



**Tools**



French manufacturer  
since 1964



# Welding, Plasma cutting & Induction heating


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



## MMA/ SMAW

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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

GYSARC PRO

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ACCESSORIES & CONSUMABLES

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EXPERT

# MMA TRADITIONAL



## PROFESSIONAL



### EXPERT 110

230 V • 1 ~

**100A**

⚡ Ø 2+2.5 mm



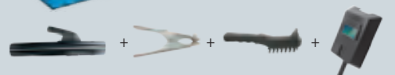
062375

### EXPERT 130

230 V • 1 ~

**130A**

⚡ Ø 2+3.2 mm



015029

### EXPERT 220 DV

230V 1~ • 400V 2~

**220A**

⚡ Ø 2+4 mm



connection 1~/2~ +

015128

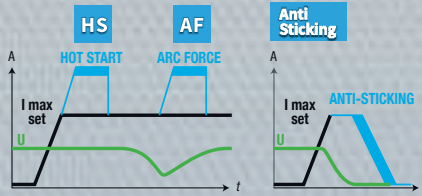
|                      | MADE IN P.R.C. |         |    | EN60974-1 (40°C) |      |      | U <sub>o</sub> |    | Protected & compatible power generator (+/-15%) |             |          |                   |
|----------------------|----------------|---------|----|------------------|------|------|----------------|----|---|-------------|----------|-------------------|
|                      |                |         |    | 50 / 60 Hz       | A    | A    |                |    | I (60%)   | X% (I2 max) |          | 100%              |
| <b>EXPERT 110</b>    |                | 230V 1~ | 8  | 75 → 100 AC      | —    | —    | —              | 48 | 47 × 24 × 32 / 13                               | 6.5 kW      | 11 kVA   | 28 × 17 × 26 / 13 |
| <b>EXPERT 130</b>    |                | 230V 1~ | 10 | 55 → 130 AC      | 53 A | 10 % | —              | 48 | 47 × 24 × 36 / 18                               | 6.8 kW      | 11.3 kVA | 39 × 19 × 32 / 18 |
| <b>EXPERT 220 DV</b> |                | 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



7

ON DEMAND



230 V • 1 ~

GYSARC 80

230 V • 1 ~  
**80 A**  $\frac{1}{4}$  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**  $\frac{1}{4}$  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**  $\frac{1}{4}$  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**  $\frac{1}{4}$  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**  $\frac{1}{4}$  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 NORM. EN60974-1 | MADE IN GYS CHINA | ~    | 50/60 Hz | I <sub>1</sub> A | I <sub>2</sub> A | INTEGRATED TECHNOLOGY |    |    |               | X% GYS (20°C)<br>for normal use | EN60974-1 (40°C) |                         |      | U <sub>0</sub> | cm  | kg |
|--------------------|-------------------|------|----------|------------------|------------------|-----------------------|----|----|---------------|---------------------------------|------------------|-------------------------|------|----------------|-----|----|
|                    |                   |      |          |                  |                  | P400                  | HS | AF | Anti sticking |                                 | I (60%)          | X% (I <sub>2</sub> 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



GYSMI

# MMA INVERTER

230 V • 1~



P400 PROTEC 400



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



## POTENTIOMETER

### GYSMI 80P

230 V • 1 ~

**80 A** ⚡ — Ø 1.6 → 2.5 mm

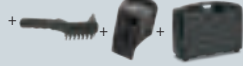
P400 HS AF Anti Sticking



1.6 m, 10 mm<sup>2</sup> + 1.6 m, 10 mm<sup>2</sup>  
**029958**



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



**029941**

### GYSMI 130P

230 V • 1 ~

**130 A** ⚡ — Ø 1.6 → 3.2 mm

P400 HS AF Anti Sticking



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>  
**029972**

🇬🇧 🇬🇧 030121



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 11

**031449**

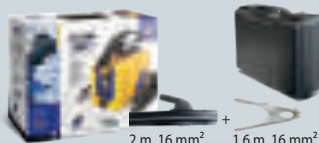
TRUECOLOR

### GYSMI 160P

230 V • 1 ~

**160 A** ⚡ — Ø 1.6 → 4 mm

P400 HS AF Anti Sticking



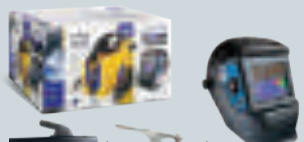
2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>  
**030077**



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 11

**030435**

TRUECOLOR



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 9/13

**031555**

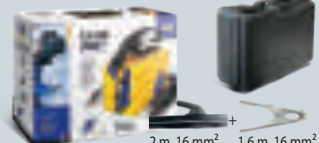
TRUECOLOR

### GYSMI 200P

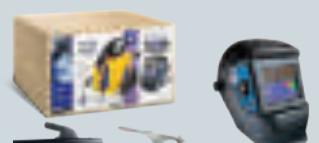
230 V • 1 ~

**200 A** ⚡ — Ø 1.6 → 5 mm

P400 HS AF Anti Sticking



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>  
**030794**



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 9/13

**031579**

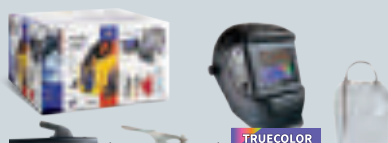
TRUECOLOR

## OPTIONS

### TIG torch kit SR17V (valve)

- 4 m, 10/25 mm<sup>2</sup> for GYSMI:
- ✓ 130P
- ✓ 160P
- ✓ 200P
- ✓ E163
- ✓ E200FV

044425



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 11



Ø 2 mm, x 50  
**013360**





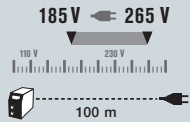


PROGYS

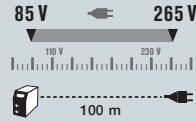
# MMA INVERTER



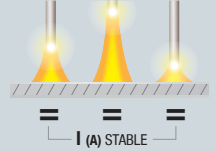
**PFC** POWER FACTOR CORRECTION



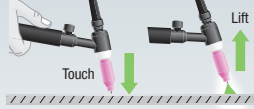
**FV** FLEXIBLE VOLTAGE



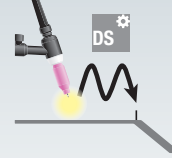
**SR** SECONDARY REGULATION



**TIG LIFT**



**ADS** AUTO DOWN SLOPE



**VT** VOLTAGE TEST



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

**NEW**  
04/2023



230 V • 1 ~

PROGYS 160 LA

**NEW**

230 V • 1 ~

**160 A** ⚡ Ø 1.6 → 4 mm

HS AF Lift Arc



077508

PROGYS 180A

230 V • 1 ~

**180 A** ⚡ Ø 1.6 → 4 mm

P400 HS AF Anti Sticking



031425



PROGYS 183 E

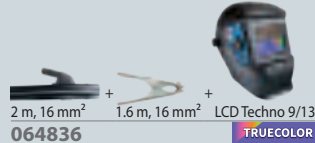
230 V • 1 ~

**180 A** ⚡ Ø 1.6 → 4 mm

P400 HS AF Anti Sticking TIG LIFT ADS



013803



PROGYS 200A PFC

230 V • 1 ~

**200 A** ⚡ Ø 1.6 → 5 mm

P400 PFC HS TIG LIFT ADS



031432



OPTIONS

TIG torch kit SR17V (valve)  
4 m

for 10/25 mm<sup>2</sup>, Ø9:  
✓ 180A  
✓ 183 E  
✓ 200A PFC  
044425

for 35/50 mm<sup>2</sup>, Ø13:  
✓ 200E FV CEL  
✓ 220E FV CEL  
✓ FLEX 280 CEL  
044401



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

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

060432

details p.101



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

**NEW**

for  
✓ GYSARC 220 FV  
✓ PROGYS 220

077461

details p.101



REMOTE CONTROL

Foot pedal  
RC-FA1  
4 m  
045682



Hand remote control  
RC-HA1  
8 m  
045675



EN60974-1

MADE IN GYS CHINA



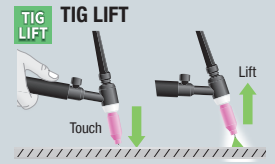
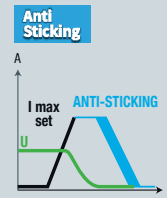
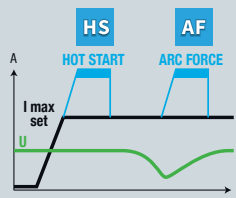
MADE IN FRANCE





GYSARC PRO

# MMA INVERTER



Compatible



2 m  
230V



3 m  
400V

110 → 230 V • 1 ~

**GYSARC 220 FV CEL**

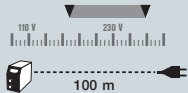
110 → 230 V • 1 ~



**220 A** ⚡ Ø 1.6+5mm

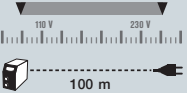
**PFC** POWER FACTOR CORRECTION

185 V ← 265 V



**FV** FLEXIBLE VOLTAGE

85 V ← 265 V



**GYSARC 300 TRI**

400 V • 3 ~



**300 A** ⚡ Ø 1.6+6.3mm

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

VRD inside HS AF Anti Sticking **CEL** cellulosic

TIG LIFT IP 23 **GOUGING**

no accessories :  
064959

OPTIONS

**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 XS00.95 | 4   | TYREX 600.95 | 50              | 35/50           |

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

044401




**VRD inside**

Voltage Reduction Device

Software &amp; Hardware protection

**VRD ON**    **VRD OFF**

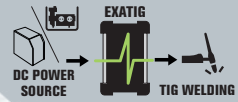
|         | U <sub>0</sub> = |         |
|---------|------------------|---------|
| 220 FV  | 14 V             | 80/86 V |
| 300 TRI | 20 V             | 83 V    |
| 400 TRI | 20 V             | 84 V    |



# 4 in 1

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

**EXATIG**  
013780

**UNIVERSAL**


details p.67

**400 V • 3 ~**
**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  
1000 A  
041516

 Adaptateur gougeage  
- Gouging clamp adaptor  
- Fugenhobeladapter  
70 mm<sup>2</sup> - 5 m  
040670

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

Ø 5 mm (x50) 069756

Ø 6.4 mm (x50) 086081

Ø 8 mm (x50) 086098

|                          | MADE IN GYS CHINA |       |   |    | I <sub>2</sub> | INTEGRATED TECHNOLOGY |   |   |   |      |     |    | X% GYS (20°C) | EN60974-1 (40°C) |               |             |       |      |                     |          |          |
|--------------------------|-------------------|-------|---|----|----------------|-----------------------|---|---|---|------|-----|----|---------------|------------------|---------------|-------------|-------|------|---------------------|----------|----------|
|                          |                   |       |   |    |                | 50 / 60 Hz            | m | A | A | P400 | VRD | HS |               | AF               | Anti sticking | CEL         |       |      |                     | TIG Lift | IP 23    |
| <b>GYSARC 220 FV CEL</b> | 1                 | 230V  | 2 | 16 | 10 → 220       | ■                     | ■ | ■ | ■ | ■    | ■   | ■  | ■             | 40% @ 220 A      | 130 A         | 20%         | 100 A | 86 V | 42 × 21 × 35 / 10.5 | 10 kW    | 12.5 kVA |
|                          |                   |       |   | 32 | 10 → 120       | ■                     | ■ | ■ | ■ | ■    | ■   | ■  | ■             | ■                | ■             | 60% @ 120 A | 90 A  | 30%  |                     |          |          |
| <b>GYSARC 300 TRI</b>    | 3                 | 400 V | 3 | 16 | 20 → 300       | —                     | ■ | ■ | ■ | ■    | ■   | ■  | ■             | 100% @ 300 A     | 300 A         | 60%         | 230 A | 83 V | 54 × 46 × 28 / 26   | 10 kW    | 12.5 kVA |
| <b>GYSARC 400 TRI</b>    | 3                 | 400 V | 4 | 32 | 20 → 400       | —                     | ■ | ■ | ■ | ■    | ■   | ■  | ■             | 100% @ 400 A     | 400 A         | 60%         | 350 A | 84 V | 58 × 52 × 30 / 38   | 30 kW    | 36 kVA   |

**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                   |

Spécial soudage en position - knieförmig

**SHARK**



**Thermoset**  
matériau isolant thermique - thermal insulating material - thermoisoliertes Material

|               | 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>400A (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**

- Electrode holder kits  
- Montierter Elektrodenhalter



| A       | 🔧              | L m | ⊗ mm <sup>2</sup> | ⚡ mm <sup>2</sup> | ∅  | x1 | 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)**

- MMA kits (Electrode holder + earth clamp + cable/connectors)  
- Kit MMA (cables + pinzas + conectadores)  
- MMA-Sets (Elektrodenhalter + Masseklemme montiert)



|       | A         | 🔧     |                | ⚡     |               | ⊗ mm <sup>2</sup> | ⚡ mm <sup>2</sup> | ∅  | x1 | Ref.   |
|-------|-----------|-------|----------------|-------|---------------|-------------------|-------------------|----|----|--------|
|       |           | L (m) | model          | L (m) | model         |                   |                   |    |    |        |
| 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 SR17 V (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 / 250 TRI /  
CEL 250 TRI / FLEX 280 CEL / EXAGON 400  
044401



**GUIDE CÂBLE DE SOUDAGE - Welding cable hitch - Schweißkabelführung**

044234



**SUPPORT PORTE-ÉLECTRODES MAGNÉTIQUE - Electrode holder stand with magnetic base - magnetischer Elektrodenhalter**

038028



**GOUGEAGE - Gouging - Fugenhobeln**



Pince de gougeage - Gouging Torch  
- Fugenhobel-Zange, 1 000 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  
- Fugenhobelelektrode - Electrodes de carbono  
Ø 5 mm (x50) 069756  
Ø 6.4 mm (x50) 086081  
Ø 8 mm (x50) 086098

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



**HAMMER 260**  
260 mm, 240 g (x1)  
044159



**HAMMER 285**  
285 mm, 425 g (x1)  
044128



**HAMMER 370 PRO**  
Premium  
270 mm / 370 g (x1)  
066663



**HAMMER 290 PRO**  
Premium  
290 mm, 465 g (x1)  
044135

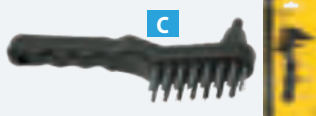


**HAMMER 320 PRO**  
Premium  
320 mm, 425 g (x1)  
044142

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



A



C



B




D

|   |  |   | 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 | —                               |

# ACIER/STEEL





6013 - Rutile - Rutile- Rutilos - Rutielen - Rútílos

**Normes - Norms - Normen - Norma**  
 AWS A 5.1 : E 6013  
 EN ISO 2560-A : E 420 RC 11  
 DB  - Zulassung-Nr : 10.064.02



**Position**  
  
 Polarity (-)

**Mechanic**  
 Re : 440 Mpa  
 Rm : 540 Mpa  
 A 5 d : 24%  
 Impact energy : 0°C 50J







|          |  |  |  |  |        | kg   |
|----------|---|--|---|---|--------|------|
| <b>A</b> | Ø 1.6   | 300  | 210   | ■   | 085114 | 1.65 |
|          | Ø 2.0   | 350  | 155   | ■   | 085121 | 2.08 |
|          | Ø 2.5   | 350  | 110   | ■   | 085138 | 2.11 |
|          | Ø 3.2   | 350  | 70  | ■   | 085145 | 2.09 |
|          | Ø 4.0   | 350  | 47  | ■   | 085152 | 2.21 |
| <b>B</b> | Ø 2.0   | 350  | 355   | ■   | 085022 | 4.82 |
|          | Ø 2.5   | 350  | 230   | ■   | 085039 | 4.46 |
|          | Ø 3.2   | 350  | 165   | ■   | 085046 | 4.85 |
|          | Ø 4.0   | 350  | 110   | ■   | 085053 | 5.39 |



|       |  |  |        |
|-------|---|--|--------|
| Ø 1.6 |   | 17   | 084315 |
|       |   | 50   | 084414 |
| Ø 2.0 |   | 13   | 084322 |
|       |   | 50   | 084421 |
| Ø 2.5 |   | 11   | 084339 |
|       |   | 50   | 084438 |
| Ø 3.2 |   | 9  | 084346 |
|       |   | 50   | 084445 |
| Ø 4.0 |   | 8  | 084353 |
|       |   | 50   | 084452 |



|       |  |  |  |  | kg  |
|-------|---|--|---|---|-----|
| Ø 2.5 |   | 350  | 75  | 081598  | 1.5 |
|       |   |  | 252   | 086005  | 4.6 |
| Ø 3.2 |   | 350  | 54  | 081604  | 1.7 |
|       |   |  | 172   | 086012  | 5   |
| Ø 4.0 |   | 350  | 117   | 086029  | 5   |





7018 (low hydrogen) - Basic - Basisch - Básicos - Basis

**Normes - Norms - Normen - Norma**  
 AWS A 5.1 : E 7018-1  
 ISO 2560-A : E 42 4B 42 H5

**Position**  
  
 Polarity (+/-)

**Mechanic**  
 Re : 470 Mpa  
 Rm : 560 Mpa  
 A 5 d : 26%  
 Impact energy : -40°C 60J  
 H2-H5 (5 ml/100 g)



|       |  |  |  |                 |  (2 kg)<br>AIR SEALED |
|-------|---|--|---|-----------------|--|
| Ø 2.0 |   | 300  | 13  | <b>A</b> 066717 |  |
|       |   |  | 10  | <b>A</b> 066724 |  |
| Ø 2.5 |   | 350  | 210   | <b>B</b> 081918 |  |
|       |   |  | 84  |                 | 081970   |
| Ø 3.2 |   | 350  | 7   | <b>A</b> 066731 |  |
|       |   |  | 130   | <b>B</b> 081925 |  |
|       |   |  | 54  |                 | 081987   |
| Ø 4.0 |   | 350  | 6   | <b>A</b> 066748 |  |
|       |   |  | 96  | <b>B</b> 081932 |  |
|       |   |  | 38  |                 | 081994   |

# ALUMINIUM - Aluminium - Aluminio




4043

**Normes - Norms - Normen - Norma**  
 AWS A 5.3 : E 4043  
 ISO 18273 : Al 4043 A  
 DIN 1732 : EL-AISI5

**Position**  
  
 Polarity (+)

**Mechanic**  
 Re : 100 MPa  
 Rm : 200 MPa  
 A 5 d : 5%  
 Impact energy : -20°C 20J



|       |  |  |  | kg |
|-------|---|---|---|----|
| Ø 2.5 |   | 7   | 073708  | -  |
| Ø 3.2 |   | 5   | 084803  | -  |
| Ø 3.2 |   | 147   | 081949  | 2  |



**ACIER INOXYDABLE - Stainless Steel - Edelstahl**

**312R**



Position



Polarity (+)

**Normes - Norms - Normen - Norma**

AWS 5.4 / E312-16  
EN ISO 3581-A / E 29 9 R

**Mechanic**  
Re : 450 MPa  
Rm : 680 MPa  
A 5 d : 25%  
Impact energy :  
-20°C 60J

Dissimilar Electrodes - Maintenance & Repair

| ↕     | ↔ x ... |        |
|-------|---------|--------|
| Ø 2.0 | 84      | 073661 |
| Ø 2.5 | 54      | 081475 |
| Ø 3.2 | 28      | 081468 |
| Ø 4.0 | 19      | 073678 |

**308L**



Position



Polarity (+)

**Normes - Norms - Normen - Norma**

AWS A 5.4 : E 308 L-17  
EN ISO 3581-A : E 19 9L R32

**Mechanic**  
Re : 380 MPa  
Rm : 600 MPa  
A 5 d : 38%  
Impact energy :  
-20°C 60J

| ↕     | ↔ x ... |        |
|-------|---------|--------|
| Ø 2.0 | 14      | 073692 |
| Ø 2.5 | 10      | 082328 |

**316L**



Position



Polarity (+)

**Normes - Norms - Normen - Norma**

AWS A 5.1 : E 316 L-16  
EN ISO 3581-A : E 19 12 3L R31  
DIN 8556 : E 19 12 3 NCR23

**Mechanic**  
Re : 350 MPa  
Rm : 490 MPa  
A 5 d : 30%  
Impact energy :  
-20°C 60J

| ↕     | ↔ x ...      |        |
|-------|--------------|--------|
| Ø 1.6 | 14           | 073685 |
| Ø 2.0 | 12           | 082359 |
| Ø 2.5 | 10           | 082335 |
| Ø 2.5 | 30           | 081499 |
| Ø 3.2 | 8            | 082342 |
| Ø 3.2 | 25           | 081482 |
| Ø 3.2 | 600 ( 20 kg) | 081963 |

**FORTE - Cast Iron - Gusselektroden - Hierro Colado - Gießtizer - Ferro Fundido**



**Normes - Norms - Normen - Norma**

AWS A 5.15 : E Ni Fe Cl  
EN ISO 1071 : EC NiFe-Cl1  
DIN 8573 : E Ni Fe BG 13

Position



Polarity (+)

**Mechanic**  
Re : 390 MPa  
Rm : 550 MPa

| ↕     | ↔ x ... |        |
|-------|---------|--------|
| Ø 2.5 | 12      | 083332 |
| Ø 3.2 | 9       | 083349 |
| Ø 3.2 | 156     | 081956 |

**RECHARGEMENT - Hardfacing - Auftragschweißen - Recargue - Heriaden - Enchimento**



**Normes - Norms - Normen - Norma**

EN 14700 : E Fe 2  
DIN 8555 : E2-UM-60

Position



Polarity (-)

**Mechanic**  
55/60 HRC  
580-610 HB

| ↕     | ↔   | X ... |        | kg  |
|-------|-----|-------|--------|-----|
| Ø 3.2 | 450 | 141   | 081529 | 6.6 |
| Ø 4.0 | 450 | 93    | 081512 | 6.8 |
| Ø 2.5 | 350 | 46    | 081543 | 1   |
| Ø 3.2 | 450 | 22    | 081574 | 1   |
| Ø 4.0 | 450 | 14    | 081581 | 1   |

**CARQUIS ISOTHERMIQUE POUR ELECTRODES**

- Electrode canister - Thermo-Isolierbox für Schweißelektroden

45 cm  
Capacité - Capacity  
- Kapazität - Capacidad :  
7 kg

060258



**ÉTUVES ÉLECTRODES - Electrodes oven - Elektrodenofen**

**DRY 5.150**  
Capacity :  
5 kg - 150°C  
060685



**DRY 5.200R**  
Capacity :  
5 kg - 50>200°C  
060692



**DRY 10.350R**  
Capacity :  
10 kg - 50>400°C  
060708







# 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 |



PROTIG

# TIG DC

EN 1090



PATENTS REGISTERED  
EUROPEAN TRADEMARK & DESIGN



Adjustable  
Downslope  
Automatic  
Postgas

New design, new name  
TIG 160 DC Lift > PROTIG 160 DC Lift

COMING  
SOON



10/25 mm<sup>2</sup>  
Ø 9 mm



35/50 mm<sup>2</sup>  
Ø 13 mm



35/50 mm<sup>2</sup>  
Ø 13 mm

**160 A** 230 V • 1 ~

P400 L/DB



2m, 16mm<sup>2</sup> 1.6m, 16mm<sup>2</sup> SR17DB, 4m

**TIG 160 DC LIFT**

011106

**PROTIG 160 DC LIFT**

077287

**PROTIG 161 DC**

**160 A** 230 V • 1 ~

P400 SR AID TIG PULSE

L/DB MMA PULSE

no accessories:

066649



2m, 25mm<sup>2</sup> 2 m, 25mm<sup>2</sup> SR17DB, 4m

062054

**PROTIG 200 DC**

**200 A** 230 V • 1 ~

P400 SR AID TIG PULSE

L/DB MMA PULSE



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

062009

## OPTIONS

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

✓ 160 DC-LIFT  
✓ 161 DC

060432

details p.101



Interior:  
19 x 35 x 50  
(cm)

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

✓ 160 DC-LIFT  
✓ 161 DC  
✓ 200 AC/DC  
✓ 201 AC/DC

077461

details p.101

NEW



Interior:  
27 x 43 x 56  
(cm)



Foot pedal RC-FA1  
4 m  
045682



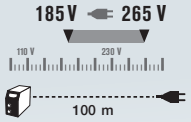
045699



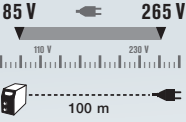
Hand remote control  
RC-HA1 8 m  
045675



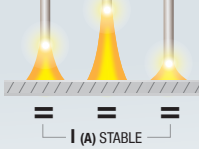
**PFC** POWER FACTOR CORRECTION



**FV** FLEXIBLE VOLTAGE



**SR** SECONDARY REGULATION

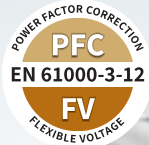
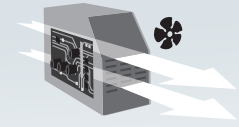


**IP 23**

INDOOR / OUTDOOR



**AD** ANTI-DUST VENTILATION CORRIDOR



35/50 mm<sup>2</sup> Ø 13 mm

35/50 mm<sup>2</sup> Ø 13 mm

**OPTION**  
Cooling unit **WCU 0.5kW A**  
500 W, 1.5 L, 8 kg  
liquid not included  
039490

35/50 mm<sup>2</sup> Ø 13 mm

**OPTION**  
Cooling unit **WCU 1kW B**  
1000 W, 3 L, 15 kg  
liquid not included  
032217

**PROTIG 201 DC FV**

**200 A** 110 → 230 V • 1 ~

P400 PFC FV SR AID TIG PULSE

L/DB/P MMA PULSE

VRD inside

no accessories :  
**065772**

2m, 25mm<sup>2</sup> 2m, 25mm<sup>2</sup> SR17DB, 4m

**065765**

**PROTIG 221 DC FV**

**220 A** 110 → 230 V • 1 ~

P400 PFC FV SR AID TIG PULSE

L/DB/P MMA PULSE

no accessories :  
**070905**

**TIG 300 DC**

**300 A** 400 V • 3 ~

SR AID TIG PULSE

CONNECT 5 ARC ON L/DB/P

CEL cellulasic MMA PULSE

AD IP 23

no accessories :  
**012318**

|                   | 50/60 Hz                | A       | 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%) |         |          |         |
|-------------------|-------------------------|---------|--------------------|--------------------|-----------------------|-----|----|----|-----|---------------|---------------|-------------|----|------|---------------------------|-------------------------|-------|---------------------------|-------------------------|----------------|------|--------------|---|---------|----------|---------|
|                   |                         |         |                    |                    | P400                  | PFC | FV | SR | AID | TIG PULSE     | MMA PULSE     | CEL         | AD | IP23 | EN60974-1 (40°C) IA (60%) | X% (I <sub>2</sub> max) | 100%  | EN60974-1 (40°C) IA (60%) | X% (I <sub>2</sub> max) |                |      |              |   |         |          |         |
| MADE IN FRANCE    | <b>TIG 160 DC Lift</b>  | 230V 1~ | 16                 | 20 → 160           | 20 → 160              | ■   | —  | —  | —   | —             | —             | —           | —  | —    | —                         | —                       | 95 A  | 22%                       | —                       | 80 A           | 17%  | 72 V         | 21 x 27 x 14                                    | 9       | 6 kW     | 7.5 kVA |
|                   | <b>PROTIG 161 DC</b>    | 230V 1~ | 16                 | 10 → 160           | 10 → 160              | ■   | —  | —  | ■   | ■             | 0.1 → 100 Hz  | 0.4 → 20 Hz | —  | —    | —                         | —                       | 105 A | 20%                       | 95 A                    | 95 A           | 15%  | 92 V         | 36 x 28 x 16                                    | 7.5     | 6 kW     | 7.5 kVA |
| MADE IN GYS CHINA | <b>PROTIG 200 DC</b>    | 230V 1~ | 16                 | 5 → 200            | 10 → 160              | ■   | —  | —  | ■   | ■             | 0.1 → 900 Hz  | 0.4 → 20 Hz | —  | —    | —                         | 115 A                   | 20%   | 90 A                      | 90 A                    | 20%            | 65 V | 43 x 33 x 21 | 10  | 7.5 kW  | 10 kW    |         |
| MADE IN FRANCE    | <b>PROTIG 201 DC FV</b> | 110V 1~ | 32                 | 10 → 180           | 10 → 140              | ■   | ■  | ■  | ■   | ■             | 0.1 → 2000 Hz | 0.4 → 20 Hz | —  | —    | —                         | 125 A                   | 25%   | 110 A                     | 100 A                   | 25%            | 70 V | 41 x 20 x 23 | 10  | 7.5 kVA |          |         |
|                   |                         | 230V 1~ | 16                 | 10 → 200           | 10 → 200              | ■   | ■  | ■  | ■   | ■             | 0.1 → 2000 Hz | 0.4 → 20 Hz | —  | —    | —                         | 165 A                   | 30%   | 140 A                     | 135 A                   | 20%            |      |              |   |         |          |         |
|                   | <b>PROTIG 221 DC FV</b> | 110V 1~ | 32                 | 5 → 180            | 10 → 140              | ■   | ■  | ■  | ■   | ■             | 0.1 → 2000 Hz | 0.4 → 20 Hz | —  | —    | —                         | 125 A                   | 40%   | 140 A                     | 120 A                   | 30%            | 76 V | 43 x 30 x 23 | 13  | 8.5 kW  |          |         |
|                   | 230V 1~                 | 13      | 5 → 220            | 10 → 200           | ■                     | ■   | ■  | ■  | ■   | 0.1 → 2000 Hz | 0.4 → 20 Hz   | —           | —  | —    | 165 A                     | 35%                     | 140 A | 135 A                     | 25%                     |                |      |              |   |         |          |         |
|                   | <b>TIG 300 DC</b>       | 400V 3~ | 16                 | 5 → 300            | 10 → 250              | —   | —  | —  | ■   | ■             | 0.1 → 2000 Hz | 0.4 → 20 Hz | ■  | ■    | ■                         | 255 A                   | 35%   | 240 A                     | 220 A                   | 30%            | 90 V | 52 x 40 x 25 | 23  | 10 kW   | 12.5 kVA |         |



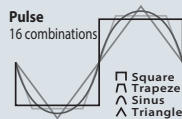
TITAN

# TIG DC

## TIG

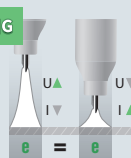
|             |      |      |
|-------------|------|------|
| STANDARD DC | SPOT | LIFT |
| PULSE       | TACK |      |

### WAVE FORMS



### E TIG

CONSTANT ENERGY



## MMA

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

## EVOLUTION

SOFTWARE UPDATE



# NEW

03/2023



TIG HF MULTI SPOT MULTI TACK

2 m  
230V



TITAN 231 DC FV

**230 A** 230 V • 1~

SR PFC FV AID L/DB/P IP 23

CEL cellulasic MMA PULSE

no accessories:  
075245



**OPTION**  
Cooling unit Koolweld 1  
800 W, 5.5 L, 15 kg  
liquid not included  
070820

### OPTIONS

Foot pedal RC-FA1  
4 m  
045682



Hand remote control RC-HA1  
8 m  
045675



Remote control RC-HD2  
062122



details p.56

Filter kit  
046580



USB key  
16 Go/GB included  
062344



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

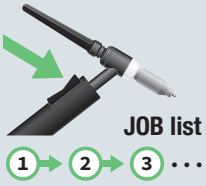
NEW



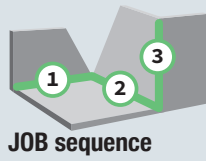
Diable 10m³ XL  
for Titan 231 DC FV  
076341

## ▶ PRODUCTIVITY

QUICK LOAD



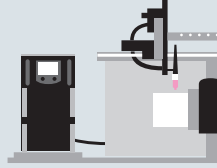
MULTIJOB



## ▶ AUTOMATION

**CONNECT 5** ARC ON

for Automation  
(5 programs)



**SAM** ✓

Automation module  
compatibility

SAM  
(details p.61)



70/95 mm<sup>2</sup>  
Ø 13 mm

5 m  
400V

### TITAN 400 DC

|              |              |
|--------------|--------------|
| <b>400 A</b> | 400 V • 3~   |
| FAST PULSE   | AID SR ↗     |
| 10 • 20 kHz  | L/DB/P IP 23 |

no accessories:  
013520

**OPTION**  
Cooling unit **WCU 1kW C**  
1000 W, 5,5 L, 15 kg  
liquid not included  
013537

|                        |  |  |            |    | I <sub>2</sub><br>TIG | I <sub>2</sub><br>MMA | INTEGRATED TECHNOLOGY |                 |      |            |           |     | TIG  |                  |             | MMA     |                  |       |        |              |      |             |       |       |      |        |
|------------------------|--|--|------------|----|-----------------------|-----------------------|-----------------------|-----------------|------|------------|-----------|-----|------|------------------|-------------|---------|------------------|-------|--------|--------------|------|-------------|-------|-------|------|--------|
|                        |  |  |            |    |                       |                       | SR                    | TIG PULSE       | ETIG | WAVE FORMS | MMA PULSE | CEL | IP23 | EN60974-1 (40°C) |             |         | EN60974-1 (40°C) |       |        |              |      |             |       |       |      |        |
|                        |  |  |            |    |                       |                       |                       |                 |      |            |           |     |      | I (60%)          | X% (I2 max) | 100%    | IA (60%)         |       |        |              |      | X% (I2 max) |       |       |      |        |
| <b>TITAN 231 DC FV</b> |  |  | 50 / 60 Hz | A  | A                     | A                     | ■                     | 0.1 → 2.500 Hz  | ■    | ■          | ■         | ■   | ■    | 200 A            | 45 %        | 160 A   | 145 A            | 22 %  | 77.5 V | 49 x 26 x 40 | 16.5 | 8.5 kW      |       |       |      |        |
|                        |  |  |            |    |                       |                       |                       |                 |      |            |           |     |      | 230V 1~          | 16          | 3 → 230 | 5 → 230          | 215 A | 50 %   |              |      |             | 200 A | 175 A | 25 % | 77.5 V |
|                        |  |  |            |    |                       |                       |                       |                 |      |            |           |     |      | 110V 1~          | 32          |         |                  | 120 A | 40 %   |              |      |             | 100 A | 85 A  | 23 % | 69 V   |
| <b>TITAN 400 DC</b>    |  |  | 400V 3~    | 32 | 3 → 400               | 5 → 400               | ■                     | 0.1 → 20 000 Hz | ■    | ■          | ■         | ■   | ■    | 400 A            | 60 %        | 360 A   | 400 A            | 60 %  | 82 V   | 68 x 30 x 54 | 40   | 30 kW       |       |       |      |        |



PROTIG

# TIG AC/DC



Youtube

**VRD inside** Voltage Reduction Device

| Software & Hardware protection |                            |               |
|--------------------------------|----------------------------|---------------|
|                                | U <sub>o</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                    |               |



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

**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

35/50 mm<sup>2</sup>  
Ø 13 mm

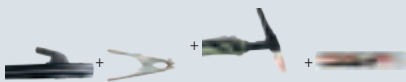
### PROTIG 200 AC/DC

**200 A**

230V · 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

**200 A**

110 → 230V · 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

**200 A**

230V · 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

### OPTIONS



Foot pedal RC-FA1  
4 m  
045682



Hand remote control RC-HA1  
8 m  
045675



045699



Cooling liquid (not included)

5L  
062511

10L  
052246



Screen protections

(x5)  
044043



EN60974-1



50/60Hz

A

MADE IN GYS CHINA

**PROTIG 200 AC/DC**

13



MADE IN FRANCE

**PROTIG 201 AC/DC FV**

**PROTIG 201 L AC/DC**

**TIG 250 AC/DC**

20

13

13

16



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 |

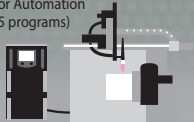
MMA

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

AUTOMATION

CONNECT 5 ARC ON

for Automation (5 programs)

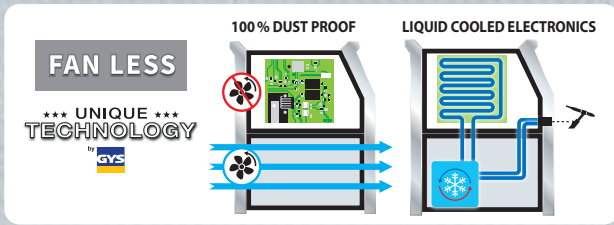


OPTION

10 m<sup>3</sup>



Skate TIG 250 AC/DC for TIG 250 AC/DC max 10m<sup>3</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

250 A 400 V • 3~

|                    |                                 |          |           |
|--------------------|---------------------------------|----------|-----------|
| 250A<br>60%<br>TIG | SR                              | AID      | TIG PULSE |
|                    | CONNECT 5 <small>ARC ON</small> | L/DB/P   |           |
|                    | IP 23                           | FAN LESS |           |

no accessories:  
012004

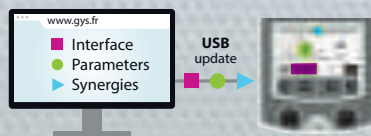
| I <sub>2</sub> TIG |        | INTEGRATED TECHNOLOGY |     |    |    |     |                                   |            |      |          |    | TIG              |            |             | MMA              |            | Freq. AC |                | ⊕               |             | ⊕            |              | ⊕     |          | ⊕   |  |
|--------------------|--------|-----------------------|-----|----|----|-----|-----------------------------------|------------|------|----------|----|------------------|------------|-------------|------------------|------------|----------|----------------|-----------------|-------------|--------------|--------------|-------|----------|---|--|
| A                  |        |                       |     |    |    |     |                                   |            |      |          |    | EN60974-1 (40°C) |            |             | EN60974-1 (40°C) |            |          |                |                 |             |              |              |       |          | Protected & compatible power generator (+/-15%) |  |
| AC                 | DC     | P400                  | PFC | FV | SR | AID | TIG PULSE                         | WAVE FORMS | IP23 | FAN LESS | AD | I (60%)          | X% (I2max) | 100 %       | I (60%)          | X% (I2max) | Hz       | U <sub>o</sub> | mm <sup>2</sup> | cm          | kg           |              |       |          |   |  |
| 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        | ∅ 13, 35/50  | 41 × 36 × 24 | 15    | 7.5 kW   | 10 kVA  |  |
| 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        | ∅ 13, 35/50  | 41 × 36 × 24 | 15    | 7.5 kW   |   |  |
| 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        | ∅ 13, 35/50  | 41 × 36 × 24 | 15    | 7.5 kW   |   |  |
| 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        | ∅ 13, 35/50  | 43 × 50 × 24 | 20.5  | 7.5 kW   |   |  |
| 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            | ∅ 13, 35/50 | 48 × 80 × 75 | 58           | 10 kW | 12.5 kVA |   |  |



# TITANIUM

# TIG AC/DC

## CUSTOMISATION



TIG AC Pulse

## ACCESSIBILITY

3 interface levels

- EASY
- ADVANCED
- EXPERT

10 languages

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

TIG DC Synergic



TIG DC Tack



## TIG

|                            |                      |
|----------------------------|----------------------|
| STANDARD AC/DC             | HF / LIFT / TOUCH HF |
| PULSE                      | SPOT / MULTISPOT     |
| FAST PULSE<br>2.5 - 20 kHz | TACK / MULTITACK     |
|                            | AC MIX               |

**WAVE FORMS**

AC & Pulse  
16 combinations

- Square
- Trapeze
- Sinus
- Triangle

**E TIG**

CONSTANT ENERGY

**HF REG**

## MMA

|          |       |             |
|----------|-------|-------------|
| STANDARD | PULSE | 15 - 150 HZ |
|          |       | WAVE FORMS  |

## MANUAL

**QUICK LOAD**

**JOB list**

1 → 2 → 3 ...

**MULTIJOB**

**JOB sequence**

## AUTOMATION

**CONNECT 5** ARC ON

for Automation  
(5 programs)

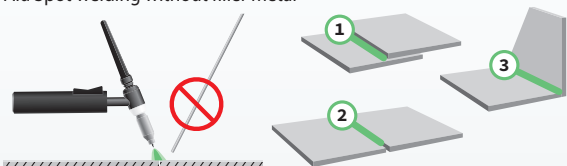
**SAM** Automation module compatibility  
SAM (details p.61)

**AUTOMATE / ROBOT**

## WIZARD ALU

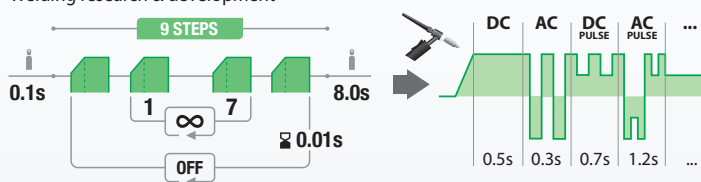
Alu Spot welding without filler metal

PATENTS REGISTERED



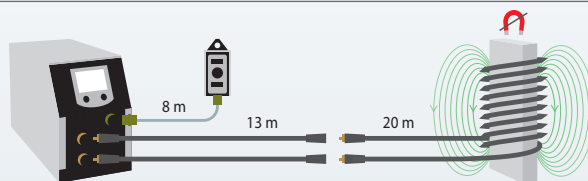
## TIG WIZARD

Welding research & development



## DEGAUSS

|                             |                              |                          |  |                           |
|-----------------------------|------------------------------|--------------------------|--|---------------------------|
| <b>Pack</b>                 |                              |                          |  |                           |
| <b>TITANIUM 400 DEGAUSS</b> | 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 |
| 067981                      |                              |                          |  |                           |



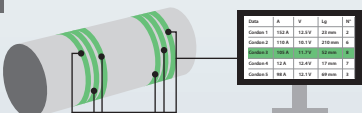
## CONNECTIVITY

### TRACEABILITY

History data export

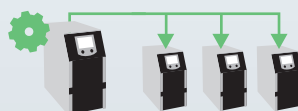
- QMOS - WPQR
- DMOS - WPS

ENERGY CONTROL : 20 kHz, kJ or kJ/cm



### PORTABILITY

Share configuration & jobs



### SOFTWARE UPDATE

Titanium evolutions





| PROTIG 221 DC FV                            |                       |                        |                       |                      |                       |
|---|-----------------------|------------------------|-----------------------|----------------------|-----------------------|
|   |                       |                        |                       |                      |                       |
| pack PROTIG 221 DC FV <b>AL1</b><br>072749  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm²<br>043794 | —                    | —                     |
| pack PROTIG 221 DC FV <b>ADB1</b><br>072763 | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm²<br>043794 | —                    | —                     |
| pack PROTIG 221 DC FV <b>WL1</b><br>072770  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm²<br>043794 | WCU0.5kW A<br>039490 | Diable 10m³<br>039704 |
| pack PROTIG 221 DC FV <b>WDB1</b><br>072787 | —                     | SR20 DB, 8 m<br>046146 | 4 m, 25 mm²<br>043794 | WCU0.5kW A<br>039490 | Diable 10m³<br>039704 |

| TIG 300 DC                                  |                       |                        |                       |                      |                       |
|---|-----------------------|------------------------|-----------------------|----------------------|-----------------------|
|   |                       |                        |                       |                      |                       |
| pack TIG 300 DC <b>AL1</b><br>012325        | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm²<br>043794 | —                    | —                     |
| pack TIG 300 DC <b>AL2</b><br>012332        | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm²<br>043794 | —                    | Diable 10m³<br>039704 |
| pack TIG 300 DC <b>ADB1</b><br>012349       | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm²<br>043794 | —                    | —                     |
| pack TIG 300 DC <b>ADB2</b><br>012356       | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm²<br>043794 | —                    | Diable 10m³<br>039704 |
| pack PROTIG 221 DC FV <b>WL1</b><br>012363  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm²<br>043794 | WCU0.5kW B<br>032217 | —                     |
| pack PROTIG 221 DC FV <b>WDB1</b><br>012370 | —                     | SR20 DB, 8 m<br>046146 | 4 m, 25 mm²<br>043794 | WCU0.5kW B<br>032217 | Diable 10m³<br>039704 |
| pack PROTIG 221 DC FV <b>WDB2</b><br>012509 | —                     | SR20 DB, 4 m<br>038202 | 4 m, 25 mm²<br>043794 | WCU0.5kW B<br>032217 | Diable 10m³<br>039704 |

| TITAN 400 DC                           |                        |                         |                       |                    |                          |
|--|------------------------|-------------------------|-----------------------|--------------------|--------------------------|
|  |                        |                         |                       |                    |                          |
| pack TITAN 400 DC <b>WL</b><br>013766  | 450 W L, 8 m<br>037359 | —                       | 4 m, 70 mm²<br>043831 | WCU1kW C<br>013537 | 10m³ T/M 400 A<br>037328 |
| pack TITAN 400 DC <b>WDB</b><br>013773 | —                      | 450 W DB, 8 m<br>037366 | 4 m, 70 mm²<br>043831 | WCU1kW C<br>013537 | 10m³ T/M 400 A<br>037328 |

| PROTIG 201 AC/DC                         |                       |                       |                       |                       |                            |
|--|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
|  |                       |                       |                       |                       |                            |
| pack PROTIG 201 AC/DC <b>L</b><br>066342 | SR26 L, 8 m<br>046184 | 4 m, 25 mm²<br>043855 | 4 m, 25 mm²<br>043794 | Diable 10m³<br>039704 | Ø 6,3/12 - 1,5 m<br>066670 |

| PROTIG 201 L AC/DC                         |                       |                       |                       |                        |                            |
|--|-----------------------|-----------------------|-----------------------|------------------------|----------------------------|
|  |                       |                       |                       |                        |                            |
| pack PROTIG 201 L AC/DC <b>L</b><br>066359 | SR20 L, 8 m<br>046153 | 4 m, 25 mm²<br>043855 | 4 m, 25 mm²<br>043794 | 10m³ XL T/M1<br>041257 | Ø 6,3/12 - 1,5 m<br>066670 |

| TIG 250 AC/DC                          |                       |                        |                       |                 |  |
|--|-----------------------|------------------------|-----------------------|-----------------|--|
|  |                       |                        |                       |                 |  |
| pack TIG 250 AC/DC <b>L</b><br>035430  | SR18 L, 8 m<br>045378 | —                      | 4 m, 25 mm²<br>043794 | Skate<br>040960 |  |
| pack TIG 250 AC/DC <b>DB</b><br>012301 | —                     | SR18 DB, 8 m<br>046092 | 4 m, 25 mm²<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 mm²<br>043794 | —                    | —                        |
| pack TITANIUM 230 AC/DC FV AL2<br>076983  | SR26 L, 8 m<br>046184 | —                      | 4 m, 25 mm²<br>043794 | —                    | Diablo 10m³ XL<br>076341 |
| pack TITANIUM 230 AC/DC FV ADB2<br>077027 | —                     | SR26 DB, 8 m<br>046177 | 4 m, 25 mm²<br>043794 | —                    | Diablo 10m³ XL<br>076341 |
| pack TITANIUM 230 AC/DC FV WL1<br>076990  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm²<br>043794 | Koolweld 1<br>070820 | —                        |
| pack TITANIUM 230 AC/DC FV WL2<br>077003  | SR20 L, 8 m<br>046153 | —                      | 4 m, 25 mm²<br>043794 | Koolweld 1<br>070820 | Diablo 10m³ XL<br>076341 |
| pack TITANIUM 230 AC/DC FV WDB1<br>077034 | —                     | SR20 DB, 8 m<br>046146 | 4 m, 25 mm²<br>043794 | Koolweld 1<br>070820 | —                        |
| pack TITANIUM 230 AC/DC FV WDB2<br>077041 | —                     | SR20 DB, 8 m<br>038202 | 4 m, 25 mm²<br>043794 | Koolweld 1<br>070820 | Diablo 10m³ XL<br>076341 |

TITANIUM 400 AC/DC

|                                       |                       |                        |                       |                    |                          |
|---------------------------------------|-----------------------|------------------------|-----------------------|--------------------|--------------------------|
|                                       |                       |                        |                       |                    |                          |
| pack TITANIUM 400 AC/DC WL<br>014763  | 450W L, 8 m<br>037359 | —                      | 4 m, 70 mm²<br>043831 | WCU1kW C<br>013537 | 10m³ T/M 400 A<br>037328 |
| pack TITANIUM 400 AC/DC WDB<br>062047 | —                     | 450W DB, 8 m<br>037366 | 4 m, 70 mm²<br>043831 | WCU1kW C<br>013537 | 10m³ 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**

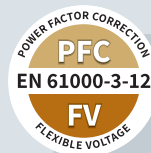
110 → 230 V • 1 ~

PFC FV SR

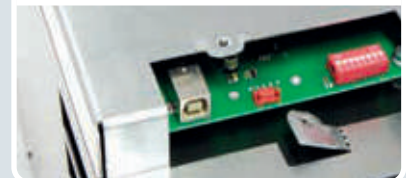
no accessories :  
012448



35/70 mm²  
Ø 13 mm



CAN BUS - CAN OPEN PROTOCOL



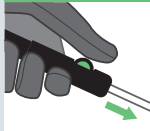
|                     |  |                    |          |                      |                         |              |              |       |              |   |
|---------------------|--|--------------------|----------|----------------------|-------------------------|--------------|--------------|-------|--------------|---|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

## MÉTAUX D'APPORT TIG - TIG filler rods - WIG-Schweißstäbe



|  | Ø (mm) | ↔ (m) | ☞   | ⚖ (kg) |        |
|--|--------|-------|-----|--------|--------|
| <b>Acier - Steel - Stahl (SG2)</b><br>AWS A 5.18 : ER70S-6<br>EN ISO 636A : W46 4 W3Si1        | 1.2    | 1     | 587 | 5      | 069411 |
|  | 1.6    | 0,33  | 60  | 0,33   | 087224 |
|  |        | 1     | 319 | 5      | 087019 |
|  | 2.0    | 0,33  | 40  | 0,33   | 087231 |
|  |        | 1     | 204 | 5      | 087217 |
|  | 2.4    | 0,33  | 27  | 0,33   | 069572 |
| <b>Inox - Stainless - Edelstahl (308L)</b><br>AWS A 5.9 : ER 308L<br>EN ISO 14343A : W199L     | 1.2    | 1     | 142 | 5      | 087033 |
|  | 1.6    | 0,33  | 108 | 0,33   | 069510 |
|  |        | 1     | 110 | 1      | 069497 |
|  | 2.0    | 0,33  | 60  | 0,33   | 087248 |
|  |        | 1     | 60  | 1      | 069428 |
|  | 2.4    | 0,33  | 40  | 0,33   | 087255 |
| <b>Inox - Stainless - Edelstahl (316L)</b><br>AWS A 5.9 : ER 316L<br>EN ISO 14343A : W19 12 3L | 1.2    | 1     | 40  | 1      | 069435 |
|  | 1.6    | 0,33  | 108 | 0,33   | 069527 |
|  |        | 1     | 110 | 1      | 069442 |
|  | 2.0    | 0,33  | 60  | 0,33   | 087262 |
|  |        | 1     | 560 | 5      | 069480 |
|  | 2.4    | 0,33  | 40  | 0,33   | 087279 |
| <b>Alu - Aluminium - Aluminium (AlMg5)</b><br>AWS A 5.10 : ER 5356<br>EN ISO 18273 : 5 Al 5356 | 1.2    | 1     | 28  | 1      | 069473 |
|  | 1.6    | 0,33  | 108 | 0,33   | 069534 |
|  |        | 1     | 920 | 5      | 087170 |
|  | 2.0    | 0,33  | 40  | 0,33   | 087286 |
|  |        | 1     | 590 | 5      | 087187 |
|  | 2.4    | 0,33  | 27  | 0,33   | 069565 |
| <b>Cuivre - Copper - Kupfer (ErCu)</b>   | 2.0    | 0,33  | 36  | 0,33   | 069558 |
|  | 2.0    | 0,33  | 5   | -      | 047280 |
| <b>Titane - Titanium - Titan</b>   | 1.6    | 0,33  | 83  | 0,25   | 069541 |

## STYLO MÉTAUX D'APPORT TIG - TIG filler rods feeder pen - WIG Pen zur Führung des WIG-Stabes



for Ø 1.0 · 3.2 mm  
130 x 15 mm  
065857

## COMMANDES DÉPORTÉES - Remote control - Fernregler

Foot pedal RC- FA1 (4 m)  
045682

Remote control RC-HA1 (8 m)  
045675

Connector  
7 pt  
045699



## SUPPORT TORCHE TIG MAGNÉTIQUE

- TIG torch stand with magnetic base  
- WIG-Brennerhalter mit Magnetfuß

045002



Tuyau caoutchouc  
- Gas hose  
Ø 6.3 X 13  
(EN ISO 3821)



1.5 m 066670  
4 m 046269  
<math>\varnothing</math> x m 046276



Gas connection set  
+ 2 clamps

5 m 045316

MIG / MAG / TIG  
Débimètre bout de torche  
Torch Gas Flow Meter  
Durchflussmessrohr



053939

## ÉLECTRODES TUNGSTÈNE - Tungsten electrodes - Wolfram Elektroden

### AC & DC

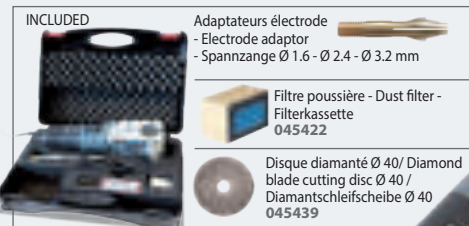


| WL15<br>LANTHANE 1.5% | WL20<br>LANTHANE 2% | WC<br>CERIUM 2%  | E3®              | WR2<br>RARE EARTHS 2% | LYMOX LUX®<br>W + RARE EARTHS 4% | WP<br>PUR        |
|-----------------------|---------------------|------------------|------------------|-----------------------|----------------------------------|------------------|
| Gold                  | Blue                | Grey             | Lila             | Turquoise             | Fuchsia/Grey                     | Green            |
| Quality ★★★           | Quality ★★★         | Quality ★★★      | Quality ★★       | Quality ★             | Quality ★★★                      | Quality ★★       |
| Economic 🍃            | Economic 🍃🍃         | Economic 🍃🍃      | Economic 🍃🍃🍃     | Economic 🍃            | Economic 🍃🍃🍃                     | Economic 🍃       |
| Fe/CrNi █ █ █ █       | Fe/CrNi █ █ █ █     | Fe/CrNi █ █ █ █  | Fe/CrNi █ █ █ █  | Fe/CrNi █ █           | Fe/CrNi █ █ █ █                  | Fe/CrNi █ █ █ █  |
| Al █ █ █ █            | Al █ █ █ █          | Al █ █ █ █       | Al █ █ █ █       | Al █ █ █ █            | Al █ █ █ █                       | Al █ █ █ █       |
| ~ █ █ █ █             | ~ █ █ █ █           | ~ █ █ █ █        | ~ █ █ █ █        | ~ █ █ █ █             | ~ █ █ █ █                        | ~ █ █ █ █        |
| Ø 1.6 x10 045330      | Ø 1.6 x10 037137    | Ø 1.6 x10 063174 | Ø 1.6 x10 046733 | Ø 1.6 x10 044586      | Ø 1.6 x10 072428                 | Ø 1.6 x10 044555 |
| Ø 2.0 x10 045347      | Ø 2.0 x10 037120    | Ø 2.4 x10 063181 | Ø 2.0 x10 046764 | Ø 2.0 x10 044593      | Ø 2.0 x10 072435                 | Ø 2.0 x10 046719 |
| Ø 2.4 x10 045354      | Ø 2.4 x10 037144    | Ø 3.2 x10 063198 | Ø 2.4 x10 046771 | Ø 2.4 x10 044609      | Ø 2.4 x10 072442                 | Ø 2.4 x10 044579 |
| Ø 3.2 x10 045361      | Ø 3.0 x10 037151    |                  | Ø 3.2 x10 046788 | Ø 3.2 x10 044616      | Ø 3.2 x10 072459                 | Ø 3.2 x10 046726 |
|                       | Ø 3.2 x10 037168    |                  | Ø 4.0 x10 046795 |                       |                                  |                  |
|                       | Ø 4.0 x10 037175    |                  | Ø 4.8 x10 063167 |                       |                                  |                  |

### AC

## WAG 40 / AFFUTEUR ÉLECTRODES TUNGSTÈNE - Tungsten electrode grinder - Wolframelektroden-Anschleifgerät

with accessories :  
045415



INCLUDED

Adaptateurs électrode  
- Electrode adaptor  
- Spannzange Ø 1.6 - Ø 2.4 - Ø 3.2 mm

Filtre poussière - Dust filter -  
Filterkassette  
045422

Disque diamanté Ø 40 / Diamond  
blade cutting disc Ø 40 /  
Diamantschleifscheibe Ø 40  
045439

Adaptateurs électrode - Electrode adaptors  
- Spannzange

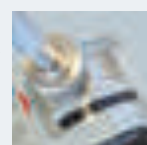
Ø 1 045446  
Ø 2 045453  
Ø 4 045460

1~ 230V

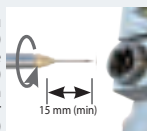
Filtre  
à particules  
de meulage intégré  
- Integrated and  
exchangeable filter  
- Integrierte Absaugung  
mit auswechselbarer  
Filterkassette



Réglage angulaire continu :  
15 > 180°  
- Continuous angular  
adjustment : 15 > 180°  
- Stufenlose Einstellung  
des Anschleifwinkels zwischen  
15 > 180°



Ajustement précis du  
«Stick out» (0.3mm)  
- Precise adjustment of the  
«Stick out» (0.3mm)  
- Tiefenlehre zum  
Einstellen der  
Elektrodenlänge (0.3mm)



BEST FROM  
GERMANY



## CONNEXIONS TORCHE - TORCH Connections

DIN (5pts) x1  
045729



Amphenol  
(7 pts, male) x1  
046238



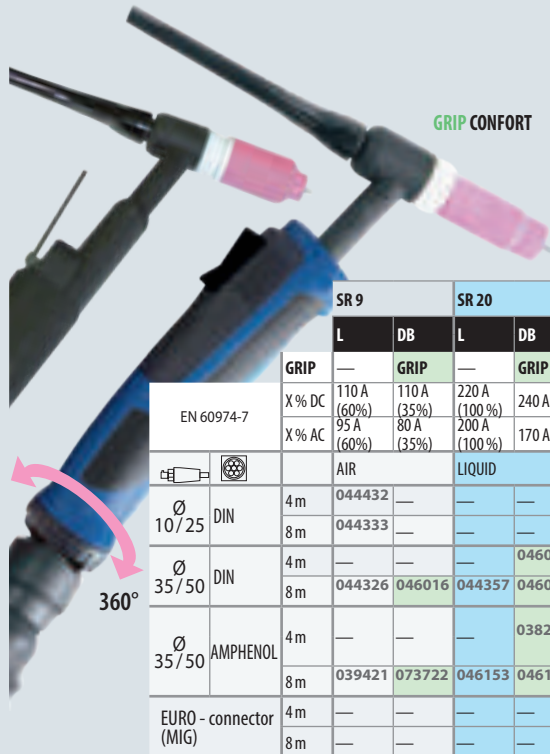
Amphenol  
(7 pts, female) x1  
064379



ADAPTATEUR/ADAPTOR  
Femelle/Female > Mâle/Male  
DIN 5 pts > Amphenol 7 pts (x1)  
038486  
Amphenol 7 pts > DIN 5 pts (x1)  
038493

GAZ - GAS Ø 5 mm  
x2  
045705





— = original equipment

|                     |           |          | SR 9 | SR 17 | SR 26 | SR 20 | SR 18 | 260 W | 450 W |
|---------------------|-----------|----------|------|-------|-------|-------|-------|-------|-------|
|                     |           |          | L    | DB    | L     | DB    | L     | DB    | P     |
| PROTIG 161 DC       | Ø 35 / 50 | AMPHENOL |      |       |       |       |       |       |       |
| PROTIG 201 DC FV    | Ø 35 / 50 | AMPHENOL |      |       | L     | DB    | P     |       |       |
| TIG 300 DC          | Ø 35 / 50 | AMPHENOL |      |       | L     | DB    | P     | L     | DB    |
| TITAN 400 DC        | Ø 35 / 50 | AMPHENOL |      |       |       |       |       | L     | DB    |
| PROTIG 201 AC/DC FV | Ø 35 / 50 | AMPHENOL |      |       | L     | DB    | P     |       |       |
| PROTIG 201 AC/DC    | Ø 35 / 50 | AMPHENOL |      |       | L     | DB    | P     | L     | DB    |
| TIG 250 AC/DC       | Ø 35 / 50 | AMPHENOL |      |       |       |       |       | L     | DB    |
| TITANIUM 400 AC/DC  | Ø 35 / 50 | AMPHENOL |      |       |       |       |       | L     | DB    |
| EXATIG              | Ø 35 / 50 | AMPHENOL |      |       | L     | DB    | P     |       |       |

|                        | GRIP   | SR 9        |             | SR 20        |              |             | SR 17  |        |        |          | SR 18       |              | SR 26        |             |             | 260 W        |              | 450 W |    |
|------------------------|--------|-------------|-------------|--------------|--------------|-------------|--------|--------|--------|----------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|-------|----|
|                        |        | L           | DB          | L            | DB           | P           | V      | BASIC  | L      | STANDARD | DB          | L            | DB           | L           | DB          | P            | L            | L     | DB |
| EN 60974-7             | X % DC | 110 A (60%) | 110 A (35%) | 220 A (100%) | 240 A (100%) | 140 A (60%) |        |        |        |          | 140 A (35%) | 320 A (100%) | 320 A (100%) | 240 A (60%) | 180 A (35%) | 240 A (100%) | 400 A (100%) |       |    |
|                        | X % AC | 95 A (60%)  | 80 A (35%)  | 200 A (100%) | 170 A (100%) | 125 A (60%) |        |        |        |          | 100 A (35%) | 240 A (100%) | 230 A (100%) | 200 A (60%) | 130 A (35%) | 170 A (100%) | 280 A (100%) |       |    |
|                        |        | AIR         |             | LIQUID       |              |             | AIR    |        |        |          | LIQUID      |              | AIR          |             |             | LIQUID       |              |       |    |
| Ø 10/25 DIN            | 4m     | 044432      | —           | —            | —            | 044425      | —      | —      | —      | 046009   | —           | —            | —            | —           | —           | —            | —            | —     | —  |
|                        | 8m     | 044333      | —           | —            | —            | —           | —      | —      | —      | —        | —           | —            | —            | —           | —           | —            | —            | —     | —  |
| Ø 35/50 DIN            | 4m     | —           | —           | —            | 046061       | —           | 044401 | 044449 | 061583 | 046030   | —           | —            | 044463       | 046054      | 046115      | —            | —            | —     | —  |
|                        | 8m     | 044326      | 046016      | 044357       | 046023       | 046139      | —      | 044340 | 061590 | 046047   | —           | —            | 044371       | 046078      | 046122      | —            | —            | —     | —  |
| Ø 35/50 AMPHENOL       | 4m     | —           | —           | —            | 038202       | —           | —      | —      | 073739 | 069398   | —           | 046085       | 073753       | 038271      | —           | 039346       | —            | —     | —  |
|                        | 8m     | 039421      | 073722      | 046153       | 046146       | 047860      | —      | —      | 073746 | 072213   | —           | —            | —            | 072220      | —           | —            | —            | —     | —  |
| EURO - connector (MIG) | 4m     | —           | —           | —            | —            | —           | —      | —      | —      | 046108   | —           | —            | —            | —           | —           | —            | —            | —     | —  |
|                        | 8m     | —           | —           | —            | —            | —           | —      | —      | —      | —        | —           | —            | —            | 063747      | —           | —            | —            | —     | —  |

Included with torches

|   | SR 9   | SR 20                                      | SR 17 - SR 18 - SR 26                      | 260 W                                      |
|---|--|--|--|--|
| DC 044654   | DC 044654  | AC/DC 044685                               | AC/DC 044678                               | AC/DC 039414                               |
| Back cap (short+long)                             | Back cap (short+long)                            | Back cap (short+long)                      | Back cap (short+long)                      | Back cap (short+long)                      |
| Tungsten electrode Ø 1.6 + collet Ø 2.4 + collets | Tungsten electrode Ø 1.6 + collet Ø 1.6 + collet | Tungsten electrode Ø 1.6 & Ø 2.4 + collets | Tungsten electrode Ø 1.6 & Ø 2.4 + collets | Tungsten electrode Ø 1.6 & Ø 2.4 + collets |
| Gas nozzle N4 - N6                                | Gas nozzle N4                                    | Gas nozzle N4 - N6                         | Gas nozzle N5 - N7                         | Gas nozzle N2 - N3                         |

\* Inclus (à l'unité) dans le coffret. Included in the box (1 of each).

STANDARD

|   | SR 9 - SR 20   | SR 17 - SR 18 - SR 26 | 260 W         | 450 W         |
|---|----------------|-----------------------|---------------|---------------|
| N 2 - Ø 8.0                                       |                |                       | * (x5) 039438 | —             |
| N 3 - Ø 10  |                |                       | * (x5) 039391 | (x5) 037427   |
| N 4 - Ø 6.5                                       | * (x3) 044876  | (x3) 038394           | —             | —             |
| N 5 - Ø 8.0                                       | (x3) 038356    | * (x3) 045026         | —             | —             |
| N 6 - Ø 9.5                                       | * (x3) 044883  | (x3) 038400           | —             | —             |
| N 7 - Ø 11  | (x3) 038363    | * (x3) 045033         | —             | —             |
| N 8 - Ø 12.5                                      | (x3) 045170    | (x3) 045286           | —             | —             |
| Ø 13  | —              | —                     | —             | (x5) 037434   |
| Ø 15  | —              | —                     | —             | (x5) 037441   |
| N 10 - Ø 16                                       | (x3) 038370    | (x3) 045293           | —             | —             |
| N 12 - Ø 19                                       | —              | (x3) 045309           | —             | —             |
| Ø 1.6   | * (x3) 044838  | * (x3) 044968         | —             | —             |
| Ø 2.0   | (x3) 045149    | (x3) 044975           | —             | —             |
| Ø 2.4   | * (x3) 044845  | * (x3) 044975         | —             | —             |
| Ø 3.2   | (x3) 045248    | (x3) 045118           | —             | —             |
| Ø 4   | —              | (x3) 047648           | —             | —             |
| Bague isolante standard - Insulating ring adaptor | (x1) 044890    | (x1) 045040           | —             | —             |
| Pince étiau - Collet                              | Ø 1.6          | * (x3) 044852         | * (x3) 044982 | * (x3) 039360 |
|   | Ø 2.0          | (x3) 045132           | (x3) 044999   | (x3) 039377   |
|   | Ø 2.4          | * (x3) 044869         | * (x3) 045019 | * (x3) 039384 |
|   | Ø 3.2          | (x3) 045255           | (x3) 045125   | —             |
|   | Ø 4            | —                     | (x3) 047655   | —             |
|   | Ø 4.8          | —                     | —             | —             |
| Coiffe - Back cap                                 | Longue - Long  | * (x1) 044821         | * (x1) 044951 | * (x1) 044746 |
|   | Courte - Short | * (x1) 044814         | * (x1) 044944 | * (x1) 039407 |

PRO

|  | SR 9 - SR 20 | SR 17 - SR 18 - SR 26 | 260 W       | 450 W |
|--|--------------|-----------------------|-------------|-------|
| Buse diffuseur - Gas nozzle ceramic for gas lens     | N4 - Ø 6.5   | (x3) 044920           | —           | —     |
|  | N5 - Ø 8.0   | —                     | (x3) 045071 | —     |
|  | N6 - Ø 9.5   | (x3) 044937           | —           | —     |
|  | N7 - Ø 11    | (x3) 045262           | (x3) 045088 | —     |
| Support collet diffuseur - Nozzle body with gas lens | Ø 1.6        | (x2) 044906           | (x2) 045057 | —     |
|  | Ø 2.0        | (x2) 045156           | (x2) 045064 | —     |
|  | Ø 2.4        | (x2) 044913           | (x2) 045064 | —     |
|  | Ø 3.2        | (x2) 045279           | —           | —     |
| Bague isolante diffuseur - Insulating ring adaptor   | —            | (x1) 045095           | —           | —     |
| Bague isolante standard - Insulating ring            | —            | (x1) 045040           | —           | —     |



V  
À valve  
- With valve  
- Mit Drehventil  
- Con valvula  
- Com valvula



L  
Gâchette à lamelle  
- With trigger  
- Lamellentaster  
- Con pulsador  
- Com segurança



DB  
Double bouton  
- Double button  
- Doppeldrucktaster  
- Doble botón  
- Duplo Botão



P  
Double bouton et potentiomètre  
- Double button with potentiometer  
- Doppeldrucktaster mit Potentiometer  
- Doble botón con potenciómetro  
- Duplo Botão com potenciómetro







# 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~

**2 in 1**

**MIG/NO GAS 160A**

**SIMPLE TO USE**

Fe 0,6 0,8 1,0 0,8 1,0 0,9 1,2

A min A max B min B max

0,5 A min

Fe A B min max

PATENTS REGISTERED NUMBERS 002279893  
EUROPEAN TRADEMARK & DESIGN



230 V • 1~

### SMARTMIG 110

**110 A** ⚡ ⌀ 100

NO GAS



### SMARTMIG 142

**140 A** ⚡ ⌀ 100/200

GAS NO GAS



### SMARTMIG 152

**140 A** ⚡ ⌀ 100/200

GAS NO GAS



### NO GAS



Kit soudage NO GAZ  
- No Gas Welding Kit  
- Schweißset Fülldraht

Ø 0.9 1.0 / 1.2

041240



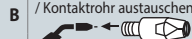
### NO GAS

Fil fourré / Flux cored wire / Fülldrahtelektrode

### INFO

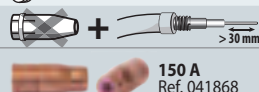
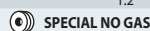
**A** Inverser les polarités / Reverse polarities / Polarität wechseln

Changer le tube contact / Change the contact tip / Kontaktrohr austauschen

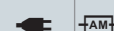


**C** Changer le galet / Change the roller / DV-Rolle austauschen

**D** 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



MADE IN GYS CHINA



50 / 60 Hz



**SMARTMIG 110**

230 V 1~

13

**SMARTMIG 142**

230 V 1~

13

**SMARTMIG 152**

230 V 1~

13

**SMARTMIG 162**

230 V 1~

16

**SMARTMIG 182**

230 V 1~

16

**SMARTMIG 183**

400 V 3~

10



400 V • 3~

SMARTMIG 162

160 A ⌀ 100/200

GAS NO GAS

160 A on 13 A fuse



2 m 1.65 m, 16 mm<sup>2</sup>

033160

034297

SMARTMIG 182

180 A ⌀ 200/300

GAS NO GAS

3 m 3 m, 16 mm<sup>2</sup>

033184

SMARTMIG 183

200 A ⌀ 200/300

GAS NO GAS

3 m 3 m, 16 mm<sup>2</sup>

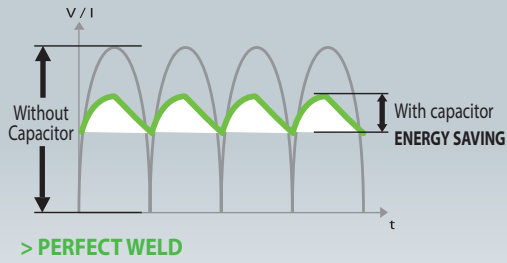
033412

| EURO | min → max | Reg | EN60974-1 (40°C) |                         | U <sub>0</sub> (V) | Electronic Control | Wire diam.  |             |              | Wire diam. ⌀ mm |           | Equipement d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica | TYPE     | cm  | kg               | Protected & compatible power generator (+/-15%) |        |
|------|-----------|-----|------------------|-------------------------|--------------------|--------------------|-------------|-------------|--------------|-----------------|-----------|--|----------|-----|------------------|---|--------|
|      |           |     | IA (60%)         | X% (I <sub>2</sub> max) |                    |                    | 100 mm 1 kg | 200 mm 5 kg | 300 mm 15 kg | GAS             | NO GAS    |  |          |     |                  |   |        |
| —    | 40 → 110  | 2   | —                | 85A @ 6%                | 25.5 → 30          | ☉                  | ■           | —           | —            | —               | 0.6 → 0.9 | 0.9  | D-044081 | 0.9 | 40 × 39 × 19     | 13.5  | 3 kW   |
| —    | 40 → 140  | 4   | 60               | 90A @ 20%               | 28 → 39            | ☉                  | ■           | ■           | —            | 0.6 → 0.8       | 0.6 → 0.9 | 0.6 / 0.8  | A-042339 | 0.8 | 50 × 44 × 25     | 22.5  | 3.5 kW |
| ■    | 40 → 140  | 4   | 60               | 90A @ 20%               | 28 → 39            | ☉                  | ■           | ■           | —            | 0.6 → 0.8       | 0.6 → 0.9 | 0.6 / 0.8  | A-042339 | 0.8 | 48 × 45 × 25,5   | 23  | 3.5 kW |
| ■    | 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 | 55,5 × 46 × 25,5 | 28  | 5 kW   |
| ■    | 35 → 180  | 4   | 80               | 140A @ 15%              | 28 → 45            | ☉                  | —           | ■           | ■            | 0.6 → 1.0       | 0.9 → 1.2 | 0.6 / 0.8  | A-042339 | 0.8 | 79 × 77 × 47     | 47  | 6 kW   |
| ■    | 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 | 79 × 77 × 47     | 53  | 6.5 kW |



# MIG/MAG TRADITIONAL SYNERGIC

Capacitor TRADITIONAL SYNERGIC MIG/MAG  
CAPACITOR

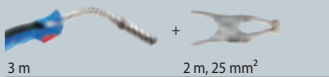


230 V • 1~

### MONOGYS 200-4 CS

200 A ⌀ 200/300

GAS Capacitor

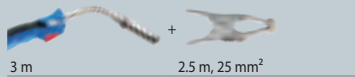


065949

### MONOGYS 250-4 CS

250 A ⌀ 200/300

GAS Capacitor



020368

### MONOGYS 320-4 CS

320 A ⌀ 200/300

GAS NO GAS Capacitor



065079

Delivered in x3

no accessories :  
063020

| DESIGN GYS FRANCE      |  |                     |   |      |                 | <br>min → max |
|------------------------|--|---------------------|---|------|-----------------|---------------|
|                        |  | 50/60 Hz            | ↔ | Norm | Intensive       |               |
| MADE IN GYS CHINA      | <b>MONOGYS 200-4 CS</b><br><b>MONOGYS 250-4 CS</b> | 230 V 1~            | — | 2 m  | 16 25           | 25 → 200      |
|                        |  | 240 V 1~            | — | 2 m  | 25 40           | 40 → 250      |
| MADE IN FRANCE         | <b>MONOGYS 320-4 CS</b>                            | 240 V 1~            | — | 3 m  | 32 50           | 30 → 320      |
| MADE IN FRANCE & CHINA | <b>TRIMIG 200-4S</b>                               | 400 V 3~            | ▪ | 3 m  | 10 10           | 30 → 200      |
| MADE IN GYS CHINA      | <b>TRIMIG 250-4S DV</b>                            | 400 V 3~ / 230 V 3~ | ▪ | 5 m  | 10 / 16 16 / 25 | 35 → 250      |
| MADE IN FRANCE         | <b>TRIMIG 300-4S</b>                               | 400 V 3~            | ▪ | 5 m  | 16 20           | 35 → 300      |



**SYNERGIC • EASY TO USE**

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

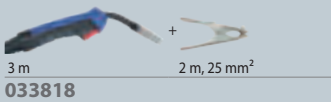


**400 V • 3~**

**TRIMIG 200-4S**

**200 A** Ø 200/300

**GAS**

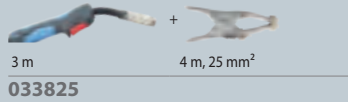


033818

**TRIMIG 250-4S DV**

**250 A** Ø 200/300

**GAS**

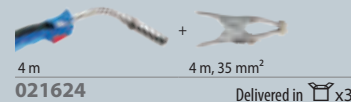


033825

**TRIMIG 300-4S**

**300 A** Ø 200/300

**GAS NO GAS**



021624

Delivered in x3

no accessories:  
033832

| Reg | EN60974-1 (40°C) |                         | U <sub>0</sub> (V) | Electronic Control | m/min | 200 mm 5 kg |        | 300 mm 15 kg |         | Capacitor Inside |         | mm       | TYPE   | cm           | kg    | Protected & compatible power generator (+/-15%) |
|-----|------------------|-------------------------|--------------------|--------------------|-------|-------------|--------|--------------|---------|------------------|---------|----------|--------|--------------|-------|---|
|     | IA (60%)         | X% (I <sub>2</sub> max) |                    |                    |       | GAS         | NO GAS | mm           | mm      | mm               | mm      |          |        |              |       |   |
| 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  |
| 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  |
| 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   |
| 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  |
| 10  | 180              | 250 A @ 30%             | 17+37              |                    | 20    | ■           | ■      | 0.6+1.2      | —       | —                | 0.8/1.0 | B 042360 | 1.0 mm | 95 × 93 × 50 | 91.5  | 9 kW  |
| 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

# MIG/MAG TRADITIONAL SYNERGIC



Youtube

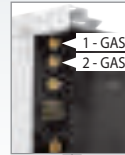
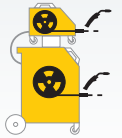
ACCESSORIES BOX



U  
I  
m/min



2 TORCHES



35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm



COMPACT

## 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

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



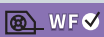
MADE IN FRANCE

PROMIG 400-4S

PROMIG 400-4S DUO.DV

PROMIG 400 G.DV

TF-4RN

**WIRE FEEDER COMPATIBILITY**
**TF-4RN**  
**AIR**  
**061699**

35/50 mm<sup>2</sup>  
Ø 13 mm
**GENERATOR****PROMIG 400 G.DV**

230 / 400 V • 3~

**350 A**
no accessories :  
**035904**
**COMPLETE PACKS****PROMIG 400-4S**

|                                       |   |                                |                                  |                                  |                              |                              |
|---------------------------------------|---|--------------------------------|----------------------------------|----------------------------------|------------------------------|------------------------------|
| <b>pack PROMIG 400-4S 1</b><br>035928 | — | Ø1/1.2<br>(original equipment) | 4m, 50 mm <sup>2</sup><br>047853 | —                                | 350 A, 4<br>m, air<br>040946 | —                            |
| <b>pack PROMIG 400-4S 2</b><br>035935 | — | Ø1/1.2<br>(original equipment) | Alu, Ø1/1.2<br>(x2)<br>040915    | 4m, 50 mm <sup>2</sup><br>047853 | —                            | 350 A, 3<br>m, air<br>040731 |

**PROMIG 400-G.DV**

|   |                  |                                |                                  |  |  |   |
|---|------------------|--------------------------------|----------------------------------|--|--|---|
| <b>pack PROMIG 400-G.DV 1</b><br>035942 | TF-4RN<br>061699 | Ø1/1.2<br>(original equipment) | 4m, 50 mm <sup>2</sup><br>047853 | 10 m, air,<br>ø 70 mm <sup>2</sup><br>034860 | 350 A, 4<br>m, air<br>040946                 | — |
| <b>pack PROMIG 400-G.DV 3</b><br>036109 | TF-4RN<br>061699 | Ø1/1.2<br>(original equipment) | 4m, 50 mm <sup>2</sup><br>047853 | 5 m, air,<br>ø 70 mm <sup>2</sup><br>034839  | 350 A, 4<br>m, air<br>040946                 | — |
| <b>pack PROMIG 400-G.DV 2</b><br>035959 | TF-4RN<br>061699 | Ø1/1.2<br>(original equipment) | Alu, Ø1/1.2<br>(x2)<br>040915    | 4m, 50 mm <sup>2</sup><br>047853             | 10 m, air,<br>ø 70 mm <sup>2</sup><br>034860 | — |
| <b>pack PROMIG 400 G.DV 4</b><br>036116 | TF-4RN<br>061699 | Ø1/1.2<br>(original equipment) | Alu, Ø1/1.2<br>(x2)<br>040915    | 4m, 50 mm <sup>2</sup><br>047853             | 5 m, air,<br>ø 70 mm <sup>2</sup><br>034839  | — |

**PROMIG 400-4S DUO DV**

|  |                  |                                |                               |                                  |  |                              |                              |
|--|------------------|--------------------------------|-------------------------------|----------------------------------|--|------------------------------|------------------------------|
| <b>pack PROMIG 400-4S DUO DV 3</b><br>035980 | TF-4RN<br>061699 | Ø1/1.2<br>(original equipment) | Alu, Ø1/1.2<br>(x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | 10 m, air,<br>ø 70 mm <sup>2</sup><br>034860 | 350 A, 4<br>m, air<br>040946 | 350 A, 3<br>m, air<br>040731 |
| <b>pack PROMIG 400-4S DUO DV 4</b><br>035123 | TF-4RN<br>061699 | Ø1/1.2<br>(original equipment) | Alu, Ø1/1.2<br>(x2)<br>040915 | 4m, 50 mm <sup>2</sup><br>047853 | 5 m, air,<br>ø 70 mm <sup>2</sup><br>034839  | 350 A, 4<br>m, air<br>040946 | 350 A, 3<br>m, air<br>040731 |

| 50/60 Hz      | I <sub>AM</sub>        |                        | min → max | Reg | EN60974-1 (40°C) |             |       | U <sub>0</sub> (V) | Electronic Control | m/min | 200 mm 5 kg |        | 300 mm 15 kg |           | Ø mm      |          | Equipment d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica |         | Cooling system | cm / kg      | kg   | Protected & compatible power generator (+/-15%) |
|---------------|------------------------|------------------------|-----------|-----|------------------|-------------|-------|--------------------|--------------------|-------|-------------|--------|--------------|-----------|-----------|----------|---|---------|----------------|--------------|------|---|
|               | Norm                   | Intensive              |           |     | IA (60%)         | X% (I2 max) | 100%  |                    |                    |       | GAS         | NO GAS | mm           | TYPE      |           |          |   |         |                |              |      |   |
| 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   |
| 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 | ■   | + TF4RN | Air            | 95 × 90 × 40 | 113  | 20 kW   |
|               |                        |                        |           |     |                  |             |       |                    | —                  |       |             |        | —            | —         | —         | —        | + TF4RN   | 109     |                |              |      |   |
| —             | —                      | —                      | —         | —   | —                | —           | —     | —                  |                    | 20    | ■           | ■      | 0.6 → 1.6    | 0.9 → 1.6 | 1.0 / 1.2 | B-046849 | —   | ■       | Air            | 61 × 48 × 25 | 15.5 | 20 kW   |



MAGYS

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

µC

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°

SHOCK RESISTANT

EASY CLEANING



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



70/95 mm<sup>2</sup> Ø 13 mm



COMPACT

MAGYS 400-4

350 A

Ø 200/300



AIR

no accessories : 032170

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  
LIQUID COOLED  
1.6 m 70 mm<sup>2</sup> 033696  
5 m 70 mm<sup>2</sup> 033641  
10 m 70 mm<sup>2</sup> 033658  
10 m 95 mm<sup>2</sup> 034877  
15 m 95 mm<sup>2</sup> 034884

GOUGING

Gougeage - Gouging - Fugenhobeln



Ø 8 mm max 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 - 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

046191



Cable support (x4)

046535







WIRE FEEDER COMPATIBILITY



∅ 200/300 -

WS-4R  
AIR

034723

WS-4L  
LIQUID

033573

OPTIONS WS-4R/4L



Skate  
040977



Wirefeeder support  
details p. 71  
036277



SMALL SIZE

∅ 200 -

W5S-4L

AIR LIQUID

032835



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

70/95 mm<sup>2</sup>  
∅ 13 mm



GENERATOR

MAGYS 500 WS

450 A

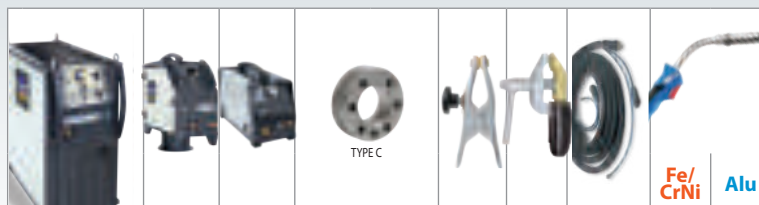
LIQUID



GOUGING

no accessories :  
032200

COMPLETE PACKS



MAGYS 400-4

| pack MAGYS | WS-4R | WS-4L | ∅                           | Alu                     | 4m                            | 10m | 500 A                  |
|------------|-------|-------|-----------------------------|-------------------------|-------------------------------|-----|------------------------|
| 400-4 1    | —     | —     | ∅1/1.2 (original equipment) | —                       | 4m, 50 mm <sup>2</sup> 047853 | —   | 350 A, 4 m, air 040946 |
| 400-4 2    | —     | —     | ∅1/1.2 (original equipment) | Alu, ∅1/1.2 (x2) 042162 | 4m, 50 mm <sup>2</sup> 047853 | —   | 350 A, 3 m, air 040731 |

MAGYS 500 WS

| pack MAGYS | WS-4R | WS-4L | ∅                           | Alu                     | 4m                            | 10m                                      | 500 A                     |
|------------|-------|-------|-----------------------------|-------------------------|-------------------------------|--|---------------------------|
| 500 WS 1   | —     | —     | ∅1/1.2 (original equipment) | —                       | 4m, 70 mm <sup>2</sup> 043831 | 10m, liquid, ∅ 70 mm <sup>2</sup> 033658 | 500 A, 4 m, liquid 041004 |
| 500 WS 4   | —     | —     | ∅1/1.2 (original equipment) | —                       | 4m, 70 mm <sup>2</sup> 043831 | 5m, liquid, ∅ 70 mm <sup>2</sup> 033641  | 500 A, 4 m, liquid 041004 |
| 500 WS 2   | —     | —     | ∅1/1.2 (original equipment) | Alu, ∅1/1.2 (x2) 042162 | 4m, 70 mm <sup>2</sup> 043831 | 10m, liquid, ∅ 70 mm <sup>2</sup> 033658 | 500 A, 3 m, liquid 046160 |
| 500 WS 3   | —     | —     | ∅0.8/1 (original equipment) | —                       | 4m, 70 mm <sup>2</sup> 043831 | 10m, liquid, ∅ 70 mm <sup>2</sup> 033658 | 500 A, 4 m, liquid 041004 |

Cooling liquid (not included)

5L 062511

10L 052246



| CE NORMA<br>EN60974-1 | MADE IN FRANCE | 50/60 Hz |           | +AM+ |          | EN60974-1 (40°C) | U <sub>0</sub> (V) | Electronic Control | m/min | 200 mm     |             | ∅ mm |     | Equipement d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica |           | Cooling system | cm | kg     | Protected & compatible power generator (+/-15%) |                |               |       |       |
|-----------------------|----------------|----------|-----------|------|----------|------------------|--------------------|--------------------|-------|------------|-------------|------|-----|--|-----------|----------------|----|--------|---|----------------|---------------|-------|-------|
|                       |                | Norm     | Intensive | A    | Reg      |                  |                    |                    |       | I(A) (60%) | X% (I2 max) | 100% | GAS | NO GAS   | TYPE      |                |    |        |   |                |               |       |       |
| MAGYS 400-4           |                | 400V 3~  | 20        | 25   | 40 → 350 | 20               | 320                | 350 A @ 50%        | 260 A | 17-43      | 24          | ■    | ■   | 0.6 + 1.6  | 0.9 + 1.6 | 1.0 / 1.2 mm   | C  | 042117 | Air   | 46 × 93 × 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 W5S-4L                               | Liquid         | 48 × 93 × 110 | 157   | 30 kW |
| WS-4R                 |                | —        | —         | —    | —        | —                | —                  | —                  | —     | —          | 24          | ■    | ■   | 0.6 + 1.6  | 0.9 + 2.4 | 1.0 / 1.2 mm   | C  | 042117 | Air   | 68 × 56 × 35.5 | 22            | —     |       |
| WS-4L                 |                | —        | —         | —    | —        | —                | —                  | —                  | —     | —          | 20          | ■    | —   | 0.6 + 1.6  | 0.9 + 1.6 | 0.8 / 1.0 mm   | B  | 042360 | Air + Liquid                                    | 32 × 49 × 23   | 12            | —     |       |



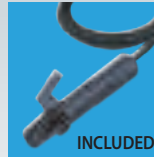


EASYMIG

# MIG/MAG INVERTER 230 V • 1~

3  
in 1

GAS  
NO GAS  
MMA



INCLUDED



Youtube

NEW



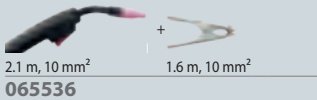
EASYMIG 85

**85 A**  $\updownarrow$   $\varnothing$  100

NO GAS



+ 1 kg flux-cored



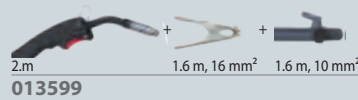
2.1 m, 10 mm<sup>2</sup> + 1.6 m, 10 mm<sup>2</sup>

065536

EASYMIG 110

**100 A**  $\updownarrow$   $\varnothing$  100

GAS NO GAS MMA



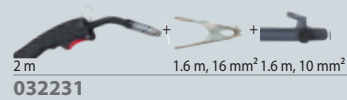
2 m 1.6 m, 16 mm<sup>2</sup> 1.6 m, 10 mm<sup>2</sup>

013599

EASYMIG 130

**120 A**  $\updownarrow$   $\varnothing$  100

GAS NO GAS MMA



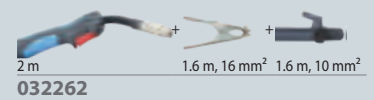
2 m 1.6 m, 16 mm<sup>2</sup> 1.6 m, 10 mm<sup>2</sup>

032231  
031869

EASYMIG 140

**140 A**  $\updownarrow$   $\varnothing$  100

GAS NO GAS MMA



2 m 1.6 m, 16 mm<sup>2</sup> 1.6 m, 10 mm<sup>2</sup>

032262  
031876

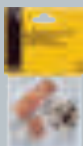
OPTIONS

KIT SOUDAGE NO GAZ  $\varnothing$  0.9  
- No Gas Welding Kit  $\varnothing$  0.9  
- Schweißset Fülldraht

NO GAS

041240 150 A type A

more  
p.71



Isolated Nozzle (x1)  
M6 -  $\varnothing$  0.9/1.0 (x3)  
Type A  
 $\varnothing$  0.9-1.0/1.2 (x1)

| CE<br>NORM.<br>EN60974-1 | MADE IN<br>GYS CHINA |    |   |   | I <sub>2</sub> MMA | I <sub>2</sub> MIG | MIG                 |                            | MMA                 |                            |
|--------------------------|----------------------|----|---|---|--------------------|--------------------|---------------------|----------------------------|---------------------|----------------------------|
|                          |                      |    |   |   |                    |                    | EN60974-1<br>(40°C) |                            | EN60974-1<br>(40°C) |                            |
|                          |                      |    |   |   |                    |                    | IA<br>(60%)         | X%<br>(I <sub>2</sub> max) | IA<br>(60%)         | X%<br>(I <sub>2</sub> max) |
| EASYMIG 85               | 230V 1~              | 16 | — | — | 30 → 85            | 50                 | 85 A @ 20%          | —                          | —                   |                            |
| EASYMIG 110              | 230V 1~              | 16 | — | — | 20 → 80            | 30 → 100           | 60                  | 100 A @ 30%                | 50                  | 80 A @ 30%                 |
| EASYMIG 130              | 230V 1~              | 16 | — | — | 20 → 100           | 30 → 120           | 70                  | 120 A @ 20%                | 60                  | 100 A @ 20%                |
| EASYMIG 140              | 230V 1~              | 16 | ■ | — | 20 → 120           | 30 → 140           | 80                  | 140 A @ 15%                | 70                  | 120 A @ 15%                |
| EASYMIG 150              | 230V 1~              | 16 | ■ | — | 20 → 120           | 30 → 140           | 80                  | 140 A @ 15%                | 70                  | 120 A @ 15%                |
| EASYMIG 160              | 230V 1~              | 16 | ■ | — | 20 → 140           | 30 → 160           | 95                  | 160 A @ 20%                | 90                  | 140 A @ 20%                |
| EASYMIG 160 XL           | 230V 1~              | 16 | ■ | — | 20 → 140           | 30 → 160           | 95                  | 160 A @ 20%                | 90                  | 140 A @ 20%                |
| EASYMIG 180-4 XL         | 230V 1~              | 16 | ■ | — | 20 → 150           | 30 → 180           | 110                 | 180 A @ 20%                | 100                 | 150 A @ 20%                |



10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

**EASYMIG 150**

**140 A**  $\updownarrow$  Ø 100/200

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

140A on 13A fuse



2 m 1.6 m, 16 mm<sup>2</sup> 1.6 m, 10 mm<sup>2</sup>

032248  
 031883

**EASYMIG 160**

**160 A**  $\updownarrow$  Ø 100/200

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



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

032255

**EASYMIG 160 XL**

**160 A**  $\updownarrow$  Ø 200/300

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

2.5 m 2 m, 16 mm<sup>2</sup> 2 m, 16 mm<sup>2</sup>

013605

**EASYMIG 180-4 XL**

**180 A**  $\updownarrow$  Ø 200/300

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

3 m 2 m, 16 mm<sup>2</sup> 2 m, 16 mm<sup>2</sup>

066571

| U <sub>0</sub> (V) | Electronic Control | 100 mm |      |       | 200 mm    |           |           | Ø mm                          | Equipment d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica | TYPE    | cm           | kg   |
|--------------------|--------------------|--------|------|-------|-----------|-----------|-----------|-------------------------------|---|---------|--------------|------|
|                    |                    | 1 kg   | 5 kg | 15 kg | GAS       | NO GAS    | MMA       |                               |   |         |              |      |
| 30                 |                    | ■      | —    | —     | —         | 0.6 + 0.9 | —         | 0.6 / (no gas) / 0.9 (no gas) | D-068926  | 0.6     | 38 × 24 × 28 | 7.9  |
| 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  |
| 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 |
| 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 |
| 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   |
| 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 |
| 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 |
| 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 |

**MULTIWELD****MIG/MAG**

# INVERTER

**1~/3~****3  
in 1**

- GAS
- NO GAS
- MMA
- Anti Sticking

**INDOOR /  
OUTDOOR  
IP 23**

- Ø 220M-C
- Ø 220M-C
- Ø 220M
- Ø 320T-C



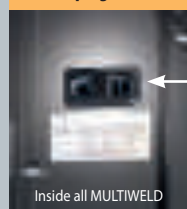
|                     |              | Included accessories |                  | Set*                       | No accessories |        |
|---------------------|--------------|----------------------|------------------|----------------------------|----------------|--------|
|                     |     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

- Base
- Ceramic nozzle (x3)
- M6 - Ø 0.9/1.0 (x3)
- Type B  
Ø 0.9-1.0 / 1.2 (x2)

**CO2 Gas heater and regulator**RH-258,  
G5/8 CN  
063341GH-258,  
G3/4 Russia  
063358GH-258,  
G7/8 UK  
063365MULTIWELD only  
AC36V/150W**36V plug inside**

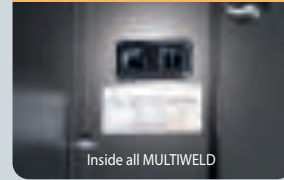
|                            | 50/60 Hz           |                 |   |    |
|----------------------------|--------------------|-----------------|---|----|
|                            |                    | mm <sup>2</sup> | m | A  |
| <b>MULTIWELD 180M-C</b>    | 230V 1~            | 3x 1.5          | 2 | 16 |
| <b>MULTIWELD 200M-C</b>    | 230V 1~            | 3x 2.5          | 2 | 16 |
| <b>MULTIWELD 200M</b>      | 230V 1~            | 3x 2.5          | 2 | 16 |
| <b>MULTIWELD FV 220M-C</b> | 110V 1~<br>230V 1~ | 3x 2.5          | 2 | 16 |
| <b>MULTIWELD FV 220M</b>   | 110V 1~<br>230V 1~ | 3x 2.5          | 2 | 16 |
| <b>MULTIWELD 250T-C</b>    | 400V 3~            | 4x 1.5          | 3 | 16 |
| <b>MULTIWELD 250T</b>      | 400V 3~            | 4x 1.5          | 3 | 16 |
| <b>MULTIWELD 320T-C</b>    | 400V 3~            | 4x 2.5          | 3 | 16 |
| <b>MULTIWELD 320T</b>      | 400V 3~            | 4x 2.5          | 3 | 16 |
| <b>MULTIWELD 400T</b>      | 400V 3~            | 4x 4            | 5 | 32 |

EASY TO USE

MULTIWELD 250T • MULTIWELD 320T • MULTIWELD 400T



36 V plug - for gas pre-heater



45

MULTIWELD

MIG/MAG • INVERTER

**NEW**  
03/2023

• MULTIWELD 400T

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

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

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

• 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



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

COMPACT

WHEELS

| I <sub>2</sub> MMA | I <sub>2</sub> MIG | EN60974-1 (40°C) |             |     |             | U <sub>0</sub> (V) | Electronic Control | Ø mm           |                 | Ø mm      |           | Equipment d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica | TYPE    | wheels   | cm  | kg | Protected & compatible power generator (+/-15%) |    |        |
|--------------------|--------------------|------------------|-------------|-----|-------------|--------------------|--------------------|----------------|-----------------|-----------|-----------|---|---------|----------|-----|----|---|----|--------|
|                    |                    | MIG              |             | MMA |             |                    |                    | GAS            | NO GAS          | Ø mm      | Ø mm      |   |         |          |     |    |   |    |        |
| 80 → 150           | 30 → 180           | 110              | 180 A @ 20% | 100 | 150 A @ 20% | 59                 | ⊗                  | 200 mm<br>5 kg | 300 mm<br>15 kg | 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 |
| 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 |
| 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 |
| 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   |
| 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   |
| 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   |
| 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   |
| 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  |
| 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  |
| 40 → 400           | 40 → 400           | 300              | 400 A @ 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  |



MULTEPEARL

# MIG/MAG INVERTER SYNERGIC

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

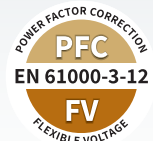
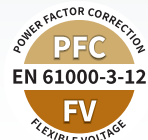


## 1 MIG / MANUAL

Enter your parameters

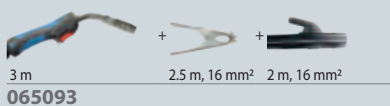


Adjust Spot & Delay



### MULTEPEARL 210-2

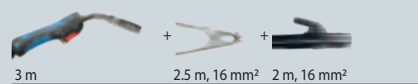
|              |        |           |     |    |    |               |
|--------------|--------|-----------|-----|----|----|---------------|
| <b>200 A</b> |        | ∅ 100/200 |     |    |    |               |
| P400         | PFC    | FV        | SR  | HS | AF | Anti Sticking |
| GAS          | NO GAS | MMA       | TIG |    |    |               |



065093

### MULTEPEARL 210-4 XL

|              |        |           |     |    |    |               |
|--------------|--------|-----------|-----|----|----|---------------|
| <b>200 A</b> |        | ∅ 200/300 |     |    |    |               |
| P400         | PFC    | FV        | SR  | HS | AF | Anti Sticking |
| GAS          | NO GAS | MMA       | TIG |    |    |               |



065109

### OPTIONS

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



TIG torch kit SR17 DB  
4 m  
046108



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

NO GAS

more  
p.71

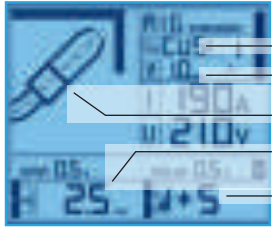
072336

250 A type A

- Base (x1)
- Ceramic nozzle (x3)
- M6 - ∅ 0.9/1.0 (x3)
- Type A ∅ 0.9-1.0 / 1.2 (x1)

**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**

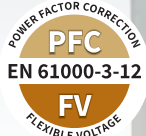


HotStart  
ArcForce  
Electrodes : Ø 1.6 → 5 mm

**4 TIG lift**



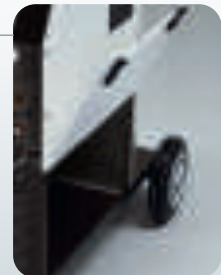
Post Gas  
Downslope  
Thickness : 0.5 → 8 mm



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



10/25 mm<sup>2</sup>  
Ø 9 mm



**MULTIPEARL 211-4**

**200 A** Ø 200/300

|      |        |     |     |    |    |               |
|------|--------|-----|-----|----|----|---------------|
| P400 | PFC    | FV  | SR  | HS | AF | Anti Sticking |
| GAS  | NO GAS | MMA | TIG |    |    |               |

3 m + 2.5 m, 16 mm<sup>2</sup> + 2 m, 16 mm<sup>2</sup>

065116

**PFC POWER FACTOR CORRECTION**

185 V ← 265 V

110 V 230 V

100 m

**FV FLEXIBLE VOLTAGE**

85 V ← 265 V

110 V 230 V

100 m

**SR SECONDARY REGULATION**

I (A) STABLE

**Anti Sticking**

ANTI-STICKING

| MADE IN FRANCE<br>EN60974-1 | 50 / 60 Hz | A  | I <sub>2</sub> MMA | I <sub>2</sub> TIG | min → max | MIG                 |                    |                       |       |                |                |                 |     |           |           | Equipment d'origine<br>Original equipment<br>Originalausstattung<br>Equipamiento de fabrica | cm                 | kg      | Protected & compatible<br>power generator<br>(+/-15%) |      |        |
|-----------------------------|------------|----|--------------------|--------------------|-----------|---------------------|--------------------|-----------------------|-------|----------------|----------------|-----------------|-----|-----------|-----------|---|--------------------|---------|---|------|--------|
|                             |            |    |                    |                    |           | EN60974-1<br>(40°C) | U <sub>0</sub> (V) | Electronic<br>Control | m/min | 100 mm<br>1 kg | 200 mm<br>5 kg | 300 mm<br>15 kg | GAS | NO GAS    | MMA       |   |                    |         |   | TYPE |        |
| <b>Multi PEARL 210-2</b>    | 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<br>1.6 → 5.0  | <b>A</b><br>041189 | 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 → 3.2<br>1.6 → 5.0  | <b>B</b><br>042360 | 0.8/1.0 | 27.5 x 55<br>x 44                                     | 20   | 7.5 kW |
| <b>Multi PEARL 210-4 XL</b> | 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<br>1.6 → 5.0  | <b>B</b><br>042360 | 0.8/1.0 | 27.5 x 55<br>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 → 3.2<br>1.6 → 5.0  | <b>B</b><br>042360 | 0.8/1.0 | 41 x 73 x 77  | 27   | 7.5 kW |
| <b>Multi PEARL 211-4</b>    | 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<br>1.6 → 5.0  | <b>B</b><br>042360 | 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 → 3.2<br>1.6 → 5.0  | <b>B</b><br>042360 | 0.8/1.0 | 41 x 73 x 77  | 27   | 7.5 kW |



KRONOS

MIG/MAG

# INVERTER

DIGITAL

NEW

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



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



JOB list

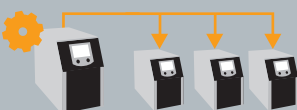


JOB sequence

### CONNECTIVITY

#### ↑↓ PORTABILITY

Share configuration & jobs



#### SOFTWARE UPDATE

Kronos evolutions



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

230V 1~  
5 m

35/50 mm<sup>2</sup>  
Ø 13 mm

230 V • 1~

KRONOS 250M

NEW

230V • 1~

250 A

Ø 200/300



3 m



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

074996

|                           |                    |          |     |           |
|---------------------------|--------------------|----------|-----|-----------|
| <br>CE NORM.<br>EN60974-1 | <br>MADE IN FRANCE |          |     |           |
|                           |                    | 50/60 Hz | ↔   | Norm<br>A |
| <b>KRONOS 250M</b>        |                    | 230V 1~  | 5 m | 16        |
| <b>KRONOS 250T</b>        |                    | 400V 3~  | 5 m | 16        |
| <b>KRONOS 320T</b>        |                    | 400V 3~  | 5 m | 16        |
| <b>KRONOS 400T Duo</b>    |                    | 400V 3~  | 5 m | 32        |
| <b>KRONOS 400T W</b>      |                    | 400V 3~  | 5 m | 32        |





400 V • 3~

**KRONOS 250T** **NEW**

400 V • 3~

**250 A** ⚡ ⌀ 200/300

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

**075016**

**KRONOS 320T** **NEW**

400 V • 3~

**320 A** ⚡ ⌀ 200/300

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

**078734**

no accessories : **075030**

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

400 V • 3~

**400 A** ⚡ ⌀ 200/300

no accessories : **075337**

**KRONOS 400T W** **NEW**

400 V • 3~

**400 A** ⚡ ⌀ 200/300

no accessories : **075511**

| 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 |          | Ø mm    |               | mm     | TYPE         | Cooling system | Protection | cm / kg | kg | Protected & compatible power generator (+/-15%) |     |
|-----------|------------------|----------|-------------|------|--------------------|--------------------|---|-------------|-------------|-----------|--------------|----------|---------|---------------|--------|--------------|----------------|------------|---------|----|---|-----|
|           | A                | IA (60%) | X% (I2 max) | 100% |                    |                    |   |             | GAS         | NO GAS    | mm           | TYPE     | cm / kg | kg            |        |              |                |            |         |    | kW  | kVA |
| 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  |    |   |     |
| 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  |    |   |     |
| 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  |    |   |     |
| 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  |    |   |     |
| 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 • 400 V • 3~

**NEW**

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



**POWER SOURCE • 400 V • 3~**



**DOUBLE • 400 V • 3~**

**KRONOS 400T G**

**NEW**

400 V • 3~

**400 A** Ø 200/300

no accessories :  
075054



**KRONOS 400T GW**

**NEW**

400 V • 3~

**400 A** Ø 200/300

no accessories :  
075061



**KRONOS 400T Duo**

**NEW**

400 V • 3~

**400 A** Ø 200/300

no accessories :  
075337



Faisceaux de liaison - Connection cable - Zwischenschlauchpakete



**AIR COOLED**

|      |                    |        |
|------|--------------------|--------|
| 5 m  | 70 mm <sup>2</sup> | 075443 |
| 10 m | 70 mm <sup>2</sup> | 075450 |
| 10 m | 95 mm <sup>2</sup> | 077553 |

**LIQUID COOLED**

|       |                    |        |
|-------|--------------------|--------|
| 1.8 m | 70 mm <sup>2</sup> | 075467 |
| 5 m   | 70 mm <sup>2</sup> | 075474 |
| 10 m  | 70 mm <sup>2</sup> | 075481 |
| 10 m  | 95 mm <sup>2</sup> | 075504 |



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



**NEW**

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



MADE IN FRANCE

**KRONOS 400T Duo**

**KRONOS 400T G**

**KRONOS 400T GW**

**WF 35**

**WF 50**



MIG WIRE FEEDERS



WF 35

50 W

Smart wire charge ✓

075078



3.5" display



WF 50

100 W

Smart wire charge ✓

Light ✨ ✓

075108



5" display



KRONOS 400T W

|                                       |                          |                          |                                   |                                      |
|---------------------------------------|--------------------------|--------------------------|-----------------------------------|--------------------------------------|
|                                       |                          |                          |                                   |                                      |
|                                       | Fe/CrNi                  | Alu                      |                                   |                                      |
| <b>pack KRONOS 400T W 1</b><br>077744 | 500 A, 4m, air<br>041004 | —                        | 4 m, 50 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment)     |
| <b>pack KRONOS 400T W 2</b><br>077751 | —                        | 500 A, 3m, air<br>046160 | 4 m, 50 mm <sup>2</sup><br>047853 | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 |

KRONOS 400T G

|                                       |                          |                          |                                   |                                      |   |                        |
|---------------------------------------|--------------------------|--------------------------|-----------------------------------|--------------------------------------|---|------------------------|
|                                       |                          |                          |                                   |                                      |   |                        |
|                                       | Fe/CrNi                  | Alu                      |                                   |                                      |   |                        |
| <b>pack KRONOS 400T G 1</b><br>077768 | 350 A, 4m, air<br>063792 | —                        | 4 m, 50 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment)     | 5 m, Ø70 mm <sup>2</sup> , 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 mm <sup>2</sup><br>047853 | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | 5 m, Ø70 mm <sup>2</sup> , 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 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment)     | 10 m, Ø70 mm <sup>2</sup> , 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 mm <sup>2</sup><br>047853 | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | 10 m, Ø70 mm <sup>2</sup> , air<br>075450 | <b>WF 35</b><br>075078 |

KRONOS 400T GW

|  |                          |                          |                                   |                                      |  |                        |
|--|--------------------------|--------------------------|-----------------------------------|--------------------------------------|--|------------------------|
|  |                          |                          |                                   |                                      |  |                        |
|  | Fe/CrNi                  | Alu                      |                                   |                                      |  |                        |
| <b>pack KRONOS 400T GW 1</b><br>077805 | 350 A, 4m, air<br>063792 | —                        | 4 m, 50 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment)     | 5 m, Ø70 mm <sup>2</sup> , liquid<br>075474  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T GW 2</b><br>077812 | —                        | 500 A, 3m, air<br>046160 | 4 m, 50 mm <sup>2</sup><br>047853 | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | 5 m, Ø70 mm <sup>2</sup> , liquid<br>075474  | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T GW 3</b><br>077829 | 500 A, 4m, air<br>041004 | —                        | 4 m, 50 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment)     | 10 m, Ø70 mm <sup>2</sup> , liquid<br>075481 | <b>WF 35</b><br>075078 |
| <b>pack KRONOS 400T GW 4</b><br>077836 | —                        | 500 A, 3m, air<br>046160 | 4 m, 50 mm <sup>2</sup><br>047853 | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | 10 m, Ø70 mm <sup>2</sup> , liquid<br>075481 | <b>WF 35</b><br>075078 |

KRONOS 400T Duo

|   |                          |                          |                                   |                                  |                                      |   |                        |
|---|--------------------------|--------------------------|-----------------------------------|----------------------------------|--------------------------------------|---|------------------------|
|   |                          |                          |                                   |                                  |                                      |   |                        |
|   | Fe/CrNi                  | Alu                      |                                   |                                  |                                      |   |                        |
| <b>pack KRONOS 400T Duo 1</b><br>077706 | 350 A, 4m, air<br>063792 | —                        | 4 m, 50 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment) | —                                    | —   | —                      |
| <b>pack KRONOS 400T Duo 2</b><br>077713 | —                        | 350 A, 3m, air<br>063808 | 4 m, 50 mm <sup>2</sup><br>047853 | —                                | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | —   | —                      |
| <b>pack KRONOS 400T Duo 3</b><br>077720 | 350 A, 4m, air<br>063792 | 350 A, 3m, air<br>063808 | 4 m, 50 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment) | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | 5 m, Ø70 mm <sup>2</sup> , 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 mm <sup>2</sup><br>047853 | Ø0.8/1.0<br>(original equipment) | B-type, Alu, Ø0.8/1.0 (x2)<br>042377 | 10 m, Ø70 mm <sup>2</sup> , air<br>075450 | <b>WF 35</b><br>075078 |

| 50/60 Hz | ←→  | 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    | Ø mm      | TYPE     | Cooling system | cm / kg       | kg           | Protected & compatible power generator (+/-15%) |              |              |
|----------|-----|------|-----------|------------------|-------------|-------|--------------------|--------------------|-------|-------------|-------------|--------------|-----------|-----------|-----------|----------|----------------|---------------|--------------|---|--------------|--------------|
|          |     |      |           | IA (60%)         | X% (I2 max) | 100%  |                    |                    |       |             |             |              |           |           |           |          |                |               |              |   |              |              |
| 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-046849 | ■              | ■ + WF        | Air          | 90 x 55 x 67                                    | 55           | 25 kW 30 kVA |
| 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 |              |
| 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 |              |
|          |     |      |           | 500 A            | 60 %        | —     |                    |                    | 50 W  | 20          | ■           | ■            | 0.8 → 1.2 | 0.9 → 1.6 | 1.0 / 1.2 | B-046849 | —              | ■             | Air / Liquid | 58 x 26 x 48                                    | 14           | —            |
|          |     |      |           | 500 A            | 60 %        | —     |                    |                    | 100 W | 20          | ■           | ■            | 0.8 → 1.6 | 0.9 → 2.4 | 1.0 / 1.2 | F-061873 | —              | ■             | Air / Liquid | 58 x 26 x 48                                    | 15           | —            |



# 5" DIGITAL INTERFACE

**NEW**

## ▶ ACCESSIBILITY

2 interface levels

EASY

EXPERT

10 languages

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

Easy mode



Expert mode



## ▶ MIG

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

## ▶ TIG

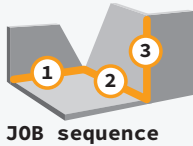
|          |            |
|----------|------------|
| STANDARD | PULSE      |
| SPOT     | SPOT PULSE |

## ▶ MMA

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

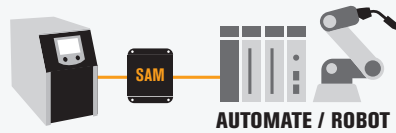
## ▶ MANUAL

QUICK LOAD



## ▶ AUTOMATION

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



## ▶ GOUGING

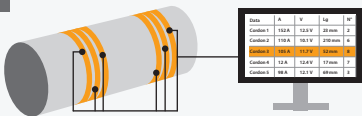
|                   |
|-------------------|
| Ø 4 > 6.4 (400 G) |
| Ø 4 > 8 (500 G)   |

## ▶ CONNECTIVITY

### ● TRACEABILITY

History data export

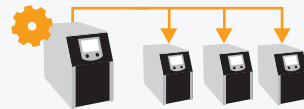
- ✓ QMOS - WPQR
- ✓ DMOS - WPS



ENERGY CONTROL : 20 kHz, kJ or kJ/cm

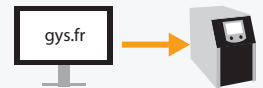
### ↕ PORTABILITY

Share configuration & jobs



### SOFTWARE UPDATE

Neopulse/Neomig-i evolutions



| NEOMIG-i 400 G                   |                          |                          |                                   |                                      |  |                 |                      |                              |
|----------------------------------|--------------------------|--------------------------|-----------------------------------|--------------------------------------|--|-----------------|----------------------|------------------------------|
|                                  |                          |                          |                                   |                                      |  |                 |                      |                              |
| pack NEOMIG-i 400 G W1<br>077843 | 500 A, 4m, air<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, air<br>046160 | 4 m, 70 mm <sup>2</sup><br>043831 | 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, air<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, air<br>046160 | 4 m, 70 mm <sup>2</sup><br>043831 | 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, air<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, air<br>046160 | 4 m, 70 mm <sup>2</sup><br>043831 | 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

# 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

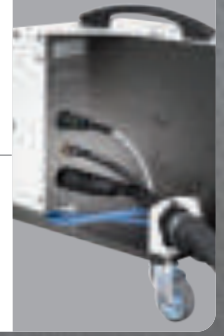
Smart wire charge ✓

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



**NEW**

400V 3~  
5 m

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

OPTION  
Trolley

**10m<sup>3</sup> L**  
075498

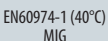
OPTION  
Cooling unit 890 W, 5.5 L  
liquid not included

**KOOLWELD 2**  
075115

NEOMIG-I

MIG/MAG • INVERTER • DIGITAL

53



NEOMIG-I 400 G

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

NEOMIG-I 500 G

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

WF 50

—

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

—

Equipement d'origine  
Original equipment  
Originalausstattung  
Equipamiento de fabrica

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

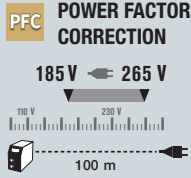


NEOPULSE

# MIG/MAG INVERTER PULSE



Youtube

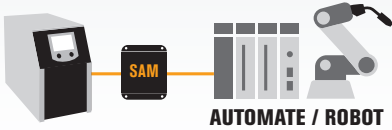


NEOPULSE 320C, 400 CW & NEOFEED 4W

## AUTOMATION

**SAM** ✓

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



**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  
1000 W, 5.5 l  
liquid not included  
013537

35/70 mm<sup>2</sup>  
Ø 13 mm

230 V • 1 ~

400 V • 3 ~

### NEOPULSE 220 C

|                |            |            |            |
|----------------|------------|------------|------------|
| <b>220 A</b>   |            | Ø 200      |            |
| <b>PFC</b>     | <b>AIR</b> | <b>MMA</b> | <b>TIG</b> |
| <b>IP 23 S</b> |            |            |            |

no accessories/no trolley  
061835

### NEOPULSE 220 C XL

|                |            |            |            |
|----------------|------------|------------|------------|
| <b>220 A</b>   |            | Ø 200/300  |            |
| <b>PFC</b>     | <b>AIR</b> | <b>MMA</b> | <b>TIG</b> |
| <b>IP 23 S</b> |            |            |            |

no accessories/no trolley  
061842

### NEOPULSE 320 C

|              |            |            |           |
|--------------|------------|------------|-----------|
| <b>320 A</b> |            | Ø 200/300  |           |
| <b>AIR</b>   | <b>MMA</b> | <b>TIG</b> | <b>WF</b> |
| <b>IP 23</b> |            |            |           |

no accessories/no trolley  
062474

## OPTIONS

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

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

Connector 14pt, male  
047686

Connector 14pt, female  
064386

**Skate NEOPULSE 320 C (+WCU)**  
700 x 100 x 350 mm  
037717

529

130

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

**10m<sup>3</sup>T/M 400 A**  
  
113 x 54 x 115 mm  
037328

**OPTIONS**

**MIG Lift Compact** (p.71)  
046597

**Support for MIG Lift Compact**  
072237

**NEOFEED 4W**

⊕ ⊕ ∅ 200/300

014527



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



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

**NEOCOOL**  
032750



70/95 mm<sup>2</sup>  
∅ 13 mm

**400 V • 3 ~ • POWER SOURCE**



**NEOPULSE 400 CW**

**400 A** ⊕ ⊕ ∅ 200/300 ⚡ 400 A @ 60%

AIR LIQUID MMA TIG WF ✓

GOUGING AD IP 23

no accessories/no trolley

062061

**NEOPULSE 400 G**

**400 A** @ 60%

no accessories/no trolley

014497

WF ✓ MMA TIG GOUGING IP 23

**NEOPULSE 500 G**

**500 A** @ 50%

no accessories/no trolley

014503



MIG EN60974-1 (40°C)



**NEOPULSE 220 C**

200 → 240 V · 1 ~

16

10 → 220

24 V

150 A

20%

130 A

80 V

■

20

0.6 → 1.2

0.9 → 1.2

■

—

acier-steel  
0.8/1.0 mm

B

55 × 41 × 32

28

7.5 kW

**NEOPULSE 220 C XL**

200 → 240 V · 1 ~

16

10 → 220

24 V

150 A

20%

130 A

80 V

■

20

0.6 → 1.2

0.9 → 1.2

■

■

acier-steel  
0.8/1.0 mm

B

32 × 49 × 60

30

7.5 kW

**NEOPULSE 320 C**

400 V · 3 ~

25

10 → 320

24/42 V

300 A

40%

280 A

85 V

■

22

0.6 → 1.2

0.9 → 1.6

■

■

acier-steel  
1/1.2 mm

F (061873)

30 × 68 × 55

37

13 kW

**NEOPULSE 400 CW**

400 V · 3 ~

32

10 → 400

24/42 V

400 A

60%

360 A

85 V

■

22

0.6 → 1.6

0.9 → 2.4

■

■

acier-steel  
1/1.2 mm

F (061873)

96 × 51 × 85

78

20 kW

**NEOPULSE 400 G**

400 V · 3 ~

32

10 → 400

—

400 A

60%

360 A

85 V

—

—

—

—

—

—

—

68 × 30 × 42

31

20 kW

**NEOPULSE 500 G**

400 V · 3 ~

32

10 → 500

—

470 A

50%

440 A

85 V

—

—

—

—

—

—

68 × 30 × 42

32

25 kW



## 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) |           | max                   | Ø mm  | Ø mm    | Equipement d'origine -<br>Original equipment -<br>Originalausstattung -<br>Equipamiento de fabrica |                       |                   |
| IA 60%           | X% I2 max | Electronic<br>Control | m/min | 200 300 | GAS NO GAS   | TYPE                  | cm kg             |
| 500              | 60        |                       | 22    | ■ ■     | 0.6 + 1.6 0.9 + 2.4  | 1.0 / 1.2 mm F-061873 | 70 × 51 × 38 20.5 |

### OPTIONS

#### CONNECTION CABLES



|                          | AIR COOLED | LIQUID COOLED |
|--------------------------|------------|---------------|
| 1.8 m 70 mm <sup>2</sup> | 071780     | 037243        |
| 5 m 70 mm <sup>2</sup>   | 047587     | 047617        |
| 10 m 70 mm <sup>2</sup>  | 047594     | 047624        |
| 10 m 95 mm <sup>2</sup>  | 047600     | 047631        |
| 15 m 95 mm <sup>2</sup>  | 038349     | 038448        |
| 20 m 95 mm <sup>2</sup>  | 038431     | 038455        |

#### ROLLERS 047020



#### SKIS 047037



## NEOPULSE 320C & 400CW CONFIGURATION 1



Connection kit

NUM-1  
063938



## CONFIGURATION 2



Connection kit

NUM-1  
063938



## NEOPULSE 400G & 500G CONFIGURATION 1



No connection  
kit

## CONFIGURATION 2



Connection kit

NUM-1  
063938



## 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



**EXTEND PRODUCTIVITY**

**DOUBLE WIRE FEEDER**

- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G



**DOUBLE WIRE FEEDER OPTIONS**



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



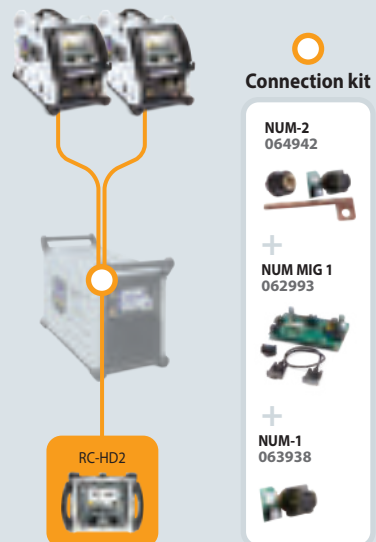
**TWINCOOL**  
Cooling unit 1000 W, 5,5 L liquid not included

065086

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



**CONFIGURATION 2**



**OPTIONS**

**RC-HA2**  
10m  
047679



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

Connector 14pt, male  
047686  
Connector 14pt, female  
064386

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



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



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



**Filter kit**  
063143



**Cooling liquid**  
(not included)

5L  
062511

10L  
052246



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

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

073395





### 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 |



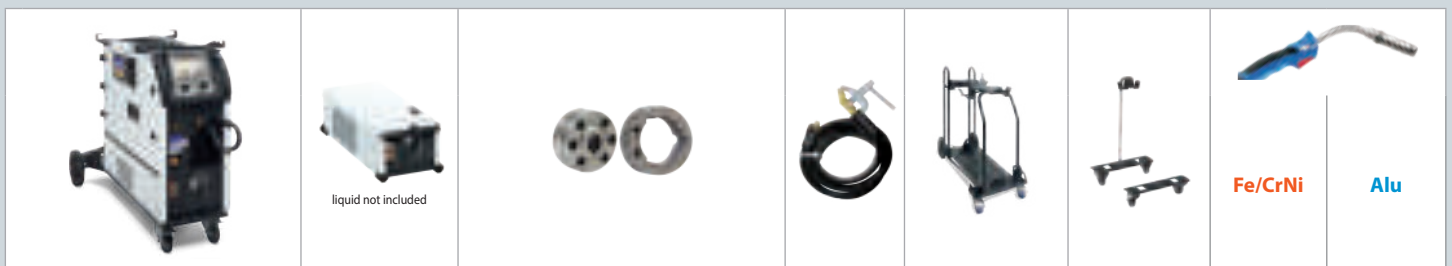
### NEOPULSE 220C XL

|   |  |  |                                     |                                   |  |  |                           |
|---|--|--|-------------------------------------|-----------------------------------|--|--|---------------------------|
| <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 |

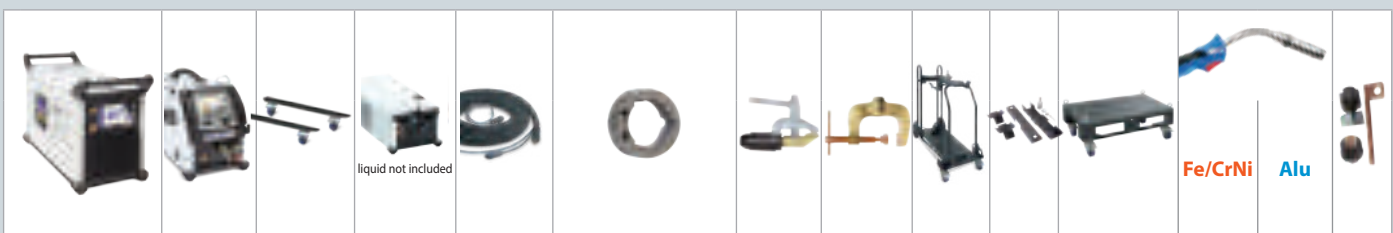


### NEOPULSE 400CW

|  |  |                                     |  |                                  |  |  |                              |
|--|--|-------------------------------------|--|----------------------------------|--|--|------------------------------|
| <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 |                           |  | 450 A,<br>4 m, air<br>045392    |                                 |                        |
| <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 |                           |  | 500 A,<br>4 m, liquid<br>041004 |                                 |                        |
| <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 |  | T/M 400<br>037328 |                           |  | 500 A,<br>3 m, liquid<br>046160 |                                 |                        |
| <b>pack NEOPULSE 400G W3</b><br>066533 | <b>x2</b><br>NEOFEED 4W<br>014527 |                                | TWINCOOL<br>1000W<br>065086 | <b>x2</b><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 |  | T/M 400<br>037328 | fixation<br>kit<br>064690 |  | 500 A,<br>4 m, liquid<br>041004 | 500 A,<br>3 m, liquid<br>046160 | Kit<br>NUM-2<br>064942 |
| <b>pack NEOPULSE 400G W4</b><br>066540 | <b>x2</b><br>NEOFEED 4W<br>014527 | <b>x2</b><br>Rollers<br>047020 | TWINCOOL<br>1000W<br>065086 | <b>x2</b><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 |  |                   | Pallet trolley<br>064621  |  | 500 A,<br>4 m, liquid<br>041004 | 500 A,<br>3 m, liquid<br>046160 | Kit<br>NUM-2<br>064942 |
| <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 |                           |  | 500 A,<br>4 m, liquid<br>041004 |                                 |                        |
| <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 |                           |  | 500 A,<br>3 m, liquid<br>046160 |                                 |                        |


**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 |                           |  | 450 A,<br>4 m, air<br>045392    |                                 |                        |
| <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 |                           |  | 500 A,<br>4 m, liquid<br>041004 |                                 |                        |
| <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 |                           |  | 500 A,<br>3 m, liquid<br>046160 |                                 |                        |
| <b>pack NEOPULSE 500G W3</b><br>066557 | <b>x2</b><br>NEOFEED 4W<br>014527 |                                | TWINCOOL<br>1000W<br>065086 | <b>x2</b><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 | fixation<br>kit<br>064690 |  | 500 A,<br>4 m, liquid<br>041004 | 500 A,<br>3 m, liquid<br>046160 | Kit<br>NUM-2<br>064942 |
| <b>pack NEOPULSE 500G W4</b><br>066564 | <b>x2</b><br>NEOFEED 4W<br>014527 | <b>x2</b><br>Rollers<br>047020 | TWINCOOL<br>1000W<br>065086 | <b>x2</b><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 |  |                   | Pallet trolley<br>064621  |  | 500 A,<br>4 m, liquid<br>041004 | 500 A,<br>3 m, liquid<br>046160 | Kit<br>NUM-2<br>064942 |



# INTEGRATION



## ONLINE CONFIGURATION GUIDE

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

### MIG/MAG - GMAW/FCAW

|                       | I (100%) | Integrated wirefeeder | SAM-1A (Analogic/Digital) | SAM-1N (Numerical) |
|-----------------------|----------|-----------------------|---------------------------|--------------------|
| 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    | -                     | ✓                         | ✓                  |

### TIG - GTAW

|                    |       |   |   |   |
|--------------------|-------|---|---|---|
| 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

|             |              |                |
|-------------|--------------|----------------|
| <br>        | <br>         | <br>           |
| WIRE FEEDER | COOLING UNIT | REMOTE CONTROL |



### Complete configuration

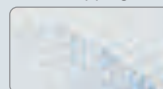
A summary of the requested set-up configuration as an **Excel** file along with a list of the GYS equipments needed to automate it.  
- Récapitulatif de la configuration souhaitée au format **Excel** avec les équipements GYS nécessaires à l'automatisation.

### Back-End

Zip file with :

- 3D models (.step)
- IP configuration
- Software
- Electronic files

- Data mapping files



### Front-End

User interfaces :

- URcap software
- More on demand...





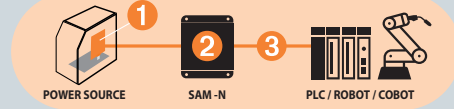
SAM



# AUTOMATION MODULE



POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



## 1 MACHINE CONNECTIVITY KITS



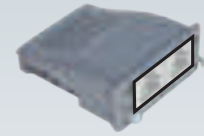
**KIT NUM TIG/GTAW 1**  
for TITAN 400 DC & TITANIUM 400 AC/DC  
037960

**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 |
| Profinet    | 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



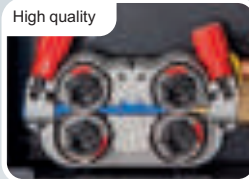
3 modes :  
Job, Manual,  
Tracking

POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



SMARTFEED

# 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

PUSH-PULL BRUSHLESS MOTOR

15 cm

24.5 cm

21.5 cm

Back view

ULTRA LIGHT 4.5 kg

VIBRATION & SHOCK RESISTANT

|                  |           |   |          |           |                     |                  |     |
|------------------|-----------|---|----------|-----------|---------------------|------------------|-----|
| EN60974-1 (40°C) |           | Equipement d'origine - Original equipment - Originalausstattung - Equipamiento de fabrica |          | PUSH-PULL |                     |                  |     |
| IA 60%           | X% I2 max | Electronic Control  | TYPE     | m/min     | Ø mm                | cm               | kg  |
| 500              | 60        |   | F-061873 | 1 → 25    | 0.6 → 1.6 0.9 → 2.4 | 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



NEW

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 -  
Compatibilidades sur demande -  
Kompatibilitäten auf Anfrage





# PACKS



## COBOT

✓ DOOSAN  
✓ HANWHA

✓ OMRON  
✓ TECHMAN

✓ UNIVERSAL ROBOT



### PACK NEOPULSE 320C A3 COBOT 067905

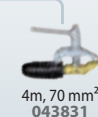
TYPE F  
Ø 1.0/1.2  
(Original  
equipment)



NEOPULSE 320C  
062474



Kit NUM MIG/  
GMAW 1  
062993



4m, 70 mm<sup>2</sup>  
043831



SAM 1N  
064935

Modbus TCP  
063013

Fe/CrNi

350 A, 4m, air  
040946



COBOT torch  
support  
067752



### PACK NEOPULSE 320C W4 COBOT 067912

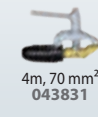
TYPE F  
Ø 1.0/1.2  
(Original  
equipment)



NEOPULSE 320C  
062474



Kit NUM MIG/  
GMAW 1  
062993



4m, 70 mm<sup>2</sup>  
043831



SAM 1N  
064935

Modbus TCP  
063013



WCU 1kW C  
013537

Cooling liquid 10 L  
052246

Fe/CrNi

500 A, 4m, liquid  
041004



COBOT torch  
support  
067752



### PACK NEOPULSE 400 CW 3 COBOT 071506

TYPE F  
Ø 1.0/1.2  
(Original  
equipment)



NEOPULSE  
400 CW  
062061



Kit NUM MIG/  
GMAW 1  
062993



4m, 70 mm<sup>2</sup>  
043831



SAM 1N  
064935

Modbus TCP  
063013

Fe/CrNi

500 A, 4m, liquid  
041004



COBOT torch  
support  
067752

More configurations -  
Plus de configurations



ROBOT

✓ ABB  
✓ FANUC

✓ KAWASAKI  
✓ KUKA

✓ STÄUBLI  
✓ YASKAWA

**PACK 1** NEOPULSE 400G ETHERNET IP  
071575



NEOPULSE 400G  
014497

**PACK 2** NEOPULSE 500G ETHERNET IP  
071582



NEOPULSE 500G  
014503



NEOCOOL 400  
032750



Cooling liquid 10L  
052246



NUM-1  
063938



Kit NUM MIG/GMAW 1  
062993



Liquid, 8m, Ø 95mm<sup>2</sup>  
069725



Command cable 11m  
036925



SAM 1N  
064935



SMARTFEED M-4  
066618



COMBINAISON



Pallet trolley  
31 x 79 x 50 cm / 22,8 kg  
21 x 81 x 52 cm / 24,2 kg  
064621



RC-HD2  
062122



Ethernet IP  
062078



4m, 95 mm<sup>2</sup>  
047013



# 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



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

#### 5 MIG Wire feeder



Exafeed 4L  
032408

Trolley T/M 400A  
037328

Exacool 1000W  
032422

#### 6 MIG Portable feeder



Nomadfeed 425-4  
CC/CV  
036291

Jobsite XL  
039568

#### 7 TIG HF



Exatig HF  
013780

### EXAGON 400 CC/CV

400 V • 3 ~

400A  
60 %

400 A

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

Only for Exagon 400 CC/CV

### EXACOOOL

\* LIQUID

1000W, 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







Packs MIG



liquid not included

Fe/CrNi

EXAGON 400 CC/CV

|                              |                      |                          |  |                           |   |   |                                  |                      |                              |
|------------------------------|----------------------|--------------------------|--|---------------------------|---|---|----------------------------------|----------------------|------------------------------|
| pack EXAGON MAG A1<br>012417 | EXAFEED 4L<br>032408 |                          | 10 m, air, ø 70 mm <sup>2</sup><br>047594    |                           | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831        | T/M 400<br>037328                |                      | 350 A, 4 m, air<br>040946    |
| pack EXAGON MAG A2<br>013377 | EXAFEED 4L<br>032408 |                          | 5 m, air, ø 70 mm <sup>2</sup><br>047587     |                           | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831        | T/M 400<br>037328                |                      | 350 A, 4 m, air<br>040946    |
| pack EXAGON MAG W1<br>012424 | EXAFEED 4L<br>032408 | EXACOOOL 1000W<br>032422 | 10 m, liquid, ø 95 mm <sup>2</sup><br>047631 |                           | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831        | T/M 400<br>037328                |                      | 500 A, 4 m, liquid<br>041004 |
| pack EXAGON MAG W2<br>013384 | EXAFEED 4L<br>032408 | EXACOOOL 1000W<br>032422 | 5 m, liquid, ø 70 mm <sup>2</sup><br>047617  |                           | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831        | T/M 400<br>037328                |                      | 500 A, 4 m, liquid<br>041004 |
| pack EXAGON MAG A5<br>013421 |                      |                          |  | NOMADFEED 425-4<br>036291 | 5 m, ø 95 mm <sup>2</sup><br>032439     | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831 |                      | 450 A, 4 m, air<br>045392    |
| pack EXAGON MAG A6<br>013438 |                      |                          |  | NOMADFEED 425-4<br>036291 | 5 m, ø 95 mm <sup>2</sup><br>032439     | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831 | Jobsite XL<br>039568 | 450 A, 4 m, air<br>045392    |

EXAGON 400 FLEX CC/CV

|                                   |  |  |  |                           |                                     |   |                                  |                      |                           |
|-----------------------------------|--|--|--|---------------------------|-------------------------------------|---|----------------------------------|----------------------|---------------------------|
| pack EXAGON FLEX MAG A3<br>076327 |  |  |  | NOMADFEED 425-4<br>036291 | 5 m, ø 95 mm <sup>2</sup><br>032439 | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831 |                      | 450 A, 4 m, air<br>045392 |
| pack EXAGON FLEX MAG A4<br>076334 |  |  |  | NOMADFEED 425-4<br>036291 | 5 m, ø 95 mm <sup>2</sup><br>032439 | TYPE C, Ø 1/1.2<br>(Original Equipment) | 4m, 70 mm <sup>2</sup><br>043831 | Jobsite XL<br>039568 | 450 A, 4 m, air<br>045392 |

Packs MMA



EXAGON 400 CC/CV

|                             |   |                         |                                    |  |  |  |  |                      |  |
|-----------------------------|---|-------------------------|------------------------------------|--|--|--|--|----------------------|--|
| pack EXAGON MMA 1<br>012387 | 5 m, 50 mm <sup>2</sup><br>MMA kit 7 047419 | 4 m, 50 mm <sup>2</sup> |                                    |  |  |  |  |                      |  |
| pack EXAGON MMA 2<br>012394 | 5 m, 50 mm <sup>2</sup><br>MMA kit 7 047419 | 4 m, 50 mm <sup>2</sup> |                                    |  |  |  |  | Jobsite XL<br>039568 |  |
| pack EXAGON MMA 3<br>012400 | 5 m, 50 mm <sup>2</sup><br>MMA kit 7 047419 | 4 m, 50 mm <sup>2</sup> | Gouging<br>torch, 1000 A<br>041516 | Cable 5 m for<br>gouging torch<br>040670 |  |  |  | Jobsite XL<br>039568 |  |

EXAGON 400 FLEX CC/CV

|                                  |   |                         |                                    |  |  |  |  |                      |  |
|----------------------------------|---|-------------------------|------------------------------------|--|--|--|--|----------------------|--|
| pack EXAGON FLEX MMA 1<br>076235 | 5 m, 50 mm <sup>2</sup><br>MMA kit 7 047419 | 4 m, 50 mm <sup>2</sup> |                                    |  |  |  |  |                      |  |
| pack EXAGON FLEX MMA 2<br>076242 | 5 m, 50 mm <sup>2</sup><br>MMA kit 7 047419 | 4 m, 50 mm <sup>2</sup> |                                    |  |  |  |  | Jobsite XL<br>039568 |  |
| pack EXAGON FLEX MMA 3<br>076259 | 5 m, 50 mm <sup>2</sup><br>MMA kit 7 047419 | 4 m, 50 mm <sup>2</sup> | Gouging<br>torch, 1000 A<br>041516 | Cable 5 m for<br>gouging torch<br>040670 |  |  |  | Jobsite XL<br>039568 |  |

Packs TIG



EXAGON 400 CC/CV

|                             |                  |                           |  |                                      |                                  |   |  |                      |  |
|-----------------------------|------------------|---------------------------|--|--------------------------------------|----------------------------------|---|--|----------------------|--|
| pack EXAGON TIG 1<br>062597 | EXATIG<br>013780 | SR26 L,<br>8 m<br>046184  |  | 4 m,<br>50 mm <sup>2</sup><br>047853 | Command<br>cable, 11 m<br>036925 | 10 m,<br>ø 95 mm <sup>2</sup><br>032446<br>(x2) |  |                      |  |
| pack EXAGON TIG 2<br>062603 | EXATIG<br>013780 | SR26 L,<br>8 m<br>046184  |  | 4 m,<br>50 mm <sup>2</sup><br>047853 | Command<br>cable, 11 m<br>036925 | 10 m,<br>ø 95 mm <sup>2</sup><br>032446<br>(x2) |  | Jobsite XL<br>039568 |  |
| pack EXAGON TIG 3<br>062948 | EXATIG<br>013780 | SR26 DB,<br>8 m<br>046177 |  | 4 m,<br>50 mm <sup>2</sup><br>047853 | Command<br>cable, 11 m<br>036925 | 10 m,<br>ø 95 mm <sup>2</sup><br>032446<br>(x2) |  |                      |  |



MIG

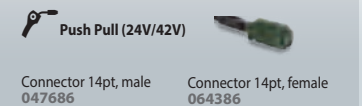
- ✓ EXAGON 400 CC/CV
- ✗ EXAGON 400 FLEX CC/CV

WIRE FEEDER



AIR ❄️ LIQUID

|                          |                         |        |
|--------------------------|-------------------------|--------|
| CONNECTION<br>CABLE      | AIR COOLED              |        |
|                          | 5 m 70 mm <sup>2</sup>  | 047587 |
|                          | 10 m 70 mm <sup>2</sup> | 047594 |
|                          | 10 m 95 mm <sup>2</sup> | 047600 |
|                          | 15 m 95 mm <sup>2</sup> | 038349 |
|                          | LIQUID COOLED           |        |
| 1.8 m 70 mm <sup>2</sup> | 037243                  |        |
| 5 m 70 mm <sup>2</sup>   | 047617                  |        |
| 10 m 70 mm <sup>2</sup>  | 047624                  |        |
| 10 m 95 mm <sup>2</sup>  | 047631                  |        |
| 15 m 95 mm <sup>2</sup>  | 038448                  |        |
| 20 m 95 mm <sup>2</sup>  | 038455                  |        |



EN60974-1  
(40°C)  
**EXAFEED 4L**  
032408

|          |             |                    |       |             |              |           |           |   |          |              |      |
|----------|-------------|--------------------|-------|-------------|--------------|-----------|-----------|---|----------|--------------|------|
| IA (60%) | X% (I2 max) | Electronic Control | m/min | 200 mm 5 kg | 300 mm 15 kg | GAS       | NO GAS    | Equipement d'origine - Original equipment Originalausstattung - Equipamiento de fabrica | TYPE     | cm           | kg   |
| 500      | 60          |                    | 22    | ■           | ■            | 0.6 → 1.6 | 0.9 → 2.4 |   | C-042117 | 70 × 51 × 38 | 20.5 |



MIG

- ✓ EXAGON 400 CC/CV
- ✓ EXAGON 400 FLEX CC/CV

# PORTABLE FEEDER

UNIVERSAL

CHANTIER - JOBSITE



NOMADFEED  
425-4 CC/CV  
036291



### OPTIONS



- NOMADFEED CABLE**
- 5 m 95 mm<sup>2</sup> 032439
  - 10 m 95 mm<sup>2</sup> 032446
  - 15 m 95 mm<sup>2</sup> 036666
  - 20 m 95 mm<sup>2</sup> 036673

### OPEN ARC



Adapter kit for self-shielded flux-cored wires - Adaptateur pour fil fourré sans gaz 068636

| I V | 50/60 Hz   | 100% A | 60% A | Ø mm    | Electronic Control | GAS     | NO GAS  | Ø mm    | DC power source       |                       | Equipment d'origine - Original equipment - Originalausstattung - Equipamiento de fabrica |          | Protected against over voltage | cm                 | kg             | IP   |    |
|-----|------------|--------|-------|---------|--------------------|---------|---------|---------|-----------------------|-----------------------|--|----------|--------------------------------|--------------------|----------------|------|----|
|     |            |        |       |         |                    |         |         |         | Mode Constant Current | Mode Constant Voltage | TYPE   | TYPE     |                                |                    |                |      |    |
| 888 | 16>110V DC | 300    | 425   | 200/300 | ⊗                  | 0.6→1.6 | 0.9→2.4 | 1.2/1.6 | ⊗                     | ⊗                     | E-038615   | C-038646 | 4 m                            | 95 mm <sup>2</sup> | 67.5 × 27 × 49 | 15.5 | 23 |



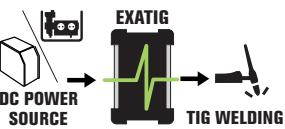
- ✓ EXAGON 400 CC/CV
- ✗ EXAGON 400 FLEX CC/CV

# HF IGNITION CONTROL UNIT

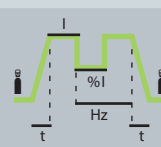
✓ 2T ✓ 4T

✓ HF 9kV

UNIVERSAL

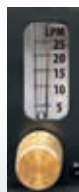


EXATIG  
no accessories:  
013780



FULL CONTROL  
SPECIAL EXAGON 400 CC/CV

POWER



5 > 25 L/min

70/95 mm<sup>2</sup>  
Ø 13 mm

### OPTIONS



- Tuyau caoutchouc-Rubber hose, Ø 6.0 X 12 (DIN 73379)
- x2 045712
  - 4 m 046269
  - ∞ x m 046276



- Power cable 10 m 032446



- Fixing kit for trolley T/M 400A 037779

### EXATIG / EXAGON connection



- Command cable
- 2.8 m 063907
  - 6 m 063914
  - 11 m 036925



- Connection kit 036918



| I <sub>2</sub> | U <sub>1</sub> min | U <sub>1</sub> max | X% GYS (20°C)  | EN60974-1 (40°C)    | cm    | kg               |
|----------------|--------------------|--------------------|----------------|---------------------|-------|------------------|
| TIG            |                    |                    | for normal use | I (60%) X% (I2 max) | 100%  |                  |
| 40 → 400       | 10V                | 100V               | 100% @ 220A    | 270 A 25%           | 220 A | 34 × 26 × 16 6.5 |



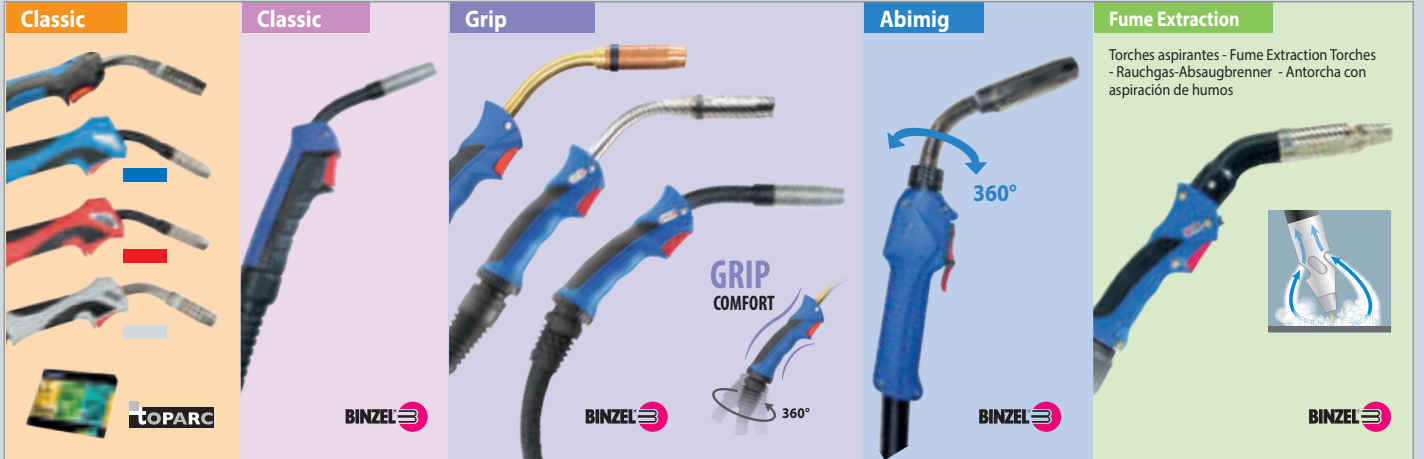
# ACCESSORIES

# TORCHES & CONSUMABLES

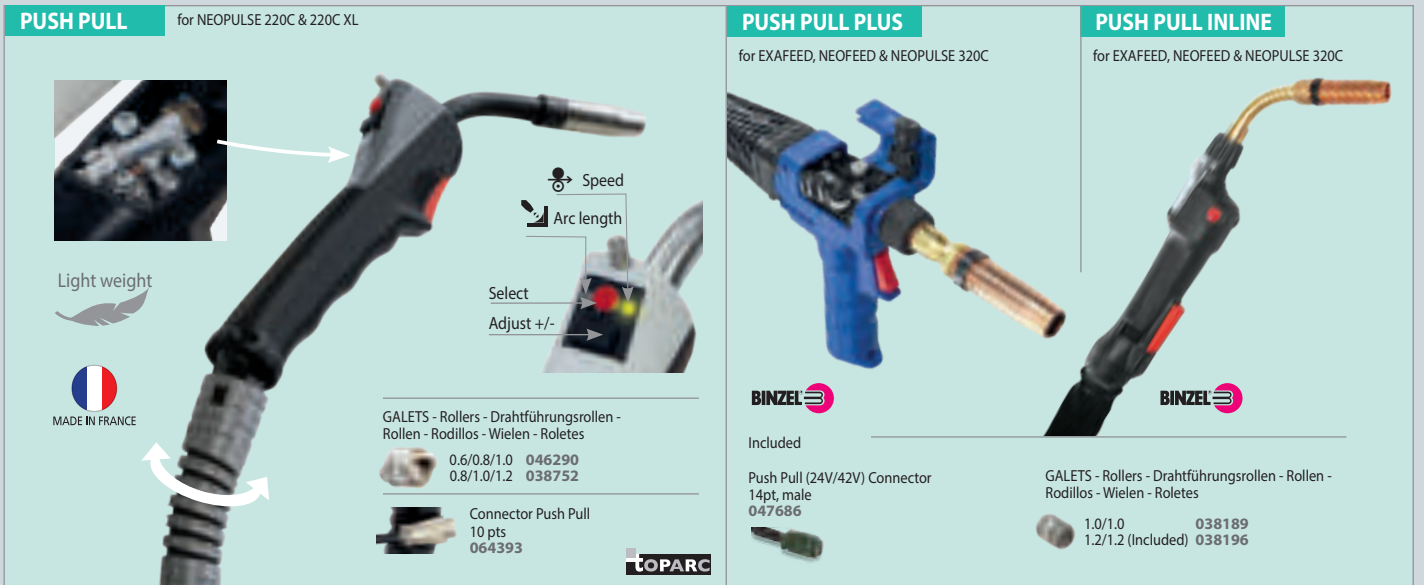
## SUPPORTS TORCHE - Torch stands - Brennerhalter



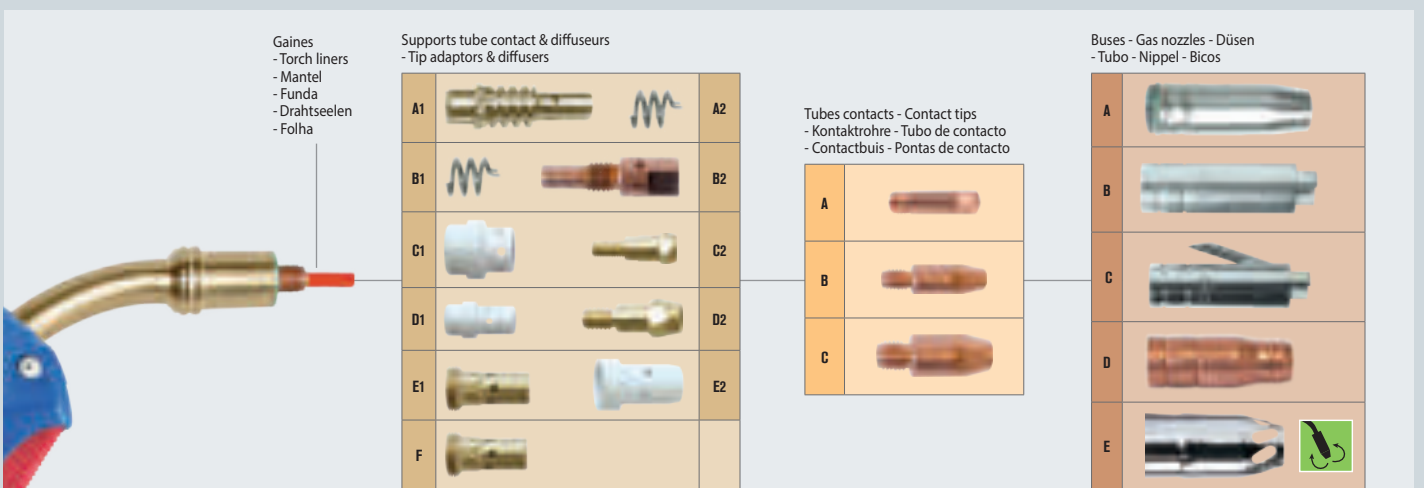
## TORCHES MANUELLES - Manual Torches - Brenner - Antorcha - Lastoort - Tocha



## 24V PUSH PULL & SPOOL GUN TORCHES (IDEAL ALU)



## CONSOMMABLES - Consumables



**Torches complètes - Complete Torches - Brenner - Antorcha - Lastoort - Tocha**

|                               | ACIER / INOX - STEEL / STAINLESS STEEL - STAHL / EDELSTAHL |               |               |               |               |               |               |               | ALU - ALUMINIUM - ALUMINIO |               |               |                         |               |                         | PUSH PULL     |               | PUSH PULL PLUS |               |               | PUSH PULL IN LINE |                 |  |
|-------------------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------------------|---------------|---------------|-------------------------|---------------|-------------------------|---------------|---------------|----------------|---------------|---------------|-------------------|-----------------|--|
|                               | AIR  |               |               |               | LIQUID        |               |               |               | AIR                        |               |               |                         | LIQUID        |                         | AIR           |               | LIQUID         | AIR           | LIQUID        | AIR               | LIQUID          |  |
|                               | 150A   | 150A          | 250A          | 250A          | 350A          | 450A          | 300A          | 500A          | 150A                       | 250A          | 250A          | 350A                    | 300A          | 500A                    | 160A          | 220A          | 250A           | 300A          | 400A          | 300A              | 400A            |  |
| X%<br>40°C, ArCo <sub>2</sub> | 150A<br>60%  | 150A<br>60%   | 200A<br>60%   | 200A<br>60%   | 290A<br>60%   | 450A<br>60%   | 270A<br>100%  | 450A<br>100%  | 150A<br>60%                | 230A<br>60%   | 200A<br>60%   | 290A<br>60%             | 270A<br>100%  | 450A<br>100%            | 160A<br>40%   | 220A<br>20%   | 240A<br>100%   | 270A<br>60%   | 350A<br>100%  | 270A<br>60%       | 350A<br>100%    |  |
|                               | A1+A2  | A1+A2         | B1+B2         | B1+B2         | D1+D2         | F             | C1+C2         | E1+E2         | A1+A2                      | A1+A2         | B1+B2         | D1+D2                   | C1+C2         | E1+E2                   | A1+A2         | B1+B2         | C1+C2          | D1+D2         | E1+E2         | D1+D2             | E1+E2           |  |
|                               | M6<br>Ø1.2   | M6<br>Ø1.0    | M6<br>Ø1.2    | M6<br>Ø1.0    | M8<br>Ø1.2    | M8<br>Ø1.2    | M6<br>Ø1.2    | M8<br>Ø1.2    | M6<br>Ø1.2                 | M6<br>Ø1.2    | M6<br>Ø1.0    | M8<br>Ø1.2              | M6<br>Ø1.2    | M8<br>Ø1.2              | M6<br>Ø1.0    | M6<br>Ø1.2    | M6<br>Ø1.2     | M8<br>Ø1.2    | M8<br>Ø1.2    | M8<br>Ø1.2        | M8<br>Ø1.2      |  |
|                               | 3 m<br>063754  | 3 m<br>072121 | 3 m<br>072145 | 3 m<br>072152 | 3 m<br>063792 | 4 m<br>045392 | 3 m<br>040694 | 4 m<br>041004 | 3 m<br>063761              | 3 m<br>072138 | 3 m<br>063785 | 3 m<br>063808           | 3 m<br>040748 | 3 m<br>CARBON<br>046160 | 4 m<br>044111 | 4 m<br>046283 | 8 m<br>038141  | 8 m<br>038738 | 8 m<br>038745 | 7.6 m<br>072992   | 7.6 m<br>073005 |  |
|                               | 3 m<br>041424  |               |               | 4 m<br>063778 | 3 m<br>040687 |               | 4 m<br>043275 | 5 m<br>038714 | 3 m<br>041462              |               | 3 m<br>040724 | 3 m<br>CARBON<br>040731 | 4 m<br>043282 | 4 m<br>CARBON<br>041097 |               |               |                |               |               |                   |                 |  |
|                               | 3 m<br>043268  |               |               | 3 m<br>040700 | 4 m<br>040946 |               | 4 m<br>040564 |               |                            |               | 4 m<br>040939 | 4 m<br>CARBON<br>040953 |               |                         |               |               |                |               |               |                   |                 |  |
|                               | 3 m<br>043251  |               |               | 4 m<br>040922 | 4 m<br>040557 |               |               |               |                            |               |               |                         |               |                         |               |               |                |               |               |                   |                 |  |
|                               |  |               |               | 3 m<br>040540 |               |               |               |               |                            |               |               |                         |               |                         |               |               |                |               |               |                   |                 |  |

**Supports tube contact & diffuseurs - Tip adaptors & diffusers**

|  | ACIER / INOX - STEEL / STAINLESS STEEL - STAHL / EDELSTAHL |          |         |         |         |        |         |         | ALU - ALUMINIUM - ALUMINIO |          |         |         |         |         | PUSH PULL |         | PUSH PULL PLUS |         |         | PUSH PULL IN LINE |         |
|--|--|----------|---------|---------|---------|--------|---------|---------|----------------------------|----------|---------|---------|---------|---------|-----------|---------|----------------|---------|---------|-------------------|---------|
|  | AIR  |          |         |         | LIQUID  |        |         |         | AIR                        |          |         |         | LIQUID  |         | AIR       |         | LIQUID         | AIR     | LIQUID  | AIR               | LIQUID  |
|  | 150A   | 150A     | 250A    | 250A    | 350A    | 450A   | 300A    | 500A    | 150A                       | 150A     | 250A    | 350A    | 300A    | 500A    | 150A      | 250A    | 250A           | 350A    | 500A    | 350A              | 500A    |
|  | A1 (x5)  | A1 (x5)  | B1 (x5) | B1 (x5) | D1 (x3) | F (x3) | C1 (x3) | E1 (x5) | A1 (x5)                    | A1 (x5)  | B1 (x5) | D1 (x3) | C1 (x3) | E1 (x5) | A1 (x5)   | B1 (x5) | C1 (x3)        | D1 (x3) | E1 (x5) | D1 (x3)           | E1 (x5) |
|  | 042902   | 042902   | 042995  | 042995  | 043008  | 045484 | 043589  | 042940  | 042902                     | 042902   | 042995  | 043008  | 043589  | 042940  | 042902    | 042995  | 043589         | 043008  | 042940  | 043008            | 042940  |
|  | A2 (x10)   | A2 (x10) | B2 (x5) | B2 (x5) | D2 (x5) |        | C2 (x5) | E2 (x3) | A2 (x10)                   | A2 (x10) | B2 (x5) | D2 (x5) | C2 (x5) | E2 (x3) | A2 (x10)  | B2 (x5) | C2 (x5)        | D2 (x5) | E2 (x3) | D2 (x5)           | E2 (x3) |
|  | 042988   | 042988   | 042919  | 042919  | 042926  |        | 043541  | 043022  | 042988                     | 042988   | 042919  | 042926  | 043541  | 043022  | 042988    | 042919  | 043541         | 042926  | 043022  | 042926            | 043022  |

**Tubes contacts - Contact tips - Kontaktrohre - Tubo de contacto - Contactbuis - Pontas de contacto**

|       | 150A              | 150A              | 250A              | 250A              | 350A               | 450A               | 300A              | 500A               | 150A              | 150A              | 250A              | 350A               | 300A              | 500A               | 150A              | 250A              | 250A              | 350A               | 500A               | 350A               | 500A               |   |
|-------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|-------------------|--------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---|
| Ø 0.6 | A (x10)<br>041905 | A (x10)<br>041905 | A (x10)<br>041905 | A (x10)<br>041905 | —                  | —                  | A (x10)<br>041905 | —                  | —                 | —                 | —                 | —                  | —                 | —                  | —                 | —                 | —                 | —                  | —                  | —                  | —                  | — |
| Ø 0.8 | A (x10)<br>041912 | A (x10)<br>041912 | B (x10)<br>041950 | B (x10)<br>041950 | C (x10)<br>041790  | C (x10)<br>041790  | B (x10)<br>041950 | C (x10)<br>041790  | A (x10)<br>041059 | A (x10)<br>041059 | A (x10)<br>041059 | —                  | A (x10)<br>041059 | —                  | A (x10)<br>041059 | A (x10)<br>041059 | A (x10)<br>041059 | C (x10)<br>041059  | C (x10)<br>041059  | C (x10)<br>041059  | C (x10)<br>041059  |   |
| Ø 1.0 | A (x10)<br>041929 | A (x10)<br>041929 | B (x10)<br>041967 | B (x10)<br>041967 | C (x10)<br>041903  | C (x10)<br>041903  | B (x10)<br>041967 | C (x10)<br>041903  | B (x10)<br>041066 | B (x10)<br>041066 | B (x10)<br>041066 | C (x10)<br>0419766 | B (x10)<br>041066 | C (x10)<br>0419766 | B (x10)<br>041066 | B (x10)<br>041066 | B (x10)<br>041066 | C (x10)<br>0419766 | C (x10)<br>0419766 | C (x10)<br>0419766 | C (x10)<br>0419766 |   |
| Ø 1.2 | A (x10)<br>040144 | A (x10)<br>040144 | B (x10)<br>041974 | B (x10)<br>041974 | C (x10)<br>0419810 | C (x10)<br>0419810 | B (x10)<br>041974 | C (x10)<br>0419810 | B (x10)<br>041073 | B (x10)<br>041073 | B (x10)<br>041073 | C (x10)<br>0419773 | B (x10)<br>041073 | C (x10)<br>0419773 | B (x10)<br>041073 | B (x10)<br>041073 | B (x10)<br>041073 | C (x10)<br>0419773 | C (x10)<br>0419773 | C (x10)<br>0419773 | C (x10)<br>0419773 |   |
| Ø 1.4 | —                 | —                 | —                 | —                 | C (x10)<br>0419827 | C (x10)<br>0419827 | —                 | C (x10)<br>0419827 | —                 | —                 | —                 | —                  | —                 | —                  | —                 | —                 | —                 | —                  | —                  | —                  | —                  | — |
| Ø 1.6 | —                 | —                 | —                 | —                 | C (x10)<br>0419834 | C (x10)<br>0419834 | —                 | C (x10)<br>0419834 | —                 | —                 | —                 | C (x10)<br>041080  | —                 | C (x10)<br>041080  | —                 | —                 | —                 | C (x10)<br>041080  | C (x10)<br>041080  | C (x10)<br>041080  | C (x10)<br>041080  |   |
| Ø 2.4 | —                 | —                 | —                 | —                 | C (x10)<br>040533  | C (x10)<br>040533  | —                 | C (x10)<br>040533  | —                 | —                 | —                 | —                  | —                 | —                  | —                 | —                 | —                 | —                  | —                  | —                  | —                  | — |

**Buses - Gas nozzles - Düsen - Tubo - Nippel - Bicos**

|   | 150A             | 150A             | 250A             | 250A             | 350A             | 450A             | 300A             | 500A             | 150A           | 150A           | 250A             | 350A             | 300A             | 500A             | 150A             | 250A             | 250A             | 350A             | 500A             | 500A             | 500A             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|   | Ø 12             | Ø 12             | Ø 15             | Ø 15             | Ø 16             | Ø 19             | Ø 12             | Ø 16             | —              | —              | Ø 15             | Ø 16             | Ø 12             | Ø 16             | Ø 12             | Ø 15             | Ø 15             | Ø 16             | Ø 16             | Ø 16             | Ø 16             |
| Conique<br>Conical nozzle<br>Könische<br>Düse       | A (x3)<br>041875 | A (x3)<br>041875 | A (x3)<br>041882 | A (x3)<br>041882 | A (x3)<br>041783 | A (x3)<br>045491 | A (x3)<br>043534 | A (x3)<br>042315 | A (x3)<br>Ø 12 | A (x3)<br>Ø 12 | A (x3)<br>041882 | A (x3)<br>041783 | A (x3)<br>043534 | A (x3)<br>042315 | A (x3)<br>041875 | A (x3)<br>041882 | A (x3)<br>041882 | A (x3)<br>041783 | A (x3)<br>042315 | A (x3)<br>042315 | A (x3)<br>042315 |
| E (x1)  | E (x1)<br>043084 | E (x1)<br>043084 | E (x1)<br>040571 | E (x1)<br>040571 | E (x1)<br>040588 |                  |                  | E (x1)<br>040588 | —              | —              | —                | —                | —                | —                | —                | —                | —                | —                | —                | —                | —                |
| Pointage<br>Spot welding<br>Punktdüse               | B (x1)<br>041851 | B (x1)<br>041851 |                  |                  |                  |                  |                  |                  | A (x3)<br>Ø 16 | A (x3)<br>Ø 16 |                  |                  | A (x3)<br>Ø 17   | 046221           |                  |                  |                  |                  |                  |                  |                  |
| Soude clou<br>Nail welding<br>Nagelschweiß-<br>düse | C (x1)<br>041523 | C (x1)<br>041523 |                  |                  |                  |                  |                  |                  |                |                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Special No<br>Gas (isolated)                        | D (x1)<br>041868 | D (x1)<br>041868 |                  |                  |                  |                  |                  |                  |                |                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |

**Gaines - Torch liners - Mantel - Funda - Drahtseelen - Folha**



| ACIER - STEEL - STAHL - ACERO - STAAL - AÇO |     |        |  | TEFLON    |     |        |  |
|---|-----|--------|--|-----------|-----|--------|--|
| Ø 0.6                                       | 3 m | 041592 |  | Ø 0.6x0.8 | 3 m | 041578 |  |
| Ø 0.8                                       | 4 m | 041837 |  |           | 4 m | 044050 |  |
| Ø 1.0                                       | 3 m | 041608 |  | Ø 1.0x1.2 | 3 m | 041585 |  |
| Ø 1.2                                       | 4 m | 041844 |  |           | 4 m | 044067 |  |
|   | 5 m | 062276 |  |           | 8 m | 038677 |  |
|   | 3 m | 418417 |  | Ø 1.2x1.6 | 4 m | 044074 |  |
|   | 4 m | 418424 |  |           |     |        |  |
| Ø 1.2                                       |     | 062283 |  |           |     |        |  |
| Ø 1.6                                       | 5 m | 038684 |  |           |     |        |  |
|   |     | 040526 |  |           |     |        |  |
| Ø 1.6                                       | 4 m | 062290 |  |           |     |        |  |
| Ø 2.4                                       | 5 m |        |  |           |     |        |  |

| PUSH PULL TORCH |     |        | PUSH PULL PLUS |        |        |
|-----------------|-----|--------|----------------|--------|--------|
| Ø 1.0           | 8 m | 038172 | Ø 0.8x1.0      | 145 mm | 038158 |
| Ø 1.2           |     |        | Ø 1.2x1.6      | 145 mm | 038165 |

**Coffrets - Boxes - Verschleißteilebox - Cajas - Kistjes - Estojes**

| MB 15 (150A)<br>041226 | MB 15 / MB 25 (250A)<br>037458   | MB 25 (250A)<br>041233                                | MB 36 (350A)<br>041417   | MB 501 (500A)<br>072381  |
|------------------------|--|---|--|--|
|                        |  |   |  |  |
| x3                     | x3   | x5  | x2   | x2   |
|                        | x5 (M6-Ø 0.8)<br>x5 (M6-Ø 1.0)<br>x5 (Alu - M6-Ø 0.8)                        |   |  |  |
| x5                     | x5 (M6-Ø 0.8)<br>x5 (M6-Ø 1.0)<br>x5 (Alu - M6-Ø 1.0)<br>x5 (Alu - M6-Ø 1.2) | x3  | x3   | x3   |
|                        | x5 (M6-Ø 0.6)<br>x5 (M6-Ø 0.8)<br>x5 (Alu - M6-Ø 0.8)                        |   |  |  |
| x3                     |  | x5 (M6-Ø 0.8)<br>x5 (M6-Ø 1.0)<br>x5 (Alu - M6-Ø 1.0) | x5 (M6-Ø 1.0)<br>x5 (M6-Ø 1.2)<br>x5 (Alu - M6-Ø 1.0)<br>x5 (Alu - M6-Ø 1.2) | x5 (M6-Ø 1.0)<br>x5 (M6-Ø 1.2)<br>x5 (Alu - M6-Ø 1.0)<br>x5 (Alu - M6-Ø 1.2) |
|                        |  |   |  |  |
|                        |  | x3  | x2   | x2   |


# BOBINES DE FIL - Welding wire reels - Massivdrahtspulen - Rollos de hilo- Draadbobijn - Bobines de fio

bobine écologique /  
ecological wire reel




| for                                    | kg                                  | 100mm         | 150mm  | EXCELLIUM |          |          |          |          |          | NORMES - Norms - Normen - Norma |          |        |    |     |  |  |  |  |  |
|--|-------------------------------------|---------------|--|-----------|----------|----------|----------|----------|----------|---------------------------------|----------|--------|----|-----|--|--|--|--|--|
|  |                                     |               |  | Ø 0.6 mm  | Ø 0.8 mm | Ø 0.9 mm | Ø 1.0 mm | Ø 1.2 mm | Ø 0.8 mm | Ø 1.0 mm                        | Ø 1.2 mm | AWS    | EN | DIN |  |  |  |  |  |
| Acier - Steel - Acero - Staal - Aço    | SG2                                 | 0.9           | 100 mm   | —         | 086593   | 086609   |          |          |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | 5             | 200 mm   | —         | 086111   | 086128   |          | 086135   |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | 15            | 300 mm   | —         | 086166   | 086227   |          | 086234   | 086241   |                                 | 086302   | 086319 |    |     |  |  |  |  |  |
|  | SG1                                 | 18            | —  | 300 mm    |          | 086272   |          | 086289   | 086296   |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | 5             | 200 mm   | —         | 086418   | 086401   |          |          |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | 15            | 300 mm   | —         |          | 086258   |          |          |          |                                 |          |        |    |     |  |  |  |  |  |
|  | Acier - Steel - Acero - Staal - Aço | UHSS          | 5  | 200 mm    | —        |          | 086203   |          |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     |               | Fil fourré, Cored wire, Fülldraht, Hilo tubular NO GAS | 0.9       | 100 mm   | —        | 086425   |          | 086104   |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     |               |  | 4.5       | 200 mm   | —        |          |          | 086265   | 086623                          | 086630   |        |    |     |  |  |  |  |  |
|  |                                     | 15            |  | 300 mm    | —        |          |          |          | 086388   | 086395                          |          |        |    |     |  |  |  |  |  |
| Rechargement Acier 60 HRC - Hardfacing |                                     | 16            | —  | 300 mm    |          |          |          |          |          | 086173                          |          |        |    |     |  |  |  |  |  |
|  |                                     | Galva (G2Ti)  | 5  | 200 mm    | —        | 086760   | 086777   |          |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     |               | CuSi3 HLE - UHTS (Boron Steel)                         | 1         | 100 mm   | —        |          | 086692   |          |                                 |          |        |    |     |  |  |  |  |  |
| 5                                      |                                     |               |  | 200 mm    | —        |          | 086647   |          | 086654   |                                 | 086210   |        |    |     |  |  |  |  |  |
| CuAl8 HLE - UHTS (Boron Steel)         |                                     | 5             |  | 200 mm    | —        |          | 086661   |          | 086197   |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | 15            | 300 mm   | —         |          |          |          | 086180   |          |                                 |          |        |    |     |  |  |  |  |  |
|  | Inox - Stainless steel - Edelstahl  | CrNi (308LSi) | 1  | 100 mm    | —        |          | 086616   |          |          |                                 |          |        |    |     |  |  |  |  |  |
| 5                                      |                                     |               | 200 mm   | —         |          | 086579   |          | 086340   |          |                                 |          |        |    |     |  |  |  |  |  |
| 15                                     |                                     |               | 300 mm   | —         |          |          |          | 086357   |          |                                 |          |        |    |     |  |  |  |  |  |
| CrNi (316LSi)                          |                                     | 5             | 200 mm   | —         |          | 086326   |          | 086364   |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | 15            | 300 mm   | —         |          |          |          | 086371   |          |                                 |          |        |    |     |  |  |  |  |  |
|  |                                     | Aluminium     | AlMg2.7Mn  | 2         | 200 mm   | —        |          |          |          |                                 | 086517   |        |    |     |  |  |  |  |  |
| 7                                      | 300 mm                              |               |  | —         |          |          |          |          | 086500   |                                 |          |        |    |     |  |  |  |  |  |
| 0.5                                    | 100 mm                              |               |  | —         |          | 086548   |          |          |          |                                 |          |        |    |     |  |  |  |  |  |
| AlMg5                                  | 2                                   |               | 200 mm   | —         |          | 086555   |          | 086562   |          |                                 |          |        |    |     |  |  |  |  |  |
|  | 7                                   |               | 300 mm   | —         |          |          |          | 086524   | 086531   |                                 |          |        |    |     |  |  |  |  |  |
|  | 7                                   |               | —  | 300 mm    |          |          |          |          |          |                                 | 086487   | 086494 |    |     |  |  |  |  |  |
| AlSi5                                  | 0.5                                 | 100 mm        | —  |           | 086685   |          |          |          |          |                                 |          |        |    |     |  |  |  |  |  |
|  | 2                                   | 200 mm        | —  |           |          |          | 086142   | 086159   |          |                                 |          |        |    |     |  |  |  |  |  |
|  | 0.5                                 | 100 mm        | —  |           | 086678   |          |          |          |          |                                 |          |        |    |     |  |  |  |  |  |
| AlSi12                                 | 2                                   | 200 mm        | —  |           | 077140   |          | 086067   | 086074   |          |                                 |          |        |    |     |  |  |  |  |  |
|  | 7                                   | 300 mm        | —  |           |          |          |          | 086043   |          |                                 |          |        |    |     |  |  |  |  |  |
|  | 2                                   | 200 mm        | —  |           |          |          |          | 073432   |          |                                 |          |        |    |     |  |  |  |  |  |
| AlSi10Cu4                              | 2                                   | 200 mm        | —  |           |          |          |          |          |          |                                 |          |        |    |     |  |  |  |  |  |

## ADAPTATEURS BOBINES - Adaptors for wire reels - Korbspulenadapter




**ALIGNER 200**  
Ø 200  
042889




**ECO ADAPTER 300**  
Intensive  
pour bobine écologique  
- for ecological wire reel  
- für Eco Fülldrahtrolle  
043305

**After sales**




Professional  
71608







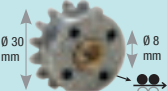

Industrial  
71613

Press & Lock



Guide fil - Guide Tube Kit  
Ø 0.6 > 1.6 061965  
Ø 1.8 > 2.8 061972

## GALETS - Rollers - Drahtführungsrollen - Rollen - Rodillos - Wielen - Roletes

|   | TYPE A  | TYPE B  | TYPE C  | TYPE D   | TYPE E  | TYPE F  |
|---|---|---|---|--|---|---|
|   |                                      |    |  |  |  |  |
|   | Smartmig 142/152/162/182/183, Monogys 200-4, EasyMIG 150/160/160XL/180-4XL, Multipearl 210-2, Multiweld 160/200/220/250 | Monogys 250-4/320-4, Trimig, Promig, TF-4R/4W, WWS5-4L, Multipearl 210-4 XL/211-4, Multiweld 320, Neopulse 220, Kronos, WF 35 | Magys 400-4, WS-4L/4R, Nomadfeed (down), Exafeed, Neopulse 300                      | Smartmig 110, EasyMIG 85/110/130/140   | Nomadfeed (UP)  | Neofeed, Neopulse 320C/400CW, Smartfeed, WF 50  |
| Acier - Steel - Stahl - Acero - Staal - Aço | Ø 0.6 / 0.8 x1 042339   | x1 042087 x2 042353   | x2 041738   | x1 039483  |   | x4 061859   |
| Inox - Stainless                            | Ø 0.8 / 1.0 x1 041189   | x1 042100 x2 042360   | x2 042094   |  | Ø 0.6 > 1.6 038561  | x4 061866   |
|   | Ø 1.0 / 1.2 x1 062221   | x1 042179 x2 046849   | x2 042117   |  |   | x4 061873   |
|   | Ø 1.2 / 1.4   |   | x2 039780   |  |   |   |
|   | Ø 1.2 / 1.6   |   | x2 042384   | x2 041752  |   |   |
| Alu   | Ø 0.8 / 1.0 x1 041196   | x1 042155 x2 042377   | x2 042148   | x1 039469  | x2 Ø 1.0 038578   | x4 061897   |
|   | Ø 1.0 / 1.2 x1 062214   | x1 042186 x2 040915   | x2 042162   |  | x2 Ø 1.2 038585   | x4 061903   |
|   | Ø 1.2 / 1.6   |   | x2 042391   | x2 041776  | x2 Ø 1.6 038592   | x4 061910   |
| Fil fourré - Cored wire                     | Ø 0.6 / 0.9 x1 068933   | x1 068940   |   | x1 068926  |   |   |
|   | Ø 0.8 (solid) / 0.9 (cored) x1 046856   |   |   | x1 039476  |   |   |
|   | Ø 0.9 / 1.0   |   |   | x1 044081  |   |   |
|   | Ø 0.9 / 1.2 x1 042346   | x1 042131   | x2 042407   | x2 042124  | x2 Ø 1.2 038608   | x4 Ø 0.9/1.1 061927   |
|   | Ø 1.2 / 1.4   |   |   | x4 047693  | x2 Ø 1.6 038615   | x4 Ø 1.2/1.6 061934   |
|   | Ø 1.2 / 1.6   |   |   | x2 038646  | x2 Ø 1.8 061750   | x4 Ø 1.4/2.0 061941   |
|   | Ø 1.6 / 2.0   |   |   | x2 037113  |   |   |
| Ø 1.6 / 2.4                                 |   |   | x4 040519   | x2 Ø 2.0 037106  | x4 Ø 1.6/2.4 061958   |   |
| Ø 1.8 / 2.0                                 |   |   | x2 061743   | x2 Ø 2.4 038622  |   |   |









# 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

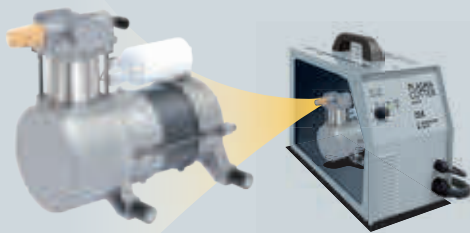
1~



Youtube

COMPRESSOR

COMPRESSOR INSIDE



AD

ANTI-DUST VENTILATION CORRIDOR



AIR FILTER



COMPRESSOR

Compressor inside

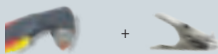
EASycut K25

230 V • 1 ~

25 A

Fe 8 mm  
Al/CrNi 6 mm

P400 COMPRESSOR



TPT 25, 4 m 068087 2 m, 10 mm<sup>2</sup>  
068063

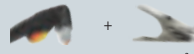
EASycut K35F

230 V • 1 ~

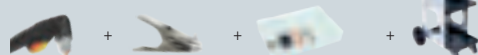
35 A

Fe 15 mm  
Al/CrNi 10 mm

P400 PFC AD COMPRESSOR



MT35K, 4 m 2 m, 10 mm<sup>2</sup>  
031036



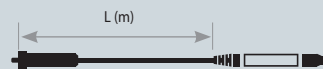
MT35K, 4 m 2 m, 10 mm<sup>2</sup> Box MT 35K 039964 UNIVERSAL 800 051331  
029804

OPTIONS



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 |             |



Consumables -  
Consommables

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



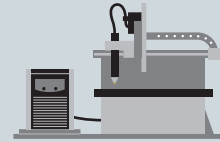
PLASMA

45 → 125 A

1 & 3 ~



CNC COMPUTER NUMERICAL CONTROL



DIGITAL (PRESSURE SENSOR)



DIGITAL (PRESSURE SENSOR)



110 → 230 V • 1 ~

CUTTER 45 CT

110 → 230 V • 1 ~

45 A

Fe 30 mm  
Al/CrNi 20 mm

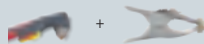
P400 PFC FV GRID CUT AD IP 23

Option CNC ANALOGIC



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

014787



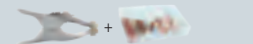
TPT 40, 4 m

013629



MT 70, 6 m

062962



Box 20-50A 061613

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

013841



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

+ Starter Kit 70A

Performances with torches "MT-AT"

| mm                     | 0.5 | 2 | 6 | 10 mm | 15 mm | 18 mm | 20 mm | 25 mm | 30 mm | 40 mm | 50 mm | 55 mm |
|------------------------|-----|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 45 A<br>Al/CrNi<br>Fe  |     |   |   |       |       |       |       |       |       |       |       |       |
| 70 A<br>Al/CrNi<br>Fe  |     |   |   |       |       |       |       |       |       |       |       |       |
| 85 A<br>Al/CrNi<br>Fe  |     |   |   |       |       |       |       |       |       |       |       |       |
| 105 A<br>Al/CrNi<br>Fe |     |   |   |       |       |       |       |       |       |       |       |       |
| 125 A<br>Al/CrNi<br>Fe |     |   |   |       |       |       |       |       |       |       |       |       |

60 mm



Piercing - Perçage



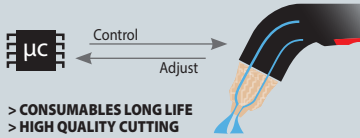
Clean Cut  
Coupe Propre



Max Cut  
(Severance)  
Coupe Max (Séparation)



### SYNERGIC PRESSURE CONTROL



> CONSUMABLES LONG LIFE  
> HIGH QUALITY CUTTING

### 6 modes :



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



SYNERGIC AIR Pressure

SYNERGIC AIR Pressure



#### NEOCUT 105

400 V • 3 ~

105 A

Fe 50 mm  
Al/CrNi 40 mm

GRID CUT Synergic 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>

063112

#### NEOCUT 125

400 V • 3 ~

125 A

Fe 57 mm  
Al/CrNi 55 mm

GRID CUT Synergic Pressure AD IP 23

MARKING GOUGING

Options CNC ANALOGIC CNC DIGITAL CNC RETROFIT DIGITAL



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

067431

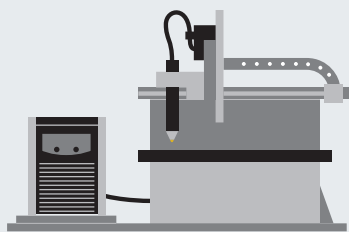


MT 125, 6 m 4 m, 25 mm<sup>2</sup>

067448

| CUTTER       | TPT 40<br>MT 70 | 50/60Hz | 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 |          |
|              |                 |         |    |                | Fe                      | Al/CrNi | Fe                     | Al/CrNi | Fe               | Al/CrNi |                       |         |         |                  |    |      |                           |       |       |                   |       |        |     |                                 |   |    |                       | 5        |
| CUTTER 45 CT | TPT 40          | 230V 1~ | 16 | 15 → 45        | 20                      | 15      | 15                     | 10      | 8                | 6       |                       |         |         |                  |    |      |                           | 5 bar | 7 bar | 5.2 bar           | 32 A  | 41 A   | 50% | 10/25 mm <sup>2</sup><br>Ø 9 mm | 48 x 37<br>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% |                                 |   |    |                       |          |
| CUTTER 70 CT | 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><br>Ø 9 mm | 52 x 40<br>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% |                                 |   |    |                       |          |
| NEOCUT 105   |                 | 400V 3~ | 32 | 20 → 105       | 50                      | 40      | 35                     | 30      | 20               | 18      |                       |         |         |                  |    |      |                           | 5     | 9     | 5.5 (305 L/min)   | 105 A | —      | 100 | 10/25 mm <sup>2</sup><br>Ø 9 mm | 58 x 52<br>x 30                                 | 33 | 30 kW                 | 36 kVA   |
| NEOCUT 125   |                 | 400V 3~ | 50 | 20 → 125       | 57                      | 55      | 40                     | 40      | 25               | 25      |                       |         |         |                  |    |      |                           | 5     | 9     | 5.5 (305 L/min)   | 125 A | —      | 100 |                                 |   |    |                       |          |

## COMPUTER NUMERICAL CONTROL



| Kit                        | Technology           | Image 1 | Image 2                      | Image 3 | 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)  
039728



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



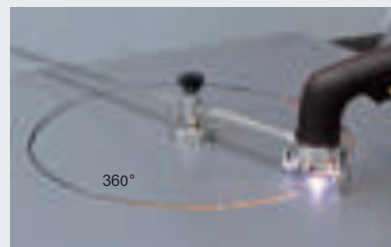
15  
Diable JOBSITE XL  
039568

| 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 |

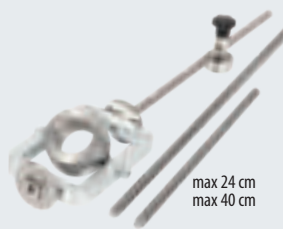


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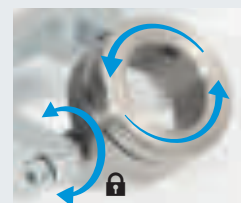
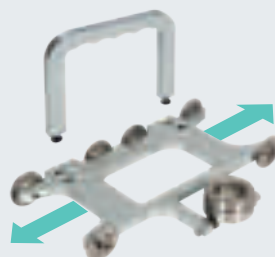


## GUIDING KIT - Kit de guidage

For MT 70, MT 125  
038653



max 24 cm  
max 40 cm



**CUTTER 45CT**

|                                      |                       |                         |                       |                       |                              |                   |              |              |                      |              |
|--------------------------------------|-----------------------|-------------------------|-----------------------|-----------------------|------------------------------|-------------------|--------------|--------------|----------------------|--------------|
|                                      | <br>8 mm<br><br>10 mm |                         | <br><b>MANUAL</b>     | <br><b>AUTO</b>       |                              |                   |              |              | <br>(Ohmic)          |              |
| <b>pack CUTTER 45CT M1</b><br>062962 | •                     | 2 m, 10 mm <sup>2</sup> | MT 70, 6 m<br>037502  |                       |                              | x1                | x1           | x1           | x1                   | x1           |
|                                      |                       |                         |                       |                       |                              | Starter kit       |              |              |                      |              |
| <b>pack CUTTER 45CT M2</b><br>062979 | •                     | 2 m, 10 mm <sup>2</sup> | MT 70, 12 m<br>037519 |                       |                              | x1                | x3           | x3           | x1                   | x1           |
|                                      |                       |                         |                       |                       |                              | Box 20-50A 061613 |              |              |                      |              |
| <b>pack CUTTER 45CT A</b><br>062986  | •                     | 2 m, 10 mm <sup>2</sup> |                       | AT 70, 12 m<br>037533 | CNC Kit 1 Analogic<br>039988 | x1<br>037557      | x5<br>037564 | x5<br>037571 | x1 (Ohmic)<br>037618 | x1<br>037649 |

**CUTTER 70CT**

|                                      |                       |                         |                       |                       |                              |                   |              |              |                      |              |
|--------------------------------------|-----------------------|-------------------------|-----------------------|-----------------------|------------------------------|-------------------|--------------|--------------|----------------------|--------------|
|                                      | <br>8 mm<br><br>10 mm |                         | <br><b>MANUAL</b>     | <br><b>AUTO</b>       |                              |                   |              |              | <br>(Ohmic)          |              |
| <b>pack CUTTER 70CT M1</b><br>013841 | •                     | 4 m, 10 mm <sup>2</sup> | MT 70, 6 m<br>037502  |                       |                              | x1                | x1           | x1           | x1                   | x1           |
|                                      |                       |                         |                       |                       |                              | Starter kit       |              |              |                      |              |
| <b>pack CUTTER 70CT M2</b><br>014589 | •                     | 4 m, 10 mm <sup>2</sup> | MT 70, 6 m<br>037502  |                       |                              | x1                | x3           | x3           | x1                   | x1           |
|                                      |                       |                         |                       |                       |                              | Box 20-70A 037540 |              |              |                      |              |
| <b>pack CUTTER 70CT M3</b><br>014596 | •                     | 4 m, 10 mm <sup>2</sup> | MT 70, 12 m<br>037519 |                       |                              | x1                | x3           | x3           | x1                   | x1           |
|                                      |                       |                         |                       |                       |                              | Box 20-70A 037540 |              |              |                      |              |
| <b>pack CUTTER 70CT A</b><br>014619  | •                     | 4 m, 10 mm <sup>2</sup> |                       | AT 70, 12 m<br>037533 | CNC Kit 1 Analogic<br>039988 | x1<br>037557      | x5<br>037564 | x5<br>037588 | x1 (Ohmic)<br>037618 | x1<br>037649 |

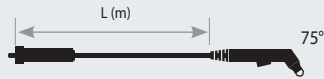
**NEOCUT 105**

|                                     |                       |                         |                             |                             |                              |                    |                       |              |                       |                       |                       |
|-------------------------------------|-----------------------|-------------------------|-----------------------------|-----------------------------|------------------------------|--------------------|-----------------------|--------------|-----------------------|-----------------------|-----------------------|
|                                     | <br>8 mm<br><br>10 mm |                         | <br><b>MANUAL</b>           | <br><b>AUTO</b>             |                              |                    |                       |              |                       | <br>(Ohmic)           |                       |
| <b>pack NEOCUT 105 M1</b><br>063112 | •                     | 4 m, 16 mm <sup>2</sup> | MT-125 NO HF 6 m<br>039506  |                             |                              |                    | x1                    | x1           | x1                    | x1                    | x1                    |
|                                     |                       |                         |                             |                             |                              | Starter kit        |                       |              |                       |                       |                       |
| <b>pack NEOCUT 105 M2</b><br>065871 | •                     | 4 m, 16 mm <sup>2</sup> | MT-125 NO HF 6 m<br>039506  |                             | 037717                       |                    | x1 (85A)<br>x1 (105A) | x3           | x3 (85A)<br>x3 (105A) | x1 (85A)<br>x1 (105A) | x1 (85A)<br>x1 (105A) |
|                                     |                       |                         |                             |                             |                              | Box 85/105A 064720 |                       |              |                       |                       |                       |
| <b>pack NEOCUT 105 M3</b><br>065888 | •                     | 4 m, 16 mm <sup>2</sup> | MT-125 NO HF 12 m<br>039513 |                             | 037717                       |                    | x1 (85A)<br>x1 (105A) | x3           | x3 (85A)<br>x3 (105A) | x1 (85A)<br>x1 (105A) | x1 (85A)<br>x1 (105A) |
|                                     |                       |                         |                             |                             |                              | Box 85/105A 064720 |                       |              |                       |                       |                       |
| <b>pack NEOCUT 105 A1</b><br>065895 | •                     | 4 m, 16 mm <sup>2</sup> |                             | AT-125 NO HF 12 m<br>039520 | CNC Kit 1 Analogic<br>039988 |                    | x1<br>039148          | x5<br>039155 | x5<br>039193          | x1 (Ohmic)<br>039445  | x1<br>039308          |
| <b>pack NEOCUT 105 A2</b><br>068186 | •                     | 4 m, 16 mm <sup>2</sup> |                             | AT-125 NO HF 12 m<br>039520 | CNC Kit 2 Digital<br>064737  |                    | x1<br>039148          | x5<br>039155 | x5<br>039193          | x1 (Ohmic)<br>039445  | x1<br>039308          |

**NEOCUT 125**

|                                     |                       |                         |                             |                 |                             |                              |              |              |                        |                      |              |
|-------------------------------------|-----------------------|-------------------------|-----------------------------|-----------------|-----------------------------|------------------------------|--------------|--------------|------------------------|----------------------|--------------|
|                                     | <br>8 mm<br><br>10 mm |                         | <br><b>MANUAL</b>           | <br><b>AUTO</b> |                             |                              |              |              |                        | <br>(Ohmic)          |              |
| <b>pack NEOCUT 125 M1</b><br>067448 | •                     | 4 m, 25 mm <sup>2</sup> | MT-125 NO HF 6 m<br>039506  |                 |                             |                              | x1           | x1           | x1                     | x1                   | x1           |
|                                     |                       |                         |                             |                 |                             | Starter kit                  |              |              |                        |                      |              |
| <b>pack NEOCUT 125 M2</b><br>068193 | •                     | 4 m, 25 mm <sup>2</sup> | MT-125 NO HF 6 m<br>039506  |                 | 037717                      |                              | x1           | x3           | x3 (105A)<br>x3 (125A) | x1                   | x1           |
|                                     |                       |                         |                             |                 |                             | Box 105/125A 039544          |              |              |                        |                      |              |
| <b>pack NEOCUT 125 M3</b><br>068209 | •                     | 4 m, 25 mm <sup>2</sup> | MT-125 NO HF 12 m<br>039513 |                 | 037717                      |                              | x1           | x3           | x3 (105A)<br>x3 (125A) | x1                   | x1           |
|                                     |                       |                         |                             |                 |                             | Box 105/125A 039544          |              |              |                        |                      |              |
| <b>pack NEOCUT 125 A1</b><br>068216 | 125A<br>60%           | •                       | 4 m, 25 mm <sup>2</sup>     |                 | AT-125 NO HF 12 m<br>039520 | CNC Kit 1 Analogic<br>039988 | x1<br>039148 | x5<br>039155 | x5<br>039209           | x1 (Ohmic)<br>039445 | x1<br>039308 |
| <b>pack NEOCUT 125 A2</b><br>068223 | 125A<br>60%           | •                       | 4 m, 25 mm <sup>2</sup>     |                 | AT-125 NO HF 12 m<br>039520 | CNC Kit 2 Digital<br>064737  | x1<br>039148 | x5<br>039155 | x5<br>039209           | x1 (Ohmic)<br>039445 | x1<br>039308 |
| <b>pack NEOCUT 125 A3</b><br>073463 | 125A<br>100%          | •                       | 4 m, 25 mm <sup>2</sup>     |                 | AT-160 NO HF 12 m<br>067486 | CNC Kit 1 Analogic<br>039988 | x1<br>067509 | x5<br>067493 | x5<br>067554           | x1 (Ohmic)<br>067585 | x1<br>067608 |
| <b>pack NEOCUT 125 A4</b><br>073470 | 125A<br>100%          | •                       | 4 m, 25 mm <sup>2</sup>     |                 | AT-160 NO HF 12 m<br>067486 | CNC Kit 2 Digital<br>064737  | x1<br>067509 | x5<br>067493 | x5<br>067554           | x1 (Ohmic)<br>067585 | x1<br>067608 |

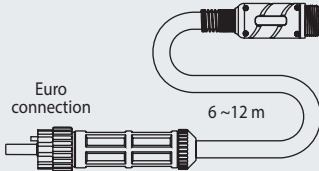
MANUAL - Hand-held torches



MT torches

|        | (60%)      | (100%) | L (m) | ref    |
|--------|------------|--------|-------|--------|
| MT-70  | 70 A (50%) | 50 A   | 6     | 037502 |
|        |            |        | 12    | 037519 |
| MT-125 | 125 A      | 105 A  | 6     | 039506 |
|        |            |        | 12    | 039513 |

EASYFIT ①+②



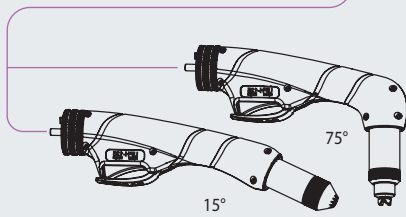
Easyfit cables

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



Easyfit long torches

|          | (60%) | (100%) | Angle | Body (cm) | ref    |
|----------|-------|--------|-------|-----------|--------|
| ② MT-125 | 125 A | 105 A  | 90°   | 80        | 074620 |
|          |       |        | 15°   | 80        | 074637 |
|          |       |        | 90°   | 130       | 074644 |
|          |       |        | 15°   | 130       | 074651 |



Easyfit torches

|         | (60%)      | (100%) | Angle | ref    |
|---------|------------|--------|-------|--------|
| ② MT-70 | 70 A (50%) | 50 A   | 75°   | 074583 |
|         |            |        | 15°   | 074590 |
| MT-125  | 125 A      | 105 A  | 75°   | 074606 |
|         |            |        | 15°   | 074613 |

STANDARD Consumables

| Consumables Cutting - Coupage |                    | Diffuseur - Diffuser - Swirl Ring (x1) | Electrode - Schneidelektrode (x5) | Tuyère - Tip - Düse (x5) | Buse - Nozzle - Schneiddüsenhalter (x1) | Patin - Shield (x1)       |
|-------------------------------|--------------------|--|-----------------------------------|--------------------------|---|---------------------------|
| MT-70                         | 20-50 A            | x1 x1                                  | x3 Short 037564                   | x3 x3 037571             | x1 x1                                   | x1 Short (20.4 mm) 037625 |
|                               | 70 A               |  | 037557                            | Long 067189              |   | Long (30.1 mm) 067219     |
| MT-125                        | 45 A Precision cut |  | x3 Short 037564                   | x3 037588                |   | x1 Short (20.4 mm) 037625 |
|                               | 45 A               |  | Long 067189                       | Long 067202              |   | Long (30.1 mm) 067219     |
|                               | 65 A               | x1 039131                              |                                   | 039315                   |   | 039322                    |
|                               | 85 A               | x1 039131                              | x3 039155                         | x3 039162                | x1 039216                               | x1 039230                 |
|                               | 105 A              | x1 039148                              |                                   | x3 039179                | x1 039223                               |                           |
|                               | 125 A              | x1 039148                              |                                   | x3 039186                | x1 039223                               | x1 039247                 |







| Consumables Gouging - Gougeage |         | Diffuseur - Diffuser - Swirl Ring (x1) | Electrode - Schneidelektrode (x5) | Tuyère - Tip - Düse (x5) | Buse - Nozzle - Schneiddüsenhalter (x1) | Patin - Shield (x1) |
|--------------------------------|---------|--|-----------------------------------|--------------------------|---|---------------------|
| MT-70                          | 70 A    | 037557                                 | 037564                            | 037595                   | 037601                                  | 037632              |
| MT-125                         | 65-85 A | 039131                                 |                                   | 039261                   | 039216                                  |                     |
|                                | 105 A   | 039148                                 | 039155                            | 039278                   | 039223                                  | 039254              |
|                                | 125 A   |  |                                   | 039285                   |   |                     |







Boxes - Coffrets

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

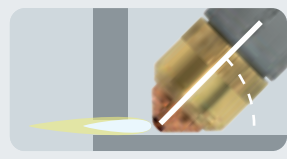


**DIFFICULT ACCESS Consumables**






| Consumables Cutting - Coupage |         |  x1 |  x3 |  |  x3 |  x5 |  |
|-------------------------------|---------|--|--|---|--|--|---|
| MT-70                         | 20-45 A | 037557   | 074682   | 074859  | 074897   | 074767   | 074910  |
|                               | 70 A    |  |  |   |  | 074774   |   |
| MT-125                        | 20-45 A | 039131   | 074699   | 074866  | 074897   | 074767   | 074910  |
|                               | 70 A    |  |  |   |  | 074774   |   |
|                               | 100 A   |  |  |   |  | 074781   |   |

| Consumables Gouging - Gougeage |       |  x1 |  x3 |  |  x3 |  x5 |  |
|--------------------------------|-------|--|--|---|--|--|---|
| MT-70                          | 70 A  | 037557   | 074682   | 074859  | 074897   | 074798   | 074927  |
| MT-125                         | 70 A  | 039131   | 074699   | 074866  | 074897   | 074798   | 074927  |
|                                | 100 A | 039148   |  |   |  | 074804   |   |

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



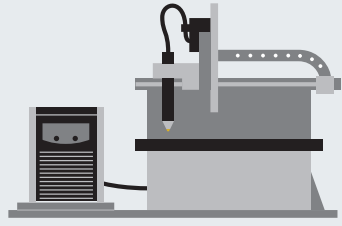
**FLAT CUTTING Consumables**

| Consumables Cutting - Coupage |          |  x2 |  x5 |  |  x5 |  x2 |
|-------------------------------|----------|--|--|---|--|--|
| MT-70                         | 40-70 A  | 074736   | 074705   | 074873  | 074811   | 074903   |
| MT-125                        | 40-70 A  | 074743   | 074712   | 074880  | 074828   | 074903   |
|                               | 80-125 A | 074750   | 039155   |   | 074835   |  |







**AUTOMATIC - Mechanized torches**



| AT torches | (60%)      | (100%) | L (m) | Body (mm)  | ref    |
|------------|------------|--------|-------|------------|--------|
| AT-70      | 70 A (50%) | 50 A   | 6     | "Mini" 127 | 071865 |
|            |            |        | 6     | 240        | 037526 |
|            |            |        | 12    | 240        | 037533 |
| AT-125     | 125 A      | 105 A  | 6     | 240        | 038479 |
|            |            |        | 12    | 240        | 039520 |
|            |            |        | 15    | 240        | 069787 |
|            |            |        | 20    | 240        | 069794 |
| AT-160     | 160 A      | 125 A  | 6     | 240        | 067479 |
|            |            |        | 12    | 240        | 067486 |
|            |            |        | 15    | 240        | 069800 |
|            |            |        | 20    | 240        | 069817 |



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

| Consumables Cutting - Coupage |                    |  x1 |  x5 |  x5 |  | or  |  |           |
|-------------------------------|--------------------|--|--|--|--|--|---|-----------|
| AT-70                         | 20-50 A            | 037557   | 037564   | 037571   | 037601   | or 037618  | 037649  |           |
|                               | 70 A               |  |  |  |  |  |   | 037588    |
| AT-125                        | 45 A Precision cut | 039131   | 039155   | 039315   | 039216   | or 039339  | 037496  |           |
|                               | 45 A               |  |  | 039162   |  |  | 039292  |           |
|                               | 65 A               |  |  | 039179   |  |  | 039223  | or 039445 |
|                               | 85 A               |  |  | 039186   |  |  |   |           |
|                               | 105 A              |  |  | 039193   |  |  |   |           |
|                               | 125 A              |  |  | 039209   |  |  |   |           |
| AT-160                        | 45 A Precision cut | 067509   | 067493   | 067516   | -  | 067578   | 076945  |           |
|                               | 45 A               |  |  | 067523   |  |  | 067592  |           |
|                               | 65 A               |  |  | 067530   |  |  | 067585  | 067608    |
|                               | 85 A               |  |  | 067547   |  |  |   |           |
|                               | 105/125 A          |  |  | 067554   |  |  |   |           |
|                               | 160 A              |  |  | 067561   |  |  |   |           |





# INDUCTION HEATING

1 200 · 22 000 W

POWERDUCTION

84

ACCESSORIES & CONSUMABLES

88



POWERDUCTION

# 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 enroulable - Flexible  
wrappable wire - Flexibel  
geflochtener draht



800 mm  
054813

Fil droit rigide - Straight rigid wire  
- Steif gerade draht



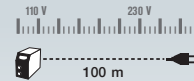
800 mm  
054868



1 m

### PFC POWER FACTOR CORRECTION

185 V ↔ 265 V



2 m

← included S90  
058927

### POWERDUCTION 10R

1 200 W

230 V • 1 ~

AIR

062504

068643

### POWERDUCTION 37LG

3 700 W

230 V • 1 ~

LIQUID

056992

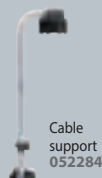
072510

### 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


**POWERDUCTION 39LG**
**3 700 W**

230V • 1~

PFC ❄️ LIQUID

058583

**POWERDUCTION 50LG**
**5 200 W**

230V • 1~

PFC ❄️ LIQUID

055599

| <br>MADE IN FRANCE       |                    |         |       | Freq. kHz | INTEGRATED TECHNOLOGY |     |                | Cable L (m) |   | Heating   |                          |            | <br>cm       | <br>kg | <br>Protected & compatible power generator (+/-15%) |
|--------------------------|--------------------|---------|-------|-----------|-----------------------|-----|----------------|-------------|---|-----------|--------------------------|------------|--------------|--------|---|
|                          |                    | A       | W     |           | P400                  | PFC | Liquid Cooling | Inductor    |   |           |                          |            |              |        |   |
| <b>POWERDUCTION 10R</b>  | 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  |
| <b>POWERDUCTION 37LG</b> | 230V, 1~, 50/60 Hz | 16 mini | 3 700 | 15→30     | —                     | —   | ■ 1.5 l        | 2           | 2 | M10 → 1 s | 2 mm → 5 s               | Ø10 → 15 s | 45 x 29 x 25 | 15     | 4 kW  |
| <b>POWERDUCTION 39LG</b> | 230V, 1~, 50/60 Hz | 16 mini | 3 700 | 20→60     | ■                     | ■   | ■ 7 l          | 6           | 3 | M12 → 1 s | 2 mm → 5 s               | Ø10 → 15 s | 53 x 70 x 37 | 39.5   | 4 kW  |
| <b>POWERDUCTION 50LG</b> | 230V, 1~, 50/60 Hz | 25 mini | 5 200 | 20→60     | ■                     | ■   | ■ 7 l          | 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



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



OPTIONS



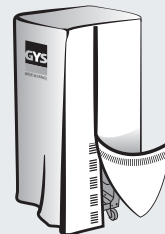
Poignée de lance  
- Removable handle -  
Abnehmbarer Griff  
for POWERDUCTION  
220 - 160 - 110 LG  
068599



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



included adapter  
32L + L20/B4  
064515 + 067882

included  
removable  
handle  
068599

6 m  
or  
10 m

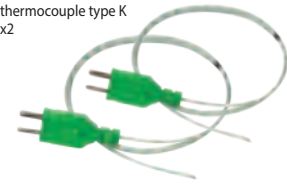
**t° POWER HEAT CONTROLLER**

**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



Youtube

**OPTION**


**Pyrometer IR**  
for inductor L90

1.1 m  
064119



**POWERDUCTION 220LG**

**22 000 W**

400V • 3~

**LIQUID**









066861

**POWERDUCTION 220LG 10M**  
074576

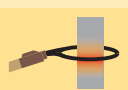




| MADE IN FRANCE                     |                        |         |        | Freq. | Liquid Cooling | Cable L (m) |          |           |                          |           |               |     | Protected & compatible power generator (+/-15%) |
|------------------------------------|------------------------|---------|--------|-------|----------------|-------------|----------|-----------|--------------------------|-----------|---------------|-----|---|
|                                    |                        | A       | W      |       |                | kHz         | Inductor |           |                          |           |               |     |   |
| <b>POWERDUCTION 110LG 400V</b>     | 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   |
| <b>POWERDUCTION 110LG 208-240V</b> | 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   |
| <b>POWERDUCTION 160LG 400V</b>     | 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   |
| <b>POWERDUCTION 160LG 208-240V</b> | 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   |
| <b>POWERDUCTION 220LG</b>          | 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   |
| <b>POWERDUCTION 220LG 10M</b>      |                        |         |        |       |                |             | 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**

|  |   |   |   |
|--|---|---|---|
|                   |  |  |  |
|  | ∠ 20°   | ∠ 90°   | ∠ 180°  |
| Ø 20   | S20/D20<br>078796   | S90/D20<br>078871   | S180/D20<br>069985  |
| Ø 25   | S20/D25<br>078802   | S90/D25<br>078888   | S180/D25<br>069992  |
| Ø 30   | S20/D30<br>078819   | S90/D30<br>078895   | S180/D30<br>070592  |
| Ø 35   | S20/D35<br>078826   | S90/D35<br>078901   | S180/D35<br>070608  |
| Ø 40   | S20/D40<br>078833   | S90/D40<br>078918   | S180/D40<br>070615  |
| Ø 45   | S20/D45<br>078840   | S90/D45<br>078925   | S180/D45<br>070622  |
| Ø 50   | S20/D50<br>078857   | S90/D50<br>078932   | S180/D50<br>070639  |
| Ø 55   | S20/D55<br>078864   | S90/D55<br>078949   | S180/D55<br>070646  |
| 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  |   |
| <b>Protection kit for L180/D inductors</b><br>- Kit de protection pour inducteurs boucle<br>077386 |   |   |   |
|                 |   |   |   |

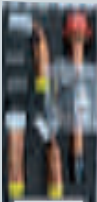


**NEW**

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

### ADAPTERS

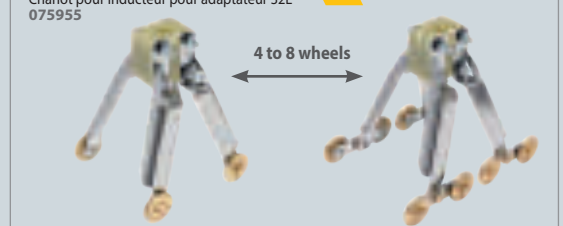
|                   |  |
|-------------------|--|
|                   | <br><b>28S</b><br>M28 Ø16<br>064485 |
|                   | <br><b>32S</b><br>M32 Ø16<br>064508 |
| 37 LG             | —  |
| 39 & 50 LG        | ✓ 28S M28 Ø16  |
| 110, 160 & 220 LG | ✓ 32S M32 Ø16  |

### Boxes - boîtes






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

### Trolley for inductor for adapter 32L

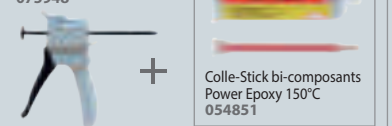
**NEW**



### Ferrites - Ferrites - Ferritaufsatz

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

### Glue kit for inductor





# LARGE Ø32

## INDUCTORS

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

**NEW**

|  |                           |                            |
|--|---------------------------|----------------------------|
|  |                           |                            |
| <b>L20/D60</b><br>078956   | <b>L90/D60</b><br>079106  | <b>L180/D60</b><br>069923  |
| <b>L20/D70</b><br>078963   | <b>L90/D70</b><br>079113  | <b>L180/D70</b><br>069930  |
| <b>L20/D80</b><br>078970   | <b>L90/D80</b><br>079120  | <b>L180/D80</b><br>069121  |
| <b>L20/D90</b><br>078987   | <b>L90/D90</b><br>079137  | <b>L180/D90</b><br>069947  |
| <b>L20/D100</b><br>078994  | <b>L90/D100</b><br>079144 | <b>L180/D100</b><br>069954 |
| <b>L20/D110</b><br>079007  | <b>L90/D110</b><br>079151 | <b>L180/D110</b><br>069961 |
| <b>L20/D120</b><br>079014  | <b>L90/D120</b><br>079168 | <b>L180/D120</b><br>069978 |
| <b>L20/D130</b><br>079021  | <b>L90/D130</b><br>079175 | —                          |
| <b>L20/D140</b><br>079038  | <b>L90/D140</b><br>079182 | —                          |
| <b>L20/D150</b><br>079045  | <b>L90/D150</b><br>079199 | —                          |
| <b>L20/D160</b><br>079052  | <b>L90/D160</b><br>079205 | —                          |
| <b>L20/D170</b><br>079069  | <b>L90/D170</b><br>079212 | —                          |
| <b>L20/D180</b><br>079076  | <b>L90/D180</b><br>079229 | —                          |
| <b>L20/D190</b><br>079083  | <b>L90/D190</b><br>079236 | —                          |
| <b>L20/D200</b><br>079090  | <b>L90/D200</b><br>079243 | —                          |
| <b>37 LG</b>   | —                         |                            |
| <b>39 &amp; 50 LG</b>  | ✓ with adapter 28L        |                            |
| <b>110, 160 &amp; 220 LG</b>   | ✓ with adapter 32L        |                            |
| <b>Protection kit for L180/D inductors</b><br>- Kit de protection pour inducteurs boucle<br>077386<br> |                           |                            |

**NEW**

|   |  |   |   |
|---|--|---|---|
|   |  |   |   |
| <b>L90 BRAZ 16</b><br>Ø 1/2" / 16 mm<br>076907  | <b>L90 BRAZ 28</b><br>Ø 1" / 28 mm<br>076921 | <b>L180 BRAZ 16</b><br>Ø 1/2" / 16 mm<br>076914 | <b>L180 BRAZ 28</b><br>Ø 1" / 28 mm<br>076938 |
| * = original equipment  |  |   |   |
| <b>37, 39 &amp; 50 LG</b>   | —  |   |   |
| <b>110, 160 &amp; 220 LG</b>  | ✓ with adapter 32L*                          |   |   |
| <b>Protection kit for BRAZ inductors</b><br>- Kit de protection pour inducteurs brasage<br>077515<br> |  |   |   |

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

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

**COMPLETE (Ø 28)**

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





# STUD WELDING

**GYSPOT ARCPULL**

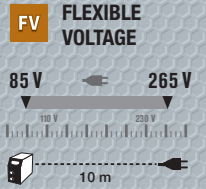
**92**

**ACCESSORIES & CONSUMABLES**

**94**



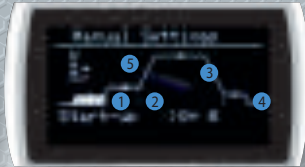
## STUD WELDING ALU + STEEL ALU + ACIER / STAHL



### SYNERGIC



### EXPERT Control



- ⌘ Anneaux - Rings - Zugösen
- ⌘ Goujons - Studs - Gewindebolzen
- ⌘ Tiges inox - Stainless steel nails - Edelstahlnägel

- ① Amorce - Start-up - Zündung
- ② Décapage - Scouring (l & t) - Abbeizen
- ③ Arc (l & t) - Arc - Lichtbogen
- ④ Accroche - Hitching (l & t) - Verklebung
- ⑤ Hauteur - Height - Höhe

### MANUAL

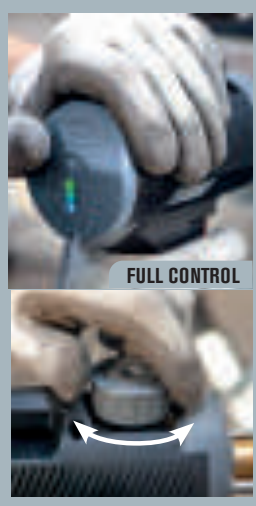
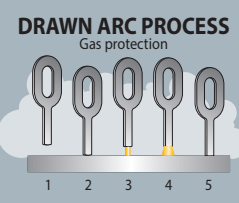


**7**  
languages  
FR, EN, DE, SP, IT,  
NL & RU



## SYNERGIC DIGITAL GUNS

★★★★★  
**UNIQUE**  
**Linear Motor**

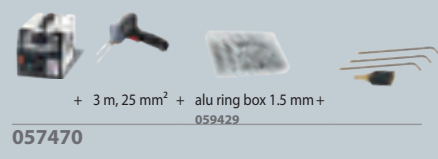


Consumables for Gun  
x2  
059627

**max**  
Alu/Fe:  
**6 mm**



**GYSPOT ARC PULL 200**  
110 > 230 V • 1 ~  
**200 A** **✎ x1 MANUAL**  
FV PFC SR AD



### OPTIONS



20L/min  
(FR) 041998  
(UK) 040274  
(NL) 040267  
(IT) 038691



30L/min  
(FR) 041622  
(UK) 041646  
(DE) 041219  
(NL) 041615  
(IT) 038707



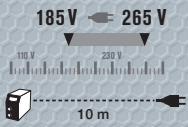
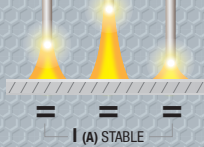
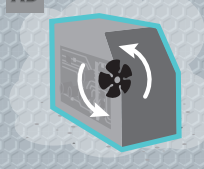
Double earth clamp  
for 200/350 070714  
for 700 068605



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



Weld 910  
for ARC PULL  
700  
**070967**

**PFC** POWER FACTOR CORRECTION

**SR** SECONDARY REGULATION

**AD** ANTI-DUST

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


Consumables for Gun

 x2  
059627

 $\varnothing$  max  
Alu/Fe :  
8 mm

 $\varnothing$  max  
Alu : 10 mm  
Fe : 13 mm

**GYSPOT ARC PULL 350**

208 · 240 V · 1 ~

**350 A** x1 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 · 480 V · 3 ~

**680 A** x1 MANUAL

**SR IP 23**

 + 3 m, 50 mm<sup>2</sup> + Double earth clamp + Complete stand ceramic ferrule Standard 700

068605 068322

062207

| <br>MADE IN FRANCE 60974-1 | <br>50/60 Hz         | <br>6 m | I <sub>2</sub><br>A                | SYNER-GIC |  |             |             | TECHNOLOGY              |  | U <sub>2</sub><br>V  | <br>A                    | kW | <br>OK | <br>OK            | <br>cm  | <br>ArcPull | <br>ArcPull + gun |
|----------------------------|----------------------|---------|------------------------------------|-----------|--|-------------|-------------|-------------------------|--|----------------------|--------------------------|----|--------|-------------------|---------|-------------|-------------------|
|                            |                      |         |                                    |           | Acier/Steel                            | Alu         | Consumables | Power Factor Correction | Flexible Voltage                       |                      |                          |    |        |                   |         |             |                   |
| <b>GYSPOT ARC PULL 200</b> | 110 · 230V           | 6 m     | 10 · 100 (110V)<br>10 · 200 (230V) | ■         | Manual +<br>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<br>x 33 | 8.6 kg  | 11.9 kg     |                   |
| <b>GYSPOT ARC PULL 350</b> | 208 · 240V           | 6 m     | 10 · 350                           | ■         | Manual +<br>Digital Gun Motion Control | 20 · 100 mm | ■           | —                       | 20.4 · 34V                             | 16                   | 1.1.9                    | OK | OK     | 23 x 31<br>x 28.4 | 11 kg   | 14.3 kg     |                   |
| <b>GYSPOT ARC PULL 700</b> | 3x 400 V<br>3x 480 V | 5 m     | 50 · 680                           | ■         | Manual +<br>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<br>x 41 | 17.4 kg | 20.4 kg     |                   |







# VALIDATION SET

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

**Caliweld LOAD 550A**  
060425



|         |                         |
|---------|-------------------------|
|         | 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  
- Blechdickmessgerät  
**0,6 > 8 mm**  
071414



Thermomètre infrarouge  
- Infrared 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

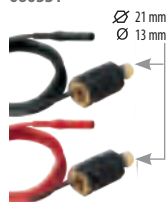




**GCU 1.0**  
060456

**Included connections**

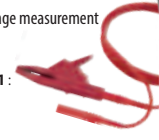
**VM1**  
Voltage measurement cables (2m)  
060531



**PC1**  
Power cable (2m)  
50 mm<sup>2</sup>  
Texas (M50.21)  
060593



**VM2** Voltage measurement cable (2m)  
060548



**VM2+VM1 :**  
Measurement MIG/MAG (U)

**DRC1**

Command cable DIN/DIN (2m)  
060579



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



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



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



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

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



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    |                 |       |    |
| 1 > 120 V (± 0.5%)     | 1 > 500 A (± 0.5%) | 1 > 30 m/min (± 1%) | 1 > 30 L/min (± 5%) | 85 > 265 V | 21 x 43 x 57 cm | 12 kg | 67 |

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



Tachymètre vitesse fil  
- Wire Speed Meter  
- Geschwindigkeitsmesser  
060517



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

**Packs Caliweld**

| <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)



5L  
062511

10L  
052246

Ø 10  
x1  
064324

Ø 10  
x1  
064331

x1  
064348  
Ø 6

| COOLING UNITS    | 50/60 Hz |    | W    | kg    | COMPATIBILITY |   |
|------------------|----------|----|------|-------|---------------|---|
|                  | V        | ~  |      |       |               |   |
| 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       | 400 V    | 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        | 400 V    | 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                            |

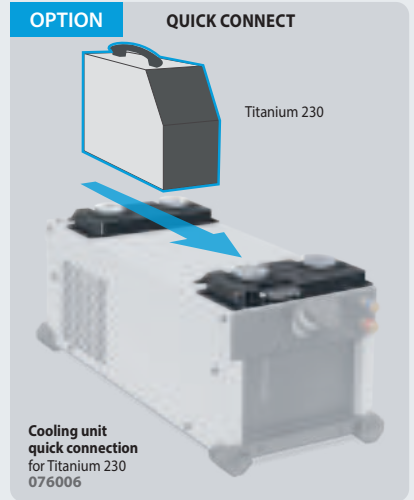
## GROUPES DÉDIÉS - Dedicated units



**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

for double wire feeder

GROUPES UNIVERSELS - Universal units

ON/OFF ✓



**MULTICOOL 500**

47 x 24 x 16 cm  
069206

ON/OFF ✓

COMMAND ✓



**MULTICOOL 1300**

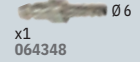
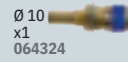
70 x 28 x 39 cm  
036628

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

Cooling liquid (not included)



5 L  
062511  
10 L  
052246



MMA  
TIG  
MIG

# HEAVY DUTY CASES

VALISE DE CHANTIER - HARTSCHALENKOFFER



interior :  
19 x 35 x 50  
(cm)

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

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

060432



IP67



interior :  
27 x 43 x 56  
(cm)

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**



MMA  
TIG  
MIG  
PLASMA  
INDUCTION

# TROLLEYS

CHARIOTS - FAHRWAGEN - CARROS



## 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   |   | ✓ | ✓ |

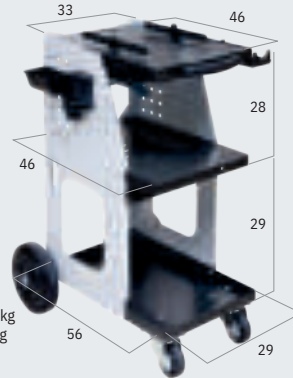
## PLASMA



**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 |   | ✓ |

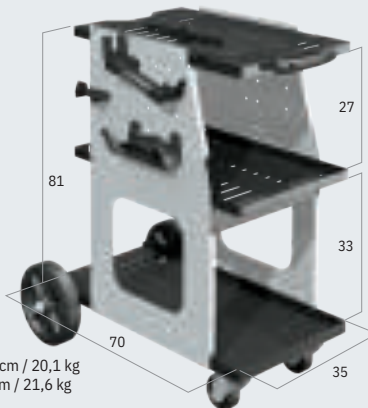
## 4M<sup>3</sup>



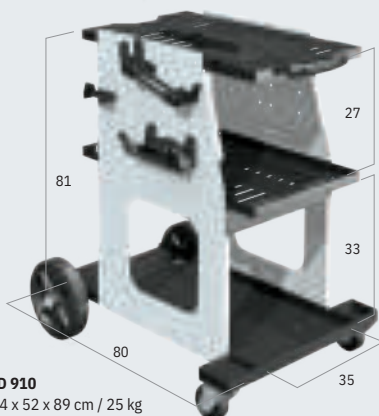
**6**  
**WELD 610**  
↕ 62 x 43 x 77 cm / 9,5 kg  
☞ 12 x 80 x 30 cm / 10,5 kg  
040281



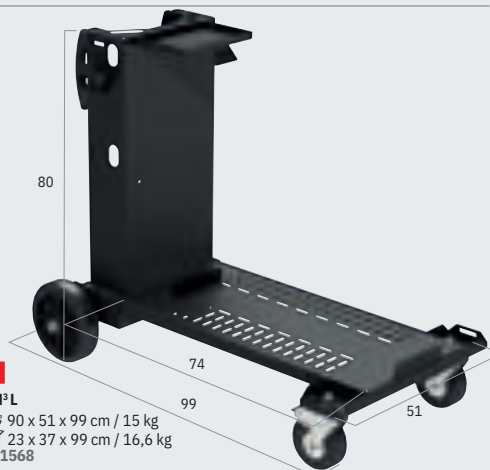
**7**  
**WELD 810**  
↕ 139 x 50 x 77 cm / 20,1 kg  
☞ 14 x 80 x 51 cm / 21,6 kg  
037489



**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



### 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      |   |   |   | ✓ |



OPTION

**10****Diable JOBSITE XL**

↕ 118 x 61 x 60 cm / 18,3 kg  
 📦 20 x 47 x 66 cm / 19,5 kg  
 039568

4 m³

**11****Diable 4m³**

↕ 106 x 46 x 50 cm / 15,7 kg  
 📦 36 x 43 x 73 cm / 16,4 kg  
 015678

10 m³

**12****Diable 10m³ XL**

↕ 118 x 61 x 61 cm / 19 kg  
 📦 29 x 80 x 53 cm / 19,5 kg  
 076341

## COMPATIBILITIES

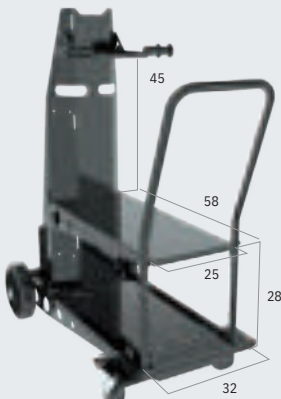
| MMA                 | 10 |
|---------------------|----|
| 400 TRI             | ✓  |
| PROGYS FLEX 280 CEL | ✓  |
| EXAGON 400          | ✓  |

| 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 | PLASMA       | 10 |
|---------------------|----|--------------|----|
| MULTEPEARL 210-2    | ✓  | EASYCUT K25  | ✓  |
| MULTEPEARL 210-4 XL | ✓  | EASYCUT K35F | ✓  |
| MULTIWELD T-C       | ✓  | CUTTER 70 CT | ✓  |
| EXAGON 400          | ✓  | NEOCUT 105   | ✓  |
| NEOPULSE 220 C      | ✓  | NEOCUT 125   | ✓  |
| NEOPULSE 220 C XL   | ✓  |              |    |
| NEOPULSE 320 C      | ✓  |              |    |



## 10 M³

**13****10m³-XL/TM1**

↕ 103 x 48 x 100 cm / 24,5 kg  
 📦 23 x 37 x 99 cm / 26,1 kg  
 041257

**14****10m³-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



## Fixation kit

📦 x2  
 064690

OPTION



Support EXATIG  
 03779

NEW

**16****10M³ L**

↕ 110 x 54 x 114 cm / 27,8 kg  
 📦 39 x 119 x 27 cm / 29,6 kg  
 075498

OPTION



Support EXATIG  
 03779

NEW

**17****10M³ 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 |
|------------------------------|----|----|----|----|
| MULTEPEARL 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

# MANUAL WELDING HELMETS SHADE 11

**Teinte initiale - Initial shade**

Shade 4 (Classic) vs Shade 3 (ULTRA CLEAR)

**Spectre de couleur - Spectrum view**

Classic vs TRUECOLOR

**Capteurs sensibles - Sensitivity sensors**

Classic vs HIGH SENSIBILITY

Sensors x2 vs Sensors x4

**Classification EN379 - X=/X=/X=/X=**

1/1/1/1 = PERFECT QUALITY

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

**Serre-tête - Headgear**

Simple Multi MULTI PRO MULTI PREMIUM

Comfortable back

Cuir  
Leather  
Leder

Masque pliable  
- Foldable mask  
- Faltbare Leder-  
Schutzmaske  
064201

Verres - Lenses -  
Schutzläser  
042605

HAND MASK 11  
042209

GRIND

Manual  
FLIP FLAP 0/11  
042513

|                        | 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<br>light<br>alloys |               |    | 10  | 11  | 12  | 13  | 14  |     |     |     |     |     |     |     |     |
| PLASMA                 |               | 9  | 10  | 11  | 13  |     |     |     |     |     |     |     |     |     |     |

# 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



PANORAMIC

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

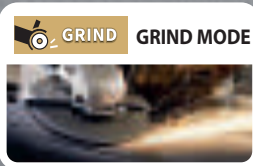


LCD INVADER 11  
TRUECOLOR  
062252

◀ 100 x 49 mm | □→■ 0.5 ms

TRUECOLOR

# WELDING HELMETS 9-13



◀ 98 x 43 mm

□→■ 0.3 ms



HERMÈS SILVER  
040908

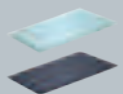


HERMÈS RED  
040885



HERMÈS GOLD  
040892

VERRES  
-Lenses  
-Schutzgläser



|  |              |        |                 |        | TRUECOLOR                | □→■         | □→■ | □→■     |         |          |           |   |   |                 | MASK BRAND |       |        |
|--|--------------|--------|-----------------|--------|--------------------------|-------------|-----|---------|---------|----------|-----------|---|---|-----------------|------------|-------|--------|
|  | 105x50 (x50) | 042629 | 105x50 (x50)    | 042643 | HANDMASK 11              | 11          | —   | —       | —       | 92x36 mm | ■         | — | — | —               | 400 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 | 103.6 x 54 (x5) | 040809 | HERMES                   | 4 - 9>13    | —   | 0.30 ms | 0.10>1s | 1/1/1/3  | 98x43 mm  | ■ | — | ☀ + 2 (CR 2032) | Simple     | 520 g | Toolit |

WELDING HELMETS

9-13



◀ 98 x 43 mm

☐→■ 0.3 ms



**EXPERT 9/13G  
CARBON**  
040878



**EXPERT 9/13G**  
042216



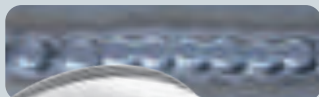
◀ 92 x 42 mm

☐→■ 0.1 ms



**LCD TECHNO 9/13**  
065048

IDEAL



**LCD FIREMAN 9-13  
TRUECOLOR**  
062269

◀ 100 x 49 mm | ☐→■ 0.1 ms



**LCD GYSMATIC 9/13 G  
TRUECOLOR**  
043909

◀ 100 x 60 mm | ☐→■ 0.08 ms



**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

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

070844  
(x 1) for  
Gysmatic 5/13 Air XXL



x2



Loupe  
- Magnifying  
glass (x1)

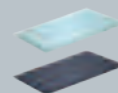


zoom x2  
042780



zoom x3  
064140

**VERRES  
- Lenses  
- Schutzgläser**



111x91 (x5) 063723

110x90 (x5) 040816

226 x 106 (x5) 045781

114x133 (x10) 043893

110x90 (x5) 040816

226x106 (x5) 045781

114 x 133 (x10) 043893





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



100 x 67 mm

0.1 ms

GRIND 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

|                    |        |                               | TRUE COLOR |   |         | DELAY |              |         |                    |                |   |   |                 |               | MASK BRAND |        |
|--------------------|--------|-------------------------------|------------|---|---------|-------|--------------|---------|--------------------|----------------|---|---|-----------------|---------------|------------|--------|
| 103.6 x 54 (x5)    | 040809 | EXPERT 9/13 G                 | 4-9>13     | — | 0.30 ms | —     | 0.10>1s      | 1/1/1/3 | 2                  | 98x43 mm       | ■ | — | ☀ + 2 (CR 2032) | Simple        | 540 g      | Toolit |
| 95.5 x 50.5 (x5)   | 040854 | LCD TECHNO 9/13               | 4-9>13     | ■ | 0.10 ms | —     | 0.10>0.8s    | 1/2/1/1 | 2                  | 92x42 mm       | — | — | ☀               | Simple        | 440 g      | Gys    |
| 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    |
| 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 | ■ | ✓ | ☀ + 2 (CR 2450) | Simple        | 580 g      | Gys    |
| 95.5 x 50.5 (x5)   | 040854 | LCD VENUS 9/13 G TRUECOLOR    | 3-9>13     | ■ | 0.10 ms | —     | 0.10>0.8s    | 1/1/1/2 | 2                  | 92x42 mm       | ■ | — | ☀               | Multi         | 480 g      | Gys    |
| 103.6 x 54 (x5)    | 077621 | PROMAX 9/13 G                 | 4-5>9/9>13 | ■ | 0.10 ms | —     | 0.10>0.8s    | 1/1/1/2 | 2                  | 100x49 mm      | ■ | — | ☀               | Multi Premium | 560 g      | Gys    |
| 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



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



Multi  
Premium

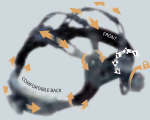


◀ 100 x 67 mm + ◻→■ 0.1 ms ⚙️ GRIND ☀️+🔋

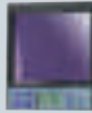
(10 01) (10 02) x4 + ULTRA CLEAR 3 + CLASS 1/1/1/1 TRUECOLOR

◀ 100 x 90 mm + ◻→■ 0.1 ms ⚙️ GRIND ☀️+🔋

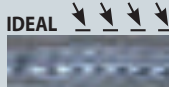
(10 01) (10 02) x4 + ULTRA CLEAR 3 + CLASS 1/1/1/1 TRUECOLOR



MULTI  
PRO



DIGITAL  
MEMORY &  
ELECTRONIC  
CONTROL



IDEAL



GYSMATIC XL  
TRUECOLOR  
037908



GYSMATIC XXL  
TRUECOLOR  
037236

◀ 100 x 60 mm | ◻→■ 0.08 ms

⚙️ GRIND ☀️+🔋 (10 01) (10 02) x4

CLASS 1/1/1/1 TRUECOLOR

◀ 100 x 83 mm | ◻→■ 0.1 ms

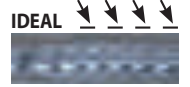
⚙️ GRIND ☀️+🔋 (10 01) (10 02) x4

CLASS 1/1/1/1 DIGITAL TRUECOLOR

GYSMATIC 5/13 AIR XXL  
TRUECOLOR

047846

☎️: 028852



IDEAL



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

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  
(x 1) for  
Gysmatic 5/13 Air XXL



Loupe  
- Magnifying  
glass (x1)

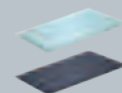


zoom x2  
042780



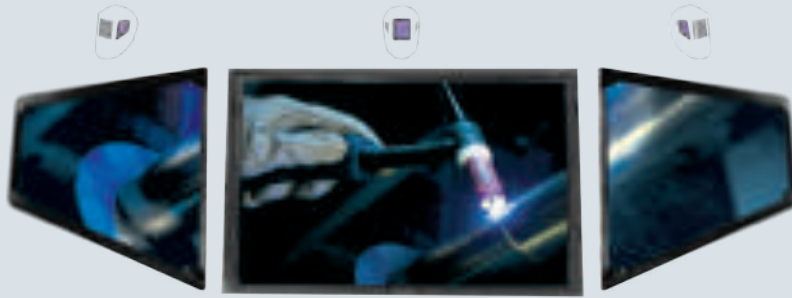
zoom x3  
064140

VERRES  
- Lenses  
- Schutzgläser



|                 |        |                   |        |
|-----------------|--------|-------------------|--------|
|                 |        |                   |        |
| 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5) | 077102 |
| 114 x 133 (x10) | 043893 | 104 x 96 (x5)     | 043596 |
| 110 x 90 (x5)   | 040816 | 106 x 66 (x10)    | 043886 |
| 114 x 133 (x10) | 043893 | 106 x 89,5 (x10)  | 046825 |
| 114 x 133 (x10) | 043893 | 103.7 x 69.5 (x5) | 077102 |
| 390 x 150 (x3)  | 037311 | special kit (x1)  | 037304 |

PANORAMIC VIEW



APOLLO+ 5-9/9-13 G  
TRUECOLOR

Fixed DIN 5

☐→■ DIN 3 > 5/13 Adjustable

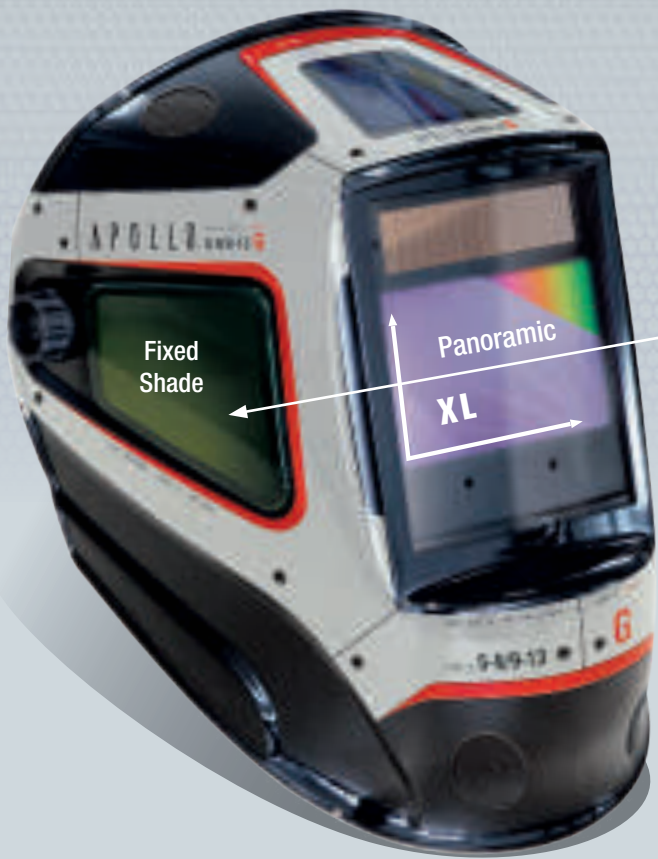
Fixed DIN 5

PANORAMIC 3XL  
TRUECOLOR

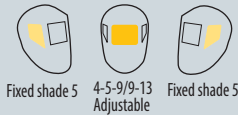
☐→■ DIN 3 > 10

☐→■ DIN 3 > 4/12 Adjustable

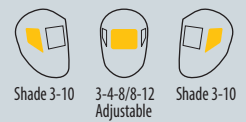
☐→■ DIN 3 > 10



APOLLO+ 5-9/9-13 G  
TRUECOLOR  
068681



PANORAMIC 3XL  
TRUECOLOR  
037281



◀ 100 x 67 mm + ☐→■ 0.1 ms



◀ 114 x 85 mm | ☐→■ 0.15 ms



|                                 | TRUE COLOR           | ☐→■ | ☐→■ HF  | ■→☐ DELAY | ↻            | )))     | ◀                  | 🔍                            | ⚡               | 🧠             | MASK BRAND |
|---------------------------------|----------------------|-----|---------|-----------|--------------|---------|--------------------|------------------------------|-----------------|---------------|------------|
| ERGOTECH +                      | 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  |
| ALIEN + XXL TRUECOLOR           | 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  |
| GYSMATIC XL TRUECOLOR           | 4-5>9/9>13           | ■   | 0.08 ms | ✓         | 0.1 > 0.9s   | 1/1/1/1 | 4 HIGH SENSITIVITY | XL: 100x60 mm                | ☀ + 2 (CR 2450) | Simple        | 540 g Gys  |
| GYSMATIC 5/13 AIR XXL TRUECOLOR | 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  |
| GYSMATIC XXL TRUECOLOR          |                      |     |         |           |              |         |                    |                              |                 | Multi Pro     |            |
| APOLLO+ 5-9/9-13 G              | 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  |
| PANORAMIC 3XL TRUECOLOR         | 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



x 2  
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/IR0  
042810



Shade/IR5  
(not for welding)  
042841



Shade/IR0  
047778



Shade/IR0  
042827



Shade/IR0  
047792



Shade/IR0  
042865



Shade/IR0  
047839

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



-23dB



adjustable  
Ø 55>62 cm

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

**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 |  <p><b>BASIC</b><br/>Gants PRO TIG - T10<br/>045194</p> <p>EN388 2122<br/>EN 407 422X4X<br/>EN12477<br/>Class : B</p> |  <p><b>PRO</b><br/>Gants PRO TIG EXTRA - T10<br/>045323</p> <p>EN388 2011XX<br/>EN 407 41313X<br/>EN12477-B<br/>EN 420</p>                   |  <p><b>EXPERT</b><br/>Gants de soudage renforcés - Reinforced welding gloves<br/>T9: 064164 T9.5: 064171</p> <p>EN388 2011XX<br/>EN 12477 TYPE B<br/>EN 407 412X4X<br/>EN12477<br/>Class : B</p> |
|     | MMA - MIG/MAG  |  <p><b>BASIC</b><br/>Heavy Duty - T10<br/>(MMA - MIG - Plasma)<br/>045101</p> <p>EN388 4244<br/>EN 407 423X4X<br/>EN12477<br/>Class : A1</p> |  <p><b>PRO</b><br/>Gants de soudage renforcés - T10<br/>- Reinforced welding gloves<br/>045873</p> <p>EN388 4244<br/>EN 407 423X4X<br/>EN12477<br/>Class : A1</p>                                 |

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

|  |  |   |   |
|--|--|---|---|
|  <p>Anti coupeur<br/>- Anti-cut<br/>T9<br/>045897</p> <p>EN388 4342</p> |  <p>✓ écran tactile<br/>- touch screen friendly</p> <p>Anti coupeur<br/>haute résistance<br/>High resistance anti-cut<br/>EN 420<br/>EN 388:4121<br/>T9: 045910<br/>T10: 045927</p> |  <p>Anti coupeur<br/>haute dextérité<br/>- High dexterity anti-cut<br/>EN 420<br/>EN 388:1121<br/>T9: 045903<br/>T10: 045934</p> |  <p>T10<br/>064188</p> <p>EN420 2003 +A1</p> <p>EN388 2011 X</p> <p>Ultra Flexible</p> <p>Cuir Leather Leder</p> |
|--|--|---|---|

**SHOES - Chaussures**

0% metal

EN ISO 20345  
S3 HI HRO SRC



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

**JACKETS - Vestes - Jacke**

EN ISO 11611  
Class 2-A1



Cuir Leather Leder

XL (52/54)  
037663

IEC 61482-2 Class 1-4kA  
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**



Cuir Leather Leder

EN ISO 11611  
Class 2-A1

045200



Cuir Leather Leder

045217

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



Cuir Leather Leder

450 mm

x2

045231



Cuir Leather Leder

400 mm

x2

037670

**TROUSER - Pantalon - Hose**



EN ISO 11612 A1+A2-B1-C1-E3-F1  
EN ISO 11611 Class 2-A1 & A2  
IEC 61482-2 Class 1-4kA  
EN 1149-5  
EN 14404 +A1 Type 2

98% cotton, 2% antistatic

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

## 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

(x2)  
052291



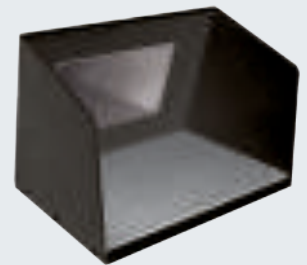
## WELDING CURTAIN AND FRAME - écrans de protection - Schweißerschutzwand

ISO 25980 / EN 1598 / AWSF2.3M:2011



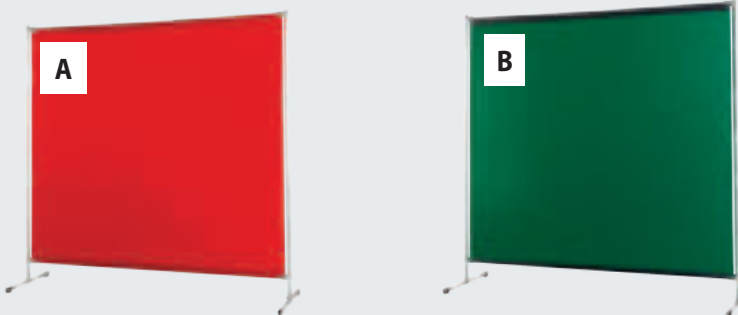
|      | OPTI ROLL                  | OPTI STRIPS (PRE-DRILLED) | OPTI 140.0 |
|------|----------------------------|---------------------------|------------|
| ↔ cm | 30 x 5000                  | 30 x 180 (x8)             | 160 x 140  |
| ↕ mm | 2                          | 2                        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

## WELDING BOOTH - Cabine de soudage - Schweißstand

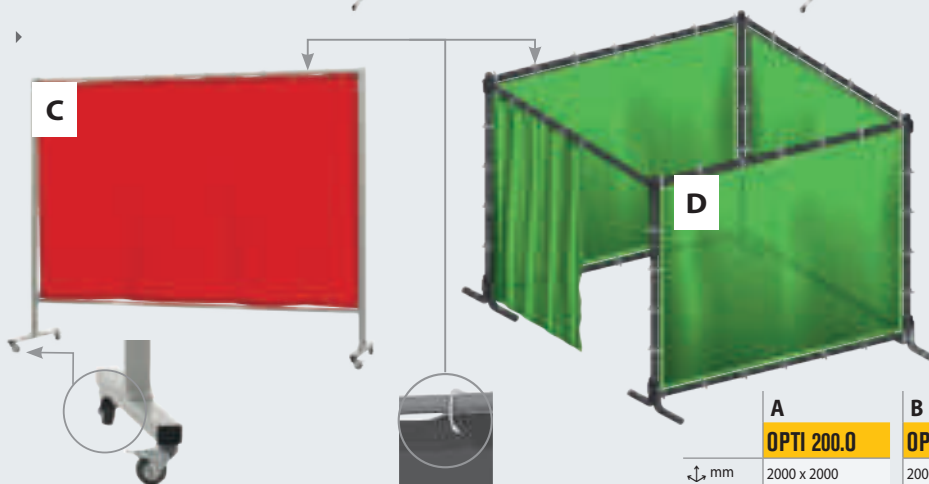


Compact  
↕ 400 x 400 x 500 mm  
060173

### 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 m<sup>3</sup>/h max

- arm 3 m
- no plug
- 100 kg
- extraction 0.5 m/s

061545



Ø 150 mm

### EVO 2.1 RE

- 230V 1 ~
- 50 Hz
- 1 100 W
- 1 200 m<sup>3</sup>/h max
- **occasionnal**
- arm 3 m
- included
- 85 kg

061552

 Breveté  
-Patented


Ø 150 mm

792 mm

347 mm

### EVO 2.2

- 230V 1 ~
- 50 Hz
- 1 100 W
- 1 100 m<sup>3</sup>/h max
- **occasionnal**
- arm 3 m
- included
- 85 kg

073814



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

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

062139



Included

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

046498

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        |
|                              | Ø0.8       | Ø1.0       | Ø1.2       | Ø1.2      |
| X % 40°C - ArCo <sub>2</sub> | 150A - 60% | 200A - 60% | 290A - 60% | 380A-100% |
| GRIP                         | GRIP       | GRIP       | GRIP       | GRIP      |
| L                            | 3m         | 3m         | 4m         | 4m        |
| Ref.                         | 043251     | 040540     | 040557     | 040564    |



### Pour torches aspirantes - for fume Extraction Torches

073715

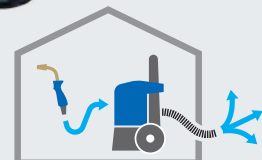


- 230V / 1 ~, 1100 W
- 230 m<sup>3</sup>/h max
- 190 mbar max
- 25 kg, 590 x 425 x 825 mm
- 76 db
- Système de nettoyage automatique du filtre - Filter auto cleaning system - Automatische Filterabreinigung

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<br>& 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 |



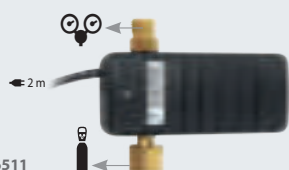
Pressure-flowmeters are country-specific:  
see datasheets at www.gys.fr

**GAS PREHEATER**  
- Préchauffeur de gaz  
- Gasvorwärmer



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

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



**GAS CONNECTOR**  
- Raccords Gaz - Gasanschlüsse



x2  
045712

x1  
046245

Ø 8  
Ø 7



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

**WIRE BRUSHES** - Brosses - Bürsten - Brosses - Cepillos



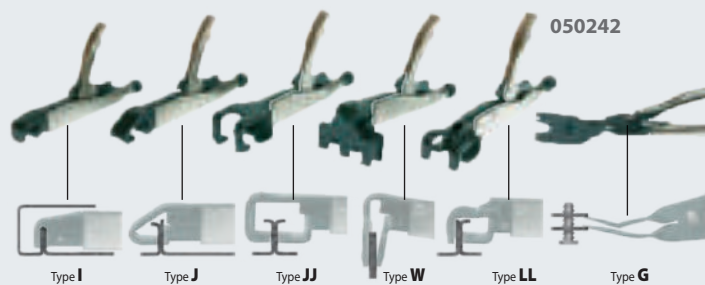
|   |  |   | Acier - Steel - Stahl - Acero - Staal - Aço    | Inox - Stainless - Edelstahl |
|---|--|---|--|------------------------------|
| A |  | 4 | (x1) 044241<br>(x24) 044265                    | (x1) 044258<br>(x24) 044272  |
| B |  | 3 | (x1) 044227                                    | (x1) 044289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

**SPECIAL WELDING MAGNET** - Positionneurs magnétiques - Imán especial para soldadura - Magnetische Positionierer



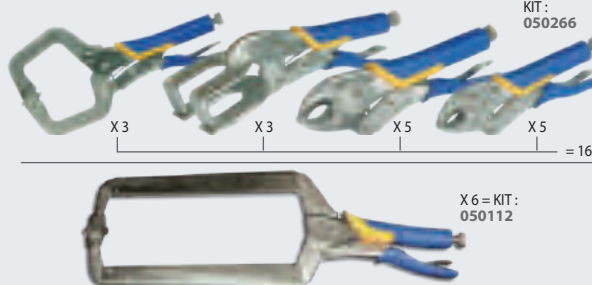
|      | MAGNETIC P15.90 | MAGNETIC P16.90 | MAGNETIC P19.90 | MAGNETIC P20.180     | MAGNETIC D30.90   | MAGNETIC D50.90 DUAL | MAGNETIC D50.90 | MAGNETIC D70.90M | MAGNETIC D70.120M    | MAGNETIC D70.135M |
|------|-----------------|-----------------|-----------------|----------------------|-------------------|----------------------|-----------------|------------------|----------------------|-------------------|
|      | Classic         |                 |                 |                      | Switchable ON/OFF |                      |                 |                  |                      |                   |
|      | 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

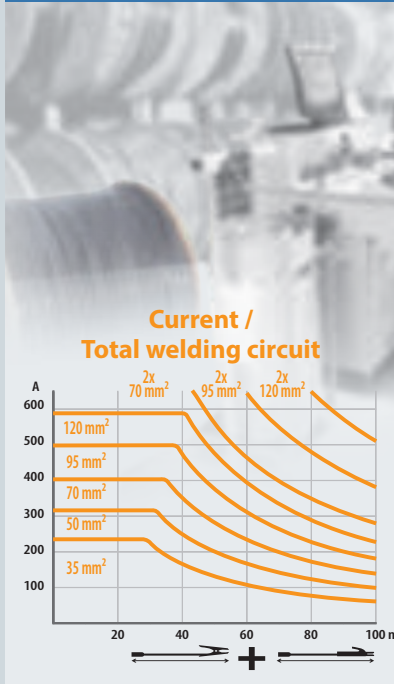
**LOCK-GRIP PLIERS** - Pinces étou mono serrage



KIT:  
050266

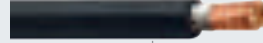
X3 X3 X5 X5 = 16

X 6 = KIT:  
050112



**Welding Cable - Schweißkabel**

EN 60245-6  
H01N2-D  
(Caoutchouc - Rubber)



| ⊗                  | ↔ L   | Ref.   | EN 60974-9 |         |
|--------------------|-------|--------|------------|---------|
|                    |       |        | A (60%)    | A (35%) |
| 16 mm <sup>2</sup> | ↔ x m | 046207 | 121        | 131     |
|                    | 100 m | 046252 |            |         |
| 25 mm <sup>2</sup> | ↔ x m | 046306 | 165        | 185     |
|                    | 5 m   | 045408 |            |         |
|                    | 100 m | 046603 |            |         |
| 35 mm <sup>2</sup> | ↔ x m | 046405 | 211        | 243     |
|                    | 100 m | 046702 |            |         |
| 50 mm <sup>2</sup> | ↔ x m | 046757 | 275        | 323     |
|                    | 100 m | 046801 |            |         |
| 70 mm <sup>2</sup> | ↔ x m | 046832 | 351        | 419     |
|                    | 500 m | 036680 |            |         |
| 95 mm <sup>2</sup> | ↔ x m | 046863 | 433        | 527     |
|                    | 300 m | 036697 |            |         |

**High Flexibility Electrical Cable**

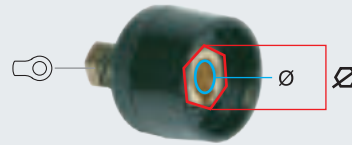


| ⊗                  | ↔ L   | Ref.   | Ref.   | A (60%) | A (35%) |
|--------------------|-------|--------|--------|---------|---------|
|                    |       |        |        |         |         |
|                    | 20 m  | 056107 | 056091 |         |         |
| 16 mm <sup>2</sup> | 100 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  | 056169 | 056152 |         |         |
| 50 mm <sup>2</sup> | 100 m | 054967 | 054950 | 273     | 320     |
|                    | 20 m  | 056183 | 056176 |         |         |
| 70 mm <sup>2</sup> | 50 m  | —      | 056565 | 310     | 380     |

**CABLE LUGS - Cosses - Kabelschuhe - Terminal - Kabelschoen - Terminal**

| ⊗ max               | ⊗   | ⊗    | Ref.   |
|---------------------|-----|------|--------|
| 10 mm <sup>2</sup>  | M5  | x100 | 047501 |
| 16 mm <sup>2</sup>  | M5  | x100 | 047518 |
| 25 mm <sup>2</sup>  | M5  | x100 | 047525 |
| 35 mm <sup>2</sup>  | M6  | x100 | 047532 |
| 50 mm <sup>2</sup>  | M10 | x100 | 047549 |
| 70 mm <sup>2</sup>  | M10 | x100 | 047556 |
| 95 mm <sup>2</sup>  | M10 | x50  | 047570 |
| 16 mm <sup>2</sup>  | M10 | x10  | 038219 |
| 25 mm <sup>2</sup>  | M10 | x10  | 038226 |
| 35 mm <sup>2</sup>  | M14 | x10  | 038233 |
| 50 mm <sup>2</sup>  | M14 | x10  | 038240 |
| 75 mm <sup>2</sup>  | M16 | x10  | 038257 |
| 125 mm <sup>2</sup> | M15 | x5   | 038264 |

**DINZE SOCKETS - Douilles Texas - Anschlussbuchse**



|          | I A max | ⊗ mm | ⊗ mm <sup>2</sup> | ⊗ mm | ⊗ mm | ⊗   | Compatibility      | ⊗    | Ref.   |
|----------|---------|------|-------------------|------|------|-----|--------------------|------|--------|
| DF 25.14 | 200     | 32   | 10/25             | 14   | 9    | M8  | CM25.14            | x 20 | 045644 |
| DF 70.21 | 400     | 49   | 35/70             | 21   | 13   | M10 | CM 50.21, CM 70.21 | x 10 | 045637 |
| DF 95.24 | 500     | 38   | 70/95             | 24   | 13   | M12 | CM 95.24           | x 5  | 045743 |

**ADAPTATORS - Adaptateurs Texas - Adapter mit Messfunktion**

| AMF 25/50  | AMF 50/25  | CDFM 95/95   |
|--|--|--|
| Adaptateur mâle/femelle - Male/female adaptor 038110 | Adaptateur mâle/femelle - Male/female adaptor 038127 | Connecteur mâle/double femelles - Male/double female adaptor 95 mm <sup>2</sup> 038134 |
|  |  |  |
| 300A @ 35%   | 200A @ 60%   | 300A @ 35%   |
|  |  | 200A @ 60%   |
|  |  | 400A @ 35%   |
|  |  | 300A @ 60%   |

**DINZE VOLTAGE MEASURING CABLE - Texas mesure de tension - Spannungsmessleitung**



**DINZE CONNECTORS - Connecteurs Texas - Stecker - Conectores - Schakelears - Conectores**

|           | I A max | ⊗ mm <sup>2</sup> | ⊗ mm | ⊗ mm | Compatibility                | ⊗   | Ref.   |
|-----------|---------|-------------------|------|------|------------------------------|-----|--------|
| CFM 25.14 | 200     | 10/25             | 14   | 9    | CM 25.14, DF 25.14, CF 25.14 | x1  | 045507 |
| CFM 50.21 | 300     | 35/50             | 21   | 13   | CM 50.21, CF 50.21, TX 70.21 | x1  | 045606 |
| CFM 70.21 | 400     | 50/70             | 21   | 13   | CM 70.21, TX 70.21           | x1  | 047488 |
| CM 25.14  | 200     | 10/25             | 14   | 9    | DF 25.14, CF 25.14           | x20 | 045668 |
| CM 50.21  | 300     | 35/50             | 21   | 13   | DF 70.21, CF 50.21           | x10 | 045613 |
| CM 70.21  | 400     | 50/70             | 21   | 13   | DF 70.21, CF 70.21           | x5  | 045750 |
| CM 95.24  | 500     | 70/95             | 24   | 13   | DF 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 |

**PC1** MMA/TIG/MIG connection x2 Texas CM 50.21  
060593

⊗ 21 mm  
⊗ 13 mm

⊗ 50 mm<sup>2</sup>, 2 m

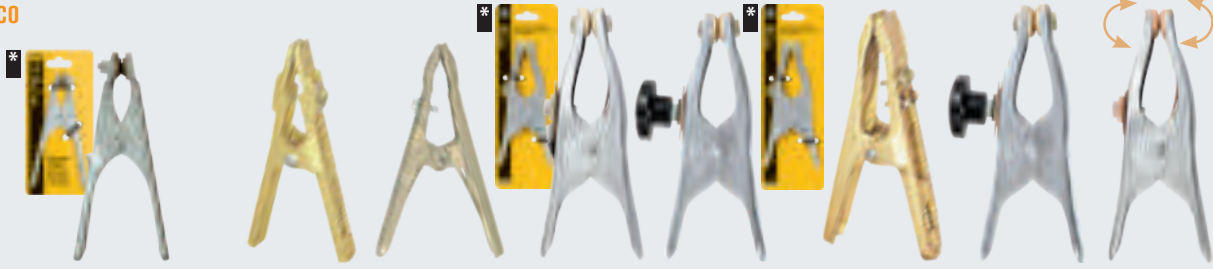
Texas 95.24  
⊗ 24 mm  
⊗ 13 mm

**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

**EARTH CLAMPS** - Pincas de masse - Masseklemmen - Pinzas de masa - Massaklem - Pinças de massa

**CROCO**



|               | <b>CROCO A200.35</b>     | <b>CROCO B250.25</b>       | <b>CROCO B300.70</b>     | <b>CROCO T300.70</b>     | <b>CROCO T400.70</b>     | <b>CROCO B600.95 (500A)</b> | <b>CROCO T600.95</b>     | <b>CROCO M600.95</b>     |
|---------------|--------------------------|----------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|--------------------------|
| A             | <b>200 A</b>             | <b>250 A</b>               | <b>300 A</b>             | <b>300 A</b>             | <b>400 A</b>             | <b>500 A</b>                | <b>600 A</b>             | <b>600 A</b>             |
| ⊗ max         | <b>35 mm<sup>2</sup></b> | <b>25 mm<sup>2</sup></b>   | <b>70 mm<sup>2</sup></b> | <b>70 mm<sup>2</sup></b> | <b>70 mm<sup>2</sup></b> | <b>95 mm<sup>2</sup></b>    | <b>95 mm<sup>2</sup></b> | <b>95 mm<sup>2</sup></b> |
| A (X%)        | 200A (35%)<br>150A (60%) | 250 A (35%)<br>200 A (60%) | 300A (35%)<br>250A (60%) | 300A (35%)<br>250A (60%) | 400A (35%)<br>300A (60%) | 500A (35%)<br>400A (60%)    | 600A (35%)<br>400A (60%) | 600A (35%)<br>400A (60%) |
| x1 (vrac)     | 043114                   | 038035                     | 043138                   | 037922                   | 043213                   | 038042                      | 046559                   | 038301                   |
| *x1 (blister) | 043107                   |                            |                          | 037939                   | 043206                   |                             |                          |                          |
| 📦 (x25)       | 043121                   |                            | 043145                   | 037946                   | 043152                   |                             |                          |                          |

**RHINO & TYREX**



|           | <b>RHINO 300.50 (250A)</b> | <b>TYREX 400.70</b>      | <b>TYREX XL 400.70</b>   | <b>RHINO 600.95</b>      | <b>TYREX 600.95</b>      | <b>TYREX + 600.95</b>    | <b>TYREX 800.120</b>      |
|-----------|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| A         | <b>250 A</b>               | <b>400 A</b>             | <b>400 A</b>             | <b>600 A</b>             | <b>600 A</b>             | <b>600 A</b>             | <b>800 A</b>              |
| ⊗ max     | <b>50 mm<sup>2</sup></b>   | <b>70 mm<sup>2</sup></b> | <b>70 mm<sup>2</sup></b> | <b>95 mm<sup>2</sup></b> | <b>95 mm<sup>2</sup></b> | <b>95 mm<sup>2</sup></b> | <b>120 mm<sup>2</sup></b> |
| A (X%)    | 250A (35%)<br>200A (60%)   | 400A (35%)<br>300A (60%) | 400A (35%)<br>300A (60%) | 600A (35%)<br>500A (60%) | 600A (35%)<br>500A (60%) | 600A (35%)<br>500A (60%) | 800A (35%)<br>700A (60%)  |
| x1 (vrac) | <b>038059</b>              | <b>043176</b>            | <b>048997</b>            | <b>038066</b>            | <b>043220</b>            | <b>046566</b>            | <b>046573</b>             |
| 📦         |                            |                          |                          |                          | (x10)<br><b>043169</b>   |                          |                           |

**EARTH MAGNETS** - Masses magnétiques - Magnetische Masse



|           | <b>SQUARE MAGNET 500.70</b> | <b>ROUND MAGNET 500.70</b> | <b>ROUND MAGNET 600.95</b> |
|-----------|-----------------------------|----------------------------|----------------------------|
| A         | <b>500 A</b>                | <b>500 A</b>               | <b>600 A</b>               |
| ⊗ max     | <b>70 mm<sup>2</sup></b>    | <b>70 mm<sup>2</sup></b>   | <b>95 mm<sup>2</sup></b>   |
| A (X%)    | 500A (35%), 400A (60%)      | 500A (35%), 400A (60%)     | 600A (35%), 500A (60%)     |
| x1 (vrac) | <b>048980</b>               | <b>048973</b>              | <b>047105</b>              |

**EARTH CLAMP KITS** - Pincas de masse assemblées - Vormontierte Masseklemmen



|                                 | A                | 🔗              | L (m) | ⊗ (mm <sup>2</sup> ) | 🔧 (mm <sup>2</sup> ) | ∅  | Ref.      |
|---------------------------------|------------------|----------------|-------|----------------------|----------------------|----|-----------|
| Cable H07 for Cutting & Welding | <b>200 A</b>     | CROCO T300.70  | 4     | 16                   | 10/25                | 9  | x1 036932 |
|                                 | <b>250 A</b>     | CROCO T300.70  | 4     | 25                   | 35/50                | 13 | x1 075214 |
|                                 | <b>150/200 A</b> | CROCO A200.35  | 2     | 16                   | 10/25                | 9  | x1 043770 |
|                                 | <b>250 A</b>     | CROCO T400.70  | 3     | 25                   | 10/25                | 9  | x1 043787 |
| Cable H01 for Welding only      | <b>250 A</b>     | CROCO T400.70  | 4     | 25                   | 35/50                | 13 | x1 043794 |
|                                 | <b>400 A</b>     | CROCO T400.70  | 4     | 35                   | 35/50                | 13 | x1 043817 |
|                                 | <b>400 A</b>     | CROCO T400.70  | 4     | 50                   | 35/50                | 13 | x1 047853 |
|                                 | <b>600 A</b>     | TYREX 600.95   | 4     | 70                   | 35/50                | 13 | x1 043831 |
|                                 | <b>600 A</b>     | CROCO M600.95  | 4     | 70                   | 35/50                | 13 | x1 036994 |
|                                 | <b>800 A</b>     | TYREX+ 800.120 | 4     | 95                   | 35/50                | 13 | x1 047013 |

## SOLDERING - Soudage à l'étain - Weichlöten



**60W**  
040373



**COMPLETE**

**100W**  
040397



**Pompe à dessouder**  
- Desoldering pump  
- Entlötpumpe

040380



**Fil à souder**  
- Soldering wire  
- Lötdraht  
Étain - Tin - Zinn

Norm ISO EN 9453



|   | Norms    |            | Composition % |    |     | T° fusion °C | Décapant - Flux       | Ø mm | g                | Ref.                       |
|---|----------|------------|---------------|----|-----|--------------|-----------------------|------|------------------|----------------------------|
|   | DIN 1707 | EN 9453    | Sn            | Pb | Cu  |              |                       |      |                  |                            |
| Étain-Plomb<br>TIN LEAD<br>Zinn-Blei      | SnPb60   | S-Sn40Pb60 | 40            | 60 | —   | 183-238      | integrated            | 2    | 50<br>100<br>250 | 046610<br>046627<br>047136 |
|   | Sn50Pb   | S-Sn50Pb50 | 50            | 50 | —   | 183-216      | integrated            | 1.5  | 50<br>100<br>250 | 046641<br>046658<br>047129 |
|   | Sn60Pb   | S-Sn60Pb40 | 60            | 40 | —   | 183-190      | integrated            | 1    | 50<br>100<br>250 | 046665<br>046672<br>047112 |
| Étain-Cuivre<br>TIN COPPER<br>Zinn-Kupfer | SnCu3    | S-Sn97Cu3  | 97            | —  | 3   | 227-310      | external (ref.040549) | 2    | 50<br>100<br>250 | 046689<br>046696<br>047143 |
|   | SnCu07   | Sn993Cu07  | 99.3          | —  | 0.7 | 227          | integrated            | 1    | 100              | 062696                     |

Flux universel  
- Soldering flux  
- Lötflott



T° fusion 450 °C  
20g  
040549

Graisse décapante pour alliage étain  
Soldering flux for tin alloys  
Lötflott für Zinn-Legierungen



T° fusion 80 °C  
100g  
047808

## OX & AD



2.5 m³

**OX & AD**

104 x 67 x 20 cm / 7,5 kg  
18 x 38 x 73 cm / 14,2 kg  
039100

## PROFESSIONAL BLOW TORCHES - Lampes à souder professionnelles - Gasbrenner

Lampe à souder percable à 1 brûleur  
- Blowtorch  
- Lötlampe mit 1 Brenner  
040342



**PIEZO START**  
Lampe à souder à 1 brûleur  
- Blowtorch  
- Lötlampe mit 1 Brenner  
038820



Lampe à souder, avec 2 brûleurs interchangeable - Blow torch, with 2 interchangeable burners - Lötlampe mit 2 auswechselbaren Brennern



European fitting 7/16"

**LIGHTER START**

Lampe à souder, soupape de sécurité

- Blow torch with safety valve  
- Lötlampe, Sicherheitsventil  
040359



Pistolet à air chaud autonome à gaz  
- Gas hot air gun

060777



450 > 550 °C

Included GAS B3 Ref. 040441

## CUP LIGHTER - Briquet à tasse - Topfanzünder

040403

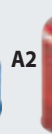


## PRE-BRAZING CLEANING PADS - Tampons de nettoyage avant brasage

047563



## GAS CARTRIDGES - Cartouches de gaz - Gaskartusche



**B1**

**B2**

**B3**



| Model | Connection             | composition |         |           | 360° | T°          | Norms                | ml  | g   | ref.   | Icon |
|-------|------------------------|-------------|---------|-----------|------|-------------|----------------------|-----|-----|--------|------|
|       |                        | butane      | propane | propylene |      |             |                      |     |     |        |      |
| A1    | Pierceable             | ■           | —       | —         | —    | —           | EN417:2012           | 360 | 190 | 040410 | 12   |
| A2    | European fitting 7/16" | ■           | ■       | —         | ■    | 1900°C      | EN521 / EN 417       | 930 | 460 | 038837 | 12   |
| B1    |                        | ■           | ■       | —         | —    | 1800>2100°C | EN417:2012 - UN 2037 | 600 | 390 | 040427 | 12   |
| B2    |                        | ■           | ■       | ■         | —    | 2200°C      | EN417:2012 - UN 2037 | 600 | 450 | 040434 | 12   |
| B3    |                        | ■           | ■       | ■         | ■    | 2200°C      | EN417:2012 - UN 2037 | 380 | 220 | 040441 | 36   |

## GAS WELDING RODS - Métaux d'apport flamme - Lötstäbe



| Norms  | Composition % |      |      |       |      |               | T° fusion °C | Décapant - Flux      | Ø mm | L mm | X...   | Ref.   | Applications   |                                  |
|--|---------------|------|------|-------|------|---------------|--------------|----------------------|------|------|--------|--------|--|----------------------------------|
|  | Ag            | Cu   | Zn   | P     | Iron | Other         |              |                      |      |      |        |        |  |                                  |
| <b>BRASAGE FORT / STRONG BRAZING</b>                                   |               |      |      |       |      |               |              |                      |      |      |        |        |  |                                  |
| Cu P 6   | —             | 94   | —    | 6     | —    | —             | 710-880      | paste (ref. 047440)* | 2    | 333  | 5      | 047181 | Cuivre-cuivre. Pour plomberie, chauffage, sanitaire. Copper-copper. For plumbing, heating, sanitation.   |                                  |
|  |               |      |      |       |      |               |              |                      |      | 25   | 25     | 047198 |  |                                  |
|  |               |      |      |       |      |               |              |                      |      | 500  | 25     | 047204 |  |                                  |
|  |               |      |      |       |      |               |              |                      |      | 1 kg | 047211 |        |  |                                  |
| Ag 5 P   | 5             | 88.8 | —    | 6.2   | —    | —             | 645-810      | paste (ref. 047440)  | 2    | 333  | 5      | 047228 | Cuivre-cuivre et métaux cuivreux. Décapant obligatoire sur cuivre-laiton. Pour climatisation, réfrigération. Copper-Copper and copper alloys. Must use welding flux on copper-brass. For air conditioning, refrigeration.                                |                                  |
| Ag 12  | 12            | 48   | 40   | —     | —    | Si 0.2        | 800-830      | integrated           | 1.5  | 333  | 2      | 047235 | Cuivre-cuivre et métaux cuivreux. Pour climatisation, réfrigération. Copper-Copper and copper alloys. For air conditioning, refrigeration.   |                                  |
|  |               |      |      |       |      |               |              |                      |      | 500  | 4      | 047242 |  |                                  |
| Ag 40Sn  | 40            | 30   | 28   | —     | —    | Sn 2          | 640-700      | paste (ref. 047440)  | 2    | 333  | 2      | 047266 | Cuivre, laiton, aciers, inox. Pour climatisation, réfrigération, chauffage, matériel électrique. Copper, brass, steel, stainless steel. For air conditioning, refrigeration, heating, electrical equipment.  |                                  |
|  |               |      |      |       |      |               |              |                      |      | 333  | 2      | 047273 |  |                                  |
| Cu Zn40  | —             | 60   | 40   | —     | —    | Si 0.25       | 890-900      | powder (ref. 047457) | 2    | 333  | 5      | 047280 | Acier, galva, cuivre, fonte. Pour chauffage, carrosserie, machine agricole. Steel, galvanized steel, copper, cast iron. For heating, car body, agricultural machinery.   |                                  |
|  |               |      |      |       |      |               |              |                      |      | 500  | 8      | 047297 |  |                                  |
| CuNi10 Zn42  | —             | 48   | 41.8 | —     | —    | Ni 10 Si 0.2  | 920-935      | integrated           | 2    | 500  | 8      | 047303 |  |                                  |
|  |               |      |      |       |      |               |              |                      |      | 32   | 047815 |        |  |                                  |
| <b>BRASAGE ALLIAGE BASE ALUMINIUM / BRAZING ALUMINIUM BASED ALLOYS</b> |               |      |      |       |      |               |              |                      |      |      |        |        |  |                                  |
| Zn + Al  | —             | —    | 98   | —     | —    | Al 2          | 375-388      | integrated           | 2    | 500  | 2      | 047433 | Pour alu-alu et alu-Cu. Climatisation, réfrigération: fabrication et réparation. Excellente capillarité, allongement élevé. For alu-alu and alu-copper. Air conditioning, refrigeration: manufacture and repair. Excellent capillarity, high elongation. |                                  |
| <b>BRASAGE ALLIAGE ACIER CUIVRE / BRAZING COPPERED STEEL</b>           |               |      |      |       |      |               |              |                      |      |      |        |        |  |                                  |
| Fe + Cu  | —             | 0.15 | —    | 0.012 | 98   | Si 0.2 - Mn 1 | 1 500        | integrated           |      | 1.6  | 333    | 10     | 047150   | Fer/acier courant. Iron / steel. |
|  |               |      |      |       |      |               |              |                      |      | 2    | 333    | 10     | 047167   |                                  |
|  |               |      |      |       |      |               |              |                      |      | 2    | 500    | 10     | 047174   |                                  |



**Décapant - Flux - Flussmittel**

Pâte pour Cu/P/Ar  
- paste for Cu/P/Ar  
T° work 500-800°C, 100g  
047440

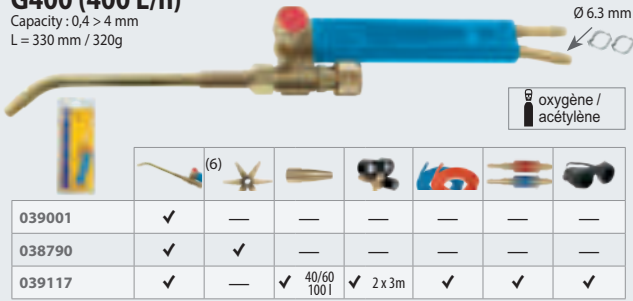
\* not for Cu/Cu brazing



**GAS WELDING/BRAZING TORCHES - Chalumeaux soudeurs/brasage - Autogen-Schweißbrenner**

**G400 (400 L/h)**

Capacity: 0,4 > 4 mm  
L = 330 mm / 320g



Ø 6.3 mm

oxygène / acétylène

|        |   |   |   |            |   |      |   |
|--------|---|---|---|------------|---|------|---|
| 039001 | ✓ | — | — | —          | — | —    | — |
| 038790 | ✓ | ✓ | — | —          | — | —    | — |
| 039117 | ✓ | — | ✓ | 40/60/1001 | ✓ | 2x3m | ✓ |

**Poste BI-GAZ - Dual gas soldering/brazing set 040366**



1.5 m

3 100°

included

Expedition interdite: Prohibited shipping: Versand verboten:

Novacet 600 ml/330 g 040434

Oxygène - Oxygen bottle 1101 040458

12

Tête de coupe - Cutting nozzle - Hochdruckschneidköpfe 039124

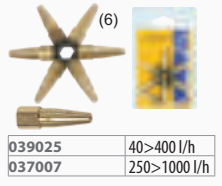
Kit complet chalumeau soudeur - Complete gas welding blowtorch kit - Autogen-Schweißen Komplettsset (type SO) 039117



3m

40, 60 & 100 L

**7 gas welding nozzles**



|        |              |
|--------|--------------|
| 039025 | 40>400 l/h   |
| 037007 | 250>1000 l/h |

**G1000 (1000 L/h)**  
Capacity: 2 > 10 mm / L = 460 mm / 770 g  
038868



Ø 10 mm

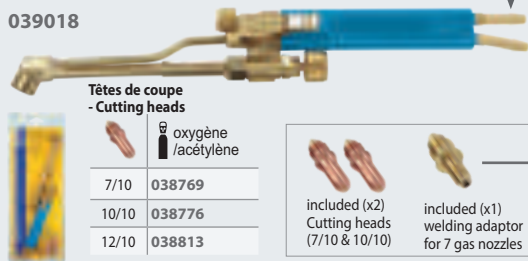
oxygène / acétylène

|        |   |        |
|--------|---|--------|
| 038868 | ✓ | 037007 |
|--------|---|--------|

**GAS WELDING/CUTTING TORCHES - Chalumeau soudeur/coupeur - Autogen-Schweißbrenner**

**CG1 (400 L/h)**

Capacité de soudage - Welding capacity: 0,4 > 4 mm  
Capacité de découpe - Cutting capacity: 50 mm max  
L = 320 mm / 450 g



Ø 6.3 mm

039018

Têtes de coupe - Cutting heads

|       |        |
|-------|--------|
| 7/10  | 038769 |
| 10/10 | 038776 |
| 12/10 | 038813 |

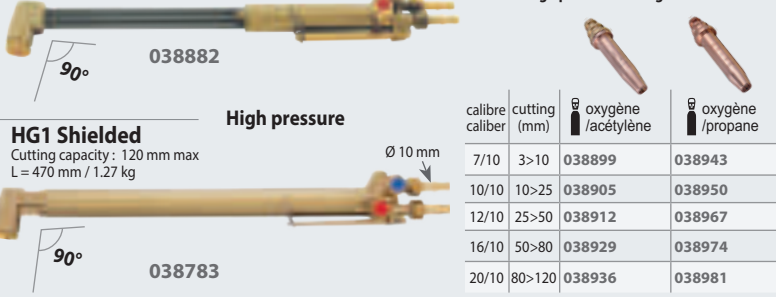
oxygène / acétylène

included (x2) Cutting heads (7/10 & 10/10)

included (x1) welding adaptor for 7 gas nozzles

**HIGH PRESSURE CUTTING TORCH - Chalumeaux coupeurs haute pression - Autogen-Schweißbrenner**

**HG1** Cutting capacity: 120 mm max  
L = 470 mm / 1.12 kg



90°

038882

Ø 10 mm

Têtes de coupe G1 haute pression - High pressure cutting G1 heads

| calibre / caliber | cutting (mm) | oxygène / acétylène | oxygène / propane |
|-------------------|--------------|---------------------|-------------------|
| 7/10              | 3>10         | 038899              | 038943            |
| 10/10             | 10>25        | 038905              | 038950            |
| 12/10             | 25>50        | 038912              | 038967            |
| 16/10             | 50>80        | 038929              | 038974            |
| 20/10             | 80>120       | 038936              | 038981            |

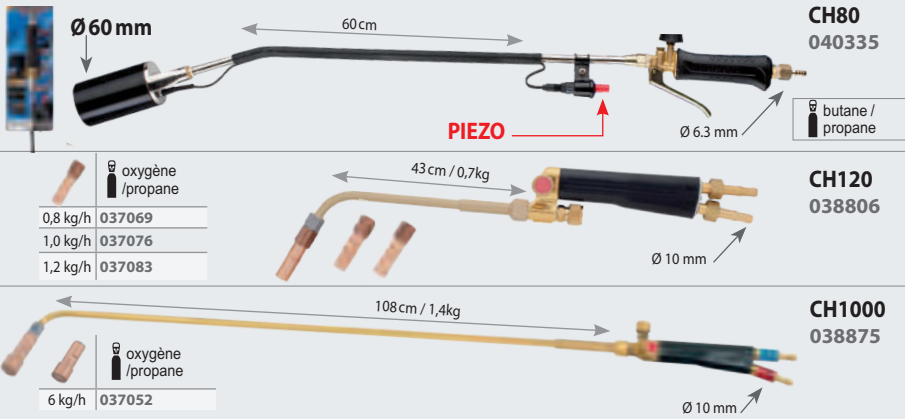
High pressure

038783

90°

Ø 10 mm

**BLOWTORCHES - Chalumeaux chauffeurs - Autogen-Schweißbrenner**



Ø 60 mm

60cm

CH80 040335

PIEZO

Ø 6.3 mm

butane / propane

|          |        |
|----------|--------|
| 0,8 kg/h | 037069 |
| 1,0 kg/h | 037076 |
| 1,2 kg/h | 037083 |

43 cm / 0,7kg

CH120 038806

Ø 10 mm

108 cm / 1,4kg

CH1000 038875

Ø 10 mm

oxygène / propane

|        |        |
|--------|--------|
| 6 kg/h | 037052 |
|--------|--------|

**BLOWTORCH KIT - Kits chalumeaux - Schweißbrennerset**



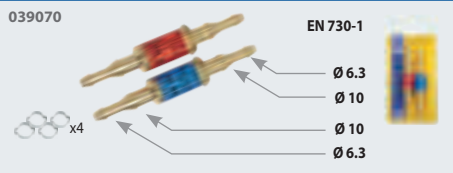
Kit chalumeau 3 brûleurs - Blowtorch kit - Schweißbrennerset 040328

Ø 17 mm

1.5 m

butane

**FLASHBACK ARRESTOR KIT - Lot anti-retour pare flamme OX/AD - Schnellkupplungsset**



039070

EN 730-1

Ø 6.3

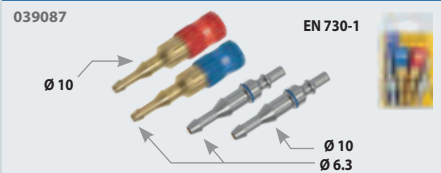
Ø 10

Ø 10

Ø 6.3

x4

**QUICK RELEASE CONNECTORS OX/AD - Raccords rapides OX/AD - Schnellverschlüsse OX/AD**



039087

EN 730-1

Ø 10

Ø 10

Ø 6.3

**Kit chalumeau zingueur - Blowtorch kit zinc worker 038844**



butane

**REGULATORS - Détendeurs - Druckminderer EN 585/ISO 2503**



Oxygène 5 m³/h 039032

Ø 6.3 mm

Acétylène 1 m³/h 039056

Oxygène PRO max 70 m³/h moy 31 m³/h 039049 037250

Acétylène PRO max 26 m³/h moy 5 m³/h 039063 037267

Propane PRO max 26 m³/h moy 5 m³/h 038998

PRO Ø 10 mm

**HOSE - Tuyaux - Schlauch**



Kit OX/AD:

|           |        |
|-----------|--------|
| Ø 2 x 4 m | 039094 |
| 6.3 100 m | 064294 |
| 100 m     | 064287 |
| 2 x 4 m   | 039452 |
| Ø 40 m    | 064317 |
| 40 m      | 064300 |

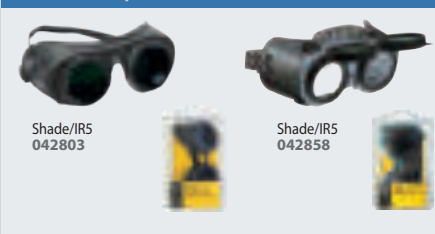
Kit Propane:

Ø 6.3 mm, 4 m 038851

Ø 10 mm, 4 m 037090

x2

**GAS WELDING GOGGLES - Lunettes de protection - Schutzbrillen**



Shade/IR5 042803

Shade/IR5 042858

## 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)

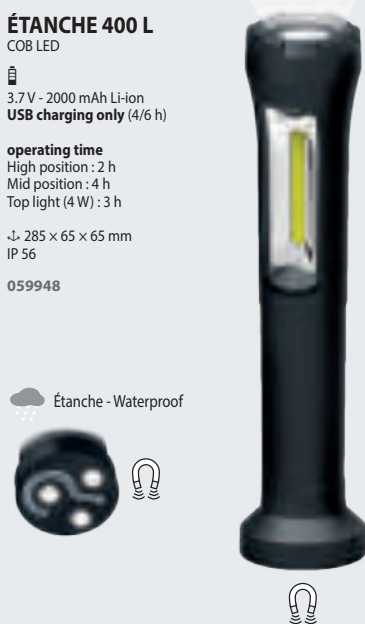
#### operating time

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- Inspektionslampen

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



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



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



## 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



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

### 1800 lumens

**1800 L**  
3x 55 COB LED  
total 165 LED

2 m power cord

059146



adjustable 1.3 m max

### 3000 lumens

**3000 L**  
35 W COB LED

2 m power cord

IP 44

059979



adjustable 1.5 m max

## UNDER BONNET LAMP

- Lampe sous capot  
- Leuchte für Motorhaube

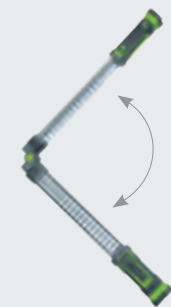
### 250-800 lumens

**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

### 4000 lumens

**4000 L**  
3x 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

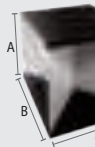
Display stand  
- Podium de présentation  
- Podest

#### 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<br>- komplett                          | 061002 | 061040 | 061026 |
| without display stand<br>- sans linéaire<br>- ohne Inhalt | 061019 | 061057 | 061033 |

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



French manufacturer  
since 1964



**Tools**

Tel: +32 (0)10 39 51 50 • Fax: +32 (0)10 46 02 78  
info@vbtools.be • www.vbtools.be

Voor technisch advies,  
Pour toutes informations techniques,

**Jonathan Govaers**

Hainaut, Brabant Wallon, Vlaams Brabant, Limburg, Oost-, West-Vlaanderen, Provincie Antwerpen.  
jonathan.govaers@vbtools.be  
0490/11.00.87

**Sebastien Akel**

Province de Namur, Liège, Luxembourg et du Grand-Duché.  
sebastien.akel@vbtools.be  
0490/11.91.95

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