLEY IW1**  
Impact wrench trolley -  
Support de clé à choc

max 6.5 bar

max 20 kg

063136

### OPTIONS

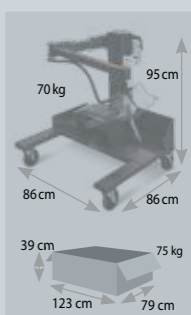
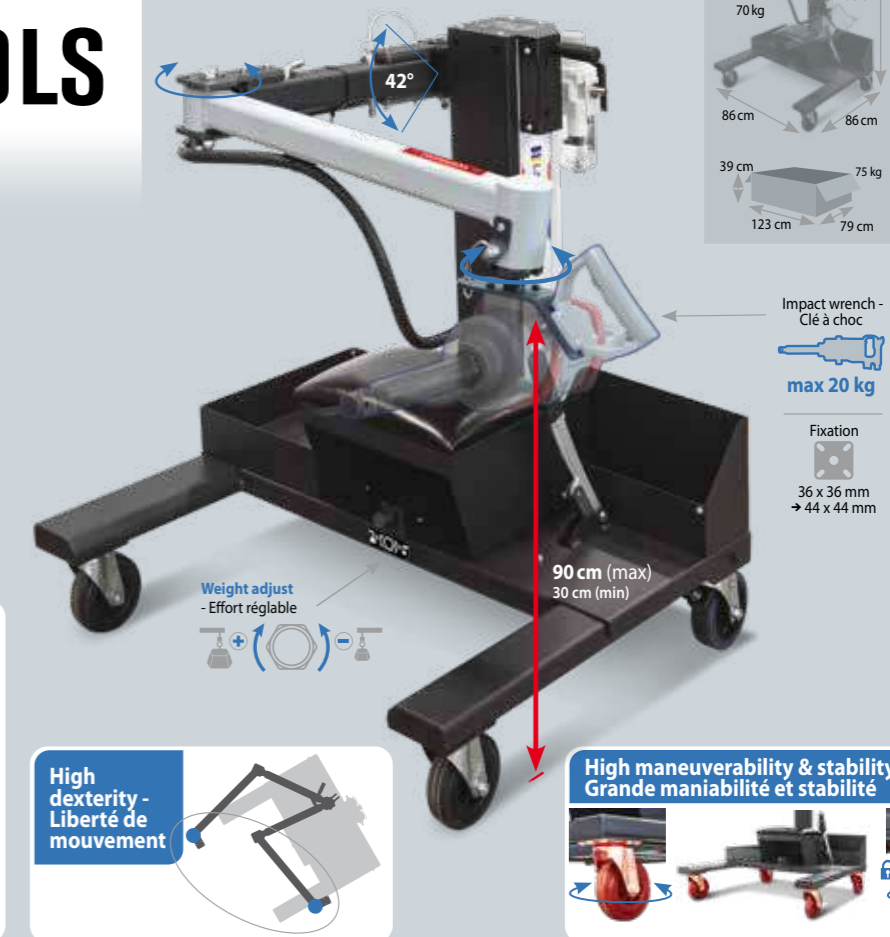


Huile hydraulique  
- Hydraulic oil  
1l  
053397

Weight, vibrations  
& torque suppression -  
Suppression du poids,  
des vibrations et du couple



Youtube



Impact wrench -  
Clé à choc

max 20 kg

Fixation  
36 x 36 mm  
→ 44 x 44 mm

Weight adjust  
- Effort réglable

High maneuverability & stability -  
Grande maniabilité et stabilité

High dexterity -  
Liberté de mouvement

## MULTITOOL TRUCK **NEW**

SAFE EN 14238 + A1

max 200 kg

067158

### INCLUDED



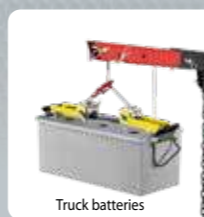
Lifting tool for brake caliper  
- Outil de levage pour étrier  
de frein - Hebewerkzeug für  
Bremssattel



Brake caliper



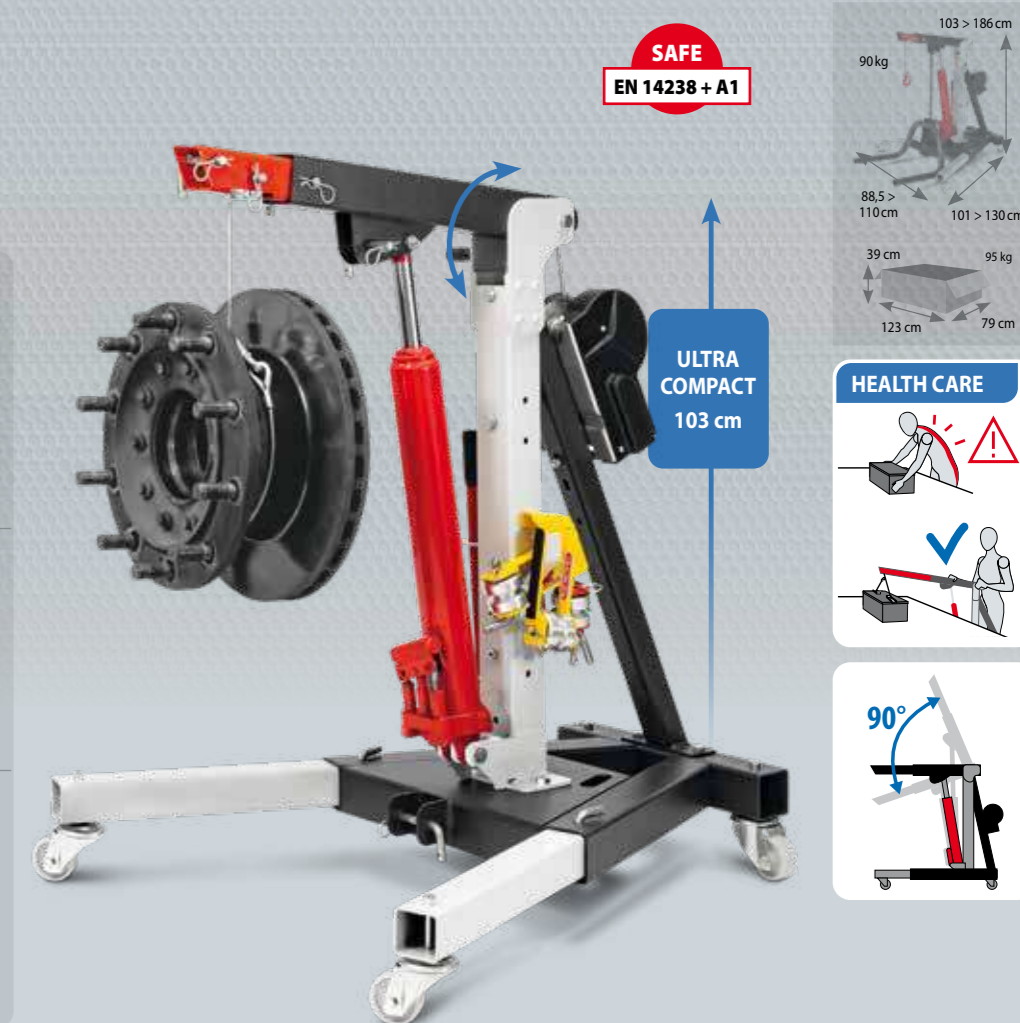
Lifting tool for battery -  
Outil de levage pour batterie  
- Hebewerkzeug für Batterie



Truck batteries

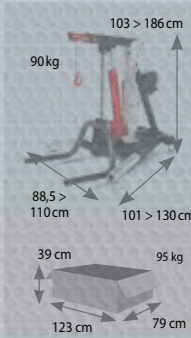


Lifting tool for wheels -  
Outil de levage pour roues  
- Hebewerkzeug für Räder

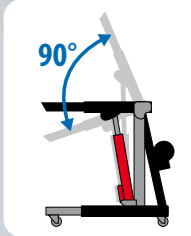


SAFE  
EN 14238 + A1

ULTRA  
COMPACT  
103 cm



### HEALTH CARE



51

TRUCK TOOLS



INVEST IN THE FUTURE



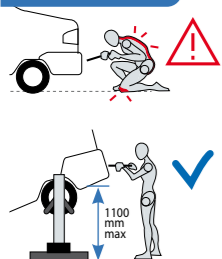
SPOT LIFT

# MOBILE LIFTS

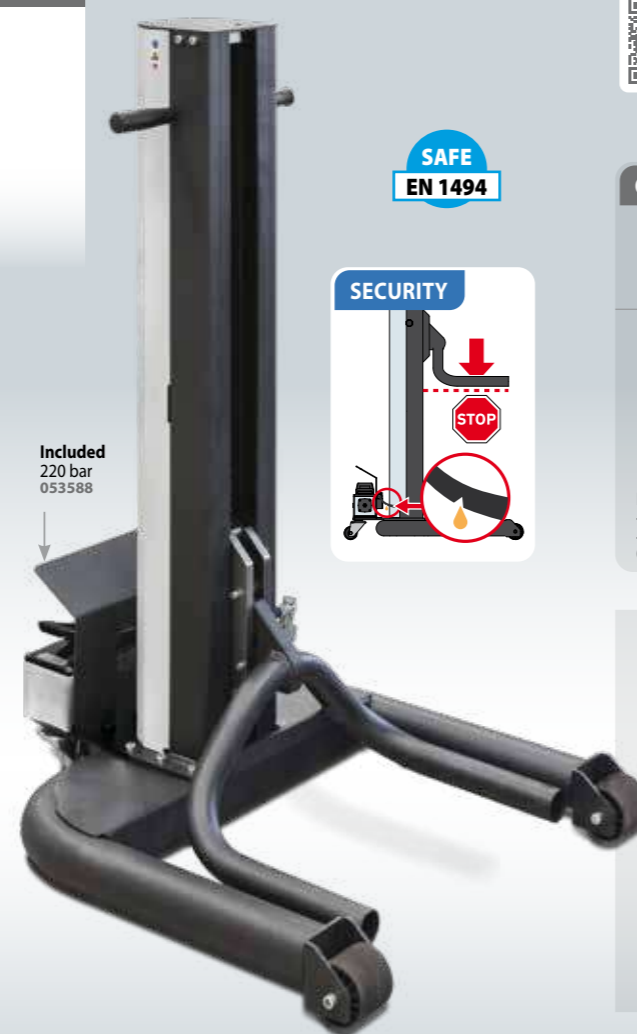
## SPOT LIFT EASY

max Air 8 bar **SAFE EN 1494**  
**max 2.2 t**

### HEALTH CARE



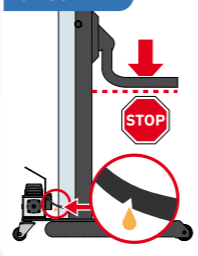
### High stability - Haute stabilité



Included 220 bar 053588

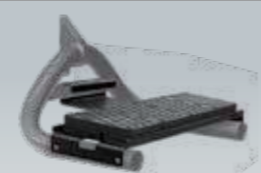
**SAFE EN 1494**

### SECURITY



### OPTIONS

Hydraulic oil 1L - Huile hydraulique 1L 053397



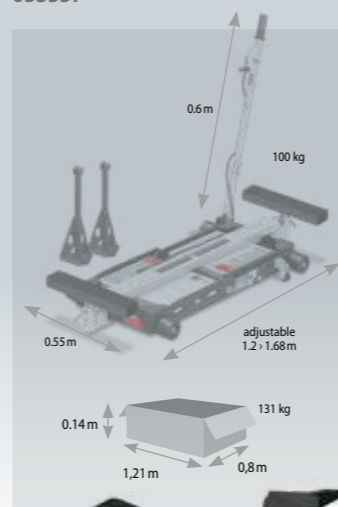
Rocker panel lifting tool - Outil de levage pour bas de caisse - Auflage für Seitenschweller 053236



## SPOT LIFT PRO

max Air 8 bar **SAFE EN 1494**  
**max 2.2 t**

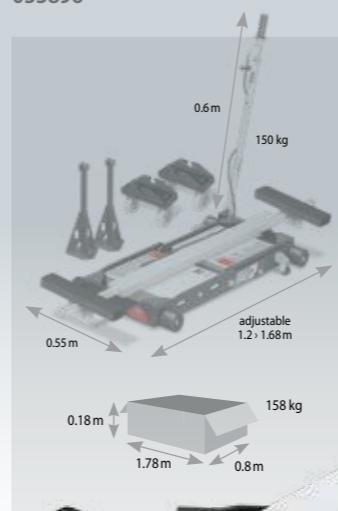
053557



## SPOT LIFT PRO MOB

max Air 8 bar **SAFE EN 1494**  
**max 2.2 t**

055896



**60 cm (max)**  
**14 cm (min)**



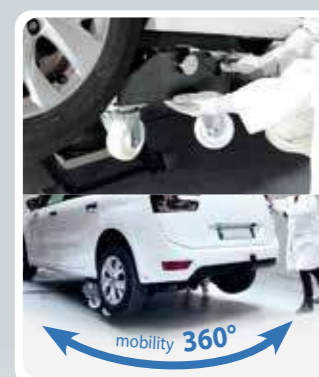
### OPTIONS

Height adjuster for 4x4 & utility vehicles - Réhausseur pour 4x4 et utilitaires - Erhöhung f. 4x4 und Leicht-LKW



Pads - Patins for Audi & BMW (x 2) 053717

Ramps - Ramps 700 x 200 x 80 mm (x 2) 056787



### OPTIONS

SPOT LIFT PRO MOB Réhausseur pour 4x4 et utilitaires - Height adjuster for 4x4 & utility vehicles - Erhöhung f. 4x4 und Leicht-LKW



Patins - Pads for Audi & BMW (x 2) 061606

Ramps - Ramps 700 x 200 x 80 mm (x 2) 056787

## AUTO ROLL

min 500 mm max 1700 mm (AUTOROLL 1.0m) max 2240 mm (AUTOROLL 1.55m)  
**2.5 t max**



**AUTO ROLL 1.0 m / 1.2 t** 059047

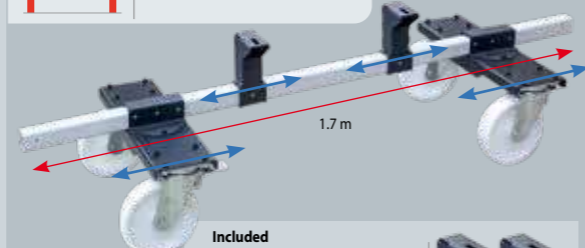


**AUTO ROLL 1.55 m / 1.2 t** 063839



## AFTER LIFT AUTO ROLL

1 2 **2.5 t max**



067967



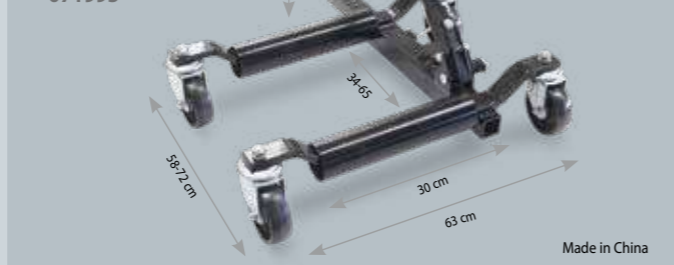
## WHEEL TROLLEYS - Tabourets de manutention - Radhocker

048768



## WHEEL TRUCKS - Chariots de manutention prise sous roue - Kfz-Montagelift, fahrbar

Chariots mécaniques (x 2) - Mechanic jacks (x2) 071995



Made in China



## ERGO LIFT 650

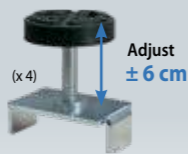
220 V, 1~ **SAFE EN 1493**

**max 2 t**

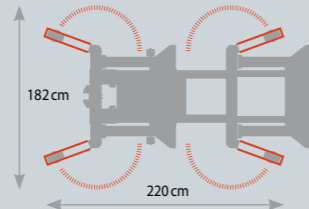
056817



Included Hydraulic oil 5 L - Huile hydraulique 5 L 062160



Adjust  $\pm 6$  cm



### EASY 360° - Déplacements sur 360°



### High stability - Haute stabilité



### Pack ERGO LIFT 650 + 4 Wheel trolleys (x4)

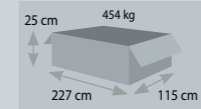


## ERGO LIFT 1000 ROLL

Air 7-8 bars **SAFE EN 1493**

**max 2.5 t**

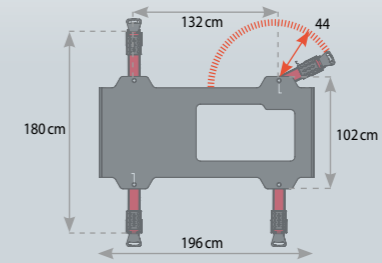
076792



**SAFE EN 1493**



**PATENT PENDING**  
Handle for adjusting the automatic locking support arms  
Poignée de positionnement des bras porteurs avec verrouillage automatique

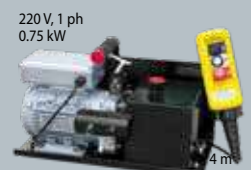


### Pack ERGO LIFT 1000 ROLL + wheels

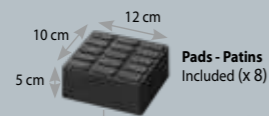
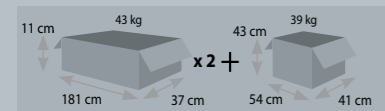


## QUICK LIFT L520E

062184



Included Hydraulic oil 5 L - Huile hydraulique 5 L 062160

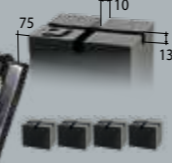


**SAFE EN 1493**

**2.5 t max**

### OPTIONS

x4 Patins à rainures 071933



Pads for SUV - Patins pour SUV x4 065017



Wall mount - Support mural 071926



46 cm (max)

Extensions 1680 mm x 2 066328



Made in China

## AIR JACKS



### AIR JACK VAN 2T

058330

2T max



### AIR JACK CAR 2T

058323

2T max

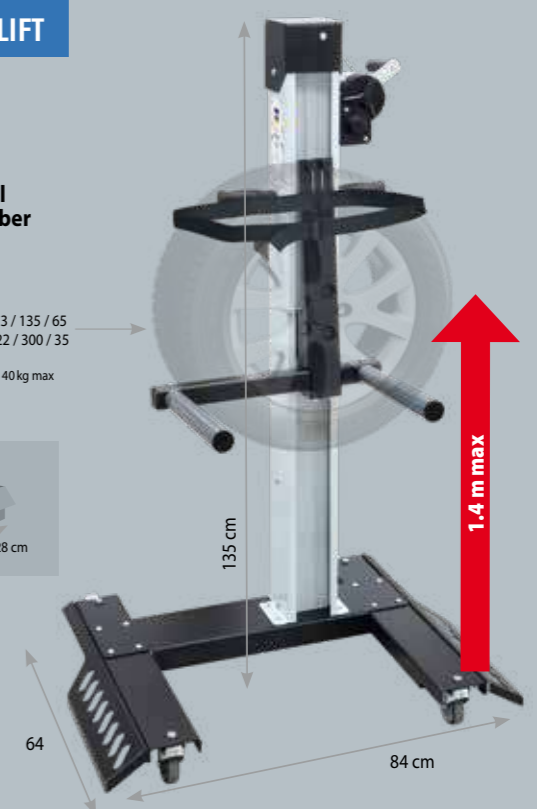
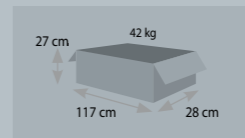


## MANUAL WHEEL LIFT

### Wheel lift trolley - Lève roue à treuil - Radmontage-Heber

061385

min: R13 / 135 / 65  
max: R22 / 300 / 35  
40 kg max





# SPOT WELDING

TECHNOLOGY 58

GVSPOT 32D-X & 100R-CX 61

GVSPOT BP-LX & BP-LC-S7 62

PTI-S7 63

X & C ARMS 64

BP GENIUS 66

PTI PREMIUM PRO 68

PTI GENIUS 70

G ARMS 72

ACCESSORIES & CONSUMABLES 73

# ÉVOLUTION TECHNOLOGIQUE

TECHNICAL IMPROVEMENTS - TECHNISCHE ENTWICKLUNG - MEJORAS TECNICAS

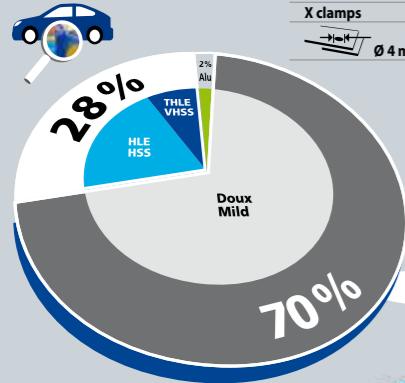
**France**  
Facteurs d'évolution :  
• Challenge CO2 = faible poids  
• Crash test = ★★★★★  
• Anti corrosion = nouveaux revêtements  
• Esthétique et visibilité plus sophistiquées.

**UK**  
Evolution factors :  
• CO2 Challenge = low weight  
• Crash test = ★★★★★  
• Anti-corrosion = new coatings  
• Improved aesthetics and demand for better occupant visibility.

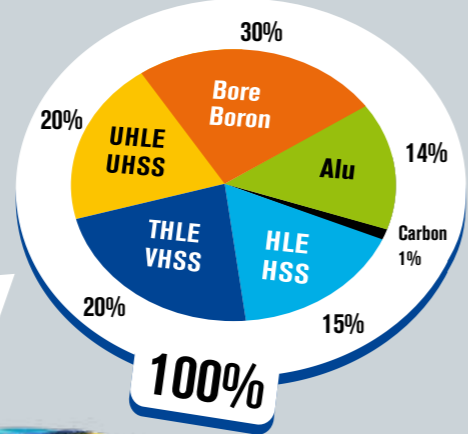
**Germany**  
Entwicklungsfaktoren :  
• CO2 Challenge = geringes Gewicht  
• Crash-Test = ★★★★★  
• Anti-Korrosion = neue Beschichtung  
• Modernes Technik-Design.

**Italy**  
Fattori di evoluzione :  
• Sfida CO2 = basso peso  
• Crash test = ★★★★★  
• Nuovi rivestimenti = anticorrosivi  
• Estetica e visibilità più sofisticate

2004



**OLD SOLUTIONS**  
Traditional machines  
180 daN max  
6500 A max  
X clamps  
Ø 4 mm max



2023

**GYS SOLUTIONS**  
INVERTER Technology  
550 daN max  
14500 A max  
X & C clamps  
Liquid cooled system  
Ø 10 mm



An example of new generation car body  
• Exemple de carrosserie nouvelle génération  
• Beispiel einer Karosserie der neuen Generation  
• Esempio di carrozzeria di nuova generazione

- HSS - HLE
- VHSS - THLE
- UHSS - UHLE
- Bore - Boron
- Aluminium

## HOMOLOGATIONS PRODUITS

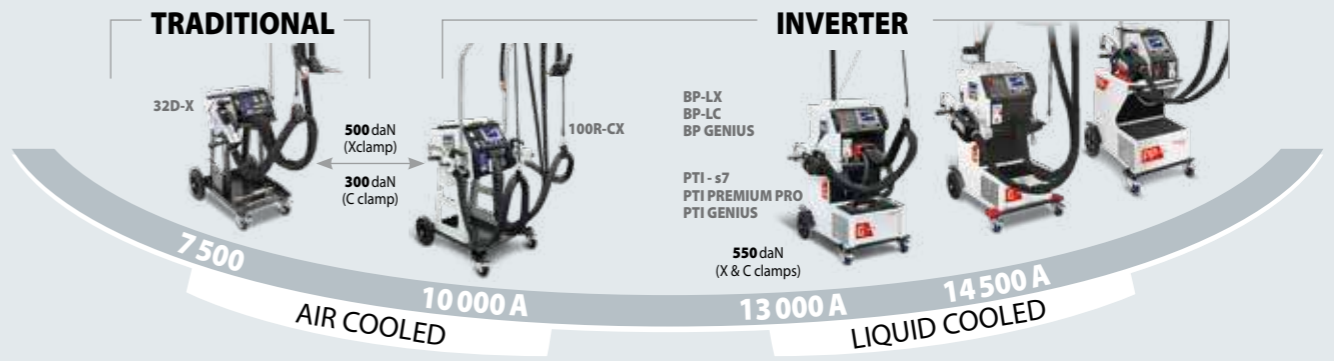
MANUFACTURER APPROVALS / COMPLIANCE - PRODUKT HOMOLOGATIONEN - PRODOTTI APPROVATI



| Product Category       | Model   | Volvo     | Jeep | Mercedes | Smart | EvoBus | Nissan | GM | Tata | Other |
|------------------------|---|-----------|------|----------|-------|--------|--------|----|------|-------|
| DENT PULLER            | GYSPT 2600/2700                                   | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT 36-39.02/04, PRO230/400, EXPERT 200/230/400 | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | Workstations                                      | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT ALU FV                                      | •         | •    | •        | •     | •      | •      | •  | •    | •     |
| RESISTANCE SPOT WELDER | GYSPT ARCPULL 200                                 | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT 100R  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT BP-LX                                       | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT BP-LC-s7                                    | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT BP GENIUS                                   | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT PTI-s7                                      | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT PTI PREMIUM PRO                             | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | GYSPT PTI GENIUS                                  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | VAS 821 101 - Spot Welder                         | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | RIVE / MIG  | GYSPPRESS | •    | •        | •     | •      | •      | •  | •    | •     |
| CARMIG                 |   | •         | •    | •        | •     | •      | •      | •  | •    | •     |
| MIG / MAG              | E1 GYS AUTO                                       | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | E2 E3 GYS AUTO                                    | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | AUTOPULSE 220-M1                                  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | AUTOPULSE 220-M3                                  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | AUTOPULSE 320-T1                                  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | AUTOPULSE 320-T3                                  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
| PLASMA                 | VAS 821 005 - Pulse MIG                           | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | VAS 821 00580 023                                 | •         | •    | •        | •     | •      | •      | •  | •    | •     |
| PLASMA                 | EASYSCT 40  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | CUTTER 25K/35KF                                   | •         | •    | •        | •     | •      | •      | •  | •    | •     |
|                        | CUTTER 30FV/45CT                                  | •         | •    | •        | •     | •      | •      | •  | •    | •     |
| GYSDUCTION AUTO        | •   | •         | •    | •        | •     | •      | •      | •  | •    |       |



## RANGE



|  | 32 D | 100 R | BP / BP GENIUS | PTI-s7 | PTI PREMIUM PRO | PTI GENIUS |
|--|------|-------|----------------|--------|-----------------|------------|
|--|------|-------|----------------|--------|-----------------|------------|

|                         |   |           |   |   |   |   |
|-------------------------|---|-----------|---|---|---|---|
| Mild - Doux             | • | •         | • | • | • | • |
| HSS/VHSS - HLE/THLE → ⚠ | X | •         | • | • | • | • |
| UHSS/BORON - UHLE/BORE  | X | Difficult | • | • | • | • |

| Number of spots - Nombre de points 10 spots/min | 0.8 + 0.8 mm | 100 | 150 | no limit | no limit |    |
|---|--------------|-----|-----|----------|----------|----|
|   | 2.5 + 2.5 mm | 5   | 5   | 10       | 95       | 60 |

|   |        |           |                         |          |          |
|---|--------|-----------|-------------------------|----------|----------|
| Inverter Technology                           | —      | •         | •                       | •        | •        |
| EMF Directive 2013/35/UE (⚡)                  | —      | —         | BODY PROTECT TECHNOLOGY | •        | •        |
| Cooling system - Système de refroidissement   | AIR ❄️ | AIR ❄️    | LIQUID 💧                | LIQUID 💧 | LIQUID 💧 |
| Automated regulation - Régulation automatique | I (A)  | —         | •                       | •        | •        |
|   | daN    | —         | •                       | •        | •        |
|   | Ø      | irregular | constant                | constant | constant |

|                          |       |          |                  |           |     |
|--------------------------|-------|----------|------------------|-----------|-----|
| MODE AUTO                | —     | —        | • (LC, LG)       | •         |     |
| Pince - Clamp            | X     | • (32DX) | • (BP.LX)        | —         |     |
|                          | C     | —        | • (BP.LC, BP.LG) | • G clamp |     |
|                          | X+C   | —        | • (100R-CX)      | —         |     |
| Transformer Inside Clamp | —     | —        | —                | •         |     |
| Cables (L)               | 2.5 m | 2.5 m    | 2.5 m            | 4 or 6 m  | 6 m |
| Includes gun 🔫           | •     | •        | •                | option    |     |

| Max welding frequency (spots/min) - Cadence de soudage maximale (points/min) | 0.8 + 0.8 mm  | 10   | 10   | BP-LC : 10 - BP-LG : 20 |      |      | 10   | 20    |      |      |
|--|---------------|------|------|-------------------------|------|------|------|-------|------|------|
|  | 2.5 + 2.5 mm  | 6    | 2    | 6                       | 10   | 2    | 6    | 10    | 10   | 20   |
| Fuse   | 400 V         | 32 A | 32 A | 40 A                    | 50 A | 32 A | 40 A | 50 A  | 20 A | 25 A |
|  | 200/208-240 V | —    | —    | —                       | —    | 60 A | 80 A | 100 A | 40 A |      |



PORTASPOT / GYSPOT

# SPOT WELDING

PORTASPOT 230

## 6 300 A 120 daN

Air cooled

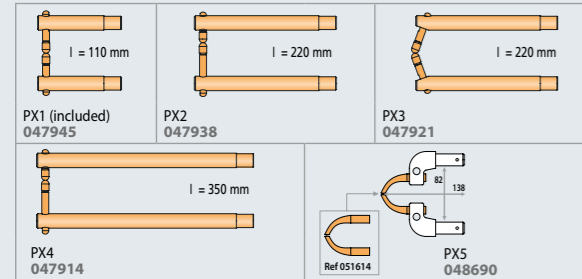
230V  
022256



DELIVERED WITH PX 1



ARMS Ø 23 mm



ELECTRODES



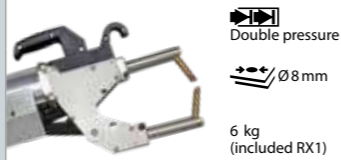
CAPS & ACCESSORIES



| 50/60 Hz | A     | A     | A     | mm  | V    | m   | mm <sup>2</sup> | 100% CU | LxWxH cm / kg       |
|----------|-------|-------|-------|-----|------|-----|-----------------|---------|---------------------|
| 1 x 230V | 16(D) | 6 300 | 8 900 | 2+2 | 2.45 | 2.5 | 3x2.5 H05VVf    | OK      | 41 x 18 x 22 / 11.3 |

## GYSPOT 32D-X

### 7 500 A 500 daN



Air cooled

2 x 400V  
019881

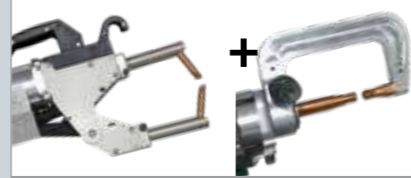


| included                       |   |
|--------------------------------|---|
| Monopoint/Spot 049291          | ▪ |
| Inertia hammer 049482 + 049802 | ▪ |
| Spotter box pro 050075         | ▪ |
| Top support box                | ▪ |
| Contact grease 050440          | ▪ |
| Caps remover 050846            | ▪ |
| Cable support                  | ▪ |
| RX1 051034                     | ▪ |
| RX2 051041                     | ▪ |

## GYSPOT 100R-CX

### 10 000 A 500 daN (X) 300 daN (C)

For mild steel, HSS, UHSS



Air cooled

Traceability software  
Save spot welding configuration and export data

3 x 400V  
022317

| included                       |     |
|--------------------------------|-----|
| Monopoint/Spot 049291          | ▪   |
| Inertia hammer 049482 + 049802 | ▪   |
| Spotter box pro 050075         | ▪   |
| Top support box                | ▪   |
| Contact grease 050440          | ▪   |
| Caps remover 050846            | ▪   |
| Cable support                  | × 2 |
| RX1 051034                     | ▪   |
| RC1 051065                     | ▪   |
| RC3 051089                     | ▪   |



OPTION 100R-CX



OPTIONS



| MADE IN FRANCE<br>CE NORM.<br>62135 | 50/60 Hz | A                          | Spots/min (max) | RMS    | MAX    | mm          | Uo      | Cables |     |              | 100% CU | LxWxH cm / kg      |
|-------------------------------------|----------|----------------------------|-----------------|--------|--------|-------------|---------|--------|-----|--------------|---------|--------------------|
|                                     |          |                            |                 |        |        |             |         | A      | A   | A            |         |                    |
| GYSPOT 32D.X                        | 400V     | 32 (13 kVA)                | 6               | 7 500  | 10 500 | 3 + 3       | 1,2 + 3 | 11     | 2,2 | 200          | OK      | 79 x 57 x 54 / 111 |
|                                     |          |                            |                 |        |        |             |         |        | 2,5 | 150          |         |                    |
|                                     |          |                            |                 |        |        |             |         |        | 8   | 3 x 6 HO7RNF |         |                    |
| GYSPOT 100R.CX                      | 3 x 400V | 40 (28 kVA)<br>50 (35 kVA) | 2<br>6<br>10    | 10 000 | —      | 2.5+2.5+2.5 | 1,5 + 3 | 16     | 2,5 | 200          | OK      | 61 x 79 x 71 / 137 |
|                                     |          |                            |                 |        |        |             |         |        | 2,5 | 150          |         |                    |
|                                     |          |                            |                 |        |        |             |         |        | 8   | 4 x 6 HO7RNF |         |                    |



61

GYSPOT 32D / 100R

AIR COOLED

**GYSPOT BP-LX**  
**13 000 A**  
550 daN

For mild steel, HSS, UHSS **Boron steel**

Double pressure  
Ø 10 mm  
6.5 kg (included X1)

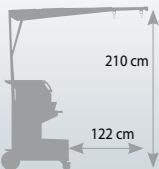
Liquid cooled

**BP BODYPROTECT**  
Unique electro-magnetic field protection  
2013/35/UE by GYS

Traceability software  
Save spot welding configuration and export data

019652

|                                  |        |        |
|----------------------------------|--------|--------|
|                                  | 019652 | 058804 |
| <b>400V</b>                      |        |        |
| Gyspot BP-LX                     | ▪      | ▪      |
| Monopoint/Spot 049291            | ▪      | ▪      |
| Spotter box pro (p.10) 050075    | ▪      | ▪      |
| Inertia hammer 049482 + 049802   | ▪      | ▪      |
| X1 050501                        | ▪      | ▪      |
| X4A (x2) + X4B + X4C + X2 020733 | ▪      | ▪      |
| Liquid cooling (10L) 052246      |        | (x3)   |



**OPTIONS**

050068  
x10 (x20: 052239)  
x6 (x6: 049994)

x18 (x6: 049987)  
x18 (x6: 049970)

Caps type A box 048935  
Caps type F box 077119

x40 (x6: 049987)  
x40 (x6: 049970)

SD CARD 050914

Cooling liquid - Liquide de refroidissement - Kühlmittel - Enfriamiento líquido - Refrigeração líquida  
10L

Protection cover - Housse de protection - Schutzhaube  
for BP & PTI  
050853

62

**GYSPOT BP-LC-s7**  
**13 000 A**  
550 daN

For mild steel, HSS, UHSS **Boron steel**

Double pressure  
Ø 10 mm  
6.5 kg (included C1)

Liquid cooled

**BP BODYPROTECT**  
Unique electro-magnetic field protection  
2013/35/UE by GYS

Traceability software  
Save spot welding configuration and export data

020757

|                                |        |        |
|--------------------------------|--------|--------|
|                                | 020757 | 058798 |
| <b>400V</b>                    |        |        |
| Gyspot BP-LC-s7                | ▪      | ▪      |
| Monopoint/Spot 049291          | ▪      | ▪      |
| Spotter box pro (p.10) 050075  | ▪      | ▪      |
| Inertia hammer 049482 + 049802 | ▪      | ▪      |
| Contact grease 050440          | ▪      | ▪      |
| Caps remover 050846            | ▪      | ▪      |
| Arm panel                      | ▪      | ▪      |
| C1 019140                      | ▪      | ▪      |
| C2 + C3 + C4 060821            | ▪      | ▪      |
| C6 022409                      | ▪      | ▪      |
| Liquid cooling (10L) 052246    |        | (x3)   |



**OPTIONS BP-LC**

Mandrels for gun - Mandrins pour pistolets - Pistole & Anschlußstücke, Zubehör

S1 < nov 2010 048171

S2 > nov 2010 048188

GYRO 360° for BP-LC 051737

10-14 kg

**GYSPOT PTI-s7**  
**14 500 A**  
550 daN

For mild steel, HSS, UHSS **Boron steel**

FUSE 20 A  
Double pressure  
Ø 10 mm  
9.9 kg (included C1)

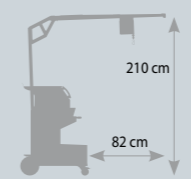
TRANSFORMER INSIDE

Liquid cooled

Traceability software  
Save spot welding configuration and export data

020894

|                             |           |           |
|-----------------------------|-----------|-----------|
|                             | 4M 020894 | 4M 067998 |
| <b>220V</b>                 | 6M 022195 | 6M 020900 |
| Gyspot PTI-s7               | ▪         | ▪         |
| Contact grease 050440       | ▪         | ▪         |
| Caps remover 050846         | ▪         | ▪         |
| Arm panel                   | ▪         | ▪         |
| C1 021402                   | ▪         | ▪         |
| C2 + C3 + C4 060821         | ▪         | ▪         |
| C6 022409                   | ▪         | ▪         |
| Gyro 360° 051720            | ▪         | ▪         |
| Complete gun kit 067318     | ▪         | ▪         |
| Liquid cooling (10L) 052246 |           | (x3)      |



**Very light**  
9.9 kg

10-14 kg 059696

**CONVERT PTI S-7 > PTI PREMIUM PRO WITH G ARMS**

KIT RENOV PTI PREMIUM PRO 220V 072367

400V 072541

C ARMS G ARMS

**OPTION**

200 mm<sup>2</sup> 1.6 m  
300 mm<sup>2</sup> 1m

Complete gun kit 067318

GYRO 360° for PTI 051720

High stability Compatible gyro

| MADE IN FRANCE<br>62135    | 50/60 Hz | A D curve                                 | Spots/min (max)<br>± 2.5+2.5 | I RMS<br>A                           | U <sub>o</sub><br>V      | mm          |       |                            | Cables   |                    |    | 100% CU       | cm    | kg |
|----------------------------|----------|---|------------------------------|--------------------------------------|--------------------------|-------------|-------|----------------------------|--|--------------------|----|---------------|-------|----|
|                            |          |   |                              |                                      |                          | ↕           | ↔     | ↔                          | ↔  | ↔                  | ↔  |               |       |    |
| <b>GYSPOT BPLX</b>         | 3 x 400V | 32 (22 kVA)<br>40 (28 kVA)<br>50 (35 kVA) | 2<br>6<br>10                 | 13 000                               | 16                       | 2.5+2.5+2.5 | 1.5+3 | 2.5, liquid                | 2.5  | 8 m, 4x6 HD7RNF    | OK | 65 x 80 x 205 | 164.5 |    |
| <b>GYSPOT BPLC-s7</b>      |          |   |                              |                                      |                          |             |       |                            |  |                    |    |               |       |    |
| <b>GYSPOT PTI-s7</b>       | 3 x 400V | 20 (14 kVA)                               | 10                           | 14 500                               | 7.3                      | 2.5+2.5+2.5 | 1.5+3 | 4 m, liquid<br>6 m, liquid | OPTION 067318:<br>1.6 m, Ø 200 mm <sup>2</sup> | 8 m, 4x4 HD7RNF    | OK | 65 x 80 x 230 | 105.3 |    |
| <b>GYSPOT PTI-s7 220 V</b> |          |   |                              |                                      |                          |             |       |                            |  |                    |    |               |       |    |
|                            | 3 x      | 200<br>208<br>220<br>240                  |                              | 12 500<br>13 000<br>14 500<br>14 500 | 6.5<br>6.7<br>7.4<br>7.7 |             |       | 4 m, liquid<br>6 m, liquid |  | 8 m, 4xAWG8 (SOOW) | OK |               | 115.7 |    |

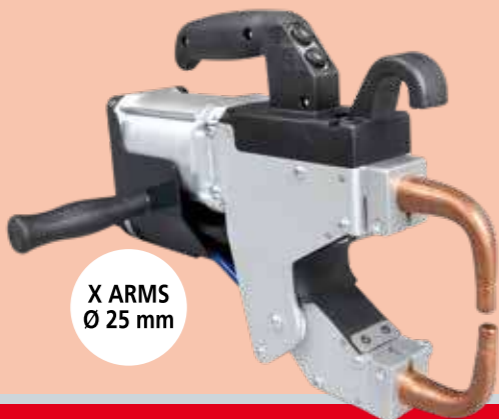
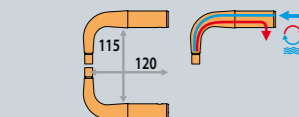
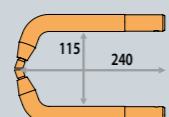
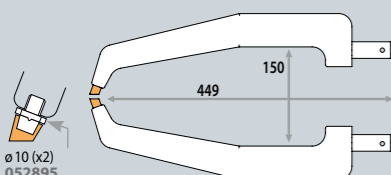
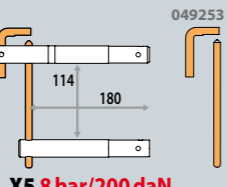
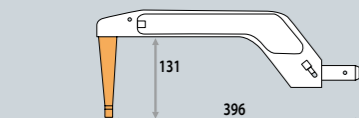
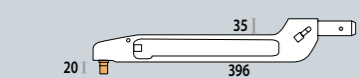
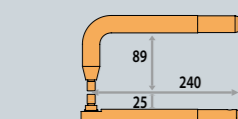


**FOR GYSPOT 32D-X, 100R-CX, BP-LX****550 daN****6,5 kg** including X1

- DOUBLE PRESSURE
- LIQUID COOLED / REFRIGÉRATION LIQUIDE
- Ø 10 mm



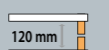
MADE IN FRANCE

**X ARMS**  
Ø 25 mm**X Arms - Caps Ø13 mm****X1 8 bar/550 daN**  
050501**X2 8 bar/400 daN**  
050518**X4 8 bar/120 daN**  
050532**X5 8 bar/200 daN**  
050549**X4A 8 bar/150 daN**  
020702**X4B 8 bar/150 daN**  
020719**X4C 8 bar/150 daN**  
020726**X6 8 bar/400 daN**  
050587**X4 (A, B & C) combinations**

X4A + X4A



X4A + X4B



X4B + X4B



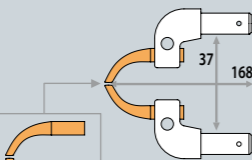
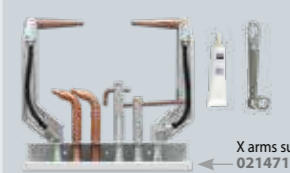
X4A + X4C



X4C + X4C



X4B + X4C

**X11**  
**3 bar/150 daN**  
051607**X ARMS PANELS****X4A (x2) + X5 + X2**  
022324X arms support  
021471**X4A (x2) + X4B + X4C + X2**  
020733X arms support  
021471**Remote control (BP)**Digital screen control  
Change Mode & Parameters

X clamp control



C clamp control

**C ARMS PANELS**C2  
+ C3  
+ C4  
060821**ALL IN 1 BOX**C2 +  
C3 +  
C6 +  
C12 +  
C9  
=

061316

**2 BOXES**C10 +  
C3 +  
C5 +  
C6 +  
C9  
=

076495

**NEW**

Youtube

**FOR GYSPOT BP-LC, PTI****550 daN****6,5 kg** including C1

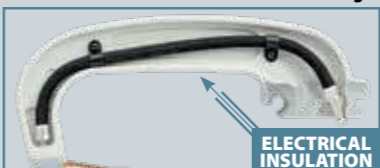
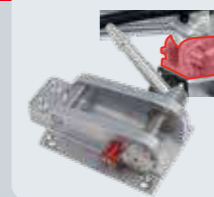
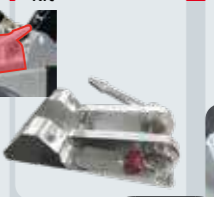
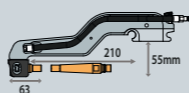
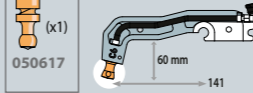
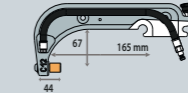
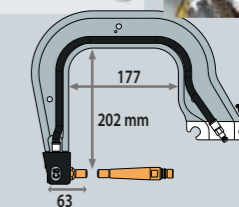
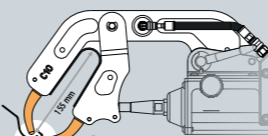
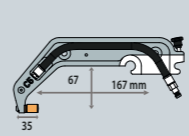
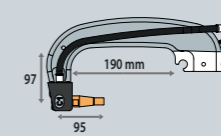
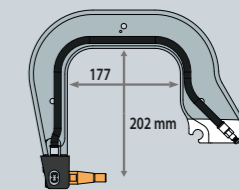
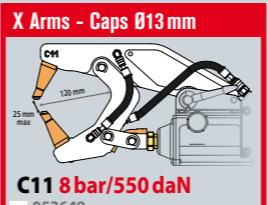
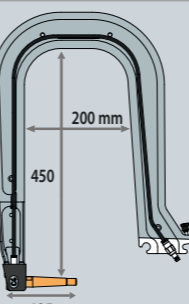
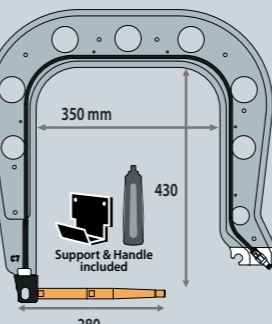
- DOUBLE PRESSURE
- LIQUID COOLED / REFRIGÉRATION LIQUIDE
- Ø 10 mm



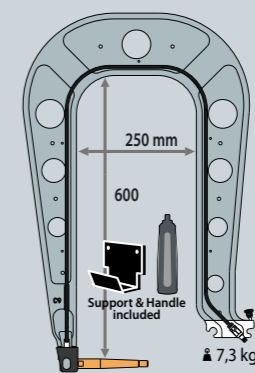
MADE IN FRANCE

**550 daN****Transformer inside****9,9 kg** including C1

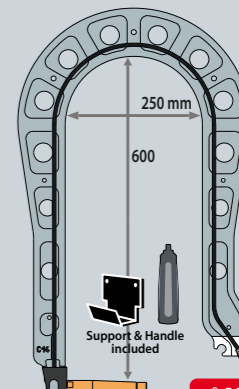
- DOUBLE PRESSURE
- AIR COOLED + LIQUID COOLED / DOUBLE REFRIGÉRATION AIR + LIQUIDE
- Ø 10 mm

**C Arms - Caps Ø13 mm****Classic arms****CLASSIC FINISH****Bras isolés - Isolated arms - Isolierte Bügel****ELECTRICAL INSULATION**PTI arm support kit  
077577BP arm support kit  
080089Arm lock pin  
062405**C2 8 bar/550 daN**  
022386**C6 8 bar/300 daN**  
022409**C12 8 bar/550 daN**  
022997**C8 8 bar/550 daN**  
021440**C10 4 bar/150 daN**  
051638**C5 8 bar/550 daN**  
022393**C1 8 bar/550 daN**  
021402**C3 8 bar/550 daN**  
021419**C11 8 bar/550 daN**  
053649**C4 8 bar/550 daN**  
021426**C7 8 bar/550 daN**  
021433

Option for C7

**C7-SA (Small Access)**  
067684**C9 8 bar/550 daN**  
020078

Option for C9 &amp; C14

**C9/C14-SA (Small Access)**  
067660**C14 8 bar/400 daN**  
023543**▲ 5,7 kg**  
**22% saved**

# SPOT WELDING BP



MADE IN FRANCE

**ULTRA LIGHT & COMPACT**  
6.5 kg  
(Gyro & G1 included)

550 daN



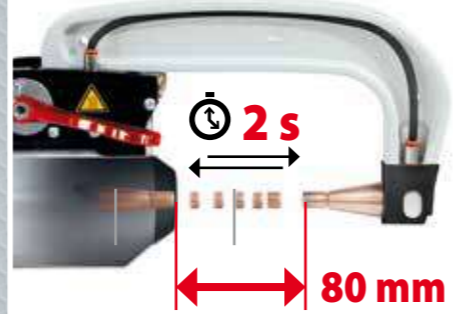
6.5 kg  
(Gyro & G1 included)



**OPTIONS**

|  |  |   |                           |  |  |  |                      |                                |                      |                                |  |                      |                                |  |
|--|--|---|---------------------------|--|--|--|----------------------|--------------------------------|----------------------|--------------------------------|--|----------------------|--------------------------------|--|
| <p><b>Caps type A box</b><br/>048935<br/>x40 (x6:049987)</p> | <p><b>Caps type F box</b><br/>077119<br/>x40 (x6:049970)</p> | <p>x20 (x6:049987)<br/>x6 (x6:049970)<br/>x2 (x1:050617)<br/>073449</p> | <p>SD CARD<br/>050914</p> | <p>Cooling liquid<br/>- Liquide de refroidissement<br/>- Kühlmittel<br/>- Enfriamiento líquido<br/>- Refrigeração líquida<br/>052246</p> | <p>Protection cover<br/>- Housse de protection<br/>- Schutzhaube<br/>for BP &amp; PTI<br/>050853</p> | <p>Liquid cooling (10L)<br/>10L<br/>052246</p> | <p>G1<br/>022768</p> | <p>G2 + G3 + G4<br/>022896</p> | <p>G1<br/>022768</p> | <p>G2 + G3 + G4<br/>022896</p> | <p>Liquid cooling (10L)<br/>052246</p> | <p>G1<br/>022768</p> | <p>G2 + G3 + G4<br/>022896</p> | <p>Liquid cooling (10L)<br/>052246</p> |
|--|--|---|---------------------------|--|--|--|----------------------|--------------------------------|----------------------|--------------------------------|--|----------------------|--------------------------------|--|

**FAST OPEN XL**



**EASY**



**GYRO INTEGRATED**



**PERFECT ELECTRICAL CONNECTION**



**AUTO**



**GYSPOT  
BP GENIUS**

**13 000 A**  
550 daN

For mild steel, HSS, UHSS | Boron steel

**BP** BODYPROTECT  
2013/35/EU Unique electro-magnetic field protection by GYS

Traceability software  
Save spot welding configuration and export data

023451



|                                | 023550      | 023451      | 023499 |
|--------------------------------|-------------|-------------|--------|
| Gyspot BP GENIUS               | <b>220V</b> | <b>400V</b> |        |
| Monopoint/Spot 049291          | ▪           | ▪           | ▪      |
| Spotter box pro (p.10) 050075  | ▪           | ▪           | ▪      |
| Inertia hammer 049482 + 049802 | ▪           | ▪           | ▪      |
| Caps remover 050846            | ▪           | ▪           | ▪      |
| Arm support                    | ▪           | ▪           | ▪      |
| G1 022768                      | ▪           | ▪           | ▪      |
| G2 + G3 + G4 022896            | ▪           | ▪           | ▪      |
| Liquid cooling (10L) 052246    |             |             | (x3)   |



| MADE IN FRANCE<br>62135       | 50/60 Hz | A<br>D curve                              | Spots/min (max)<br>2.5+2.5 | I <sub>RMS</sub><br>A                | U <sub>o</sub><br>V    | mm          |       |                                       | Cables                                |                                      |                                      | 100% CU       | cm  | kg |
|-------------------------------|----------|---|----------------------------|--------------------------------------|------------------------|-------------|-------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------|-----|----|
|                               |          |   |                            |                                      |                        | 2.5         | 1.5   | 3                                     | 2.5 m, Ø 200 mm <sup>2</sup> , Liquid | 2.5 m, Ø 150 mm <sup>2</sup> air     | 8 m 4x16 mm <sup>2</sup> (6AWG) 500W |               |     |    |
| <b>GYSPOT BP GENIUS 220 V</b> | 3 x      | 200<br>208<br>220<br>240                  | 2<br>6<br>10               | 10 500<br>11 000<br>12 000<br>12 500 | 15<br>15.5<br>17<br>18 | 2.5+2.5+2.5 | 1.5+3 | 2.5 m, Ø 200 mm <sup>2</sup> , Liquid | 2.5 m, Ø 150 mm <sup>2</sup> air      | 8 m 4x16 mm <sup>2</sup> (6AWG) 500W | OK                                   | 65 x 80 x 205 | 178 |    |
| <b>GYSPOT BP GENIUS 400V</b>  | 3 x 400V | 32 (22 kVA)<br>40 (28 kVA)<br>50 (35 kVA) | 2<br>6<br>10               | 13 000                               | 16                     | 2.5+2.5+2.5 | 1.5+3 | 2.5 m, Ø 200 mm <sup>2</sup> , Liquid | 2.5 m, Ø 150 mm <sup>2</sup> air      | 8 m 4x6 mm <sup>2</sup> H07RNF       | OK                                   | 65 x 80 x 205 | 171 |    |



GYS POT

# SPOT WELDING PREMIUM PRO

G  
ARMS



**FULL  
ERGONOMIC**

10.3 kg  
(Gyro & G1 included)

550 daN

LIQUID COOLED  
REFROIDISSEMENT  
LIQUIDE  
Ø 10 mm

10.3 kg  
(Gyro & G1 included)

**Ergonomy & Security**

20°  
**EASY  
HANDLE**

**LOCKING  
SYSTEM**

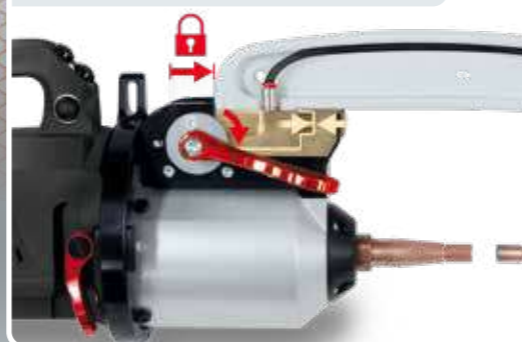


**TRANSFORMER INSIDE**

**GYRO INCLUDED**



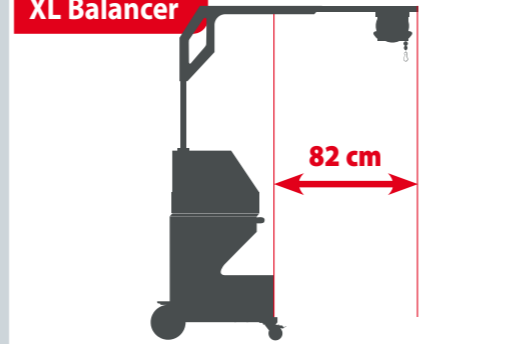
**PERFECT ELECTRICAL CONNECTION**



**AUTO**



**XL Balancer**



**OPTIONS**

|  |  |                     |  |                           |                     |
|--|--|---------------------|--|---------------------------|---------------------|
|  | Caps type A box<br>048935  | x40<br>(x6: 049987) |  | Caps type F box<br>077119 | x40<br>(x6: 049970) |
|  | Cooling liquid - Liquide de refroidissement - Kühlmittel - Enfriamiento liquido - Refrigeração líquida | 10L                 |  | SD CARD<br>050914         | 2 GB                |



**GYSPTI  
PTI PREMIUM PRO**

**14500 A**  
550 daN

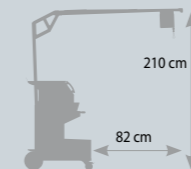
For mild steel, HSS, UHSS

**Boron steel**  
FUSE 20 A  
Double pressure  
Ø 10 mm  
10.3 kg (included G1)

**TRANSFORMER INSIDE**

Liquid cooled

Traceability software  
Save spot welding configuration and export data



**NEW**



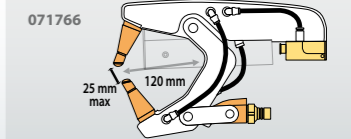
10.3 kg

|  |                     |  |
|--|---------------------|--|
|  | 6M<br>072206 072183 |  |
|  |                     |  |
|  |                     |  |
|  |                     |  |



**OPTIONS**

**G11 for PTI PREMIUM PRO only**



| MADE IN FRANCE                 | 50/60 Hz                     | A<br>D curve                                       | Spots/min (max) | RMS<br>A                         | Uo<br>V                  | mm                   | Cables      |                                    |                  | 100%<br>CU | cm             | kg    |
|--------------------------------|------------------------------|--|-----------------|----------------------------------|--------------------------|----------------------|-------------|------------------------------------|------------------|------------|----------------|-------|
|                                |                              |  |                 |                                  |                          |                      | 6 m, liquid | 8 m, 4x4 H07RN-F                   | 8 m, 4x4 H07RN-F |            |                |       |
| <b>GYSPTI PREMIUM PRO 220V</b> | 3 x 200<br>208<br>220<br>240 | 30 (10-12 kVA)<br>40 (14-16 kVA)<br>50 (17-21 kVA) | 10              | 12500<br>13000<br>14500<br>14500 | 6.6<br>6.9<br>7.3<br>7.9 | 2.5+2.5+2.5<br>1.5+3 | 6 m, liquid | OPTION 067226:<br>1.8 m, Ø 300 mm² | 8 m, 4x4 H07RN-F | OK         | 65 x 100 x 230 | 118.7 |
| <b>GYSPTI PREMIUM PRO 400V</b> | 3 x 400V                     | 25 (14 kVA)  | 10              | 14500                            | 7.3                      | 2.5+2.5+2.5<br>1.5+3 | 6 m, liquid | OPTION 067226:<br>1.8 m, Ø 300 mm² | 8 m, 4x4 H07RN-F | OK         | 65 x 100 x 230 | 109.2 |



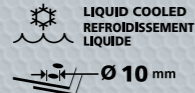
GYSPOT

# SPOT WELDING GENIUS



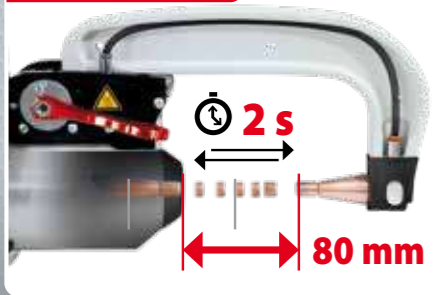
MADE IN FRANCE

550 daN

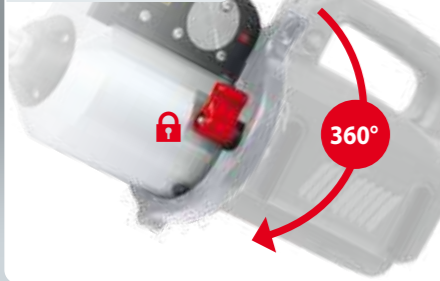


11.3 kg  
(Gyro & G1 included)

## FAST OPEN XL



## GYRO INTEGRATED



## PERFECT ELECTRICAL CONNECTION



## AUTO



## TRANSFORMER INSIDE



G  
ARMS



Motorised cable support  
- Potence électrique  
- Elektrisch verstellbarer  
Kabelsupport

Control command  
- Contrôle de commande

### OPTIONS

|  |   |  |                   |  |   |  |   |  |   |  |
|--|---|--|-------------------|--|---|--|---|--|---|--|
|  | Caps type A box<br>048935<br>x40 (x6: 049987) |  | SD CARD<br>050914 |  | Kit WIFI<br>Compatibility :<br>Gyspot<br>Inverter<br>PTI-GENIUS<br>070691 |  | Cooling liquid - Liquide de<br>refroidissement - Kühlmittel<br>- Enfriamiento líquido<br>- Refrigeração líquida<br>052246 |  | Protection cover<br>- Housse de protection<br>- Schutzhaube<br>for BP & PTI<br>050853 |  |
|  | Caps type F box<br>077119<br>x40 (x6: 049970) |  | SD CARD<br>050914 |  | Kit WIFI<br>Compatibility :<br>Gyspot<br>Inverter<br>PTI-GENIUS<br>070691 |  | Cooling liquid - Liquide de<br>refroidissement - Kühlmittel<br>- Enfriamiento líquido<br>- Refrigeração líquida<br>052246 |  | Protection cover<br>- Housse de protection<br>- Schutzhaube<br>for BP & PTI<br>050853 |  |

## GYSPOT PTI GENIUS

14 500 A  
550 daN

For mild steel, HSS, UHSS Boron steel

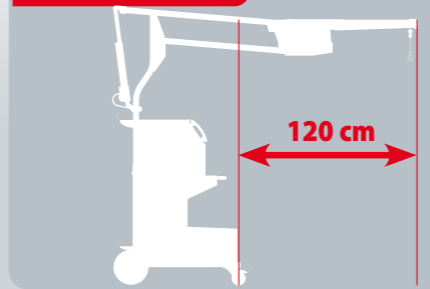
TRANSFORMER INSIDE

Liquid cooled

Traceability software  
Save spot welding configuration and  
export data

|                                | 024854 | 024878 | 068001 | 024892 |
|--------------------------------|--------|--------|--------|--------|
|                                | 220V   | 400V   | 480V   |        |
| Gyspot PTI-GENIUS              | ■      | ■      | ■      | ■      |
| Caps remover<br>050846         | ■      | ■      | ■      | ■      |
| Arm support                    | ■      | ■      | ■      | ■      |
| G1<br>022768                   | ■      | ■      | ■      | ■      |
| G2 + G3 + G4<br>022898         | ■      | ■      | ■      | ■      |
| Kit gun<br>067226              | ■      | ■      | ■      | ■      |
| Liquid cooling (10L)<br>052246 |        |        | (x3)   |        |

## Ergonomic



Included  
Cable support  
ULTRA  
RESISTANT



ELECTRIC  
MOTOR

Control  
Commande

Electrode storage  
- Rangement pour  
électrodes

6 m

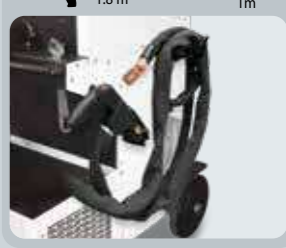
High stability -  
Grande stabilité

### OPTIONS

Kit gun  
067226



| MADE IN FRANCE<br>62135 | 50/60 Hz                     | A<br>D curve   | Spots/min<br>(max)<br>2.5+2.5 | RMS<br>A                             | Uo<br>V                  | mm          |       | Cables         |                         | cm            | kg    |                        |           |             |    |        |   |             |       |                |                                       |               |       |
|-------------------------|------------------------------|----------------|-------------------------------|--------------------------------------|--------------------------|-------------|-------|----------------|-------------------------|---------------|-------|------------------------|-----------|-------------|----|--------|---|-------------|-------|----------------|---------------------------------------|---------------|-------|
|                         |                              |                |                               |                                      |                          | mm          | mm    | mm             | mm                      |               |       |                        |           |             |    |        |   |             |       |                |                                       |               |       |
| GYSPOT PTI GENIUS 220 V | 3 x 200<br>208<br>220<br>240 | 50 (17-21 kVA) | 20                            | 12 500<br>13 000<br>14 500<br>14 500 | 6.6<br>6.9<br>7.3<br>7.9 | 2.5+2.5+2.5 | 1.5+3 | 6 m,<br>Liquid | 8 m<br>4xAWG8<br>(500W) | 71 x 90 x 200 | 136.2 |                        |           |             |    |        |   |             |       |                |                                       |               |       |
|                         |                              |                |                               |                                      |                          |             |       |                |                         |               |       | GYSPOT PTI GENIUS 400V | 3 x 400 V | 25 (17 kVA) | 20 | 14 500 | 7 | 2.5+2.5+2.5 | 1.5+3 | 6 m,<br>Liquid | 8 m<br>4x4 mm <sup>2</sup><br>H07RN-F | 71 x 90 x 200 | 185.5 |
|                         |                              |                |                               |                                      |                          |             |       |                |                         |               |       |                        |           |             |    |        |   |             |       |                |                                       |               |       |



GYSPOT PTI GENIUS

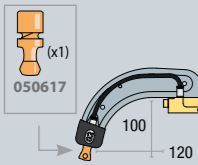
LIQUID COOLED



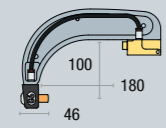
**FOR GYSPOT BP GENIUS, PTI PREMIUM PRO & PTI GENIUS**

G Arms - Caps Ø13 mm

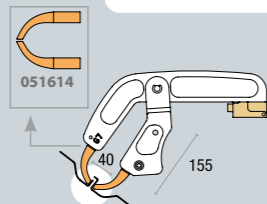
Bras isolés - Isolated arms - Isolierte Bügel



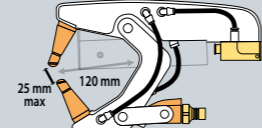
**G2**  
8 bar/300 daN  
022775



**G6**  
8 bar/550 daN  
022812

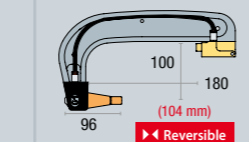
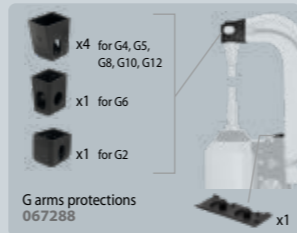


**G7**  
4 bar/150 daN  
022829



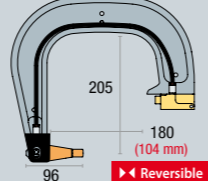
**G11**  
8 bar/550 daN  
for PTI PREMIUM PRO only  
071766

Kit de maintenance connecteurs pince G - Connectors maintenance kit for G clamp 067295



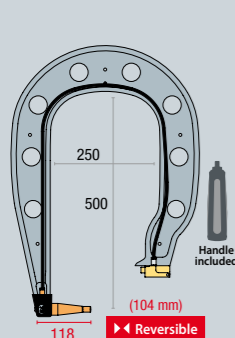
**G1**  
8 bar/550 daN  
022768

Option for G1 & G3



**G3**  
8 bar/550 daN  
022782

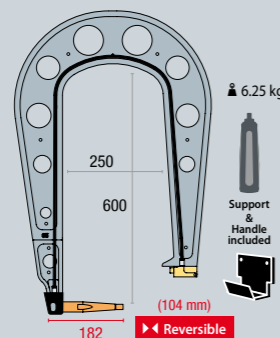
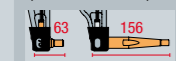
G1/G3-SA (Small Access)  
067653  
(for arms > 02/2021)



**G4**  
8 bar/550 daN  
022799

Option for G4

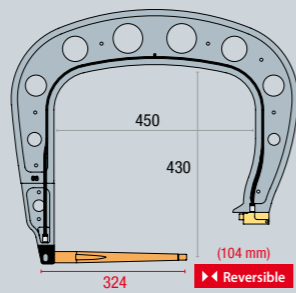
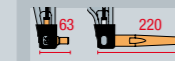
G4-SA (Small Access)  
064478  
(for arms < 01/2021)



**G5**  
8 bar/550 daN  
022805

Option for G5

G5/G10-SA (Small Access)  
067660



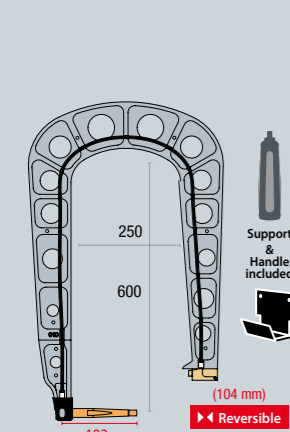
**G8**  
8 bar/550 daN  
022836

Option for G8

G8-SA (Small Access)  
067677



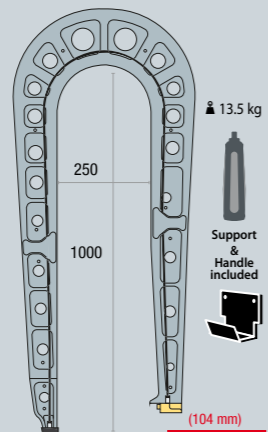
G1/G3-SA (Small Access)  
067653  
(for arms > 02/2021)



**G10**  
8 bar/400 daN  
067165

Option for G10 & G12

G5/G10/G12-SA (Small Access)  
067660



**G12**  
8 bar/300 daN  
075238

Option for G10 & G12

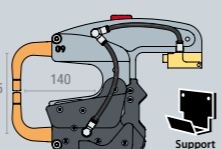
G5/G10/G12-SA (Small Access)  
067660

**G X** **AUTOMATIC WELDING FOR X1, X2 & X6**

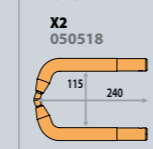
**G9 | 8 bar/550 daN**  
not for PTI PREMIUM PRO

**G9 with X1 Included**  
022881

**X1**  
050501  
550 daN

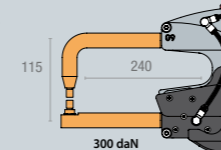


**X2**  
050518  
300 daN



**G9 with X6 Included**  
072275

**X6**  
050587  
300 daN



Option SD card  
050914

Option PCB  
97449C

**G ARMS PANELS**

G2 + G3 + G4  
022898

G2 + G3 + G5  
063297

**KIT SMALL ACCESS GENIUS for PTI GENIUS**

included SA 073579

+ G1/G3-SA (Small Access)

+ G4-SA (Small Access)

+ G5/G10/G12-SA (Small Access)

+ G8-SA (Small Access)

077072

+ G5/G10/G12-SA (Small Access)

+ G8-SA (Small Access)

+ G4-SA (Small Access)

+ G5/G10/G12-SA (Small Access)



**X/C/G CONSUMABLES - Consommables X/C/G**

|  |  |  |  |  |
|--|--|--|--|--|
| Type A<br>Cor X clamp<br>Ø 13 mm (x6)<br>049987          | Type D<br>Cor X clamp<br>Ø 13 mm (x10)<br>058507         | TYPE G<br>Ø 13 mm (x10)<br>059672  | Caps type A box<br>048935<br>x40<br>(x6: 049987) | 073449   |
| Type B<br>Cor X clamp<br>Ø 13 mm / Ø 5 mm (x6)<br>055506 | TYPE F<br>For single sided gun<br>Ø 13 mm (x6)<br>049970 | Caps inclinés - Beveled<br>X2, X4, C11 arms<br>Ø 13 mm (x6)<br>049994              | Caps type F box<br>077119<br>x40<br>(x6: 049970) | x20 (x6: 049987)<br>x6 (x6: 049970)<br>x2 (x1: 050617)                       |
| Contact grease<br>Graisse contact<br>050440              | Caps remover<br>050846                                   | Anti-corrosion welding primer<br>- Primaire de soudage<br>anti-corrosion<br>076822 | Spot / Monopoint<br>049291                       | 050068   |
|  |  |  |  | x10 (x20: 052239)<br>x6 (x6: 049994)<br>x18 (x6: 049987)<br>x18 (x6: 049970) |

**CAP GRINDER - Affuteur de caps**

Lame - Blade 052857

048966

Optimal speed: 400-800 rpm

Youtube

**GYRO 360°**

for BPLC/BPLCX 051737

10-14 kg

for PTI 051720

**STEEL SHEET TRACTION BENCH**

- Banc de traction arrache tôle - Blech-Zugbank zur Festigkeitsprüfung

052420

052321 (included)

**WELD TEST KIT - Valise test soudure HLE / THLE**

- Schweißtestkit im Hartschalenkoffer

050433

Barre d'arrachage / Traction bar  
+ Acier doux / Mild steel 0.65 (x25) + 1.0 (x25)  
+ Acier HSLA 360 - HLE 0.8 (x25) + 1.5 (x25)  
+ Acier DP600 - THLE/UHLE 1.0 (x25)  
+ Acier FB560 - THLE/UHLE 2.5 (x25)

**ANTI-ARC PROTECTION 12V**

- Protection anti-arc 12 V  
- Lichtbogenschutz 12V - Protección anti-arco 12V

041318

**PROTECTION COVER**

- Housse de protection  
- Schutzhaube

050853

for BP & PTI

for PTI GENIUS 077126

**SHEETS SET**

- Échantillons de tôles

Acier standard / Standard steel  
0.8 (x65) + 1 (x55) + 1.5 (x35) + 2 (x25)  
+ Alu  
1 (x45) + 1.5 (x30) + 2 (x20)

055841

**ELECTRODE FORCE SENSOR**

- Capteur d'effort

052314

**TANK DRAINING KIT**

- Kit de purge réservoir  
- Kit zur Tankentleerung

058286

for GYSPOT BPLC-s7 / BPLCX-s7 / PTI-s7

**SD MEMORY CARD**

- Carte mémoire SD

SD CARD 050914

**KIT WIFI**

for Gyspot Inverter PTI GENIUS 070691

**COOLING LIQUID**

- Liquide de refroidissement  
- Kühlmittel - Enfriamento líquido  
- Refrigeração líquida

052246

10L



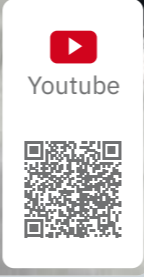
# RIVETING

|                         |    |
|-------------------------|----|
| GYSPRESS 10T            | 77 |
| GYSPRESS 10T PP         | 78 |
| GYSPRESS PREMIUM 10T PP | 79 |
| WORKSTATION             | 81 |
| ADAPTERS                | 83 |
| DIES BOXES & RIVETS     | 84 |
| ACCESSORIES             | 87 |



# RIVETING

PNEUMATIC HYDRAULIC



## BRAS DE RIVETAGE - RIVETING ARMS - STANZNIETBÜGEL



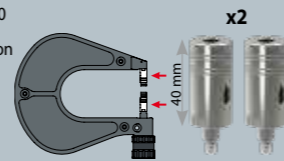
|                               | HR110<br>063310 | HR210<br>063327 | HR310<br>8T PP/10T/10T PP<br>063334 |
|-------------------------------|-----------------|-----------------|-------------------------------------|
| GYPRESS 8T                    | ✓               | ✓               | —                                   |
| GYPRESS 10T                   | ✓               | ✓               | ✓                                   |
| GYPRESS 8T PUSH PULL          | ✓               | ✓               | ✓                                   |
| GYPRESS PREMIUM 10T PUSH PULL | ✓               | ✓               | ✓                                   |
| GYPRESS 10T PUSH PULL         | ✓               | ✓               | ✓                                   |
| GYPRESS 10T CONNECT           | ✓               | ✓               | ✓                                   |



**KIT WITH HR210 + HR310**  
064089

**CASE & FOAM WITHOUT ARMS**  
- Valise et mousses sans bras  
077546

**XT31-40**  
Rallonges bras HR310 pour point milieu - HR310 arm extension for middle point



Compatible 8T PP/10T/10T PP  
066335

## OPTIONS



Riveting machine support for changing accessories (arms & dies)  
- Support Riveteuse pour changements d'accessoires (bras & matrice)  
- Supportständer  
↕ 28 x 40 x 21,5 cm  
⊗ 45 x 39 x 20 cm / 7,2 kg  
054158



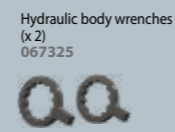
Trolley - Chariot  
↕ 74 x 51 x 81 cm  
⊗ 80 x 123 x 15 cm / 44 kg  
054233



Trolley + Support Chariot + Support  
↕ 51 x 74 x 122 cm  
⊗ 51,2 kg  
055391

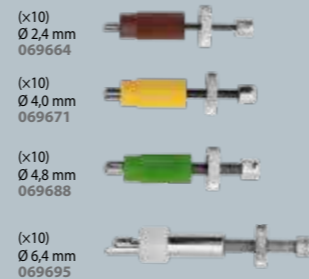


Pressure sensor - Capteur d'effort  
062115



Hydraulic body wrenches (x2)  
067325

Temporary - Serre-tôles - fasteners manual mounting



## GYPRESS 10T

6.5 bar | 100 kN

10t

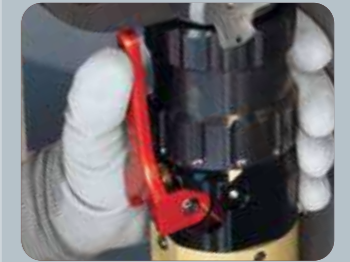
063303



US version  
070653



Pressure gauge  
Psi



Discharge lever  
- Levier de décharge - Auslösehebel



Speed control - Contrôle de la vitesse - Regelung  
Werkzeuggeschwindigkeit



Pressure control  
- Contrôle de la pression - Druckregelung



## GYPRESS 10T COMPLETE PACKS

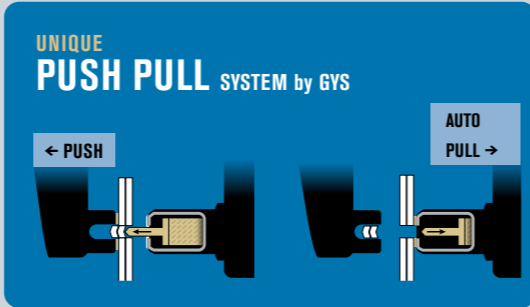
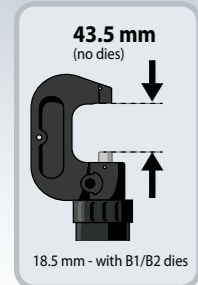
|  | HR110<br>063310 | XT11.21 - Extension for HR110 & HR210<br>058644 | Standard 10T tool box<br>053694 | 6 x 50 rivets RAP - Nieten SPR<br>048706 | HR210 + HR310<br>064089 | 50kN adapter<br>064867 | Pulling adapter kit<br>066076 | Trolley+support<br>055391 |
|--|-----------------|---|---------------------------------|--|-------------------------|------------------------|-------------------------------|---------------------------|
| <b>GYPRESS 10T</b><br>063303<br>070653 | ✓               |   |                                 |  |                         |                        |                               |                           |
| <b>GYPRESS 10T pack 1</b><br>066441    |                 | ✓   |                                 |  |                         |                        |                               |                           |
| <b>GYPRESS 10T pack 2</b><br>066458    |                 |   | ✓                               |  |                         |                        |                               |                           |
| <b>GYPRESS 10T pack 3</b><br>064744    |                 |   |                                 |  |                         |                        |                               | ✓                         |

| MADE IN FRANCE     | AIR BAR                      | PRESSURE CONTROL | SPEED CONTROL | ↕          | ⚖                    | 📦                   |
|--------------------|------------------------------|------------------|---------------|------------|----------------------|---------------------|
|                    |                              |                  |               | cm         | kg                   | LxWxH cm / kg       |
| <b>GYPRESS 10T</b> | 6.5 bar = 10 t (maxi 10 bar) | 0 > 6.5 bar      | + -           | 39.5 x 180 | 6.2 (HR110 included) | 58 x 50 x 15 / 12.1 |

## GYPRESS 10T PUSH PULL

6.5 bar 100 kN  
**10t**

063853



Push/Pull selection  
- Sélection Push/Pull



Pressure control  
- Contrôle de la pression  
- Druckregelung



Speed control  
- Contrôle de la vitesse  
- Regelung Werkzeuggeschwindigkeit

**HYDRAULIC SYSTEM**  
fermé - closed - geschlossen  
**UNIQUE 100%**  
**No air inclusion**  
maintenance free, no oil refill

## GYPRESS 10T PUSH PULL COMPLETE PACKS

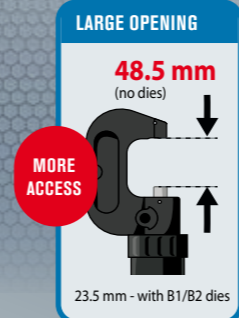
|  |   |   |   |   |  |  |  |  |  |  |   |
|--|---|---|---|---|--|--|--|--|--|--|---|
|  |   |   |   |   |  |  |  |  |  |  |   |
| <b>GYPRESS 10T PUSH PULL</b><br>063853 | ✓ |   |   |   |  |  |  |  |  |  |   |
| <b>GYPRESS 10T PP pack 1</b><br>066465 |   | ✓ |   |   |  |  |  |  |  |  |   |
| <b>GYPRESS 10T PP pack 2</b><br>066472 |   |   | ✓ |   |  |  |  |  |  |  |   |
| <b>GYPRESS 10T PP pack 3</b><br>065789 |   |   |   | ✓ |  |  |  |  |  |  | ✓ |

|                              |                              |                  |               |            |                      |                     |
|------------------------------|------------------------------|------------------|---------------|------------|----------------------|---------------------|
|                              | AIR BAR                      | PRESSURE CONTROL | SPEED CONTROL |            |                      |                     |
|                              |                              |                  |               | cm         | kg                   | LxWxH cm / kg       |
| <b>GYPRESS 10T PUSH PULL</b> | 6.5 bar = 10 t (maxi 10 bar) | 0 > 6.5 bar      | + -           | 39.5 x 180 | 6.7 (HR110 included) | 58 x 51 x 17 / 12.8 |

## GYPRESS PREMIUM 10T PUSH PULL

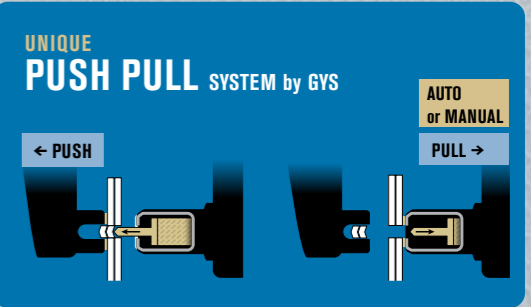
6.5 bar 100 kN  
**10t**

077065



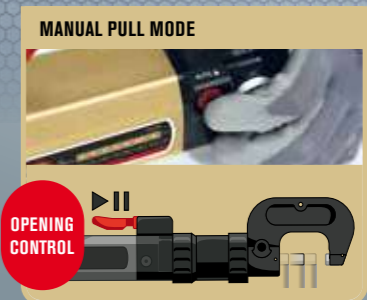
**MORE ACCESS**

**MORE ACCESS**



**WORK FASTER**

Push/Pull selection  
- Sélection Push/Pull



**OPENING CONTROL**

Manual/Automatic selection  
- Sélection Manuel/Automatique



Pressure control  
- Contrôle de la pression  
- Druckregelung



Speed control  
- Contrôle de la vitesse  
- Regelung Werkzeuggeschwindigkeit



**US version**  
070660

Pressure gauge  
Psi

**HYDRAULIC SYSTEM**  
fermé - closed - geschlossen  
**UNIQUE 100%**  
**No air inclusion**  
maintenance free, no oil refill

## GYPRESS 10T PREMIUM PUSH PULL COMPLETE PACK

|  |   |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
|  |   |  |  |  |  |  |  |
| <b>GYPRESS PREMIUM 10T PUSH PULL</b><br>077065 | ✓ |  |  |  |  |  |  |

|                                      |                              |                  |               |            |                      |                     |
|--------------------------------------|------------------------------|------------------|---------------|------------|----------------------|---------------------|
|                                      | AIR BAR                      | PRESSURE CONTROL | SPEED CONTROL |            |                      |                     |
|                                      |                              |                  |               | cm         | kg                   | kg                  |
| <b>GYPRESS 10T PREMIUM PUSH PULL</b> | 6.5 bar = 10 t (maxi 10 bar) | 0 > 6.5 bar      | + -           | 39.5 x 180 | 6.7 (HR110 included) | 59 x 50 x 16 / 13.1 |





GYPRESS

# SYNERGIC RIVETING WORKSTATION

PNEUMATIC HYDRAULIC



UNIQUE 100% No air inclusion maintenance free, no oil refill

## ACCESSIBILITY

16 languages

- FR PR CN
- GB CZ JP
- DE NL VN
- IT SE FI
- ES RU TR

★★★★ SYNERGIC RIVETS SETTINGS

Main panel



Setup instructions

Results

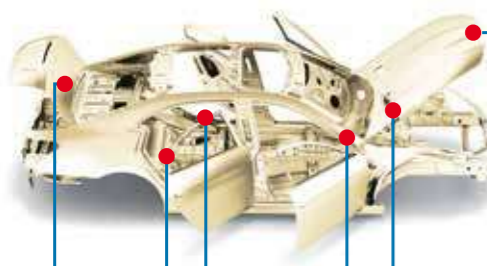
## 3 MODES

- MANUAL
- SYNERGIC
- CAR MANUFACTURERS

## CAR MANUFACTURERS COMPATIBILITY

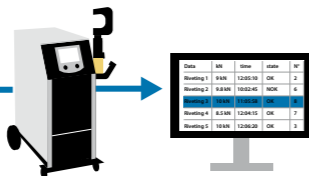
- ✓ VW GROUP
- ✓ MERCEDES-BENZ
- ✓ BMW
- ✓ TESLA
- ✓ FERRARI
- ✓ FORD
- ✓ RENAULT ALPINE
- ✓ GM

## CONNECTIVITY



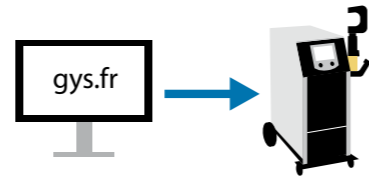
### TRACEABILITY

History data export



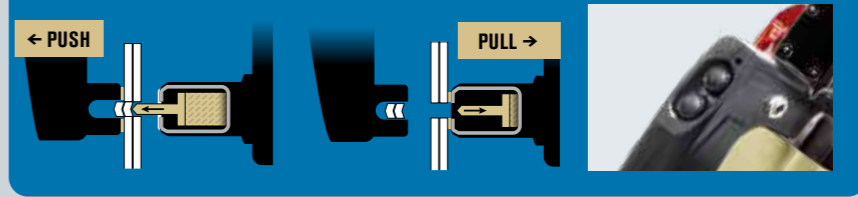
### SOFTWARE UPDATE

Gyspress evolutions

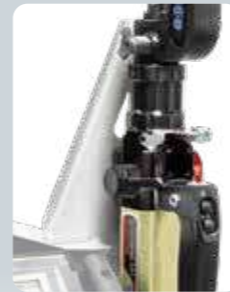


UNIQUE PUSH PULL SYSTEM by GYS

## PUSH PULL SYSTEM by GYS



Gyspress support



Arms support



REGULATED PRESSURE CONTROL

POWER 10t



Discharge lever - Levier de décharge - Auslösehebel

### WORKSTATION GYPRESS 10T PP CONTROL

6.5 bar 100 kN

10t

063860

included

- HR110 063310
- XT11.21 - Extension for HR110 & HR210 058644
- Standard 10T PushPull tool box 058361
- 6 x 50 rivets RAP - Nieten SPR 048706
- Strap-Sangle-Gurt
- HR arm locker
- Poignée-Handle-Griff

### OPTIONS

Pressure gauge - Capteur d'effort 10T PP CONTROL 071759



Youtube

Hydraulic body wrenches for GYPRESS 10T, 10T PushPull, 10T PP CONTROL (x2) 067325



|  |      |  |                                 |                      |                                     |                                      |
|--|------|--|---------------------------------|----------------------|-------------------------------------|--------------------------------------|
| MADE IN FRANCE<br>WORKSTATION GYPRESS 10T PP CONTROL | 230V | AIR BAR<br>6.5 bar = 10t (maxi 10 bar) | PRESSURE CONTROL<br>0 > 6.5 bar | SPEED CONTROL<br>+ - | ↕                                   | 📦                                    |
|  |      |  |                                 |                      | LxWxH cm / kg<br>74 x 50 x 116 / 54 | LxWxH cm / kg<br>76 x 42 x 94 / 64.4 |

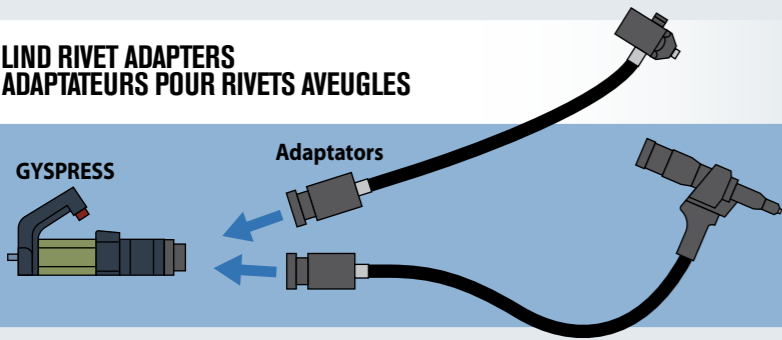
81 GYPRESS CONTROL SYNERGIC RIVETING



**BLIND RIVET ADAPTERS  
- ADAPTATEURS POUR RIVETS AVEUGLES**

GYPESPRESS

Adaptators



**Compatibility**

- GYPESPRESS 10T
- GYPESPRESS 10T PUSH PULL
- GYPESPRESS 10T PUSH PULL PREMIUM
- GYPESPRESS 10T CONNECT



**BLIND RIVET ADAPTER 24 kN - Adaptateur 24 kn pour rivets aveugles - Blindnietadapter 24 kN**

HIGH ACCESSIBILITY



SPECIFIC STORAGE



**24 kN STANDARD** 600 mm  
063822

Pour rivets POP - For BLIND rivets - Für Blindniet  
Acier / Steel: Ø 4.0 → 6.4  
Alu: Ø 4.0 → 7.8



INCLUDED

- 058446
- for standard rivets: Ø 3.2 x 1 059221, Ø 3.6 x 1 059238
- Ø 4.0 x 1 059245, Ø 4.5 x 1 059252

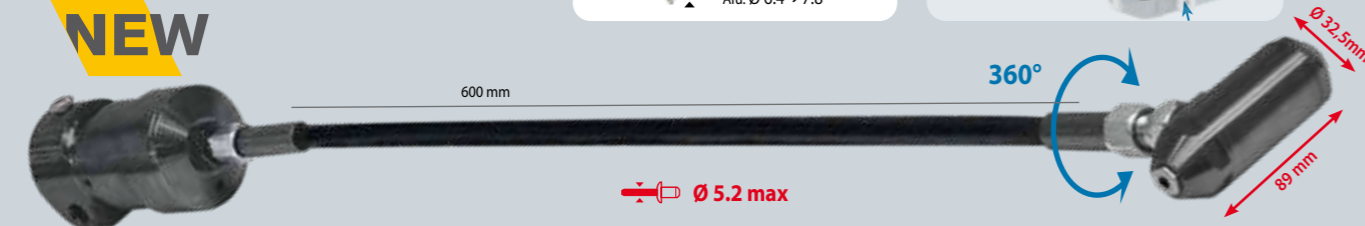
**24 kN COMPACT** 600 mm  
077164

Pour rivets POP - For BLIND rivets - Für Blindniet  
Acier / Steel: Ø 6.4  
Alu: Ø 6.4 → 7.8

COMPACT HEAD



NEW

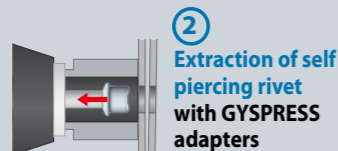
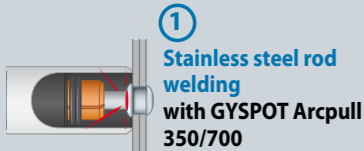


INCLUDED

- 058446
- for standard rivets: Ø 4.5 x 1 059252, Ø 5.2 x 1 079939
- for extraction of self piercing rivet: Rivet-extraction insert - Buse d'extraction 24kN compact Ø 5 079946

**PERFECT COMBO WITH ARCPULL**

**SPECIAL TEARING RIVETS**  
- Spécial arrachage de rivets  
- Spezial-Zugnieten



**OPTION FOR GYSPOT ARCPULL (details p.17)**

for GYSPOT ARCPULL 350

| ARC PULL RIVET BOX1 350 - 24kN<br>064584            |  |   |                                    |                     |                                   |
|---|--|---|------------------------------------|---------------------|-----------------------------------|
|   |  |   |                                    |                     |                                   |
| Stainless steel nail - Tige Inox Ø 4 x 50 mm 064607 | Barrel for stainless steel nail welding - Canon pour pose de tige inox | Mandrel support - Support porte-goujon 059634 | Nozzle + pad - Buse + patin 059641 | mandrel Ø4mm 049000 | Buse d'extraction 24kN Ø 4 064683 |
| x100  | x1   | x1  | x1                                 | x1                  | x1                                |

**BLIND RIVET ADAPTER 50 kN - Adaptateur 50 kn pour rivets aveugles - Blindnietadapter 50 kN**



Stroke adjustment - Réglage de la course de traction  
0 → 25 mm

**50 kN** 1 m  
064867  
▲ 4.0 kg

For BLIND rivets - Pour rivets POP - Für Blindniet

Steel / Acier: Ø 4.0 → 6.4  
Alu: Ø 4.0 → 7.8

INCLUDED

Kit Standard



+ Complete kit 065987



OPTIONS

Steel / Acier: Ø 4.0 → 6.4  
Alu: Ø 4.0 → 7.8

160 mm extension - Extension 160 mm - Verlängerung 160 mm  
066144



Ø 8.0 → 9.8

Ø8.0/9.8mm nozzle-piece kit - Kit Rivets Ø8.0/9.8mm - Mundstückkit 8,0/9,8 mm  
066045



M5 → M14  
M5 → M8

Blind rivet nut pulling, Blind rivet bolt adapter kit - Kit 6 tirants pour pose d'écrous à sertir et goujons à sertir - Blindnietmuttern, Blindnietgewindebolzen-Kit  
066076



**OPTION FOR GYSPOT ARCPULL (details p.17)**

for GYSPOT ARCPULL 350

| ARCPULL RIVET BOX2 350 - 50kN<br>073388 |   |   |                   |                                   |
|---|---|---|-------------------|-----------------------------------|
|   |   |   |                   |                                   |
| Ø 5 x 50 mm 070745                      | Long barrel + mandrel M5 - Canon long + mandrin M5 070738 | Mandrel support - Support porte-goujon 059634 | Buse + pad 059641 | Buse d'extraction 50kN Ø 5 066151 |
| x100                                    | x1  | x1  | x1                | x1                                |

for GYSPOT ARCPULL 700

| ARCPULL RIVET BOX 700<br>068452 |   |                                   |   |                   |                    |  |              |  |              |
|---------------------------------|---|-----------------------------------|---|-------------------|--------------------|--|--------------|--|--------------|
|                                 |   |                                   |   |                   |                    |  |              |  |              |
| Ø 5 x 50 mm 070745              | Long barrel + mandrel M5 - Canon long + mandrin M5 070738 | Buse d'extraction 50kN Ø 5 066151 | Mandrel support - Support porte-goujon 071377 | Buse + pad 059641 | Ring holder 059610 | Rod for pulling rings - Fourche pour anneau 071384 | Vis de butée | Rod for pulling rings - Fourche pour anneau 071384 | Vis de butée |
| x100                            | x1  | x1                                | x1  | x1                | x2                 | x1   | x1           | x1   | x1           |

**CONSUMABLES BOX FOR 50KN ADAPTER - Boîte consommables pour adaptateur 50kN - Zubehörbox für 50 kN Adapter**

|        |  |           |           |           |           |           |                                      |            |        |                                |        |
|--------|--|-----------|-----------|-----------|-----------|-----------|--------------------------------------|------------|--------|--------------------------------|--------|
| 066168 |  |           |           |           |           |           |                                      |            |        |                                |        |
|        | Blind rivet nuts - Écrous à sertir           |           |           |           |           |           | Blind rivet bolts - Goujons à sertir |            |        | Blind rivets - Rivets aveugles |        |
|        | M5   | M6        | M8        | M10       | M12       | M14       | M5                                   | M6         | M8     | Ø 6.4                          | Ø 9.8  |
|        | 22.5 → 27                                    | 24 → 28.5 | 23.5 → 28 | 0.5 → 3.0 | 0.5 → 3.0 | 0.5 → 3.0 | 2.8 → 4.8                            | 3.0 → 14.0 |        |                                |        |
|        | x 50   | x 50      | x 50      | x 50      | x 50      | x 10      | x 50                                 | x 50       | x 50   | x 50                           | x 50   |
|        | 066175                                       | 066182    | 066199    | 066205    | 066212    | 066229    | 066236                               | 066243     | 066250 | 066267                         | 066274 |
|        | + demo metal sheet - plaque de démonstration |           |           |           |           |           | + x10 x10 x10                        |            |        | + x10 x10                      |        |

**Application of self-piercing rivets**  
- Pose de rivets auto-perçants  
- Stanzniet-Verpressen

**Application of solid rivets**  
- Pose de rivets pleins  
- Vollniet-Verpressen

**Application of Flow-form rivets**  
- Pose de rivets Flow-Form  
- Setzen v. Fließformnieten

**Extraction de rivets**  
- Extraction of rivets  
- Niet-Auspressen

**Metal sheet punching and shaping**  
- Perçage et formage des tôles pour rivets  
- Vollniet-Lochstanzen/Prägen

**DIES BOXES - Boîtes matrices - Matrizensätze**

**STANDARD**

**STANDARD 8T/10T**  
for 8T 10T  
053694  
Included XT11-21 058644

|                      |       |          |       |                                |    |     |            |            |          |    |    |     |       |
|----------------------|-------|----------|-------|--------------------------------|----|-----|------------|------------|----------|----|----|-----|-------|
| x1                   | x1    | x1       | x1    | x1                             | x1 | x1  | x2         | x1         | x1       | x1 | x1 | x2  | x4    |
| A1                   | A2    | B1       | B2    | F1                             | F2 | D17 | E1         | E2         | T1       | T2 |    | key | seals |
| Self-piercing rivets |       |          |       | Flow-form rivets               |    |     | Extraction |            | Punching |    |    | key | seals |
| Ø 3.2, 3.5           | Ø 3.3 | Ø 5, 5.3 | Ø 5.3 | Ø 6 - A1/2/3<br>S0/1/2/3/4/5/6 |    |     | Ø 3.3, 4.8 | Ø 3.9, 5.3 | Ø 6      |    |    |     | x1    |

**STANDARD 8T/10T PUSH PULL**  
for 8T PP 10T PP 10T CONTROL  
058361  
Included XT31-60 - 60 mm extension for HR310 (use with ST1, T5, T7) 057135  
+ XT11-21 058644

|                      |       |          |       |                                |    |     |            |            |          |    |    |     |       |
|----------------------|-------|----------|-------|--------------------------------|----|-----|------------|------------|----------|----|----|-----|-------|
| x1                   | x1    | x1       | x1    | x1                             | x1 | x2  | x1         | x1         | x1       | x1 | x2 | x4  |       |
| A1                   | A2    | B1       | B2    | F1                             | F2 | D17 | E1         | E2         | ST1      | T5 | T7 | key | seals |
| Self-piercing rivets |       |          |       | Flow-form rivets               |    |     | Extraction |            | Punching |    |    | key | seals |
| Ø 3.2, 3.5           | Ø 3.3 | Ø 5, 5.3 | Ø 5.3 | Ø 6 - A1/2/3<br>S0/1/2/3/4/5/6 |    |     | Ø 3.3, 4.8 | Ø 3.9, 5.3 | Ø 6      |    |    |     | x1    |

**Low pressure**  
Ø 6.4 mm  
KIT RMB PP05 for 10T PP 10T CONTROL  
Idéal aluminium, aciers doux - Ideal for aluminum, mild steel 066366

**HIGH pressure**  
Ø 6.4 mm  
KIT RMB 08 PREMIUM for 10T 10T PP 10T CONTROL  
Idéal aciers durs, Boron - Ideal for UHSS, Boron 066403

**Flow-Form Ø 6 mm**  
KIT RMB 14 PREMIUM for 10T 10T PP 10T CONTROL  
Idéal aciers durs, Boron - Ideal for UHSS, Boron 071186

**Flow-Form Ø 8 mm**  
KIT RMB 15 PREMIUM for 10T 10T PP 10T CONTROL  
Idéal aciers durs, Boron - Ideal for UHSS, Boron 071193

Ne pas utiliser avec une Gyspress 8T & 8T PP - Do not use with Gyspress 8T & 8T PP

**GM**

**RMB 11** for 10T  
071087

**RMB PP04** for 10T PP 10T CONTROL  
071063

Included XT31-60 - 60 mm extension for HR310

|                  |    |    |            |     |          |    |     |    |    |     |     |     |     |     |     |       |
|------------------|----|----|------------|-----|----------|----|-----|----|----|-----|-----|-----|-----|-----|-----|-------|
| x1               | x1 | x1 | x1         | x1  | x1       | x1 | x1  | x1 | x1 | x3  | x1  | x1  | x2  | x2  | x4  |       |
| F1               | F2 | F6 | E9         | E11 | T1       | T2 | ST1 | T5 | T7 | T17 | T18 | T19 | D18 | D17 | key | seals |
| Flow-form rivets |    |    | Extraction |     | Punching |    |     |    |    |     |     |     |     |     | key | seals |
| Ø 6              |    |    | Ø 6.8      |     | Ø 6      |    |     |    |    |     |     |     |     |     |     |       |

**FERRARI**

**RMB 06** for 8T 10T 8T PP 10T PP 10T CONTROL  
059009

|                      |        |       |        |    |            |            |          |    |     |     |       |       |
|----------------------|--------|-------|--------|----|------------|------------|----------|----|-----|-----|-------|-------|
| x1                   | x1     | x1    | x1     | x1 | x1         | x2         | x1       | x1 | x1  | x2  | x4    |       |
| B4                   | B5     | B6    | S3     | S7 | S8         | D17        | E1       | E2 | E13 | key | seals |       |
| Self-piercing rivets |        |       |        |    | Extraction |            | Punching |    |     |     | key   | seals |
| Ø 3.9                | Ø 4.75 | Ø 3.9 | Ø 4.75 | —  | Ø 3.3, 4.8 | Ø 3.9, 5.3 | Ø 4.75   |    |     |     |       |       |

**VW GROUP**

**RMB 03** for 8T 10T 8T PP 10T PP 10T CONTROL  
054257

|                      |          |       |        |              |    |            |     |       |    |    |    |     |    |    |    |          |    |            |       |       |       |       |       |     |     |       |  |  |  |  |
|----------------------|----------|-------|--------|--------------|----|------------|-----|-------|----|----|----|-----|----|----|----|----------|----|------------|-------|-------|-------|-------|-------|-----|-----|-------|--|--|--|--|
| x1                   | x1       | x1    | x1     | x1           | x1 | x1         | x1  | x1    | x1 | x1 | x1 | x1  | x1 | x1 | x1 | x1       | x2 | x4         |       |       |       |       |       |     |     |       |  |  |  |  |
| A1                   | B1       | S3    | S7     | S8           | D8 | D9         | D17 | D1    | D2 | D3 | D4 | D13 | E2 | S1 | S4 | S5       | D5 | D6         | D7    | D10   | D11   | D12   | D15   | D16 | key | seals |  |  |  |  |
| Self-piercing rivets |          |       |        | Solid rivets |    | Extraction |     |       |    |    |    |     |    |    |    | Punching |    |            |       | key   | seals |       |       |     |     |       |  |  |  |  |
| Ø 3.2, 3.5           | Ø 5, 5.3 | Ø 3.9 | Ø 4.75 | Ø 4          |    | Ø 6        |     | Ø 3.2 |    |    |    |     |    |    |    |          |    | Ø 3.9, 5.3 | Ø 3.2 | Ø 5.3 | Ø 8   | Ø 4.8 | Ø 4.8 | Ø 4 | Ø 8 | Ø 6   |  |  |  |  |

**NIO**

**RMB PP08** for 10T 10T PP 10T CONTROL  
072404

Included XT31-60 - 60 mm extension for HR310

|                      |       |                  |    |    |            |    |    |          |    |     |    |     |     |     |     |       |     |       |
|----------------------|-------|------------------|----|----|------------|----|----|----------|----|-----|----|-----|-----|-----|-----|-------|-----|-------|
| x1                   | x1    | x1               | x1 | x1 | x1         | x1 | x1 | x1       | x1 | x1  | x3 | x1  | x2  | x1  | x2  | x4    |     |       |
| B1                   | B2    | F1               | F2 | F6 | E2         | E3 | E9 | E11      | T5 | ST1 | T7 | T17 | T18 | T19 | D17 | D18   | key | seals |
| Self-piercing rivets |       | Flow-form rivets |    |    | Extraction |    |    | Punching |    |     |    |     |     |     | key | seals |     |       |
| Ø 5.3                | Ø 5.3 | Ø 6              |    |    | Ø 5.3      |    |    | Ø 6      |    |     |    |     |     |     |     |       |     |       |

**MERCEDES-BENZ**

**RMB 07** for 10T  
064454

Included XT31-60 - 60 mm extension for HR3 (use with E3, E4, E5, E9, E10, E11) 057135

|                                |    |    |    |    |    |    |    |                 |     |     |          |          |     |     |       |     |     |      |     |     |  |
|--------------------------------|----|----|----|----|----|----|----|-----------------|-----|-----|----------|----------|-----|-----|-------|-----|-----|------|-----|-----|--|
| x1                             | x1 | x1 | x1 | x1 | x1 | x1 | x1 | x1              | x1  | x1  | x1       | x1       | x1  | x1  | x1    | x1  | x1  | x2   |     |     |  |
| F1                             | F2 | F3 | F4 | F5 | —  | —  | —  | E9              | E10 | E11 | T1       | T2       | T3  | T4  |       |     | clé | -key |     |     |  |
| Flow-form rivets               |    |    |    |    |    |    |    | Extraction      |     |     | Punching |          |     |     |       |     |     |      |     |     |  |
| Ø 6 - A1/2/3<br>S0/1/2/3/4/5/6 |    |    |    |    |    |    |    | S28/38/48/58/68 |     |     | S08/18   | Ø 5.3, 8 | Ø 6 | Ø 8 | Ø 6.8 | Ø 8 | Ø 6 | Ø 6  | Ø 6 | Ø 8 |  |

**RMB PP01** for 8T PP 10T PP 10T CONTROL  
058378

Included XT31-60 - 60 mm extension for HR3

|                                |    |    |    |    |    |    |    |                 |     |     |          |       |     |     |     |     |     |      |     |     |  |
|--------------------------------|----|----|----|----|----|----|----|-----------------|-----|-----|----------|-------|-----|-----|-----|-----|-----|------|-----|-----|--|
| x1                             | x1 | x1 | x1 | x1 | x1 | x1 | x1 | x1              | x1  | x1  | x1       | x1    | x1  | x1  | x1  | x1  | x1  | x2   |     |     |  |
| F1                             | F2 | F3 | F4 | F5 | —  | —  | —  | E9              | E10 | E11 | ST1      | ST2   | T5  | T7  | T8  | T10 | key | -key |     |     |  |
| Flow-form rivets               |    |    |    |    |    |    |    | Extraction      |     |     | Punching |       |     |     |     |     |     |      |     |     |  |
| Ø 6 - A1/2/3<br>S0/1/2/3/4/5/6 |    |    |    |    |    |    |    | S28/38/48/58/68 |     |     | S08/18   | Ø 6.8 | Ø 8 | Ø 6 | Ø 6 | Ø 8 | Ø 6 | Ø 6  | Ø 8 | Ø 8 |  |

**FORD**

**RMB PP02** for 10T 8T PP 10T PP 10T CONTROL  
058835

Included XT31-60 - 60 mm extension for HR3 (use with E7 & E12) 057135

|                      |    |    |    |    |    |    |    |            |     |      |       |         |    |
|----------------------|----|----|----|----|----|----|----|------------|-----|------|-------|---------|----|
| x1                   | x1 | x1 | x1 | x1 | x1 | x1 | x1 | x1         | x1  | x1   | x1    | x2      | x4 |
| B1                   | G1 | G2 | G3 | G4 | G5 | G6 | E7 | E12        | key | -clé | seals | -joints |    |
| Self-piercing rivets |    |    |    |    |    |    |    | Extraction |     |      |       |         |    |
| Ø 5.3                |    |    |    |    |    |    |    | Ø 5.3      |     |      |       |         |    |

**JAGUAR / LAND ROVER**

**RMB 02** for 8T 10T 8T PP 10T PP 10T CONTROL  
054271

|                      |       |       |        |            |            |            |     |         |
|----------------------|-------|-------|--------|------------|------------|------------|-----|---------|
| x1                   | x1    | x1    | x1     | x2         | x1         | x1         | x2  | x4      |
| B1                   | B2    | B3    | S8     | D17        | E1         | E6         | clé | seals   |
| Self-piercing rivets |       |       |        | Extraction |            |            | key | -joints |
| Ø 5.3                | Ø 5.3 | Ø 4.8 | Ø 4.75 | —          | Ø 3.3, 4.8 | Ø 3.3, 4.8 |     |         |

**BMW**

**RMB 01** for 8T 10T 8T PP 10T PP 10T CONTROL  
054240

|                      |       |          |       |            |            |     |       |         |
|----------------------|-------|----------|-------|------------|------------|-----|-------|---------|
| x1                   | x1    | x1       | x1    | x1         | x1         | x2  | x4    |         |
| A1                   | A2    | B1       | B2    | E1         | E2         | key | seals |         |
| Self-piercing rivets |       |          |       |            | Extraction |     | key   | -joints |
| Ø 3.2, 3.5           | Ø 3.3 | Ø 5, 5.3 | Ø 5.3 | Ø 3.3, 4.8 | Ø 3.9, 5.3 |     |       |         |

**RMB 12** for 10T  
071094

**RMB PP07** for 10T PP 10T CONTROL  
071070

Included XT31-60 - 60 mm extension for HR310

|                      |    |    |    |    |                  |    |    |            |     |          |    |     |    |    |     |     |     |     |     |     |       |
|----------------------|----|----|----|----|------------------|----|----|------------|-----|----------|----|-----|----|----|-----|-----|-----|-----|-----|-----|-------|
| x1                   | x1 | x1 | x1 | x1 | x1               | x1 | x1 | x1         | x1  | x1       | x1 | x1  | x1 | x1 | x3  | x1  | x1  | x2  | x2  | x4  |       |
| B1                   | B3 | I1 | I2 | I3 | F1               | F2 | F6 | E3         | E13 | T1       | T2 | ST1 | T5 | T7 | T17 | T18 | T19 | D18 | D17 | key | seals |
| Self-piercing rivets |    |    |    |    | Flow-form rivets |    |    | Extraction |     | Punching |    |     |    |    |     |     |     |     |     | key | seals |
| Ø 5.3                |    |    |    |    | Ø 6              |    |    | Ø 3.3, 4.8 |     | Ø 9      |    |     |    |    |     |     |     |     |     |     |       |

**PORSCHE**

**RMB 10** for 10T  
069299

**RMB PP06** for 10T PP 10T CONTROL  
069305

Included XT31-60 - 60 mm extension for HR310

|                  |    |            |     |          |    |    |     |    |    |     |     |     |     |     |       |    |    |    |    |
|------------------|----|------------|-----|----------|----|----|-----|----|----|-----|-----|-----|-----|-----|-------|----|----|----|----|
| x1               | x1 | x1         | x1  | x1       | x1 | x1 | x1  | x1 | x1 | x1  | x1  | x1  | x1  | x1  | x3    | x1 | x2 | x2 | x4 |
| B3               | F2 | E9         | E11 | —        | —  | T5 | ST1 | —  | T7 | T17 | T18 | T19 | D17 | key | seals |    |    |    |    |
| Flow-form rivets |    | Extraction |     | Punching |    |    |     |    |    |     |     |     |     | key | seals |    |    |    |    |
| Ø 6              |    | Ø 6.8      |     | Ø 6      |    |    |     |    |    |     |     |     |     |     |       |    |    |    |    |

**TESLA**

**RMB 09** for 8T 10T 8T PP 10T PP 10T CONTROL  
059931

|                      |    |    |    |    |    |    |    |    |     |      |       |         |    |    |    |    |    |
|----------------------|----|----|----|----|----|----|----|----|-----|------|-------|---------|----|----|----|----|----|
| x1                   | x1 | x1 | x1 | x1 | x1 | x1 | x1 | x1 | x1  | x1   | x1    | x1      | x1 | x1 | x1 | x2 | x4 |
| B1                   | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | key | -clé | seals | -joints |    |    |    |    |    |
| Self-piercing rivets |    |    |    |    |    |    |    |    |     |      |       |         |    |    |    |    |    |
| Ø 5.3                |    |    |    |    |    |    |    |    |     |      |       | Ø 5.3   |    |    |    |    |    |

**RMB 13** for 10T  
071100

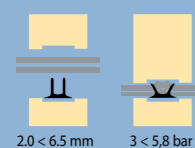
**RMB PP03** for 8T PP 10T PP 10T CONTROL  
059092

Included XT31-60 - 60 mm extension for HR3 (use with E2, E3, E9, E10) 057135

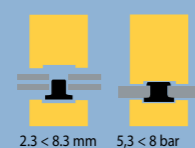
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|----------------------|----|----|----|------------------|----|-----|-----------------|----|----|-----|----------|----|----|----|------------|------|------|----|----------|--|-------|--|-----|--|--|--|
| x1                   | x1 | x1 | x1 | x1               | x1 | x2  | x1              | x1 | x1 | x1  | x1       | x1 | x1 | x1 | x1         | x1   | x1   | x2 | x4       |  |       |  |     |  |  |  |
| B1                   | S7 | S8 | F3 | F4               | F5 | D17 | E2              | E3 | E9 | E10 | —        | —  | —  | T3 | T4         | key  | -clé |    |          |  |       |  |     |  |  |  |
| Self-piercing rivets |    |    |    | Flow-form rivets |    |     | Extraction      |    |    |     | Punching |    |    |    | key        | -clé |      |    |          |  |       |  |     |  |  |  |
| Ø 5.3                |    |    |    | Ø 4.75           |    |     | S28/38/48/58/68 |    |    |     | S08/18   |    |    |    | Ø 3.9, 5.3 |      |      |    | Ø 5.3, 8 |  | Ø 6.8 |  | Ø 8 |  |  |  |

**DIES - Matrices - Matrizen**

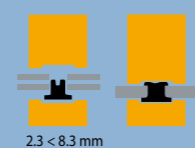
Application of self-piercing rivets  
- Pose de rivets auto-perçants  
- Stanzniet-Verpressen



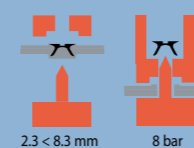
Application of solid rivets  
- Pose de rivets pleins  
- Vollniet-Verpressen



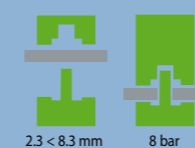
Pose de rivets Flow-Form  
- Application of Flow-form rivets  
- Setzen v. Fließformnieten



Extraction of rivets  
- Extraction de rivets  
- Niet-Auspressen



Metal sheet punching and shaping  
- Perçage et formage des tôles pour rivets  
- Vollniet-Lochstanzen/Prägen



|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Ø 8    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| A1     | A2     | B1     | B2     | B3     | B4     | B5     | B6     | D1     | D2     | D3     | D4     | D5     | D6     | D7     | D8     | D9     | D10    | D11    | D12    | D13    |
| 055698 | 055704 | 055711 | 055728 | 055735 | 059016 | 059023 | 059030 | 055971 | 055988 | 055995 | 055742 | 056008 | 056015 | 056022 | 056039 | 056046 | 055674 | 056060 | 056053 | 055759 |
| A1+A2  |        |        |        | B1+B2  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 054295 |        |        |        | 054301 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

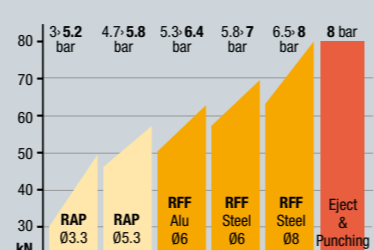
|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
| D15    | D16    | D17    | D18    | E1     |        |        | E2     | E3     | E6     | E7     | E9     | E10    | E11    | E12    | E13    | F1     | F2     | F3     | F4 |
| 056077 | 056084 | 055681 | 071155 | 055865 | 054288 | 055766 | 057005 | 057142 | 057159 | 058606 | 058613 | 058620 | 058828 | 059085 | 055773 | 055780 | 055797 | 055803 |    |
| E1+E2  |        |        |        |        |        |        | F1+F2  |        |        |        |        |        |        |        |        |        |        |        |    |
| 054318 |        |        |        |        |        |        | 054714 |        |        |        |        |        |        |        |        |        |        |        |    |

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| F5     | F6     | G1     | G2     | G3     | G4     | G5     | G6     | H1     | H2     | H3     | H4     | H5     | H6     | H7     | H8     | I1     | I2     | I3     |
| 055810 | 071148 | 057173 | 057180 | 057197 | 057203 | 057210 | 057227 | 068230 | 068247 | 068254 | 068261 | 068278 | 068285 | 068292 | 068308 | 071117 | 071124 | 071131 |

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|
| Ø 6    |        |        |        |        |        | Ø 6    |        |        |        |        |        | Ø 8    |        |        |        |        |        | Ø 6.7  |        |  |  |  |  |
| S1     | S3     | S4     | S5     | S7     | S8     | ST1    | ST2    | ST3    | T1     | T2     | T3     | T4     | T5     | T7     | T8     | T10    | T12    | T13    |        |  |  |  |  |
| 057036 | 057043 | 057050 | 057067 | 057074 | 057081 | 058071 | 058088 | 066397 | 057098 | 059078 | 057104 | 055827 | 055834 | 058019 | 058033 | 058040 | 058064 | 066373 | 066380 |  |  |  |  |
| T1+T2  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |  |  |
| 054707 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |  |  |

**GYS PATENT BREVET GYS**

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Ø 6.7  |        | Ø 6    |        | Ø 8    |        |        |        |        |        |        |        |
| x1     | x1     | x5     | x1     | x1     | x1     | x5     | x1     | x1     | x1     | x5     | x1     |
| T14    | T15    | T16    | T17    | T18    | T19    | T20    | T21    | T22    |        |        |        |
| 066410 | 066427 | 068964 | 066434 | 069312 | 069329 | 071254 | 069336 | 070936 | 070943 | 071261 | 070950 |



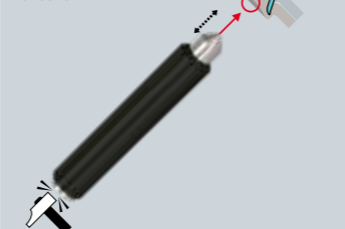
**SELF PIERCING RIVETS (SPR)**  
- Rivets auto-perçants (RAP) - Stanznieten

Steel - Acier - Stahl

|                     |                   |                   |                   |                   |                   |              |              |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------|--------------|
| Complete box 048706 |                   |                   |                   |                   |                   |              |              |
| Ø 3,3 x 3,5 mm x 50 | Ø 3,3 x 4 mm x 50 | Ø 5,3 x 4 mm x 50 | Ø 5,3 x 5 mm x 50 | Ø 5,3 x 6 mm x 50 | Ø 5,3 x 8 mm x 50 | Ø 5,3 x 7 mm | Ø 5,3 x 9 mm |
| x200 048232         | x200 048249       | x100 048256       | x100 048263       | x100 048270       | x100 048225       | x100 048638  | x100 048645  |

**SPECIAL CENTER PUNCH**  
- Pointeau centreur - Spezialkörner

048379



**HYDROPNEUMATIC TOOL FOR BLIND RIVETS**  
- Riveteuse hydro-pneumatique - Hydro-pneum. Blindnietgerät

**HR9**

For BLIND rivets - Pour rivets POP - Für Blindniet  
Steel / Acier Ø 3.2/4.0/4.8  
Alu Ø 3.2/4.0/4.8

**max 9 000 N**

057234

Made in Taiwan



**HYDROPNEUMATIC TOOL FOR BLIND RIVETS**  
- Riveteuse hydro-pneumatique - Hydro-pneum. Blindnietgerät

**HR14**

For BLIND rivets - Pour rivets POP - Für Blindniet  
Steel / Acier Ø 4.0/4.8/6.4  
Alu Ø 4.0/4.8/6.4

**max 14 000 N**

057241

Made in Taiwan



**CORDLESS RIVETER** - Riveteuse sur batterie  
- Akku-Blindnietgerät

**TWO ER20**

For BLIND rivets - Pour rivets POP - Für Blindniet  
Ø 4.0/4.8/5.0/6.0/6.4

**max 20 000 N (6 bar)**  
10-20 V universal fast charger (30 min)  
2.0 kg



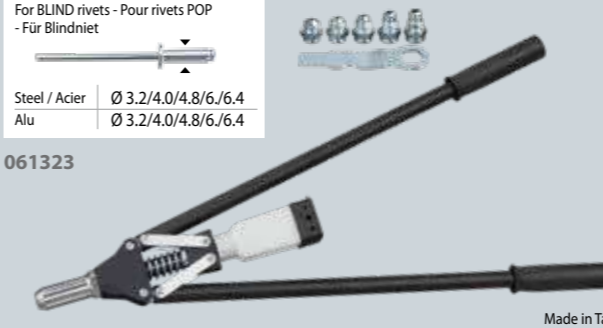
**MANUAL TOOL FOR BLIND RIVETS**  
- Riveteuse manuelle - Manueller Blindnietgerät

For BLIND rivets - Pour rivets POP - Für Blindniet

Steel / Acier Ø 3.2/4.0/4.8/6.4  
Alu Ø 3.2/4.0/4.8/6.4

061323

Made in Taiwan



**HYDROPNEUMATIC TOOL FOR RIVET NUTS** - Sertisseuse hydro-pneumatique riv 998 - Hydro-pneum. Blindnietmuttergerät

**RIV 998**

Sealing nuts - Ecrous à sertir - Blindnietmutter

For sealing nuts from M3 to M12  
Pour la pose d'écrous à sertir M3 à M12

**max 19 000 N (6 bar)**  
included accessories for sealing nuts:  
- livré avec accessoires pour écrous à sertir:  
✓ M3  
✓ M4  
✓ M5  
✓ M6  
✓ M8  
✓ M10  
✓ M12

055414



**HYDROPNEUMATIC TOOL FOR BLIND RIVETS**  
- Riveteuse hydro-pneumatique - Hydro-pneum. Blindnietgerät

**HR21**

For BLIND rivets - Pour rivets POP - Für Blindniet  
Ø 4.0 → 7.8

**max 21 000 N (6 bar)**

055407





# MIG-MAG

## GMAW-FCAW

### TRADITIONAL

|          |    |
|----------|----|
| GYS AUTO | 90 |
|----------|----|

### INVERTER

|            |    |
|------------|----|
| MULTEPEARL | 91 |
|------------|----|

|            |    |
|------------|----|
| E GYS AUTO | 92 |
|------------|----|

|           |    |
|-----------|----|
| AUTOPULSE | 95 |
|-----------|----|

|                           |    |
|---------------------------|----|
| ACCESSORIES & CONSUMABLES | 98 |
|---------------------------|----|

# MIG/MAG TRADITIONAL SYNERGIC

**15 → 200 A**  
Ideal 0,6 mm



**SYNERGIC - EASY TO USE**  
Réglage automatique de la vitesse \ Auto adaptative wire speed  
Automatische Einstellung der Drahtgeschwindigkeit

**Capacitor**  
M1GYS AUTO, M3GYS AUTO  
> PERFECT WELD

Without capacitor  
With capacitor  
ENERGY SAVING

**M1 GYS AUTO**

15 → 160 A Capacitor

230V • 1~  
032903

208/240V • 1~  
032088

with accessories

**T1 GYS AUTO DV**

15 → 200 A

400V • 3~ / 230V • 3~  
032927

with accessories

**M3 GYS AUTO**

15 → 160 A Capacitor

230V • 1~  
032880

2 x 4 m<sup>3</sup> (20L)

**100% READY**

Ø 100 mm  
Ø 200 mm  
Ø 300 mm / 200 mm



# MIG/MAG INVERTER SYNERGIC

**PFC POWER FACTOR CORRECTION**  
185 V ← 265 V

**FV FLEXIBLE VOLTAGE**  
85 V ← 265 V

**SR SECONDARY REGULATION**  
1 (A) STABLE

**SPECIFIC SYNERGIES FOR CAR BODY**

**1 MIG / SYNERGIC**  
Easy to use

- material → Fe CrNi
- Ø wire → AlMg5 AISi5 CuAl8 AISi12 F.C.
- position ↓ ↘ ↗ ↙
- thickness ± : 0.5 → 6 mm
- Adjust arc length

**2 MIG / MANUAL**  
Enter your parameters

Adjust Spot & Delay

**3 MMA**

**4 TIG lift**

**MULTIPEARL AUTO**

200 A

Ø 200/300

400 PFC FV SR GAS NO GAS MMA TIG

075412

3 m, 2.5 m, 16 mm<sup>2</sup>, 2 m, 16 mm<sup>2</sup>



**Spool Gun Torch**  
- Torche motorisée Spool Gun  
- Spool Gun Brenner

041486

Ø 100

Ideal for  
- Steel / Acier / Stahl  
- Stainless steel / Inox  
- Alu

4m

included 045699

**SPOOL GUN + Support**  
for M3 GYS AUTO

038554

15L / min (FR) 041998  
(UK) 040274  
(NL) 040267  
(IT) 038691

OPTIMAPRO 30L / min (FR) 043619  
(UK) 043626  
(DE) 043633  
(NL) 043640

30L / min (FR) 041622  
(UK) 041646  
(DE) 041219  
(NL) 041615  
(IT) 038707

041332

**M3GYS** : Protection cover  
- Houuse de protection  
- Schutzhaube

052260

041806

MB 15 (150A)  
041226

x3 x5 x3

x5 (M6-Ø0,6)  
x5 (M6-Ø0,8)  
x5 (Alu - M6-Ø0,8)

| MADE IN FRANCE | MADE IN GYS CHINA | CE NORIA 60974/1 | 50/60 Hz          | A  | min → max | Reg | 100 (spoolgun) | 200 | 300 | Electronic Control | EN60974-1 (40 °C) |             | Ø mm  | Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica | LxWxH cm / kg | Protected & compatible power generator (+/-15%) |         |
|----------------|-------------------|------------------|-------------------|----|-----------|-----|----------------|-----|-----|--------------------|-------------------|-------------|-------|---|---------------|---|---------|
|                |                   |                  |                   |    |           |     |                |     |     |                    | IA (60%)          | X% (I2 max) |       |   |               |   |         |
|                |                   |                  | 230V 1~           | 16 | 15 → 160  | 6   | option         |     |     | 400                | 90                | 140A@15%    | 0.6+1 | 0.6/0.8   | 0.8           | 78 x 38 x 67 / 56                               | 4,5 kVA |
|                |                   |                  | 208/240V 1~       |    |           |     |                |     |     |                    |                   |             |       |   |               | 37 x 79 x 67 / 57,5                             |         |
|                |                   |                  | 230V 3~ / 400V 3~ | 10 | 15 → 200  | 7   | option         |     |     | 400                | 110               | 150A@25%    | 0.6+1 | 0.6/0.8   | 0.8           | 37 x 78 x 67 / 62                               | 5,2 kVA |
|                |                   |                  | 230V 1~           | 16 | 15 → 160  | 6   |                |     |     | 400                | 90                | 140A@15%    | 0.6+1 | 0.6/0.8<br>0.8/1.0  | 2 x 0.8       | 74 x 40 x 85 / 77,5                             | 4,5 kVA |
|                |                   |                  | 110V 1~           | 32 | 20 → 150  | -   |                |     |     | 400                | 100               | 150 A @22%  | 0.6+1 | 0.8/1.0   | 0.8           | 79 x 30 x 67 / 37,5                             | 7,5 kW  |
|                |                   |                  | 230V 1~           | 16 | 20 → 200  |     |                |     |     | 400                | 130               | 200 A @22%  |       |   |               |   |         |



# MIG/MAG INVERTER SYNERGIC

Latest generation  
colour screen 3.5"

**NEW**

### 16 languages

- French
- English
- German
- Italian
- Spanish
- Portuguese
- Czech
- Polish
- Dutch
- Swedish
- Russian
- Chinese
- Japanese
- Vietnamese
- Finnish
- Turkish

### EASY



### EXPERT

Pre-gas / Creep speed / Hotstart /  
Crater filler / Burnback / Post-gas



### EASY TO SETUP



### MODES

- MANUEL
- SYNERGIC EASY / EXPERT
- 2T
- 4T
- SPOT
- DELAI

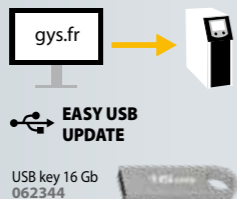
### FONCTIONS

- TRACEABILITY
- PORTABILITY
- +500 JOBS can be saved

### SYNERGIES

- STEEL
- AlSi
- AlMg
- Cu Si 3 / CuAl 8
- CrNi

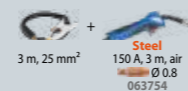
### UPDATES



### E1 GYS AUTO

10 **200 A** 230V 1~ PFC

with accessories :



075122

### E2 GYS AUTO

10 **200 A** 230V 1~ PFC

with accessories :

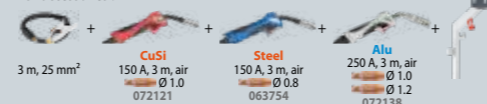


075139

### E3 GYS AUTO

10 **200 A** 230V 1~ PFC

with accessories :



075160

**NEW**



10 m³ (50L)

1 x

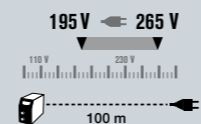
6 m

E1 GYS AUTO 200 A • × 1



**10 → 200 A**  
Ideal 0.6 mm

### PFC POWER FACTOR CORRECTION



E2 GYS AUTO 200 A • × 2

E3 GYS AUTO 200 A • × 3

| MADE IN FRANCE | CE NORM. 60974/1 | 50/60 Hz | A  | 6 m | min → max<br>A | Ø mm |     | Electronic Control | EN60974-1 (40°C) |             | Original equipment<br>Equipement d'origine<br>Originalausstattung<br>Equipamiento de fabrica | LxWxH cm / kg        | Protected & compatible power generator (+/-15%) |
|----------------|------------------|----------|----|-----|----------------|------|-----|--------------------|------------------|-------------|--|----------------------|---|
|                |                  |          |    |     |                | 200  | 300 |                    | IA (60%)         | X% (I2 max) |  |                      |   |
| ▪              | E1 GYS AUTO      | 230V 1~  | 16 | 6 m | 10 → 200       | ▪    | ▪   |                    | 145              | 20          | Acier Type B 0.6/0.8   | 79 x 37 67 / 42.6    | 9KVA  |
| ▪              | E2 GYS AUTO      | 230V 1~  | 16 | 6 m | 10 → 200       | ▪    | ▪   |                    | 145              | 20          | Acier Type B 0.6/0.8<br>Alu Type B 0.8/1   | 72 x 37 x 105 / 59.5 | 9KVA  |
| ▪              | E3 GYS AUTO      | 230V 1~  | 16 | 6 m | 10 → 200       | ▪    | ▪   |                    | 145              | 20          | Acier Type B 0.6/0.8<br>Acier Type B 0.8/1<br>Alu Type B 0.8/1                               | 73 x 38 x 108 / 64   | 9KVA  |



AUTOPULSE

# MIG/MAG INVERTER DOUBLE PULSE

Latest generation  
colour screen 5"  
800 x 480 (WVGA)



EASY



3 INTERFACE LEVELS

ADVANCED  
Arc length adjustments



EXPERT

Pre-gas / Hot Start / Upslope / Downslope /  
Crater filler / Post-gas



## ACCESSIBILITY

3 interface levels

- EASY
- EXPERT
- ADVANCED

16 languages

- French
- English
- German
- Italian
- Spanish
- Portuguese
- Czech
- Polish
- Dutch
- Swedish
- Russian
- Chinese
- Japanese
- Vietnamese
- Finnish
- Turkish

500+ JOBS can be saved



TRACEABILITY



PORTABILITY

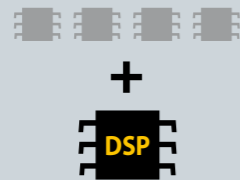


MODES

- DYNAMIC STANDARD
- PULSE
- PULSE IN PULSE
- MANUAL
- COLD PULSE

FULLY DIGITAL

4 MICROPROCESSORS



65+ SYNERGIES

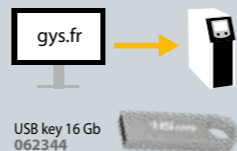
Find all the synergies:  
Retrouvez toutes les synergies:  
Finde alle Synergien:



- STEEL
- Cu Si 3 / Cu Al 8
- ALU

UPDATES

EASY USB UPDATE



USB key 16 Gb  
062344

OPTIONS

PUSH PULL TORCH 24 V



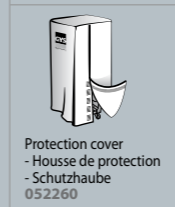
Motor inside



NEW  
MB 15 / MB 25  
(250 A)  
077089



Torch gas flow-meter  
- Débitmètre de  
bout de torche  
053939



Protection cover  
- Housse de protection  
- Schutzhaube  
052260

AUTOPULSE 220-M1



AUTOPULSE 220-M2



AUTOPULSE 220-M1

15 220 A 230V 1~ PFC

with accessories:



065024

AUTOPULSE 220-M1 208-240V

15 220 A 208>240V 1~ PFC

with accessories:

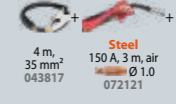


070868

AUTOPULSE 220-M2

15 220 A 230V 1~ PFC

with accessories:



069855

AUTOPULSE 220-M2 208-240V

15 220 A 208>240V 1~ PFC

with accessories:

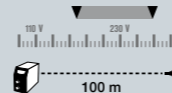


069862



PFC POWER FACTOR CORRECTION

185 V ~ 265 V



220 A • x1

220 A • x2

| MADE IN FRANCE<br>EM60974-1 | 50 / 60 Hz     | A   | Ø mm | A       | SPOOLGUN | PUSH/PULL | Ø mm   | Cooling system | ELECTRONIC CONTROL                                    | EN60974-1 (40°C) |             | LxWxH cm / kg       | Protected & compatible power generator (+/-15%) |
|-----------------------------|----------------|-----|------|---------|----------|-----------|--------|----------------|---|------------------|-------------|---------------------|---|
|                             |                |     |      |         |          |           |        |                |   | IA (60%)         | X% (I2 max) |                     |   |
| AUTOPULSE 220-M1            | 230 V · 1~     | 8 m | 16   | 0.6+1.2 | 10+220   | -         | OPTION | Air            | ALU : Type B 1.0 / 1.2                                | 150              | 220 A @ 20% | 75 x 41 x 94 / 65.5 | 10 kVA  |
| AUTOPULSE 220-M1 208-240V   | 208>240 V · 1~ | 8 m | 16   | 0.6+1.2 | 10+220   | -         | OPTION | Air            | ALU : Type B 1.0 / 1.2                                | 150              | 220 A @ 20% | 75 x 41 x 94 / 62.6 | 10 kVA  |
| AUTOPULSE 220-M2            | 230 V · 1~     | 8 m | 16   | 0.6+1.2 | 10+220   | -         | OPTION | Air            | ACIER : Type B 0.8 / 1.0 mm<br>ALU : Type B 1.0 / 1.2 | 150              | 220 A @ 20% | 74 x 41 x 93 / 78.8 | 10 kVA  |
| AUTOPULSE 220-M2 208-240V   | 208>240 V · 1~ | 8 m | 16   | 0.6+1.2 | 10+220   | -         | OPTION | Air            | ACIER : Type B 0.8 / 1.0 mm<br>ALU : Type B 1.0 / 1.2 | 150              | 220 A @ 20% | 74 x 40 x 93 / 79.8 | 10 kVA  |

AUTOPULSE  
INVERTER PULSE MIG 1





# MIG/MAG INVERTER DOUBLE PULSE

BODYSHOP SPECIFIC  
**COLD PULSE**  
CuSi3 Ø 0.8/1



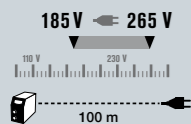
Helmet not included

2 x 4 m<sup>3</sup>  
(20L)

3 x

8 m

PFC POWER FACTOR CORRECTION



**AUTOPULSE 220-M3**

|   |  |  |  |    |
|---|--|--|--|----|
| 1 |  |  |  | PP |
| 2 |  |  |  |    |
| 3 |  |  |  |    |

LIC ELECTRONIC

**AUTOPULSE 220-M3**  
15 **220 A** 230V 1~ PFC

with accessories:  
4 m, 35 mm<sup>2</sup> 043817 + CuSi 150 A, 3 m, air Ø 1.0 072121 + Steel 150 A, 3 m, air Ø 0.8 063754 + Alu 250 A, 3 m, air Ø 1.0 + Ø 1.2 072138

**AUTOPULSE 220-M3 208-240V**  
15 **220 A** 208>240V 1~ PFC

with accessories:  
4 m, 35 mm<sup>2</sup> 043817 + CuSi 150 A, 3 m, air Ø 1.0 072121 + Steel 150 A, 3 m, air Ø 0.8 063754 + Alu 250 A, 3 m, air Ø 1.0 + Ø 1.2 072138

### OPTIONS

#### PUSH PULL TORCH 24 V



MB 15 / MB 25 (250 A) 077089

Torch gas flow-meter - Débitmètre de bout de torche 053939  
Protection cover - Housse de protection - Schutzhaube 052260

**AUTOPULSE 320-T1**    **AUTOPULSE 320-T3**    **AUTOPULSE 320-T3 208-240V**

|   |  |  |  |    |
|---|--|--|--|----|
| 1 |  |  |  | PP |
| 2 |  |  |  |    |
| 3 |  |  |  |    |

LIC ELECTRONIC

**AUTOPULSE 320-T1**  
15 **320 A** 400V 3~

with accessories:  
4 m, 35 mm<sup>2</sup> 043817 + Alu 250 A, 3 m, air Ø 1.0 072138

069831

**AUTOPULSE 320-T3**  
15 **320 A** 400V 3~

with accessories:  
4 m, 35 mm<sup>2</sup> 043817 + Steel 250 A, 3 m, air Ø 1.0 072152 + Steel 250 A, 3 m, air Ø 0.8 072145 + Alu 250 A, 3 m, air Ø 1.0 + Ø 1.2 072138

067615

**AUTOPULSE 320-T3 208-240V**  
15 **320 A** 208>240V 3~ PFC

with accessories:  
4 m, 35 mm<sup>2</sup> 043817 + Steel 250 A, 3 m, air Ø 1.0 072152 + Steel 250 A, 3 m, air Ø 0.8 072145 + Alu 250 A, 3 m, air Ø 1.0 + Ø 1.2 072138

036970



10 m<sup>3</sup>  
(50L)

1 x

5 m

3 x

### OPTIONS

for AUTOPULSE 320-T3 (400 V) only

#### SPOOLGUN TORCH



**Ideal Alu**  
Ø 0,8  
4 m 041486

Motor inside

220 A • x 3

320 A • x 1

320 A • x 3

| MADE IN FRANCE<br>EN60974-1      | 50 / 60 Hz     | A   | Ø mm | min → max | A      | SPOOLGUN | PUSH/PULL | 200 | Cooling system | Equipement d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica |  | EN60974-1<br>(40°C) | LxWxH cm / kg     | Protected & compatible power generator (+/-15%) |
|----------------------------------|----------------|-----|------|-----------|--------|----------|-----------|-----|----------------|--|--|---------------------|-------------------|---|
|                                  |                |     |      |           |        |          |           |     |                | ELECTRONIC CONTROL   | IA (60%)<br>X% (I2 max)  |                     |                   |   |
| <b>AUTOPULSE 220-M3</b>          | 230 V · 1~     | 8 m | 16   | 0.6+1.2   | 10+220 | -        | OPTION    | ■   | Air            |  | ACIER : Type B 0.6 / 0.8<br>ACIER : Type B 0.8 / 1.0<br>ALU : Type B 1.0 / 1.2 | 150<br>220 A @ 20%  | 75 x 41 x 94 / 80 | 10 kVA  |
| <b>AUTOPULSE 220-M3 208-240V</b> | 208>240 V · 1~ | 8 m | 16   | 0.6+1.2   | 10+220 | -        | OPTION    | ■   | Air            |  | ACIER : Type B 0.6 / 0.8<br>ACIER : Type B 0.8 / 1.0<br>ALU : Type B 1.0 / 1.2 | 150<br>220 A @ 20%  | 75 x 41 x 94 / 80 | 10 kVA  |

| MADE IN FRANCE<br>EN60974-1      | 50 / 60 Hz     | A   | Ø mm | min → max | A      | SPOOLGUN | PUSH/PULL | 200<br>300 | Cooling system | Original equipment<br>Equipement d'origine<br>Originalausstattung<br>Equipamiento de fabrica |   | EN60974-1<br>(40°C) | LxWxH cm / kg       | Protected & compatible power generator (+/-15%) |
|----------------------------------|----------------|-----|------|-----------|--------|----------|-----------|------------|----------------|--|---|---------------------|---------------------|---|
|                                  |                |     |      |           |        |          |           |            |                | ELECTRONIC CONTROL   | IA (60%)<br>X% (I2 max)                               |                     |                     |   |
| <b>AUTOPULSE 320-T1</b>          | 400 V · 3~     | 5 m | 16   | 0.6+1.2   | 15+320 | -        | OPTION    | ■          | Air            |  | ALU : Type B 1.0 / 1.2                                | 260<br>320 A @ 35%  | 74 x 41 x 94 / 65.1 | 16 kVA  |
| <b>AUTOPULSE 320-T3</b>          | 400 V · 3~     | 5 m | 16   | 0.6+1.2   | 15+320 | OPTION   | OPTION    | ■          | Air            |  | ACIER : Type C 0.8 / 1.0 mm<br>ALU : Type C 1.0 / 1.2 | 260<br>320 A @ 35%  | 75 x 40 x 94 / 82   | 16 kVA  |
| <b>AUTOPULSE 320-T3 208-240V</b> | 208-240 V · 3~ | 5 m | 25   | 0.6+1.2   | 15+320 | -        | OPTION    | ■          | Air            |  | ACIER : Type C 0.8 / 1.0 mm<br>ALU : Type C 1.0 / 1.2 | 260<br>320 A @ 35%  | 74 x 41 x 95 / 82   | 16 kVA  |





**GY S**

INVEST IN THE FUTURE



# INDUCTION HEATING

1 200 - 22 000 kW

GYSDUCTION 102

COMBIDUCTION 103

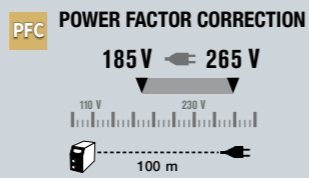
POWERDUCTION 105

ACCESSORIES & CONSUMABLES 108



# INDUCTION HEATING

CAR BODY



**NEW**

### PACKS - GYSDUCTION AUTO

|  | PROLINER AUTO<br>048775 | COMPLETE AUTO<br>053380 | COMPLETE AUTO+<br>056978 | MECA AUTO<br>048812 | MECA AUTO+<br>056961 | BODY SHOP AUTO<br>048799 | GLASS AUTO<br>048805 | DENT REPAIR AUTO<br>054981 | SMART REPAIR AUTO<br>079847 |
|--|-------------------------|-------------------------|--------------------------|---------------------|----------------------|--------------------------|----------------------|----------------------------|-----------------------------|
|  | ✓                       | ✓                       | ✓                        | ✓                   | ✓                    | ✓                        | ✓                    | ✓                          | ✓                           |
|  | ✓                       | ✓                       | ✓                        | —                   | —                    | ✓                        | ✓                    | —                          | ✓                           |
|  | ✓                       | ✓                       | ✓                        | —                   | —                    | ✓                        | ✓                    | —                          | ✓                           |
|  | ✓                       | ✓                       | ✓                        | —                   | —                    | ✓                        | 1 box                | —                          | ✓                           |
|  | ✓                       | ✓                       | ✓                        | ✓                   | ✓                    | —                        | —                    | —                          | —                           |
|  | ✓                       | ✓                       | ✓                        | ✓                   | ✓                    | ✓                        | —                    | —                          | ✓                           |
|  | ✓                       | 1 box                   | —                        | 1 box               | —                    | —                        | —                    | —                          | —                           |
|  | ✓                       | —                       | —                        | —                   | —                    | —                        | —                    | —                          | —                           |
|  | 3 boxes                 | —                       | —                        | —                   | —                    | ✓                        | —                    | ✓                          | —                           |
|  | —                       | ✓                       | —                        | ✓                   | ✓                    | 1 box                    | —                    | 1 box                      | ✓                           |



**GYSDUCTION AUTO**

**2 400 W** 230 V • 1 ~

PFC AIR

CONSUMABLES

| for | for | for |
|-----|-----|-----|
|     |     |     |



**COMBIDUCTION AUTO 50LG**

**5 200 W** 230 V • 1 ~

PFC LIQUID

065901



**INCLUDED COMBIDUCTION**

Glass - Décapage - Entfernen 053373

Decal - Décollage - Entkleben 053359

**OPTIONS**

Spiral inductor - Inducteur spirale - Spiralinduktor 054783

800 mm 054813

800 mm 054868

**SIDE**

|         |         |        |
|---------|---------|--------|
| Ø 18 mm | ⊙ ≤ M8  | 054806 |
| Ø 24 mm | ⊙ ≤ M12 | 054790 |
| Ø 30 mm | ⊙ ≤ M16 | 055469 |

Complete with - Complétez avec - Vervollständigen mit :

**SIDE**

|         |         |        |
|---------|---------|--------|
| Ø 21 mm | ⊙ ≤ M10 | 079953 |
| Ø 27 mm | ⊙ ≤ M14 | 079960 |

**FRONT**

|         |         |        |
|---------|---------|--------|
| Ø 18 mm | ⊙ ≤ M8  | 079977 |
| Ø 21 mm | ⊙ ≤ M10 | 079984 |
| Ø 24 mm | ⊙ ≤ M12 | 079991 |
| Ø 27 mm | ⊙ ≤ M14 | 080003 |
| Ø 30 mm | ⊙ ≤ M16 | 080010 |

PDR : Paintless Dent Repair - Débosselage sans peinture - Lackschadenfreies Ausbeulen 054776

Licensed by BETAG innovation

Freezer spray - Spray refroidisseur -50 °C 400 ml (x 12) 048898

Adhesive for logo (x10) 051492

| CE NORM. EN-60335/1           | MADE IN FRANCE | A                   | W       | Freq. kHz | Tech. PFC | * Liquid Cooling | Cable L (m) |          | Heating   |                          | LxWxH cm / kg | LxWxH cm / kg      | Protected & compatible power generator (+/-15%) |      |
|-------------------------------|----------------|---------------------|---------|-----------|-----------|------------------|-------------|----------|-----------|--------------------------|---------------|--------------------|---|------|
|                               |                |                     |         |           |           |                  | Inductor    | Inductor | Heating   | Heating                  |               |                    |   |      |
| <b>GYSDUCTION AUTO</b>        |                | 230 V, 1~, 50/60 Hz | 16 mini | 2400      | 35+100    | —                | 2           | 2.5      | M10 → 1 s | 2 mm → 5 s               | Ø8 → 10 s     | 37 x 21 x 37 / 7.5 | 52 x 30 x 37 / 12.9                             | 3 kW |
| <b>COMBIDUCTION AUTO 50LG</b> |                | 230 V, 1~, 50/60 Hz | 25 mini | 5200      | 20+80     | 71               | 8           | 3        | M14 → 1 s | 2 mm → 3 s<br>4 mm → 5 s | Ø10 → 10 s    | 46 x 43 x 75 / 60  | 79 x 58 x 60 / 72                               | 6 kW |



INDUCTION HEATING

1.2 → 5.2 kW

MAINTENANCE / MECHANIC / INDUSTRY

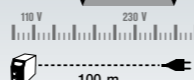
NEW

|                          | 10R | 10R PRO |
|--------------------------|-----|---------|
| POWERDUCTION 10R         | ✓   | ✓       |
| Flexible 800 mm   054813 | ✓   | ✓       |
| Straight 800 mm   054868 | ✓   | ✓       |
| <b>SIDE</b>              |     |         |
| Ø 18 mm ⊙ ≤ M8   054806  | ✓   | ✓       |
| Ø 21 mm ⊙ ≤ M10   079953 | ✓   | ✓       |
| Ø 24 mm ⊙ ≤ M12   054790 | ✓   | ✓       |
| Ø 27 mm ⊙ ≤ M14   079960 | ✓   | ✓       |
| Ø 30 mm ⊙ ≤ M16   055469 | ✓   | ✓       |
| <b>FRONT</b>             |     |         |
| Ø 18 mm ⊙ ≤ M8   079977  | ✓   | ✓       |
| Ø 21 mm ⊙ ≤ M10   079984 | ✓   | ✓       |
| Ø 24 mm ⊙ ≤ M12   079991 | ✓   | ✓       |
| Ø 27 mm ⊙ ≤ M14   080003 | ✓   | ✓       |
| Ø 30 mm ⊙ ≤ M16   080010 | ✓   | ✓       |



PFC POWER FACTOR CORRECTION

185 V ← 265 V



1 200 W | 230V • 1~ | AIR

POWERDUCTION 10R (5 inductors) 062504 068643

POWERDUCTION 10R PRO (12 inductors) 080195 080300

POWERDUCTION 37LG 3 700 W | 230V • 1~ LIQUID 056992 072510

POWERDUCTION 39LG (C20/B1) 3 700 W | 230V • 1~ LIQUID 058583

POWERDUCTION 39LG (S90) 3 700 W | 230V • 1~ LIQUID 080027

POWERDUCTION 50LG 5 200 W | 230V • 1~ LIQUID 055599

**OPTIONS 10R**

Decal - Décollage - Entkleben 066601

Loosening - Dégrillage - Lockerung 079472

BS 079489

**OPTION 37LG**

Cable hanger - Cable support 052284

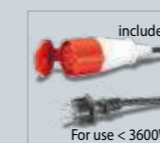
Trolley - Chariot UNIVERSAL 800 051331

**OPTION 50LG**

Protection cover - Housses de protection - Schutzhaube 062733

NEW

| included        | 39LG C20/B1 | 39LG S90 |
|-----------------|-------------|----------|
| C20/B1   056862 | ✓           | —        |
| 285   064485    | —           | ✓        |
| S90   058927    | —           | ✓        |



| MADE IN FRANCE    | Cable L (m)        | INTEGRATED TECHNOLOGY |       | Cable L (m) | Heating   |          |         | LxWxH cm / kg | LxWxH cm / kg | Protected & compatible power generator (+/-15%) |                          |            |                     |                     |        |
|-------------------|--------------------|-----------------------|-------|-------------|-----------|----------|---------|---------------|---------------|---|--------------------------|------------|---------------------|---------------------|--------|
|                   |                    | A                     | W     |             | Freq. kHz | Inductor | Heating |               |               |   | Heating                  |            |                     |                     |        |
| POWERDUCTION 10R  | 230V, 1~, 50/60 Hz | 10 mini               | 1 200 | 45+80       | —         | —        | —       | 2             | 1             | M10 → 1 s                                       | 2 mm → 5 s               | Ø8 → 10 s  | 21 x 10 x 15 / 3.3  | 42 x 17 x 37 / 5.5  | 1.5 kW |
| POWERDUCTION 37LG | 230V, 1~, 50/60 Hz | 16 mini               | 3 700 | 15+30       | —         | —        | 1.51    | 2             | 2             | M10 → 1 s                                       | 2 mm → 5 s               | Ø10 → 15 s | 56 x 26 x 29 / 13   | 60 x 34 x 33 / 14.5 | 4 kW   |
| POWERDUCTION 39LG | 230V, 1~, 50/60 Hz | 16 mini               | 3 700 | 20+60       | ■         | ■        | 71      | 6             | 3             | M12 → 1 s                                       | 2 mm → 5 s               | Ø10 → 15 s | 46 x 36 x 70 / 46.5 | 81 x 38 x 59 / 52   | 4 kW   |
| POWERDUCTION 50LG | 230V, 1~, 50/60 Hz | 25 mini               | 5 200 | 20+60       | ■         | ■        | 71      | 8             | 3             | M14 → 1 s                                       | 2 mm → 3 s<br>4 mm → 5 s | Ø10 → 10 s | 46 x 43 x 75 / 53   | 79 x 58 x 60 / 71   | 6 kW   |



# INDUCTION HEATING 11 → 22 kW



POWERDUCTION 110LG

11 000 W 400 V • 3~

LIQUID

058590

POWERDUCTION 110LG 208-240V

11 000 W 208-240 V • 3~

LIQUID

065246

POWERDUCTION 160LG

16 000 W 400 V • 3~

LIQUID

057814

POWERDUCTION 160LG 208-240 V

16 000 W 208-240 V • 3~

LIQUID

065253

POWERDUCTION 220LG

22 000 W 400 V • 3~

LIQUID

6 m cable : 066861

10 m cable : 074576

OPTION

Powerduction 160/220 LG over hanging arm-pulley - Équilibreur Powerduction 160/220 LG

079441



NEW

t° POWER HEAT CONTROLLER

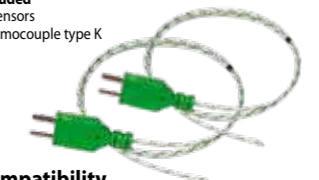
t° CONTROL 80>350°C (210>660°F)



5,5m

POWER HEAT CONTROLLER 061644

Included T° sensors thermocouple type K x2



Compatibility POWERDUCTION 110LG POWERDUCTION 110LG 208-240 V POWERDUCTION 160LG POWERDUCTION 160LG 208-240 V POWERDUCTION 220LG

OPTION



Pyrometer IR for inductor L90

1.1 m 064119

OPTIONS



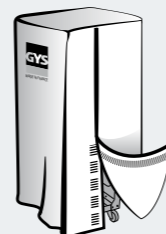
Removable handle - Poignée de lance - Abnehmbarer Griff for POWERDUCTION 220 - 160 - 110 LG 068599



Cooling liquid for POWERDUCTION 160 - 220 LG 5L 062511 10L 052246



Protection cover - Housses de protection - Schutzhaube for POWERDUCTION 160 - 220 LG 050853



Protection cover - Housses de protection - Schutzhaube for POWERDUCTION 110LG 062733

| MADE IN FRANCE              | Cable L (m)             | +AMT    | Freq.  | Liquid Cooling | Inductor | Heating |    | LxWxH cm / kg | LxWxH cm / kg            | Protected & compatible power generator (+/-15%) |                       |                       |       |
|-----------------------------|-------------------------|---------|--------|----------------|----------|---------|----|---------------|--------------------------|---|-----------------------|-----------------------|-------|
|                             |                         |         |        |                |          | A       | W  |               |                          |   | kHz                   | mm                    | s     |
| POWERDUCTION 110LG          | 400 V, 3~, 50/60 Hz     | 16 mini | 11 000 | 20+60          | 71       | 5       | 4  | M18 → 1 s     | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 7 s                                       | 42 x 42 x 76 / 66.5   | 59 x 80 x 60 / 86     | 15 kW |
| POWERDUCTION 110LG 208-240V | 208-240 V, 3~, 50/60 Hz | 35 mini | 11 000 | 20+60          | 71       | 5       | 4  | M18 → 1 s     | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 7 s                                       | 42 x 42 x 76 / 78     | 59 x 80 x 60 / 90     | 15 kW |
| POWERDUCTION 160LG          | 400 V, 3~, 50/60 Hz     | 32 mini | 16 000 | 20+60          | 301      | 4       | 6  | M20 → 1 s     | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 5 s                                       | 78 x 58 x 118 / 128   | 80 x 61 x 120 / 140   | 22 kW |
| POWERDUCTION 160LG 208-240V | 208-240 V, 3~, 50/60 Hz | 45 mini | 16 000 | 20+60          | 301      | 4       | 6  | M20 → 1 s     | 2 mm → 2 s<br>4 mm → 4 s | Ø10 → 5 s                                       | 78 x 58 x 118 / 113.5 | 80 x 60 x 120 / 126   | 22 kW |
| POWERDUCTION 220LG          | 400 V, 3~, 50/60 Hz     | 32 mini | 22 000 | 20+60          | 301      | 4       | 6  | M45 → 3 s     | 4 mm → 3 s<br>8 mm → 9 s | Ø10 → 4 s                                       | 70 x 60 x 120 / 98    | 80 x 60 x 132 / 139   | 22 kW |
| POWERDUCTION 220LG 10M      | 400 V, 3~, 50/60 Hz     | 32 mini | 22 000 | 20+60          | 301      | 4       | 10 | M45 → 3 s     | 8 mm → 9 s<br>4 mm → 3 s | Ø10 → 4 s                                       | 70 x 60 x 120 / 132.5 | 80 x 60 x 120 / 144.5 | 22 kW |

# SMALL Ø16

## INDUCTORS

|                        |               |               |                |                        |                   |                   |                    |
|------------------------|---------------|---------------|----------------|------------------------|-------------------|-------------------|--------------------|
|                        |               |               |                |                        |                   |                   |                    |
| * = original equipment | S90<br>058927 | S70<br>061569 | S180<br>059269 | S20/B1 (20°)<br>064874 | S180/B1<br>064881 | S180/B2<br>064928 | S180/B3W<br>067899 |
| 37 LG                  | ✓*            |               |                | ✓                      |                   | —                 | ✓                  |
| 39 & 50 LG             |               |               |                | ✓ with adapter 28S     |                   |                   |                    |
| 110, 160 & 220 LG      |               |               |                | ✓ with adapter 32S     |                   |                   |                    |

**NEW**

|  |   |                   |                    |
|--|---|-------------------|--------------------|
|  |   |                   |                    |
|  | S20/D20<br>078796                           | S90/D20<br>078871 | S180/D20<br>069985 |
| Ø 20   | S20/D25<br>078802                           | S90/D25<br>078888 | S180/D25<br>069992 |
| Ø 25   | S20/D30<br>078819                           | S90/D30<br>078895 | S180/D30<br>070592 |
| Ø 30   | S20/D35<br>078826                           | S90/D35<br>078901 | S180/D35<br>070608 |
| Ø 35   | S20/D40<br>078833                           | S90/D40<br>078918 | S180/D40<br>070615 |
| Ø 40   | S20/D45<br>078840                           | S90/D45<br>078925 | S180/D45<br>070622 |
| Ø 45   | S20/D50<br>078857                           | S90/D50<br>078932 | S180/D50<br>070639 |
| Ø 50   | S20/D55<br>078864                           | S90/D55<br>078949 | S180/D55<br>070646 |
| Ø 55   |   |                   |                    |
| 37 LG  | ✓<br>S20/D20-D35, S90/D20-D35, S180/D20-D35 |                   |                    |
| 39 & 50 LG   | ✓ with adapter 28S                          |                   |                    |
| 110, 160 & 220 LG  | ✓ with adapter 32S                          |                   |                    |
| <b>Protection kit for L180/D inductors</b><br>- Kit de protection pour inducteurs boucle<br>077386 |   |                   |                    |
|  |   |                   |                    |

**NEW**

|                   |                              |                              |                              |
|-------------------|------------------------------|------------------------------|------------------------------|
|                   |                              |                              |                              |
|                   | S180 HEAT TUBE D37<br>078604 | S180 HEAT TUBE D40<br>078611 | S180 HEAT TUBE D50<br>078628 |
| 37 LG             | —                            |                              |                              |
| 39 & 50 LG        | ✓ with adapter 28S           |                              |                              |
| 110, 160 & 220 LG | ✓ with adapter 32S           |                              |                              |

### ADAPTERS

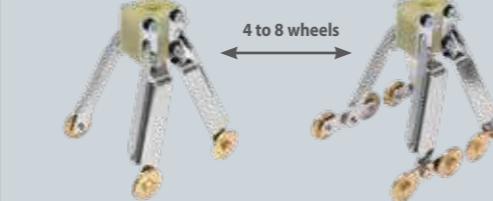
|                          |               |  |
|--------------------------|---------------|--|
|                          |               |  |
| 28S<br>M28 Ø16<br>064485 |               |  |
| 32S<br>M32 Ø16<br>064508 |               |  |
| 37 LG                    | —             |  |
| 39 & 50 LG               | ✓ 28S M28 Ø16 |  |
| 110, 160 & 220 LG        | ✓ 32S M32 Ø16 |  |

### Boxes - boîtes

|  |  |                                    |
|--|--|------------------------------------|
|  |  |                                    |
| 28S/B type W<br>for 39LG & 50LG<br>072497  | 32S/B type W<br>for 110LG & 160LG<br>072503  | L box<br>065796                    |
| included:<br>S20/B1 (x1)<br>S180/B1 (x1)<br>S180/B3 (x1)<br>28S (x1)<br>B1 (x1)<br>B3 (x1) | included:<br>S20/B1 (x1)<br>S180/B1 (x1)<br>S180/B3 (x1)<br>32S (x1)<br>B1 (x1)<br>B3 (x1) | included:<br>L70 (x1)<br>L180 (x1) |

### Trolley for inductor for adapter 32L

Chariot pour inducteur pour adaptateur 32L  
075955



### Ferrites - Ferrites - Ferritaufsatz

|              |                   |              |              |              |              |                  |
|--------------|-------------------|--------------|--------------|--------------|--------------|------------------|
|              |                   |              |              |              |              |                  |
| B1<br>053823 | B1 (x5)<br>079380 | B2<br>053458 | B3<br>067875 | B4<br>053755 | B5<br>079489 | Spiral<br>069701 |

### Glue kit for inductor

Kit de colle pour inducteur  
075948



# LARGE Ø32

## INDUCTORS

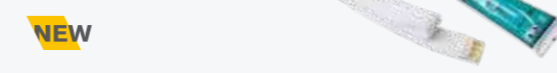
|                        |                     |                     |                    |                       |                     |                         |
|------------------------|---------------------|---------------------|--------------------|-----------------------|---------------------|-------------------------|
|                        |                     |                     |                    |                       |                     |                         |
| * = original equipment | L90 (90°)<br>059788 | L70 (70°)<br>059771 | L180<br>059795     | L180/Spiral<br>065000 | L20/B4<br>067882    | L20 Alu Glove<br>069114 |
| 37 LG                  | —                   |                     |                    |                       |                     |                         |
| 39 & 50 LG             | ✓ with adapter 28L  |                     |                    |                       |                     |                         |
| 110, 160 & 220 LG      | ✓ with adapter 32L* |                     | ✓ with adapter 32L |                       | ✓ with adapter 32L* | ✓ with adapter 32L      |

**NEW**

|                   |                    |                    |                     |
|-------------------|--------------------|--------------------|---------------------|
|                   |                    |                    |                     |
|                   | L20/D60<br>078956  | L90/D60<br>079106  | L180/D60<br>069923  |
| Ø 60              | L20/D70<br>078963  | L90/D70<br>079113  | L180/D70<br>069930  |
| Ø 70              | L20/D80<br>078970  | L90/D80<br>079120  | L180/D80<br>069121  |
| Ø 80              | L20/D90<br>078987  | L90/D90<br>079137  | L180/D90<br>069947  |
| Ø 90              | L20/D100<br>078994 | L90/D100<br>079144 | L180/D100<br>069954 |
| Ø 100             | L20/D110<br>079007 | L90/D110<br>079151 | L180/D110<br>069961 |
| Ø 110             | L20/D120<br>079014 | L90/D120<br>079168 | L180/D120<br>069978 |
| Ø 120             | L20/D130<br>079021 | L90/D130<br>079175 | —                   |
| Ø 130             | L20/D140<br>079038 | L90/D140<br>079182 | —                   |
| Ø 140             | L20/D150<br>079045 | L90/D150<br>079199 | —                   |
| Ø 150             | L20/D160<br>079052 | L90/D160<br>079205 | —                   |
| Ø 160             | L20/D170<br>079069 | L90/D170<br>079212 | —                   |
| Ø 170             | L20/D180<br>079076 | L90/D180<br>079229 | —                   |
| Ø 180             | L20/D190<br>079083 | L90/D190<br>079236 | —                   |
| Ø 190             | L20/D200<br>079090 | L90/D200<br>079243 | —                   |
| Ø 200             |                    |                    |                     |
| 37 LG             | —                  |                    |                     |
| 39 & 50 LG        | ✓ with adapter 28L |                    |                     |
| 110, 160 & 220 LG | ✓ with adapter 32L |                    |                     |

### Protection kit for L180/D inductors

- Kit de protection pour inducteurs boucle  
077386



**NEW**

|   |   |                                       |  |  |
|---|---|---------------------------------------|--|--|
|   |   |                                       |  |  |
|   | L90 BRAZ 16<br>Ø 1/2" / 16 mm<br>076907 | L90 BRAZ 28<br>Ø 1" / 28 mm<br>076921 | L180 BRAZ 16<br>Ø 1/2" / 16 mm<br>076914 | L180 BRAZ 28<br>Ø 1" / 28 mm<br>076938 |
| 37, 39 & 50 LG  | —                                       |                                       |  |  |
| 110, 160 & 220 LG   | ✓ with adapter 32L*                     |                                       |  |  |
| <b>Protection kit for BRAZ inductors</b><br>- Kit de protection pour inducteurs brasage<br>077515 |   |                                       |  |  |
|   |   |                                       |  |  |

|                   |                                  |  |
|-------------------|----------------------------------|--|
|                   | L180R X<br>Production on request |  |
| 37, 39 & 50 LG    | —                                |  |
| 110, 160 & 220 LG | ✓ with adapter 32L               |  |

### ADAPTERS

|                          |               |  |
|--------------------------|---------------|--|
|                          |               |  |
| 28L<br>M28 Ø32<br>064492 |               |  |
| 32L<br>M32 Ø32<br>064515 |               |  |
| 37 LG                    | —             |  |
| 39 & 50 LG               | ✓ 28L M28 Ø32 |  |
| 110, 160 & 220 LG        | ✓ 32L M32 Ø32 |  |

### COMPLETE (Ø 28)

|                   |                        |                         |                         |
|-------------------|------------------------|-------------------------|-------------------------|
|                   |                        |                         |                         |
|                   | C20/B1 (20°)<br>056862 | C180/B1 (90°)<br>056879 | C180/B2 (90°)<br>056886 |
| 37 LG             | —                      |                         |                         |
| 39 & 50 LG        | ✓*                     |                         |                         |
| 110, 160 & 220 LG | —                      |                         |                         |

\* = original equipment



# PLASMA CUTTING

|         |     |
|---------|-----|
| EASYCUT | 112 |
| CUTTER  | 113 |



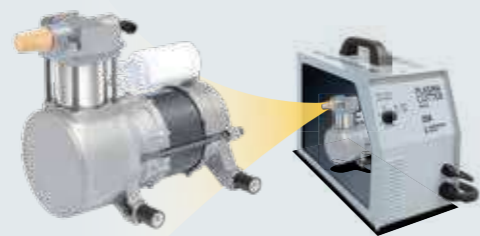


CUTTER

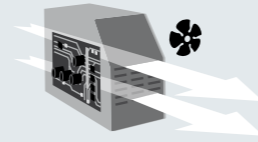
# PLASMA

1~

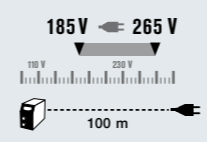
COMPRESSOR COMPRESSOR INSIDE



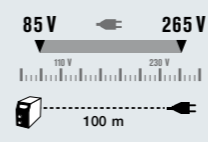
AD ANTI-DUST VENTILATION CORRIDOR



PFC POWER FACTOR CORRECTION



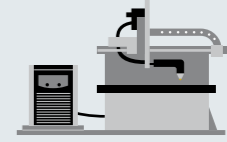
FV FLEXIBLE VOLTAGE



Plasma torch TPT 25, 4m 068087 Plasma torch TPT 40, 4m 060753



CNC COMPUTER NUMERICAL CONTROL



PFC EN 61000-3-12 POWER FACTOR CORRECTION

NEW NAME



AIR FILTER

DIGITAL (PRESSURE SENSOR)



INCLUDED: 8mm



IDEAL CARBODY REPAIR

PFC EN 61000-3-12 FV FLEXIBLE VOLTAGE



DIGITAL (PRESSURE SENSOR)



INCLUDED: 8mm



DIGITAL (PRESSURE SENSOR)



INCLUDED: 8mm



COMPRESSOR Compressor inside

**EASycut K25**

230 V • 1 ~

25 A Fe 8 mm Al/CrNi 6 mm

P400 COMPRESSOR

TPT 25, 4 m 2 m, 10 mm<sup>2</sup> 068063

**EASycut K35F**

230 V • 1 ~

35 A Fe 15 mm Al/CrNi 10 mm

P400 PFC AD COMPRESSOR

MT35K, 4 m 2 m, 10 mm<sup>2</sup> 031036

**EASycut 25**

230 V • 1 ~

25 A Fe 8 mm Al/CrNi 6 mm

TPT 25, 4 m 2 m, 10 mm<sup>2</sup> 065543 072046

**CUTTER 30FV**

110 → 230 V • 1 ~

30 A Fe 15 mm Al/CrNi 10 mm

P400 PFC FV

TPT 40, 4 m 060753 2 m, 10 mm<sup>2</sup> 013858

**EASycut 40**

230 V • 1 ~

40 A Fe 18 mm Al/CrNi 15 mm

TPT 40, 4 m 060753 2 m, 10 mm<sup>2</sup> 029743

QR code and Youtube link

**CUTTER 45 CT**

110 → 230 V • 1 ~

45 A Fe 30 mm Al/CrNi 20 mm

P400 PFC FV GRID CUT AD IP 23 CNC ANALOGIC

MT 70, 6 m 2 m, 10 mm<sup>2</sup> 062962

**OPTIONS**

COMPAS for TPT 40, TPT 25, MT 25K / MT 35K

x1 040199

040205

R max = 670 mm

**Consumables**

|               | MT25K      | TPT25      | MT35K      | TPT40      |
|---------------|------------|------------|------------|------------|
| TPT           | x4 040182  | x4 040236  | x4 040229  | x4 040236  |
| Filter        | x10 040151 | x10 040212 | x10 040212 | x10 040212 |
| Cartridge     | x2 040175  | x2 040175  | x2 040175  | x2 040175  |
| Box - Coffret | x10 040168 | x10 040168 | x10 040168 | x10 040168 |
| Part No.      | 039971     | 070721     | 039964     | 039957     |

**Trolley - Chariot**

PLASMA 600 040298  
↓ 39 x 58 x 62 cm / 8.2 kg

Universal 800 039568  
↓ 48 x 62 x 81 cm / 17.6 kg

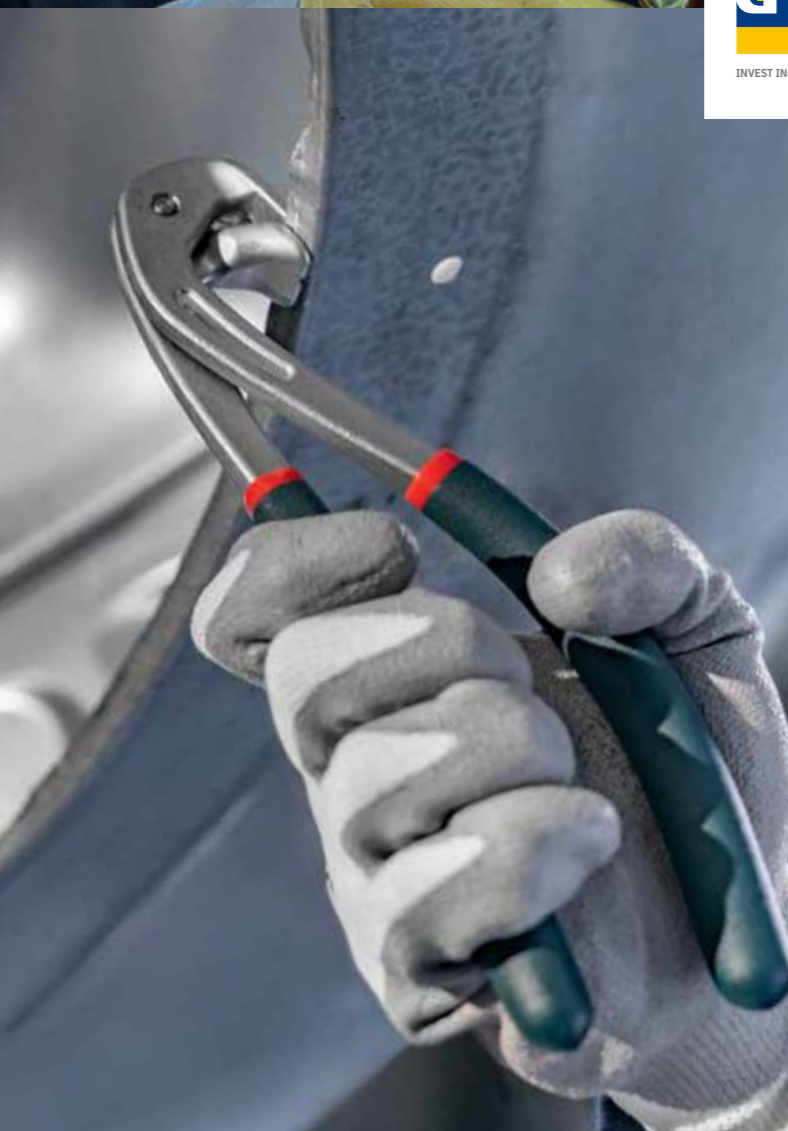
Jobsite XL 039568  
↓ 60 x 59 x 115 cm / 18.4 kg

Filter cartridge - Cartouche pour filtre 039735

Compressed air cleaning filter for Plasma Cutter 40 - Filtre déshumificateur spécial Plasma 039728

Filter cartridge - Cartouche pour filtre 039735

| CE MARK EN60974-1 | I <sub>2</sub> | mm                      |                        |                  | INTEGRATED TECHNOLOGY |         |    |          |    |         |     |            | AIR SYSTEM |         |     | EN 60974-1 (40°C)  |                   | Protected & compatible power generator (+/-15%) |               |         |                   |                     |                     |         |       |
|-------------------|----------------|-------------------------|------------------------|------------------|-----------------------|---------|----|----------|----|---------|-----|------------|------------|---------|-----|--------------------|-------------------|---|---------------|---------|-------------------|---------------------|---------------------|---------|-------|
|                   |                | Coupe max Severance cut | Coupe propre Clean cut | Percage Piercing | P400                  | PFC     | FV | GRID CUT | AD | IP23    | CNC | COMPRESSOR | min        | ideal   | max | I <sub>2</sub> max | 100%              |   | LxWxH cm / kg |         |                   |                     |                     |         |       |
| MADE IN FRANCE    | EASycut K25    | 230V1~                  | 13                     | 10 → 25          | 8                     | 6       | 6  | 4        | —  | —       | —   | —          | —          | —       | —   | —                  | included          | 15 A  | 26%           | —       | 53 x 31 x 48 / 19 | 4.1 kW              | 5.9 kVA             |         |       |
|                   | EASycut K35F   | 230V1~                  | 13                     | 10 → 35          | 15                    | 10      | 10 | 8        | —  | —       | —   | —          | —          | —       | —   | —                  | included          | 28 A  | 30%           | 20 A    | 62 x 33 x 57 / 27 | 8 kW                | 10 kVA              |         |       |
| MADE IN GYS CHINA | EASycut 25     | 230V1~                  | 13                     | 10 → 25          | 8                     | 6       | 6  | 4        | —  | —       | —   | —          | —          | —       | —   | —                  | 2.5 bar 115 L/min | 6.5 bar   | 15 A          | 30%     | 10 A              | 45 x 25 x 35 / 9.7  | —                   | —       |       |
|                   | EASycut 40     | 230V1~                  | 16                     | 10 → 40          | 20                    | 15      | 15 | 12       | —  | —       | —   | —          | —          | —       | —   | —                  | 2.5 bar 115 L/min | 6.5 bar   | 10 A          | 20%     | —                 | 45 x 25 x 35 / 11.5 | —                   | —       |       |
| MADE IN FRANCE    | CUTTER 30FV    | 230V1~                  | 16                     | 10 → 30          | 15                    | 10      | 10 | 8        | —  | —       | —   | —          | —          | —       | —   | —                  | 5 bar 115 L/min   | 9 bar   | 23 A          | 30%     | 20 A              | 51 x 29 x 37 / 14.3 | 6.5 kW              | 6 kVA   |       |
|                   |                | 110V1~                  | 32                     | 10 → 30          | 32                    | 10 → 30 | 32 | 10 → 30  | 32 | 10 → 30 | 32  | 10 → 30    | 32         | 10 → 30 | 32  | 10 → 30            | 32                | 10 → 30   | 32            | 10 → 30 | 32                | 10 → 30             | 32                  | 10 → 30 | 32    |
|                   | CUTTER 45CT    | TPT 40                  | 110V1~                 | 16               | 15 → 45               | 20      | 15 | 15       | 10 | 8       | 6   | —          | —          | —       | —   | —                  | —                 | 5 bar 115 L/min                                 | 7 bar         | 41 A    | 50%               | 32 A                | 51 x 31 x 47 / 16.4 | 10.5 kW | 8 kVA |
|                   |                | MT 70                   | 230V1~                 | 32               | 15 → 45               | 30      | 20 | 25       | 15 | 12      | 10  | —          | —          | —       | —   | —                  | —                 | 5 bar 185 L/min                                 | 7 bar         | 41 A    | 50%               | 32 A                | 51 x 31 x 47 / 16.4 | 10.5 kW | 8 kVA |



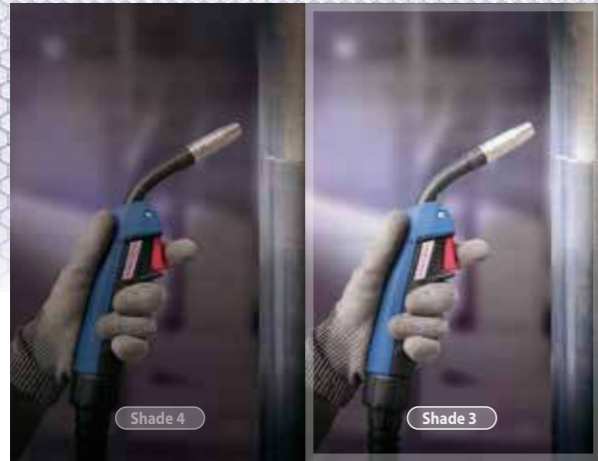
## + ACCESSORIES

|                           |     |
|---------------------------|-----|
| WELDING HELMETS           | 117 |
| FUME EXTRACTION           | 121 |
| WINDSCREEN REPAIR         | 122 |
| BUMPER REPAIR             | 124 |
| HAND TOOLS                | 126 |
| PNEUMATIC TOOLS           | 128 |
| SANDING & DUST EXTRACTION | 130 |
| WORKING LIGHTS            | 132 |
| WORKING SUPPORTS          | 134 |
| SAFETY PROTECTION         | 137 |

# HELMETS TECHNOLOGY

|                  |   | Intensity (A) |    |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------------|---|---------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  |   | 1.5           | 70 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
| MAG              | 8 | 9             | 10 | 11  |     |     | 12  |     |     | 13  |     |     |     |     |     |     |
| MIG              |   |               | 9  | 10  | 11  |     |     | 12  | 13  | 14  |     |     |     |     |     |     |
| MIG light alloys |   |               |    | 10  | 11  | 12  | 13  | 13  |     |     |     |     |     |     |     |     |
| PLASMA           |   |               |    | 9   | 10  | 11  | 13  |     |     |     |     |     |     |     |     |     |

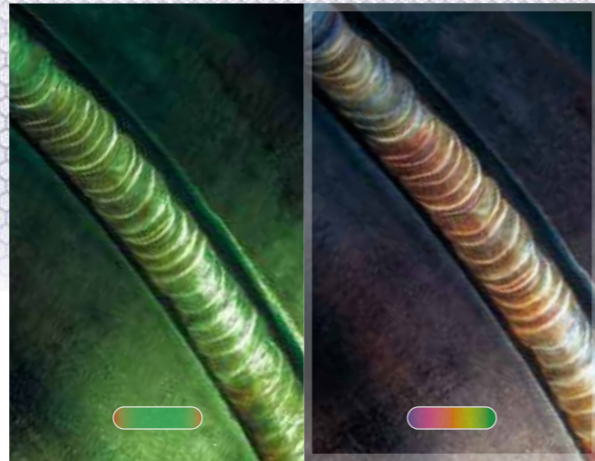
## Teinte initiale - Initial shade



Classic

ULTRA CLEAR

## Spectre de couleur - Spectrum view



Classic

TRUECOLOR

## Sensitivity sensors - Capteurs sensibles

Classic

HIGH SENSIBILITY



Sensors x2



Sensors x4

## Classification - X=/X=/X=/X=

1/1/1/1 = PERFECT QUALITY

(1) Optical quality (distortion). (2) Light diffusion (contrast). (3) Variation of light transmission (homogeneities of the dark shade). (4) Angular light (diagonal light ray filter).

(1) Qualité optique (distorsion). (2) Diffusion de la lumière (contraste). (3) Variation de la transmission lumineuse (homogénéités de la teinte foncée). (4) Lumière angulaire (filtre de rayons lumineux diagonaux).

(1) / (2) / (3) / (4)

## Headgear - Serre-tête



Simple



Multi



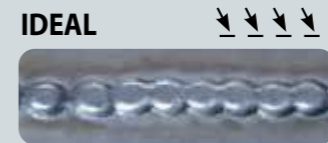
MULTI PRO



MULTI PREMIUM

Comfortable back

## WELDING HELMETS 9-13



LCD GYSMATIC 9/13 G TRUECOLOR 043909

◀ 100 x 60 mm | □▶ 0.08 ms  
 GRIND + (100) x4 TRUECOLOR

## WELDING HELMETS 5-9/9-13



LCD FIREMAN 9-13 TRUECOLOR 062269

◀ 100 x 49 mm | □▶ 0.1 ms  
 GRIND TRUECOLOR

◀ 100 x 67 mm | □▶ 0.1 ms GRIND + (100) x4 TRUECOLOR



ZEUS 5-9/9-13 G INDIAN 038332



ZEUS 5-9/9-13 G FIRE 044098



ZEUS 5-9/9-13 G COSMIC 044104

### OPTIONS



Sac pour masque de soudage - Carry bag for helmet welding 043299



066656



Bandeau anti-transpiration - Antiperspirant - headband 043466 for Simple, Multi, Multi Premium 062627 for Multi Pro x2 070844 for Gysmatic 9/13 Air, Gysmatic 5/13 Air XXL

Loupe - Magnifying glass for Zeus, Ergotech & Alien True Color x1 zoom x2 042780 zoom x3 064140

| LENSES - Verres - Schutzgläser | ☐▶                       | ☐▶                            | TRUECOLOR  | ☐▶ | HF      | DELAY | ☐▶           | ☐▶      | ☐▶                 | ☐▶            | ☐▶ | ☐▶ | ☐▶             | ☐▶     | ☐▶    | ☐▶  | ☐▶ | ☐▶ | MASK BRAND |
|--------------------------------|--------------------------|-------------------------------|------------|----|---------|-------|--------------|---------|--------------------|---------------|----|----|----------------|--------|-------|-----|----|----|------------|
| 226 x 106 (x5) 045781          | 103.6 x 54 (x5) 040809   | LCD FIREMAN 9-13 TRUECOLOR    | 3/5-9/9-13 | ☐  | 0.10 ms | —     | 0.15 > 0.8 s | 1/1/1/2 | 2                  | 100x49 mm     | ☐  | —  | ☀              | Multi  | 490 g | Gys |    |    |            |
| 114x133 (x10) 043893           | G: 106 x 66 (x10) 043886 | LCD GYSMATIC 9/13 G TRUECOLOR | 4-9>13     | ☐  | 0.08 ms | ☑     | 0.10>0.90 s  | 1/1/1/2 | 4 HIGH SENSIBILITY | XL: 100x60 mm | ☐  | ☑  | ☀ +2 (CR 2450) | Simple | 580 g | Gys |    |    |            |
| 114 x 133 (x10) 043893         | 103.7 x 69.5 (x5) 043695 | ZEUS                          | 4-5>9/9>13 | ☐  | 0.10 ms | —     | 0.15 > 0.8 s | 1/1/1/2 | 4                  | XL: 100x67 mm | ☐  | ☑  | ☀ +2 (CR 2450) | Multi  | 520 g | Gys |    |    |            |

# HELMETS

5-9/9-13

## ERGOTECH +

- ◀ 100 x 67 mm
- GRIND
- +
- CLASS 1/1/1/1
- TRUECOLOR
- ULTRA CLEAR 3
- 0.1 ms
- Multi Premium



**ERGOTECH + 5-9/9-13 SILVER**  
068650

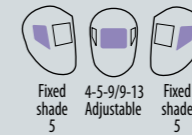


**ERGOTECH + 5-9/9-13 BLACK**  
068667

# PANORAMIC

## APOLLO +

- Fixed shade 5
- 4-5-9/9-13 Adjustable
- Fixed shade 5
- ◀ 100 x 67 mm
- GRIND
- +
- CLASS 1/1/1/1
- ULTRA CLEAR 3
- 0.1 ms
- PANORAMIC
- TRUECOLOR
- Multi Premium



**APOLLO + 5-9/9-13 G TRUECOLOR**  
068681



**ERGOTECH + 5-9/9-13 DREAM**  
068674



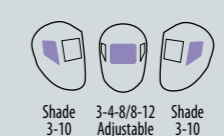
**Multi Pro**



**GYSMATIC XXL TRUECOLOR**  
037236



- ◀ 100 x 83 mm
- 0.1 ms
- GRIND
- +
- CLASS 1/1/1/1
- DIGITAL
- TRUECOLOR



**PANORAMIC 3XL TRUECOLOR**  
037281



- ◀ 114 x 85 mm
- 0.15 ms
- GRIND
- +
- CLASS 1/1/1/1
- PANORAMIC
- ULTRA CLEAR 3
- TRUECOLOR

## ALIEN +

- ◀ 100 x 90 mm
- 0.1 ms
- GRIND
- +
- CLASS 1/1/1/1
- TRUECOLOR
- ULTRA CLEAR 3
- Multi Premium



**ALIEN XXL + TRUECOLOR**  
068698



**GYSMATIC XL TRUECOLOR**  
037908



- ◀ 100 x 60 mm
- 0.08 ms
- GRIND
- +
- CLASS 1/1/1/1
- TRUECOLOR

OPTIONS

- Carry bag for helmet welding - Sac pour masque de soudage 043299
- Antiperspirant-headband - Bandeau anti-transpiration 066656
- Magnifying glass - Loupe for Zeus, Ergotech & Alien True Color x1 zoom x2 042780 zoom x3 064140

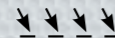
**LENSES - Verres - Schutzgläser**

| Code   | Dimensions      | Code   | Dimensions        |
|--------|-----------------|--------|-------------------|
| 043893 | 114 x 133 (x10) | 077102 | 103.7 x 69.5 (x5) |
| 043893 | 114 x 133 (x10) | 043596 | 104 x 96 (x5)     |
| 040816 | 110 x 90 (x5)   | 043886 | 106 x 66 (x10)    |
| 043893 | 114 x 133 (x10) | 046825 | 106 x 89.5 (x10)  |
| 043893 | 114 x 133 (x10) | 077102 | 103.7 x 69.5 (x5) |
| 037311 | 390 x 150 (x3)  | 037304 | special kit (x1)  |

| Model                   | Dimensions      | Code   | Dimensions        | Code   | Dimensions            | Delay   | Sensitivity        | Shade | Adjustable | View      | Optics | Weight | Brand |
|-------------------------|-----------------|--------|-------------------|--------|-----------------------|---------|--------------------|-------|------------|-----------|--------|--------|-------|
| ERGOTECH +              | 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5) | 077102 | 3-5>9/9>13            | 0.10 ms | 4 HIGH SENSITIVITY | 5     | Adjustable | Panoramic | +      | 580 g  | Gys   |
| ALIEN XXL + TRUECOLOR   | 114 x 133 (x10) | 043893 | 104 x 96 (x5)     | 043596 | 3-5>9/9>13            | 0.10 ms | 4 HIGH SENSITIVITY | 5     | Adjustable | Panoramic | +      | 560 g  | Gys   |
| GYSMATIC XL TRUECOLOR   | 110 x 90 (x5)   | 040816 | 106 x 66 (x10)    | 043886 | 4-5>9/9>13            | 0.08 ms | 4 HIGH SENSITIVITY | 5     | Adjustable | Panoramic | +      | 540 g  | Gys   |
| GYSMATIC XXL TRUECOLOR  | 114 x 133 (x10) | 043893 | 106 x 89.5 (x10)  | 046825 | 4-5>9/9>13            | 0.10 ms | 4 HIGH SENSITIVITY | 5     | Adjustable | Panoramic | +      | 680 g  | Gys   |
| APOLLO + 5-9/9-13 G     | 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5) | 077102 | 3-5>9/9>13 + 2x: 5    | 0.10 ms | 4 HIGH SENSITIVITY | 5     | Adjustable | Panoramic | +      | 580 g  | Gys   |
| PANORAMIC 3XL TRUECOLOR | 390 x 150 (x3)  | 037311 | special kit (x1)  | 037304 | 3-4>8/8>12 + 2x: 3>10 | 0.15 ms | 4 HIGH SENSITIVITY | 5     | Adjustable | Panoramic | +      | 610 g  | Gys   |

# HELMETS VENTILATED

IDEAL



DIGITAL MEMORY & REGULATIONS ELECTRONIC

memory saving x3



**LCD GYSMATIC 9/13 G AIR TRUECOLOR**  
065727  
069602

100 x 60 mm

0.08 ms

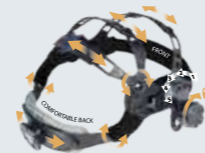


included with LCD GYSMATIC 9/13 G TRUECOLOR

**GYSMATIC 5/13 AIR XXL TRUECOLOR**  
047846  
028852

100 x 83 mm

0.1 ms



Multi Pro

**Filtration class EN 12941: TH2 P R SL**  
Air 165 / 200  
220 L/min  
Battery included

**OPTION Filter TH3**  
065734



Battery charger  
037472  
028869



Battery included  
037465



038424 x1



038417 x5

LENSES - Verres - Schutzgläser

|                 |              |                   | TRUECOLOR | HF                              | DELAY        |         |   |             |         |                    |                |   |           | MASK BRAND |     |
|-----------------|--------------|-------------------|-----------|---------------------------------|--------------|---------|---|-------------|---------|--------------------|----------------|---|-----------|------------|-----|
| 114 x 133 (x10) | 043893 (x10) | G: 106 x 66 (x10) | 043886    | LCD GYSMATIC 9/13 G TRUECOLOR   | 4-9>13       | 0.08 ms | ✓ | 0.10>0.90 s | 1/1/1/2 | 4 HIGH SENSITIVITY | XL: 100x60 mm  | ✓ | Simple    | 580 g      | Gys |
| 114 x 133 (x10) | 043893 (x10) | 106 x 89,5 (x10)  | 046825    | GYSMATIC 5/13 AIR XXL TRUECOLOR | 3-4>8 / 8>13 | 0.10 ms | ✓ | 0.1 > 0.9 s | 1/1/1/1 | 4 HIGH SENSITIVITY | XXL: 100x83 mm | ✓ | Multi Pro | 680 g      | Gys |

## FUME EXTRACTION SYSTEMS - Aspirateurs de fumée - Rauchgasabsauggerät

UNI 2.0 RE

- 400V 3~
  - 50 Hz
  - 1100 W
  - 1500 m<sup>3</sup>/h max
  - arm 3 m
  - no plug
  - 100 kg
  - extraction 0.5 m/s
- 061545



Ø 150 mm

Included  
**Pré filtre, treillis Aluminium**  
Class of filtration G3 EN 779  
+ **Filtre - Coal Filter EPA E12**  
EN 779, Filtration >99.5 %  
046467

Options  
**Filtre à charbon actif - Coal filter**  
✓ UNI 2.0 RE  
064522

EVO 2.1 RE

- 230V 1~
- 50 Hz
- 1100 W
- 1200 m<sup>3</sup>/h max
- occasional
- arm 3 m
- included
- 85 kg

061552

Patented - Breveté



792 mm

347 mm

Ø 150 mm

Included  
**Pré filtre, treillis Aluminium**  
Class of filtration F15 G2 EN 779  
+ **Filtre - Coal Filter HEPA H13**  
EN 779, Filtration >99.95%  
046498

## FUME EXTRACTION TORCHES - Torches aspirantes - Rauchgas-Absaugbrenner - Antorcha con aspiración de humos



|                              | Steel/Stainless steel - Acier/Inox - Stahl/Edelstahl |            |            |             |
|------------------------------|--|------------|------------|-------------|
|                              | AIR  |            | LIQUID     |             |
|                              | 150 A  | 250 A      | 350 A      | 500 A       |
| original equipment           | M6   | M6         | M8         | M8          |
| Ø                            | Ø 0.8  | Ø 1.0      | Ø 1.2      | Ø 1.2       |
| X % 40°C - ArCO <sub>2</sub> | 150A - 60%   | 200A - 60% | 290A - 60% | 380A - 100% |
| GRIP                         | GRIP   | GRIP       | GRIP       | GRIP        |
| L                            | 3 m  | 3 m        | 4 m        | 4 m         |
| Ref.                         | 043251   | 040540     | 040557     | 040564      |



For fume Extraction Torches - Pour torches aspirantes

**BINZEL**  
073715



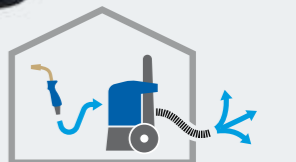
- 230V / 1 ~, 1100 W
- 230 m<sup>3</sup>/h max
- 190 mbar max
- 25 kg, 590 x 425 x 825 mm
- 76 db
- Filter auto cleaning system - Système de nettoyage automatique du filtre - Automatische Filterabreinigung

Filtre Classe M, EN 60335-2-69

included: 5 m, Ø50



- External evacuation Ø50 (hose not included)
- Évacuation extérieure Ø50 (tuyau non inclus)



**PROFESSIONAL BOX SET FOR WINDSCREEN REMOVAL** - Coffret de découpe pare-brise  
- Frontscheiben-Trennsystem für Akkuschrauberbetrieb

MADE IN  
HIGH  
QUALITY  
GERMANY



057654

included  
Axe enrouleur  
068100

included  
65 m  
resistance 170 kg  
Ø 0.79 mm  
058125

optional  
65 m  
resistance 190 kg  
Ø 0.92 mm  
069275



**OSCILLATING PNEUMATIC SAW FOR WINDSCREEN REMOVAL** - Couteau pneumatique de découpe pare-brise  
- Druckluft-Trennmesser für Windschutzscheiben

057623



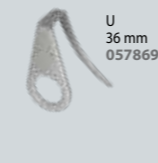
Included  
57 mm  
057845

90 mm  
057852

8 mm  
057876

35 mm  
057838

U  
36 mm  
057869



**REMOVAL TOOL FOR WINDSCREEN WIPER ARMS** - Extracteur d'essuie-glace - Wischerarm-Abzieher

UNIVERSEL  
057630



30 mm  
max

EXPERT

Accès difficile  
- Difficult access  
057647

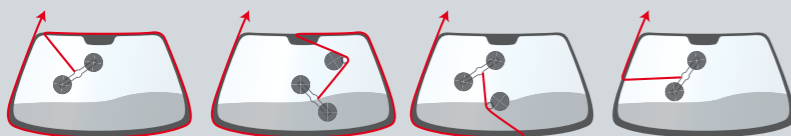


40 mm  
max



**WINDSHIELD CUTTING KIT** - Système de découpe pare-brise à cliquet  
- Set zum Lösen von Windschutzscheiben

054738



**DASHBOARD PROTECTOR** - Protections tableau de bord  
- Armaturenbrett Schutz

053120



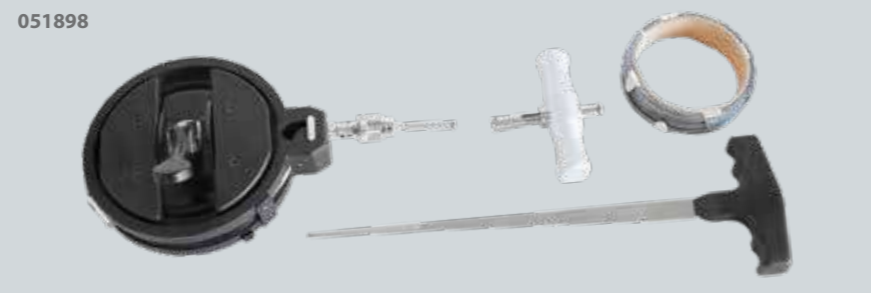
**WINDSHIELD CUTTING TOOL** - Outil découpe pare-brise  
- Windschutzscheiben Demontage-Set

051935



**WINDSCREEN JOINT-CUTTING KIT** - Kit découpe joint de pare-brise - Scheibentrenn-Werkzeug-Set

051898



Corde à piano torsadé (22 m)  
- Windscreen seal cutting wire  
(twisted)  
- Piano-Schneiddraht, gedreht,  
22 m Rolle  
051911

Corde à piano carré (50m)  
- Windscreen seal cutting wire  
(square)  
- Vierkant-Draht,  
50 m Rolle  
051881

**SUCTION LIFTING PADS** - Ventouses - Saugnapfwerkzeug für Spiegelgläser

056695



Ø 70 mm



051966



x2

x6  
057609



**COMPRESSED AIR POLISHER** - Renov'Polycarbonate - Druckluftpolierer

Complete pack

1 orbital sander  
+ 1 polisher  
- 1 ponceuse orbitale  
+ 1 lustreuse

052086



2 SPEED

+

+

+

052055

052062

052079

+

+

+

sander Ø75  
057494

polisher Ø75  
058224

Ø 76

P 500 (x 10)  
P 800 (x 10)  
P 1500 (x 10)  
P 3000 (x 10)



P 500 x 50 052017  
P 800 x 50 052024  
P 1500 x 50 052031  
P 3000 x 50 052048



**HOT STAPLER FOR BUMPER REPAIR** - Agrafeuse pour réparation pare-chocs - Stoßstangen Reparatur Kit

052925



INCLUDED:  
x20 x20 x20 x20 x20

MADE IN TAIWAN

**PORTABLE**  
Battery operated - Sur batterie  
058118

included  
Li-ion battery 3.7 V  
048669  
included adapters:  
EUR, UK, USA & AUS

Charger included  
048652

MADE IN TAIWAN



INCLUDED:  
Ø 0.6, x100 Ø 0.8, x100  
Ø 0.6, x100

Adjustable

**Staples - Agrafes**

|   |  |   |   |   |
|---|--|---|---|---|
|   |  |   |   |   |
| Inside corner<br>- Angle interne étroit<br>Ø 0.7 mm | Crack alignment<br>- Alignement de fissure<br>Ø 0.7 mm | Large crack<br>- Fissure importante<br>Ø 0.7 mm | Internal angle<br>- Angle interne<br>Ø 0.7 mm | External angle<br>- Angle externe<br>Ø 0.7 mm |
|   |  |   |   |   |
| x 100<br>047990                                     | x 100<br>047983  | x 100<br>047976                                 | x 100<br>047969                               | x 100<br>047952                               |
| 052413  |  |   |   |   |
| = x 50  | + x 50   | + x 50  | + x 50  | + x 50  |

**PIERCING KIT FOR BUMPER SENSORS** - Coffret de perçage pare-chocs pour détecteurs - Lochwerkzeug für Stoßfänger



**PRO+**  
059139

Ø 17-18-18,2  
19-20-22,5-24  
26-26,7-32 mm



**FREEZER**

Freezer spray  
- Spray refroidisseur

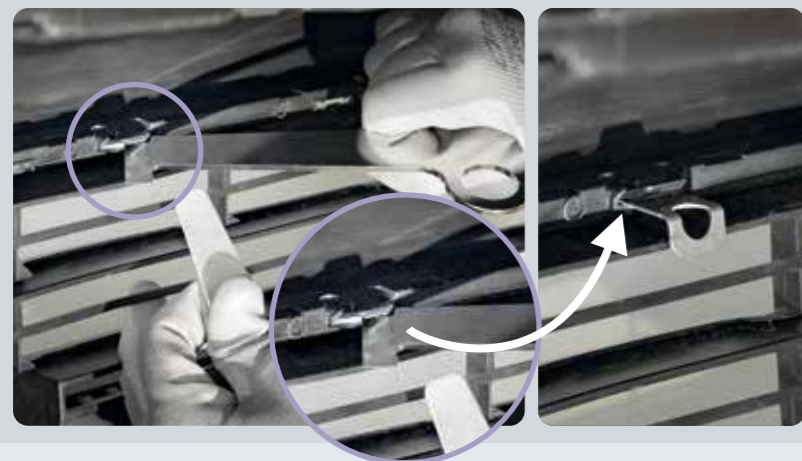
-50 °C

400 ml

(x 12)  
048898



**TOOL FOR REMOVING BUMPER** - Outil de déclipsage pare-chocs



076518



**NEW**

x15  
076525

**PLASTIC WELDING STATION** - Station de soudage des plastiques - Kunststoff-Schweißset



320 W - 230 V, 1-50 Hz  
Temperature: 160 < 480°C  
▲ 3.4 kg  
Length of hose: 1 m  
Air flow: 24 l/min

Station seule  
- Station only  
064072



Ø 5 mm  
066694

Ø 8 mm  
066700

|   |              |        |      |        |
|---|--------------|--------|------|--------|
| plastic rods - baguettes<br>plastique<br>440 mm | PP /<br>EPDM | ▲ 4 mm | x 10 | 066304 |
|   |              | ■ 6 mm | x 10 | 067622 |
| ABS   | ABS          | ▲ 4 mm | x 10 | 071322 |
|   |              | ■ 8 mm | x 10 | 071339 |

|         |           |           |           |                    |                         |         |
|---------|-----------|-----------|-----------|--------------------|-------------------------|---------|
| Station | PP/EPDM   |           |           | Pressure<br>wheels | Mini milling<br>machine | Scraper |
|         | 4mm (x10) | 6mm (x10) | 8mm (x10) |                    |                         |         |
| 064072  | ✓         |           |           |                    |                         |         |
| 070974  |           | ✓         |           |                    |                         |         |



Scraper - Grattoir  
068032

Pressure wheels  
- Roulette de  
compression  
058231

Mini milling machine  
- Mini fraiseuse  
063228

Tungsten drill  
Ø 5 mm  
included  
063235

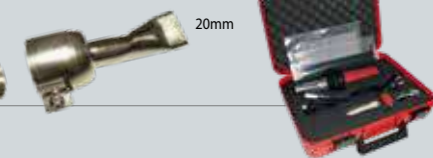
**WELDING KIT FOR PLASTICS** - Kit de soudage des plastiques - Kunststoff-Schweißset



1 600 W - 230V - 50/60 Hz  
max. 230 l/min  
▲ 1.3 kg / -L- Ø100 x 300mm,  
poignée Ø 56mm.

057678

3m



20mm



TIP Ø5  
061262

TIP insert Ø5  
061279



x10  
052956

x1  
25 x 12.5 cm  
052949

**BRAZING AUTOMOTIVE PLASTICS REPAIR KIT** - Coffret de réparation des plastiques automobiles - Kunststoff Reparatur Set



052932

MADE IN BELGIUM



x10  
052956

25 x 12.5 cm  
x2  
052949

052963

057258

**HAND TOOLS - Ausbeulwerkzeug**

• **FULL PACK =**  
061637

MADE IN GERMANY

50 mm  
15  
290 mm  
275 mm  
50 mm  
390 mm  
Ø 50 mm

• 053311 • 053298 • 061309 • 053335 • 053342 • 053328 • 053281

+ • **MEDIUM PACK**  
051133

55  
450 mm

• 051430 • 051416 • 051454 • 051447 • 051409

• 051423  
(9 dents/pouce - 9 teeth/inch) 062351  
(15 dents/pouce - 15 teeth/inch) 062368

0.70 kg 051485  
0.95 kg 051478  
1.33 kg 051461

**BURR REMOVER**  
- Outil d'ébavurage - Gratentferner

**NEW**  
079854

x 10

**PLANISHING HAMMER BLACKTEC®**

077270  
Rubberised gripping  
- Manche en caoutchouc

**NEW**

MADE IN GERMANY

Corrosion resistant

**CONTOUR GAUGE - Jauges de profil - Kontourenlehre**

052840  
250 mm

057265  
500 mm

**GAPPING GAUGES - Jauges de positionnement - Spaltmaßlehre**

x2  
054752

**FENDER ROLLER TOOL SET - Outil de remise en forme passage de roue**

060791

**ALU HAMMERS - Marteaux alu**

020986

**FORMING TOOLS - Outils de forme - Formgebungswerkzeuge**

051195

180 x 70 x 65 mm  
280 x 95 mm  
280 x 95 mm  
75 x 65 mm

**BODY LINE TOOL - Traceur de ligne carrosserie - Markierhilfe für Kanten**

078758

**NEW**

170 mm max

Dry-wipe marker  
- Marqueur effaçable à sec

**FIXED HINGE BENDING TOOL - Redresseur de charnière de porte**

051102

Door hinge straightener  
- Redresseur de charnière de porte  
- Türgelenkausrichter

40 mm max

**LIP PLIER - Pince à lèvres - Falzzange gebogen**

079649

**NEW**

45 mm

**PLANISHING KIT FOR CAR BODY (SET OF 3 HAMMERS + 4 DOLLYS) - Kit marteaux et tas - Karosseriehammer & Handfaust Kit**

057579

40 x 40 mm  
70 x 90 mm  
1.4 kg  
061408

117 x 57 mm  
1.2 kg  
061415

117 x 57 mm  
1.2 kg  
061422

**SET OF 30 TOOLS FOR SCRAPING/SANDING AND PAINT REMOVAL - Outils de dégarnissage et racleage - Polster & Schaber Kit**

057616

**HAND CHISEL FOR CAR BODY - Burins - Meißel für Karosserie**

26 x 7 mm  
057586

26 mm  
230 mm

60 x 11 mm  
057593

60 mm  
245 mm

**SET OF 3 CHISELS - Lot de 3 burins de séparation éléments collés - 3 Meißel**

076754

**NEW**

250 mm  
300 mm  
300 mm

**SET OF 4 NYLON CHISELS - Jeu de 4 burins en nylon - 4 Kunststoffmeißel**

054745

273 mm

19 mm (x1)  
22 mm (x1)  
25 mm (x1)  
38 mm (x1)

**SET OF 3 SCRAPING KNIFES - Couteaux racleurs**

061439

15 mm  
20 mm  
30 mm

**POSITIONING CLAMP - Pinces de maintien bord à bord - I-Stoß-Lehre**

043190 (x4)

**MICRO-GRIP CLAMPS - Pinces micro-grip**

061330 (x4)

20 mm max  
95 mm

**MICRO-WELDING CLAMPS - Micro-bridés de soudage**

079373 (x4)

**NEW**

7 mm max

**FLAT NOZE LOCK-GRIP PLIERS - Pinces étau à bec plat**

062719

250 mm  
100  
max 25  
75  
max 20  
200 mm

**TEMPORARY-FASTENERS MANUAL MOUNTING - Serre-tôles**

(x10)  
Ø 2,4 mm  
069664

(x10)  
Ø 4,0 mm  
069671

(x10)  
Ø 4,8 mm  
069688

(x10)  
Ø 6,4 mm  
069695

**AXIAL-GRIP PLIERS - Pinces axiales**

050242

Type I Type J Type JJ Type W Type LL Type G

280 mm 061378  
x6  
80 mm

610 mm 061354  
x2  
410 mm

460 mm 061361  
x4  
240 mm

Flat nozzle - 610 mm 061347  
x2  
410 mm

**LOCK-GRIP PLIERS - Pinces étau mono serrage**

Flat nozzle - 460 mm 050112  
x6  
240 mm

KIT: 050266  
x3  
x3  
x5  
x5  
= 16

Flat nozzle 280 mm



### MINI DISC SANDER - Mini-meuleuse - Druckluftschleifer

051829

Speed adjustment

Ø 75 mm

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|---------|----|-----------------------|------------------|----|-----|
| 18000     | 200     | 83 | 171                   | 6.2              | 12 | 0.7 |

Included (x1) 052468

### LONG HANDLED ANGLE GRINDER - Meuleuse d'angle - Druckluft-Winkelschleifer

057753

Ø 100 mm

± 1.6 mm, x5 057883  
± 0.8 mm, x5 058217

| Speed rpm | Power W | dB  | Air consumption l/min | Air pressure bar | cm  | kg |
|-----------|---------|-----|-----------------------|------------------|-----|----|
| 14000     | 84      | 113 | 6.2                   | 37               | 1.7 |    |

058248

MINI-FLEXIDISC LAMELLES ZIRCON Ø 50 mm

K 40 (x10) 058255  
K 60 (x10) 058262  
K 80 (x10) 058279

x2 Ø  
Ø 50 & 75 mm

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm  | kg |
|-----------|---------|----|-----------------------|------------------|-----|----|
| 15000     | 84      | 91 | 6.2                   | 10               | 0.6 |    |

### MINI ANGLE GRINDER - Mini-meuleuse à renvoi d'angle - Mini-Druckluftwinkelschleifer geräuschgedämpft

051867

Ø 50 mm

90°

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm | kg   |
|-----------|---------|----|-----------------------|------------------|----|------|
| 15000     | 200     | 86 | 85                    | 6.2              | 18 | 0.75 |

(x1) 052772

### AIR BELT SANDER - Ponceuse à bande à tête orientable - Druckluft Bandschleifer

060906

520 mm

20 mm

360°

Grain 60 (x 5) 060913  
Grain 80 (x 5) 060920  
Grain 100 (x 5) 060937  
Grain 36 céramique (x 5) 062535

| Speed rpm | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|-----------------------|------------------|----|-----|
| 16 000    | 171                   | 6.3              | 34 | 1.2 |

### SAW FOR STRAIGHT CUT AND FILE - Scie coupe tôle droite et lime - Druckluftsäge und Feile

051805

(x5) 052789

included 058750

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|---------|----|-----------------------|------------------|----|-----|
| 5000      | —       | 85 | 255                   | 6.2              | 10 | 0.8 |

### AIR BELT SANDER - Ponceuse à bande à tête orientable - Druckluft Bandschleifer

052819

360°

330 mm

10 mm

Grain 80 (x 10) 052833  
Grain 36 céramique (x 20) 062528

| Speed rpm | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|-----------------------|------------------|----|-----|
| 16000     | 171                   | 6.3              | 26 | 0.9 |

### MINI ANGLE MILLING MACHINE - Mini-fraiseuse à renvoi d'angle - Mini-Winkelschleifer

051836

90°

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|---------|----|-----------------------|------------------|----|-----|
| 18000     | 500     | 81 | 85                    | 6.2              | 18 | 0.7 |

### AUTOMATIC MANDREL DRILL - Perceuse mandrin automatique - Druckluftbohrmaschine m. Schnellspannfutter

051799

Ø 13

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|---------|----|-----------------------|------------------|----|-----|
| 800       | 300     | 92 | 170                   | 6.2              | 18 | 0.9 |

### PNEUMATIC SURFACE REMOVER KIT - Coffret décapeuse pneumatique - Druckluftentroster-Box inkl. Zubehör

051775

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm  | kg  |
|-----------|---------|----|-----------------------|------------------|-----|-----|
| 4000      | 500     | 86 | 102                   | 6.2              | 280 | 1.2 |

Adaptateur pour brosse 051768

### MINI MILLING MACHINE - Mini Fraiseuse - Mini-Schleifer

063228

Option Tungsten drill Ø 6 mm 054172

### LASER CORD METAL SHEET CUTTER (NIBBLER) - Dépointeuse pour cordon laser ACIER - Trennwerkzeug für Lasernähte

054165

Ø 6 mm

STEEL Included 054172

### PUNCHING TOOL FOR OVAL HOLES - Outil de poinçonnage oblongs - Langlochkarosserieblechzange

2.2 kg

6 mm 20 mm 052437

8 mm 20 mm 067264

### PNEUMATIC FLANGE / PUNCHING TOOL - Pince à soyer et à trous, pneumatique - Pneumatische Loch- und Absatzzange

079892 Ø 8 mm  
0.8 > 1,2 mm

052543 Ø 5 mm  
0.8 > 1,2 mm

2 in 1

0.8 > 1,2 mm

### BODY ZIPPER - Sertisseuse pneumatique - Pneumatic Crimper - Druckluftkantenformer

056930

MADE IN HIGH QUALITY POLAND

1) MINI  
2) initial W  
3) final M x < 2.4mm  
4) final D x > 2.4mm

| Air pressure bar | cm | kg  |
|------------------|----|-----|
| 5                | 28 | 2.1 |

### SPOT REMOVER - Dépointeuse - Druckluft-Schweißpunktbohrer

#### SPOT DRILL 050464

360°

Ø 8

Included: Tungsten Carbide Ø 8 for BORON/UHSS (x1)

HIGH QUALITY

Spot remover drill - Forets de dépointage - Schweißpunktfräse Tungsten Carbide for BORON/UHSS

| Speed rpm | Power W | dB | Air consumption l/min | Air pressure bar | cm | kg  |
|-----------|---------|----|-----------------------|------------------|----|-----|
| 800       | 400     | 85 | 140                   | 6.5              | 35 | 2.3 |

#### PACK SPOT DRILL + 140 mm 061460

140 mm 061453

3-edge Ø 8 mm 053069

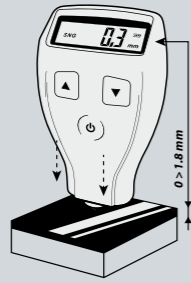
| 3-edge | Ø 8 mm | Ø 9 mm | Ø 10 mm |
|--------|--------|--------|---------|
| 053069 | 069763 | 053076 |         |
| 059849 | 069770 |        |         |



**FILM COATING THICKNESS GAUGE**  
- Détecteur épaisseur de peinture

059856

Measurement range : 0 - 1.80mm  
Resolution : 0.01mm / 1mm  
Measurement error : +/- 0.03 mm  
Power Supply : 2x 1.5V AAA batteries (included)  
Overall dimensions : 62 x 30.5 x 105 mm



**ELECTRIC SANDER & POLISHER**  
- Ponçeuse /polisseuse électrique - Elektro-Polier-Schleifer

057999

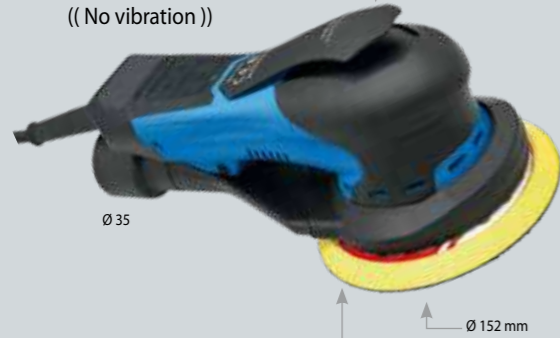
Orbital 5.0 mm  
↓ 27 x 15 x 10 cm / 1.5 kg  
⊗ 37 x 18 x 12 cm / 1.9 kg

Speed : 4000, 7000, 9000 10000 rpm  
AC-in 220V - 230V / 50 - 60Hz

Light weight  
& Compact

Speed control

(( No vibration ))



**PNEUMATIC ALUMINIUM DUST ATEX VACUUM CLEANER**  
- Aspirateur pneumatique pour poussières alu (atex)

058866

Dust container capacity : 25 l  
Working compressed air pressure : 7 bar  
Compressed air consumption at 6 bar : 800 l/min  
Suction connection diameter size : 50 mm  
Max suction capacity : 150 m³/h  
Max vacuum level : 2000 mm H₂O  
Recommended compressor power : 7.5 HP

↓ 74 x 45 x 45 cm / 22.5  
⊗ 78 x 58 x 97 cm / 25 kg



058293

Power supply : 230V / 50Hz  
Power : 1400W (max 2000W)  
Max. vacuum : 170 mbar  
Air flow : 2700 l/min  
Drum capacity : 30 L  
Drum material : stainless steel

↓ 33 x 33 x 63 cm / 4.9 kg  
⊗ 38 x 38 x 67 cm / 7.8 kg

Manual or automatic



4m  
Input Ø 32 mm  
Mains cable length 4.5m



included  
Filtre - Filter  
075405



included  
Sac à poussières - Filter bag  
Capacity 5 kg  
x5  
058880



5 m  
Output Ø 29 mm  
Input Ø 35 mm

**GYS DUST EXTRACTOR** - Pneumatic dust vacuum cleaner for sander

**INNOVATIVE SUCTION SYSTEM**

Depression **1150 mm H<sub>2</sub>O**  
Air flow **600 l/min**  
Air consumption **340 l/min**



BREVET GYS  
GYS PATENT



Adjustable sander pressure - Pression ponçeuse ajustable  
**5 bar max**

↓ 49 x 48 x 88 cm / 21.5 kg  
⊗ 81 x 40 x 49 cm / 24.1 kg



ATEX norm  
Group II - Category 3

EN 60335-2-69: 2012

- ✓ **ROBUST**
- ✓ **QUICK & SAFE**
- ✓ **LOW AIR CONSUMPTION**  
(5 bar)
- ✓ **NO ELECTRIC MOTOR**
- ✓ **ENERGY SAVING**

Sanding discs box\*  
- Rangement pour disques de ponçage\*  
\* discs box not included - disques de ponçage non inclus

Grande maniabilité et stabilité  
- High maneuverability and stability

**EASY ACCESS**

Maintenance free  
- Aucune maintenance



**Consumables**

Sac à poussières - Filter bag  
Capacity 5 kg  
**Included x1**  
x5  
058880



Ponçeuse non fournie  
- Sander not included

5 m  
Ø 29 mm

Option :  
10m  
Ø 29 mm  
076013



Included  
Earth clamp  
safety



Pneumatic Sander  
- Ponçeuse pneumatique  
**MIRKA PROS 650CV**  
Ø 150 mm  
071346

**2 MODELS**

**GYS DUST EXTRACTOR**

**MANUAL**

Manual start  
- Démarrage manuel

071353



**GYS DUST SELF EXTRACTOR**

**AUTOMATIC**

Automatic start  
- Démarrage automatique

077058



**HAND LAMPS - Lampes baladeuses - Handleuchte**

**Lampe BALADEUSE TRIPODE 250 L**  
**100-250 lumens (x3)**

3 x 1 W COB LED  
3 x 3.6 V - 300 mAh  
AAA rechargeable, Ni-MH  
USB charging (6h)  
**operating time**  
High position : 1 h  
Low position : 3 h  
Flashing : 5 h

↓ 10 x 10 x 26 cm / 0.6 kg  
⊗ 21 x 11 x 27 cm / 1 kg

059955

**Lampe BALADEUSE 400 L**  
**400 lumens**

COB LED  
Li-ion  
Charging time : 8h  
**operating time**  
High position : 2.5 h  
Low position : 5 h  
Top light (1 W) : 6 h

↓ 7 x 4 x 23 cm / 0.3 kg  
⊗ 14 x 7 x 24 cm / 0.5 kg

059153

**Lampe BALADEUSE PRO 600 L**  
**250-600 lumens**

COB LED, 80 CRI  
3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)  
**operating time**  
High position : 1.5 h,  
Mid position : 4.5 h,  
Top light (100 lumens) : 10 h

IP 54  
↓ 3 x 6 x 19 cm / 0.3 kg  
⊗ 9 x 13 x 24 cm / 0.6 kg

060883

**INSPECTION LAMPS - Lampes d'inspection - Inspektionslampen**

**Lampe INSPECTION FRONTALE 280 L**  
**100-280 lumens**

3 W COB LED, 80 CRI+, 6500 K  
3.7 V - 1500 mAh Li-po  
micro USB charging  
mains charger not incl.  
**operating time**  
High position : 2 h  
Low position : 6 h  
IP 65  
↓ 8 x 5 x 4 cm / 0.1 kg  
⊗ 5 x 11 x 18 cm / 0.2 kg

060845

motion detection mode

**Lampe AMBIANCE 360° PORTABLE 1000 L**  
**60-1000 lumens**

>80 CRI SMD LED  
6500 K  
3.7 V - 5200 mAh Li-ion  
USB charging (4.5h)  
USB power supply  
**operating time** 2 > 27 h

IP 54  
↓ 26 x 7 x 7 cm / 0.5 kg  
⊗ 8 x 8 x 35 cm / 0.7 kg

059764

360°

Ambient light

**Lampe INSPECTION MINI 200 L**  
**120-200 lumens**

COB LED, 80 CRI, 6500 K  
3.7 V - 700 mAh Li-ion  
micro USB charging (2.5 h)  
mains charger not included  
**operating time**  
High position : 1.5 h  
Low position : 4 h  
Top light : 3.5 h  
IP 20  
↓ 18 x 3 x 3 cm / 0.1 kg  
⊗ 18 x 5 x 3 cm / 0.2 kg

060852

360°

**Lampe INSPECTION MINI 350 L**  
**0-350 lumens**

COB LED  
3.7 V - 1100 mAh Li-ion  
USB charging (3 h)

**operating time**  
3 > 6.5 h

IP 20  
075894

207 mm  
146 mm  
50 lumens  
120 lumens  
350 lumens

**Lampe INSPECTION PRO 600 L**  
**0-600 lumens**

COB LED  
6500 K  
3.7 V - 2600 mAh Li-ion  
USB charging (4 h)  
**operating time**  
1.5 > 15 h

↓ 38 x 4 x 5 cm / 0.3 kg  
⊗ 40 x 9 x 6 cm / 0.4 kg

057760  
058309

charge indicator

120 lumens

360°

**Lampe INSPECTION PRO 800 L**  
**120-800 lumens**

COB LED  
3.7 V - 2600 mAh Li-ion  
USB charging (4 h)

**operating time**  
2.5 > 9 h

IP 54  
075900

303 mm  
162 mm  
120 lumens  
120 / 400 lumens  
150 / 800 lumens

**UNDER BONNET LAMPS - Lampes sous capot - Leuchte für Motorhaube**

**Lampe SOUS CAPOT 600 L**  
**500-1000 lumens**

120 COB LED  
3.7 V - 4000 mAh Li-ion  
charging time : 10/12 h

**operating time**  
High position : 4 h  
Low position : 8 h

↓ 22 x 11 x 68 cm / 1.8 kg  
⊗ 24 x 12 x 70 cm / 2.3 kg

059962

130 > 180 cm

AUTOBLOCK  
CLIP CLIP

**Lampe SOUS CAPOT 800 L**  
**250-800 lumens**

120 COB LED  
3.7 V - 4000 mAh Li-ion  
charging time : 10/12 h

**operating time**  
High position : 3 h  
Low position : 6 h

↓ 60 x 10 x 7 cm / 1.2 kg  
⊗ 61 x 15 x 12 cm / 2 kg

058002  
058316

130 cm

**LED WORKLIGHTS WITH TRIPOD - Projecteurs led sur trépied - LED-Arbeitsleuchte mit Standfuß**

**Lampe sur TRÉPIED 1800 L**  
**1800 lumens**

3 x 55 COB LED  
total 165 LED  
1.8 m power cord  
059146

⊗ 95 x 15 x 14 cm / 3.2 kg

adjustable 1.3 m max

**Lampe sur TRÉPIED 3000 L**  
**3000 lumens**

35 W COB LED  
2 m power cord  
IP 44  
059979

⊗ 100 x 20 x 9 cm / 3.6 kg  
⊗ 103 x 22 x 10 cm / 4.1 kg

adjustable 1.5 m max

**Lampe sur TRÉPIED 4000 L**  
**4000 lumens**

3 x 20 COB LED,  
total 60 LED  
3 m power cord  
059986

⊗ 21 x 15 x 114 cm / 5.7 kg  
⊗ 22 x 116 x 117 cm / 6.4 kg

2.3 m max

adjustable 2.3 m max

**DETAILING & COLOUR MATCH - Contrôle des couleurs - Fabnpassung & Aufbereitung**

100% CRI

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 98 | 97 | 94 | 99 | 97 | 95 | 98 | 99 | 99 | 92  | 98  | 80  | 98  | 96  | 98  |
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |

CRI CRI+

**4500 K**  
**400 lumens**

**SUNCOLOR 1**  
COB LED, CRI > 95, 1100 lux  
3.7 V - 2600 mAh Li-ion  
USB charging  
**operating time** : 3 h  
↓ 6 x 3 x 19 cm / 0.6 kg  
⊗ 22 x 14 x 10 cm / 0.7 kg  
IP 65

058477

**3 COLORS**  
**2700 - 4500 - 6500 K**  
**350-420-450 lumens**

**SUNCOLOR 3**  
COB LED, 96 CRI+  
3.7 V - 2600 mAh Li-ion  
micro USB charging (4 h)  
**operating time** : 2.5/4 h  
IP 65  
↓ 4 x 6 x 9 cm / 0.3 kg  
⊗ 9 x 13 x 24 cm / 0.6 kg

060838

**5 COLORS**  
**2700 - 3500 - 4500 - 5500 - 6500 K**  
**500-1000-2000 lumens**

**SUNCOLOR 5**  
COB LED, 96 CRI+  
11.1 V - 4400 mAh Li-ion  
charger 110/240 V, 5 m cable, 15 V, 1.5 A  
charging time : 3.5 h  
**operating time**  
High position : 2 h, Mid : 4 h, Low : 8 h  
IP 65  
↓ 7 x 23 x 20 cm / 1.2 kg  
⊗ 9 x 25 x 24 cm / 1.9 kg

060876

**5 COLORS**  
**2500-3500-4500-5500-6500 K**  
**250-500 lumens**

**SUNMATCH 3**  
COB LED, 96 CRI+, 700-1400 lux  
3.7 V - 2600 mAh Li-ion, USB charging  
**operating time** :  
High position : 2 h, Low position : 4 h  
IP 65  
↓ 4 x 6 x 19 cm / 0.3 kg  
⊗ 8 x 9 x 21 cm / 0.5 kg

061651

SCANGRIP COLOUR MATCH

**UV CURING - SÉCHAGE UV**  
**UV LED λ 395-400 nm**  
**Irradiance 6-15 mW/cm²**

**NOVA-UV S**  
3.7 V - 5400 mAh Li-ion  
COB LED, 1 m cable, 5 V, 2 A  
charging time : 3.5 h  
curing area : Ø 20 cm  
**operating time 1.5 h**  
IP 67  
↓ 7 x 17 x 16 cm / 0.9 kg  
⊗ 7 x 17 x 18 cm / 1 kg

061620

SCANGRIP

Curing area Ø 20 cm

**FRAMES SUPPORT - Tréteaux - Klappböcke**

**040601**  
↓ 105 x 33 x 9 cm / 6.3 kg  
⊗ 107 x 35 x 10 cm / 6.7 kg  
Ø28 mm  
**Bent feet for grating**  
- 4 pieds courbes  
- Idéal sur caillbotis  
- Abgewinkelte Standfüße  
- Sicherer Stand auf Gittern u.ä.

**040311**  
↓ 106 x 31 x 6 cm / 6.6 kg  
⊗ 106 x 31 x 11 cm / 9.7 kg  
Ø32 mm  
**Suction pad for glazing**  
- 4 ventouses  
- Dépose vitrages  
- Gummiteiler zur Fixierung von Glasscheiben

**040250**  
↓ 100 x 105 cm - 7.1 kg  
⊗ 104 x 10 x 32 cm / 7.5 kg  
Ø32 mm

**040304**  
↓ 105 x 109 cm / 7.2 kg  
⊗ 107 x 32 x 10 cm / 7.8 kg  
Ø32 mm  
**Light and easy to handle**  
- Idéal for horizontal works  
- Léger et très maniable  
- Spécial travaux à l'horizontal  
- Speziell geeignet für Arbeiten in horizontaler Position

Adjustable catenary - Chaînette réglable  
Protecting foam - Mousse de protection  
Non-slip base - Antidérapants

20 x 20 mm 16.5 kg  
**MADE IN HIGH QUALITY POLAND**  
15 > 125 cm  
88 > 128 cm  
3 mm  
87 cm  
070677

**PREMIUM MASKING MACHINE**  
- Chariot de luxe marouflage  
- Abdeckpapier-Ständer

057333  
150 x 133 x 62 cm  
31 kg  
⊗ 152 x 30 x 18 cm / 31.5 kg

**MADE IN HIGH QUALITY POLAND**

**x 5 (not included)**  
Paper roll - Rouleaux de papier  
- Papierständer  
30 > 120 cm  
Ø 75 mm  
Ø 250 mm

**OPTION**  
Ø 40 mm  
x 6  
058897

**MASKING MACHINE**  
- Chariot de marouflage  
- Abdeckpapier-Ständer

056954  
150 x 62 x 110 cm  
/ 11 kg  
⊗ 154 x 30 x 19 cm / 12 kg

**MADE IN HIGH QUALITY POLAND**

**x 3 (not included)**  
Paper roll - Rouleaux de papier  
- Papierständer  
30, 60, 90 cm  
Ø 75 mm  
Ø 250 mm

**STORAGE TROLLEY - Chariot de stockage - Lagerrollwagen**

040243  
71 x 90 x 197 cm  
41 kg  
⊗ x2: 90 x 6 x 147 cm  
+ 97 x 74 x 24 cm

**FLAP LOCK - Tiges de blocage**

056732  
30 > 115 cm

**ROTARY ELEMENT SUPPORT - Support pare-chocs - Lackierständer für Stoßstange, einstellbar**

052376  
↓ 50 x 70 x 10 cm / 7.3 kg  
⊗ 60 x 77 x 12 cm / 8.3 kg

059825  
106 x 104 x 215 cm - 32.5 kg  
112 x 31.5 x 21.5 cm  
+ 12 x 9.5 x 194.5 cm

059832  
↓ 50 x 150 cm - 11.3 kg  
⊗ 155 x 18 x 12 cm / 13.8 kg

Adapté aux coques de rétroviseurs  
- Adapted to wing mirror covers  
- Geeignet für Außenspiegel

**UNIVERSAL SUPPORT - Chariot pour éléments de carrosserie - Universelle Ständer**

066281  
⊗ 120 x 80 x 13 cm / 24 kg

**NEW**  
max 80 kg  
Ø 4.5 cm  
80 cm  
70-100 cm  
115 cm  
Ø 12.5 cm

**MADE IN HIGH QUALITY POLAND**

**ROUND STOOL WITH TOOL STORAGE - Tabouret - Werkstatt-Rollhocker**

057555  
38 x 38 x 44 cm - 5.2 kg  
⊗ 41 x 19 x 41 cm / 5.6 kg

max: 50 cm  
min: 38 cm  
6 cm

**MECHANICS CREEPER WITH TILTING HEADREST - Chariot de visite - Werkstatt-Rollliege**

057548  
102 x 43 x 11 cm / 5.3 kg  
⊗ 104 x 45 x 13 cm / 6 kg

**ROUND STOOL WITH STORAGE - Tabouret d'atelier 3 tiroirs**

079878  
47 x 35 x 43 cm  
38.5 x 37 x 38.5 cm - 13 kg

**NEW**

**ROTARY ELEMENT SUPPORT - Support élément rotatif - Lackierständer für Stoßstange, einstellbar**

052611  
200 x 101 cm - 19 kg  
⊗ 112 x 35 x 13 cm / 23 kg  
Made in China

**PRO**  
056725  
200 x 105 x 81 cm - 21.5 kg  
⊗ 120 x 26 x 18 cm / 22 kg

1.5 mm  
360°  
2 mm  
Verrouillage de l'axe - Locking of the axis  
- Verriegelung der Achse

**MADE IN HIGH QUALITY POLAND**

**EXTENDABLE SUPPORT - Chariot extensible pour éléments de carrosserie - Ausziehbarer Wagen**

061507  
29.4 kg  
⊗ 112 x 42 x 14 cm / 30 kg

max 150 kg  
100 cm  
135 - 210 cm

**MADE IN HIGH QUALITY POLAND**

**2 IN 1 MECHANICS CREEPER - Chariot de visite 3 en 1 - Werkstatt-Rollliege**

079861  
102 x 40 x 14 cm  
40 x 13 x 63 cm - 7.6 kg

**1** **NEW** **2**

**NEW** 150 kg ALU

080041  
7.3 kg  
⊗ 100 x 39.5 x 19 cm / 8.1 kg

850 mm  
490 mm  
1180 mm  
300 mm

**FOLDING STEP STOOL - Marche pied (Aluminium) - Arbeitspodest klappbar**

057562  
7.9 kg  
⊗ 102 x 39 x 19 cm / 8.5 kg

960 mm  
475 mm  
385 mm

**150 kg ALU**

**NEW** 150 kg ALU

058552  
↓ 113 x 41 x 16 cm / 16 kg  
⊗ 117 x 42 x 17 cm / 17 kg

1090 > 1750 mm  
520 > 900 mm  
300 mm

**WORKSTATION PREMIUM 5 DRAWERS - Servante premium 5 tiroirs**

**Complete carbody workstation  
080119**

**NEW**  
06 2023

**included**



1000 mm



Workstation only  
076143

**MOBILE WORKSTATION - Table de travail mobile**



**WORKSTATION 3 SHELVES - Servante 3 plateaux**



**HEAT COVER - Couverture anti-chaueur - Hitzschutzdecke - Manta anti-calor - Protecção anti-aquecimento**



**SET OF 2 MAGNETS - Jeu de 2 aimants - Schweißmagnet**



**MAGNETIC COVER - Couverture magnétique - Magnetschutzdecke**



**RIDEAU DE SOUDAGE - Welding curtain and frame - Schweißerschutzwand**



**RESPIRATORY MASKS - Masques respiratoires - Atemschutzmaske - Máscaras respiratorias**



**PROTECTION GOGGLES - Lunettes de protection - Schutzbrillen**



**GLOVES - Gants - Handschuhe - Guantes**



**MULTI-USE LEATHER APRON - Tablier cuir multi-usage - Delantal de cuero multi-uso - Mehrzweck-Lederschürze**



**EQUIPMENT FOR OPERATIONS ON ELECTRIC AND HYBRID VEHICLES** - Équipements pour opérations sur véhicules électriques & hybrides - Ausrüstung für den Betrieb von Elektro- und Hybridfahrzeugen

**FACE SHIELD WITH HEADBAND**  
- ÉCRAN FACIAL AVEC SERRE-TÊTE  
068018



**INSULATING GLOVES (T10)**  
- GANTS ISOLANTS (T10)  
068025



**25 pieces insulated tools 1000V - Coffret de 25 outils isolés 1000V**  
066489

|  |     |
|--|-----|
| 7/8/10/12/14/15/17/19/22 mm sockets<br>- Douilles 7/8/10/12/14/15/17/19/22 mm                  | x 9 |
| 175 mm universal pliers in chrome vanadium<br>- Pince universelle de 175 mm en chrome vanadium | x 1 |
| Cutting pliers 150 mm in chrome vanadium<br>- Pince coupante 150 mm en chrome vanadium         | x 1 |
| 3/8" ratchet - Cluqiet en 3/8"   | x 1 |
| Extension 100 mm - Rallonge 100 mm   | x 1 |
| T-handle - Poignée en T  | x 1 |
| Open ended wrenches 7/8/10/12/14/17 mm<br>- Clés plates à fourches 7/8/10/12/14/17 mm          | x 6 |
| Cable knife - Couteau pour câble   | x 1 |
| Phillips PhH1x100/PhH2x100 mm screwdriver<br>- Tournevis Phillips PhH1x100/PhH2x100 mm         | x 2 |
| Flat screwdriver 5.5x125 / 4x100 mm<br>- Tournevis plats 5.5x125/4x100 mm                      | x 2 |



**Kit for marking the area of intervention**  
- Kit pour le balisage de la zone d'intervention  
- Kennzeichnungsset für Hochvolt-Bereiche  
064409

|   |     |
|---|-----|
| Red and white warning pole - Balise de signalisation rouge et blanche                           | x 4 |
| Red and white bounding line - Chaîne de délimitation rouge et blanche                           | x 1 |
| Sign board "Danger, working area EHV" - Pancarte de signalisation "Danger, zone de travail VEH" | x 2 |



**TROUSER** - Pantalon - Hose



|                                |                           |
|--------------------------------|---------------------------|
| EN ISO 11611 Class 2-A1 & A2   | 98% cotton, 2% antistatic |
| EN ISO 11612 A1+A2-B1-C1-E3-F1 | S (40/42) 046368          |
| EN 1149-5                      | M (44/46) 046375          |
| IEC 61482-2 Class 1-4kA        | L (48/50) 046382          |
| EN 14404 +A1 Type 2            | XL (52/54) 046399         |
|                                | XXL (56/58) 046412        |

**JACKET** - Veste - Jacke

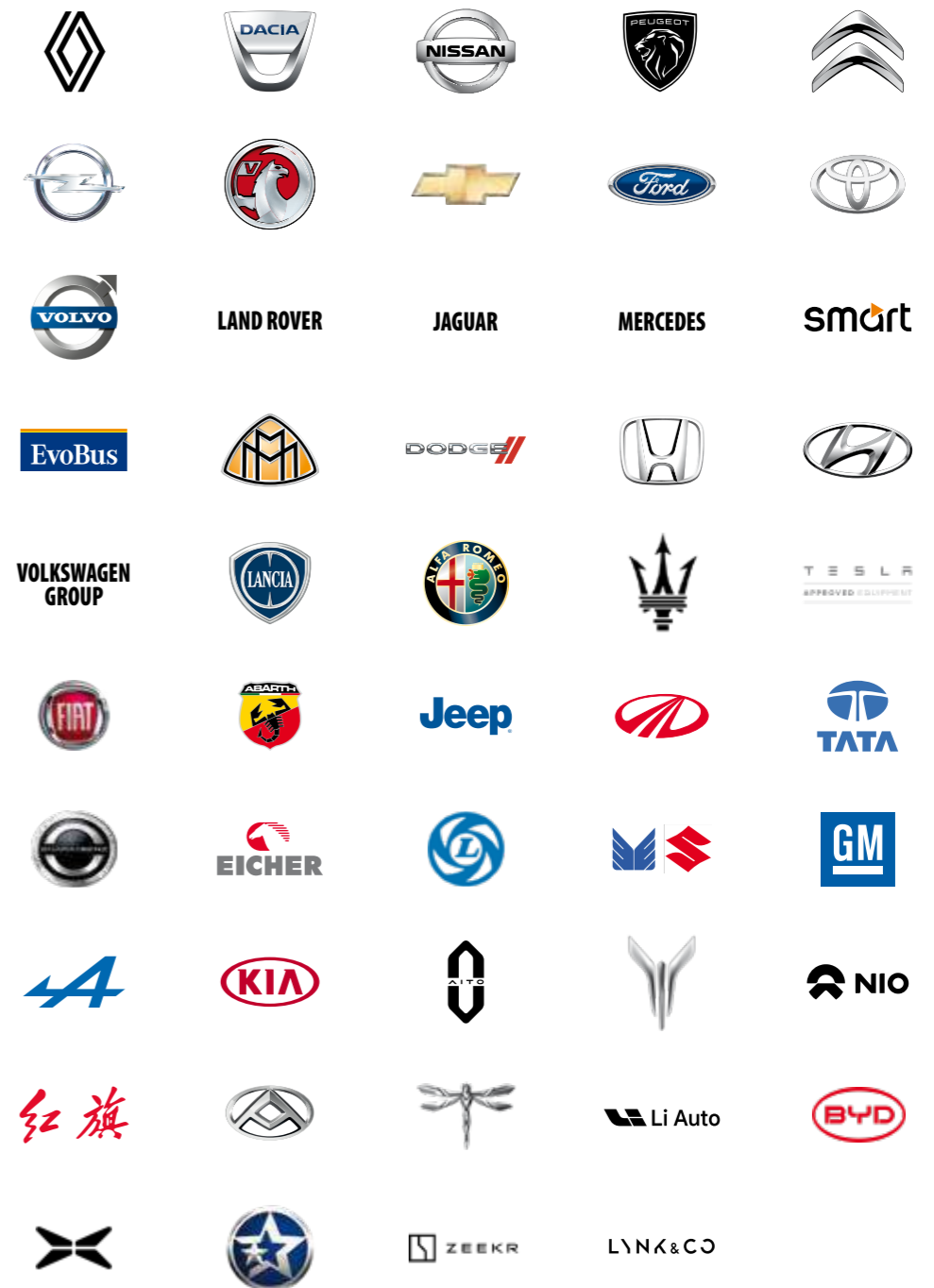


|                                |                           |
|--------------------------------|---------------------------|
| IEC 61482-2 Class 1-4kA        | 98% cotton, 2% antistatic |
| EN ISO 11612 A1+A2-B1-C1-E3-F1 | S (40/42) 046313          |
| EN 14404 +A1 Type 2            | M (44/46) 046320          |
| EN ISO 11611 Class 2-A1 & A2   | L (48/50) 046337          |
| EN 1149-5                      | XL (52/54) 046344         |
|                                | XXL (56/58) 046351        |



★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE





INVEST IN THE FUTURE



French manufacturer  
since 1964

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# Car Body Welding Systems

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Catalogo Carrozzeria  
Karosserie-Schweißtechnik Katalog  
Catálogo de Soldadura para Carrocería



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[www.gys.fr](http://www.gys.fr)



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## MARKETING

Podium de  
présentation  
- Display  
stand  
- Podest

**PODIUM 1**  
A : 45 cm  
B : 50 cm  
C : 50 cm  
063204

**PODIUM 2**  
A : 80 cm  
B : 50 cm  
C : 50 cm  
063211



Oriflamme  
- Flag  
3 x 0,50 m  
098015



Barnum 3 x 3 m  
098022



Open barnum  
2 x 2 m  
098039



Linéaire de vente  
avec 2 étagères  
- Retail display  
space  
with 2 shelves  
- Lochwandregal  
mit 2 Böden  
(machines not  
included)  
060784



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