

# SWISS – WELDING

Schweisstechnik GmbH



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



INVEST IN THE FUTURE



French manufacturer since 1964

## Welding, Plasma cutting & Induction heating

Soudage, Coupage plasma & Chauffe par induction

Schweißen, Schneiden & Induktionsheizung

Saldatura, Taglio plasma & Induzione

Soldadura, Corte plasma & Inducción

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0  
2  
3  
B



Swiss Welding Schweisstechnik GmbH  
 Merkurstrasse 2  
 6210 Sursee  
 Tel: 041 920 33 66  
 info@swiss-welding.ch

## 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



visit with



## MMA/ SMAW

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# MMA TRADITIONAL



MMA/  
SMAW

<b>TRADITIONAL</b> 1~ • 100 > 220 A	
EXPERT	5
<b>INVERTER</b> 1~ • 80 > 200 A	
GYSARC	6
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PROFESSIONAL AC

EXPERT 110	EXPERT 130	EXPERT 220 DV
230 V • 1 ~	230 V • 1 ~	230V 1~ • 400V 2~
<b>100A</b> ⚡ Ø 2+2.5 mm	<b>130A</b> ⚡ Ø 2+3.2 mm	<b>220A</b> ⚡ Ø 2+4 mm
062375	015029	015128

CE NORM. EN60974-1 MADE IN P.R.C.	50/60 Hz	A	I <sub>2</sub> A	EN60974-1 (40°C)			U <sub>0</sub> V	Protected & compatible power generator (+/-15%)		L x W x H cm / kg	L x W x H cm / kg
				I (60%)	X% (I2 max)	100%		kW	kVA		
EXPERT 110	230V 1~	8	75 → 100 AC	—	—	—	48	6.5 kW	11 kVA	39 × 23 × 28 / 12.8	28 × 18 × 26 / 11.8
EXPERT 130	230V 1~	10	55 → 130 AC	53 A	10%	—	48	6.8 kW	11.3 kVA	47 × 25 × 32 / 14.8	35 × 18 × 22 / 12.7
EXPERT 220 DV	230V 1~	25	65 → 220 AC	90 A	10%	—	48	12 kW	20 kVA	54 × 32 × 41 / 23.2	41 × 24 × 33 / 19.9
	400V 2~	13									

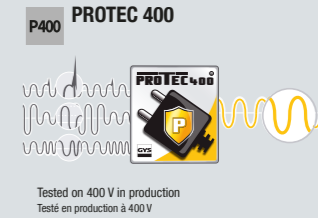
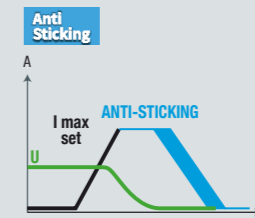
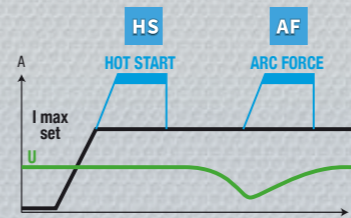


GYSARC

# MMA INVERTER

230 V • 1~

ULTRA LIGHT  
&  
COMPACT



7

GYSARC

MMA • INVERTER



10/25 mm<sup>2</sup>  
Ø 9 mm



10/25 mm<sup>2</sup>  
Ø 9 mm



10/25 mm<sup>2</sup>  
Ø 9 mm



10/25 mm<sup>2</sup>  
Ø 9 mm

### GYSARC 100

230 V • 1 ~

**100 A**

Ø 1.6+2.5 mm

HS AF Anti Sticking



071551

### GYSARC 120

230 V • 1 ~

**120 A**

Ø 1.6+3.2 mm

HS AF Anti Sticking



013704

### GYSARC 160

230 V • 1 ~

**160 A**

Ø 1.6+4 mm

HS AF Anti Sticking



014664

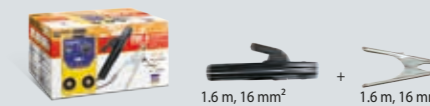
### GYSARC 200

230 V • 1 ~

**200 A**

Ø 1.6+5 mm

P400 HS AF Anti Sticking



065512



080096



080058



080065



080072

OPTIONS



	CE NORM. EN60974-1	MADE IN GYS CHINA	~	50/60 Hz	A	I <sub>2</sub>	A	INTEGRATED TECHNOLOGY	X% GYS (20°C)	EN60974-1 (40°C)	U <sub>o</sub>	L x W x H cm / kg	L x W x H cm / kg	INTEGRATED TECHNOLOGY			
														P400	HS	AF	Anti sticking
GYSARC 100	1	230V	16	10+100	—	25% @ 100 A	50 A	14%	35 A	63 V	30 x 19 x 18 / 3.3	22 x 10 x 14 / 2					
GYSARC 120	1	230V	16	10+120	—	40% @ 120 A	70 A	20%	55 A	63 V	30 x 19 x 17 / 4	23 x 11 x 15 / 2.7					
GYSARC 160	1	230V	16	10+160	—	20% @ 160 A	85 A	10%	70 A	63 V	014664 - 30 x 18 x 17 / 4.5 080096 - 33 x 13 x 28 / 5.3 080072 - 39 x 31 x 25 / 6.4	24 x 11 x 15 / 2.9					
GYSARC 200	1	230V	32	20+200	—	20% @ 200 A	100 A	10%	80 A	64 V	065512 - 35 x 21 x 21 / 6.1 080058 - 33 x 21 x 30 / 6.2	29 x 13 x 18 / 4.5					



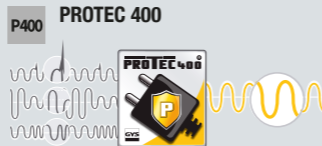
GYSMI

# MMA INVERTER

230 V • 1~



Youtube



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

10/25 mm<sup>2</sup>  
Ø 9 mm10/25 mm<sup>2</sup>  
Ø 9 mm10/25 mm<sup>2</sup>  
Ø 9 mm10/25 mm<sup>2</sup>  
Ø 9 mm

## 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



029972  
030121



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 11  
031449

## GYSMI 160P

230 V • 1 ~

160 A Ø 1.6+4 mm

P400 HS AF Anti Sticking



030077



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 11  
030435

## GYSMI 200P

230 V • 1 ~

200 A Ø 1.6+5 mm

P400 HS AF Anti Sticking



030794



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 9/13  
031579



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 9/13  
031555



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 11  
013360

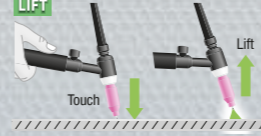
## TIG torch kit SR17V (valve)

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

044425



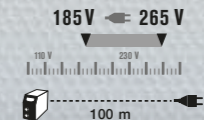
TIG LIFT



ADS



PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE

10/25 mm<sup>2</sup>  
Ø 9 mm10/25 mm<sup>2</sup>  
Ø 9 mm

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

## DIGITAL

## GYSMI E163

230 V • 1 ~

160 A Ø 1.6+4 mm

P400 HS AF Anti Sticking MMA PULSE TIG LIFT ADS



036635



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Techno 9/13  
013728

## GYSMI E200 FV

110 → 230 V • 1 ~

200 A Ø 1.6+5 mm

P400 PFC FV HS AF Anti Sticking TIG LIFT ADS



031210



2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup> + LCD Hermes 9/13  
031531

CE NORM. EN60974-1 MADE IN FRANCE	50/60 Hz	I <sub>2</sub>	INTEGRATED TECHNOLOGY								X% GYS (20°C)	EN60974-1 (40°C)		Protected & compatible power generator (+/-15%)	L x W x H cm / kg									
			(MMA) A	(TIG) A	Ø mm	Ø1.6	Ø2	Ø2.5	Ø3.2	Ø4		Ø5	I (60%)			X% (I2 max)	U <sub>0</sub>							
<b>GYSMI 80 P</b>	230V	10	10+80	—	1.6+2.5	62	50	20	—	—	—	—	—	—	—	—	—	45% @ 80 A	31 A	5%	85 V	3.5 kW	3.7 kVA	029958 - 30 × 19 × 17 / 3.7 029941 - 41 × 12 × 32 / 4.6 029972 - 41 × 14 × 34 / 5.5 031449 - 41 × 30 × 25 / 5.3 030077 - 42 × 18 × 37 / 6.6 030435 - 41 × 30 × 25 / 6 031555 - 41 × 31 × 25 / 5.9 013360 - 40 × 31 × 25 / 7.6
<b>GYSMI 130 P</b>	230V	13	10+130	—	1.6+3.2	62	50	47	24	—	—	—	—	—	—	—	—	55% @ 115 A	45 A	5%	72 V	4.5 kW	5.0 kVA	
<b>GYSMI 160 P</b>	230V	16	10+160	—	1.6+4	62	50	47	45	22	—	—	—	—	—	—	—	60% @ 160 A	85 A	14%	72 V	6.5 kW	7.5 kVA	
<b>GYSMI 200 P</b>	230V	32	10+200	—	1.6+5	62	50	47	45	30	21	—	—	—	—	—	—	58% @ 200 A	110 A	14%	72 V	7.5 kW	10 kVA	030794 - 42 × 17 × 37 / 7.9 031579 - 31 × 41 × 25 / 7
<b>GYSMI E163</b>	230V	16	10+160	10+160	1.6+4.0	62	50	47	45	22	—	—	—	—	—	—	—	60% @ 160 A	85 A	14%	72 V	6.5 kW	7.5 kVA	036635 - 42 × 17 × 37 / 7 013728 - 40 × 30 × 25 / 6.2
<b>GYSMI E200 FV</b>	230V / 110V	16 / 20	10+200 / 10+130	10+200 / 10+130	1.6+5.0	62	50	47	45	35	24	—	—	—	—	—	—	64% @ 200 A	120 A / 95 A	22% / 39%	96 V	7.5 kW	10 kVA	031210 - 42 × 17 × 37 / 8.8 031531 - 41 × 30 × 24 / 8.3

MMA • INVERTER

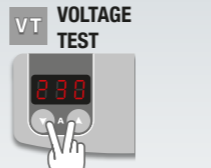
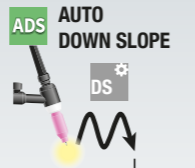
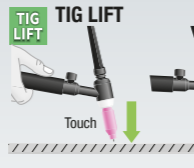
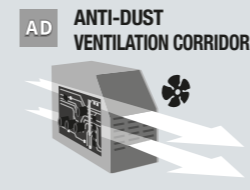
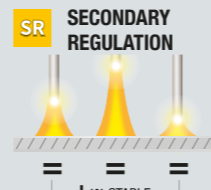
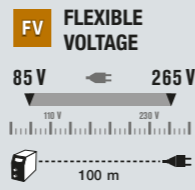
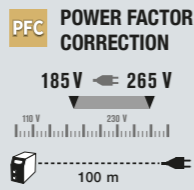
9

GYSMI

OPTIONS

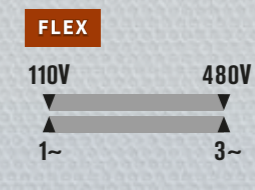
8

# MMA INVERTER



**VRD inside**  
Voltage Reduction Device

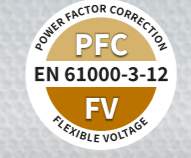
U <sub>o</sub> (EN60974-1)	U (Voltmeter)
VRD ON	24V / 25V
VRD OFF	77.5V / 76V



**OPTION**  
Filter kit (FLEX 280 CEL) 046580

**EXATIG**  
Exatig 013780

details p.65



**230 V • 1 ~**

**PROGYS 160 LA**  
230 V • 1 ~  
**160 A** ⚡ Ø 1.6+4 mm  
HS AF TIG LIFT  
077508  
1.6 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>

**PROGYS 180A**  
230 V • 1 ~  
**180 A** ⚡ Ø 1.6+4 mm  
P400 HS AF Anti Sticking  
031425  
2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>

**PROGYS 183 E**  
230 V • 1 ~  
**180 A** ⚡ Ø 1.6+4 mm  
P400 HS AF Anti Sticking TIG LIFT ADS  
MMA PULSE  
013803  
2 m, 16 mm<sup>2</sup> + 1.6 m, 16 mm<sup>2</sup>

**PROGYS 200A PFC**  
230 V • 1 ~  
**200 A** ⚡ Ø 1.6+5 mm  
P400 PFC HS TIG LIFT ADS  
031432  
2 m, 25 mm<sup>2</sup> + 1.6 m, 25 mm<sup>2</sup>

**110 · 230 V • 1 ~**

**PROGYS 200E FV CEL**  
110 + 230 V • 1 ~  
**200 A** ⚡ Ø 1.6+5 mm  
P400 PFC FV SR HS AF  
CEL cellulotic ALU aluminium  
Dynamic arc system >100V TIG LIFT ADS VT  
030862  
3 m, 25 mm<sup>2</sup> + 3 m, 25 mm<sup>2</sup>

**PROGYS 220E FV CEL**  
110 + 230 V • 1 ~  
**220 A** ⚡ Ø 1.6+5 mm  
P400 PFC FV SR VRD inside HS  
AF CEL cellulotic ALU aluminium  
Dynamic arc system MMA PULSE  
TIG LIFT ADS TIG PULSE AD  
IP 23  
no accessories:  
014657

**400 V • 3 ~**

**PROGYS FLEX 280 CEL**  
110 + 480 V • 1 + 3 ~  
**280 A** ⚡ Ø 1.6+5 mm  
Heavy Duty  
Petal Offshore  
PFC FV FLEX SR HS AF CEL cellulotic ALU aluminium  
Dynamic arc system >100V MMA PULSE TIG LIFT ADS VT AD IP 23  
no accessories:  
013544

Reference	EXATIG	SR26 L, 8m	SR26 DB, 8m	4m, 50mm <sup>2</sup>	5m, 95mm <sup>2</sup>	Jobsite XL
1 062573	■	■	■	■	■	■
2 062580	■	■	■	■	■	■
3 062955	■	■	■	■	■	■

Reference	NOMAD FEED	Fe/Cr/Ni, 4m, AIR	Type C, Ø 1/1.2	4m, 50mm <sup>2</sup>	5m, 95mm <sup>2</sup>	Jobsite XL
1 062573	■	■	■	■	■	■
2 062580	■	■	■	■	■	■

**OPTIONS**

**TIG torch kit SR17V (valve)**  
4 m  
for 10/25 mm<sup>2</sup>, Ø9:  
✓ 160LA  
✓ 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:  
✓ 160 LA  
✓ 180A  
✓ 183 E  
✓ 200A PFC  
✓ 200E FV CEL  
060432

**Wheeled heavy-duty case XL**  
- Valise de chantier à roulettes XL  
- Rollkoffer XL  
9.5 kg  
for:  
✓ 160 LA  
✓ 180A  
✓ 183 E  
✓ 200A PFC  
✓ 220E FV CEL  
077461

**REMOTE CONTROL**

**Foot pedal RC-FA1**  
4 m  
045682

**Hand remote control RC-HA1**  
8 m  
045675  
20 m  
066625

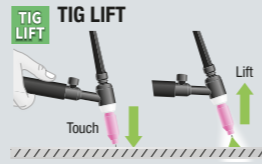
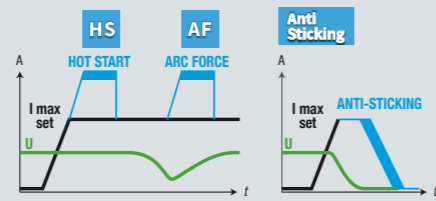
MADE IN GYS CHINA	Model	I <sub>2</sub> MMA	INTEGRATED TECHNOLOGY													X% GYS (20°C)	EN60974-1 (40°C)		Protected & compatible power generator (≥15%)	L × W × H cm / kg											
			P400	PFC	FV	Flex	SR	VRD	HS	AF	CEL	ALU	Dynamic arc	MMA pulse	TIG Lift		ADS	TIG pulse			VT	AD	IP23	I (60%)	X% (I2 max)	100%	U <sub>o</sub>				
MADE IN FRANCE	PROGYS 160 LA	16	10+160	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	15% @ 160 A	75 A	10%	65 A	65 V	—	—	47 × 32 × 57 / 4.7
	PROGYS 180A	16	10+180	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	78% @ 160 A	120 A	18%	85 A	72 V	7 kW	10 kVA	031425 - 42 × 17 × 37 / 7.7 013742 - 40 × 30 × 25 / 7.8 013803 - 47 × 21 × 38 / 8.3 064836 - 40 × 30 × 25 / 7.3
	PROGYS 183 E	16	10+180	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	78% @ 160 A	120 A	18%	85 A	73 V	7 kW	10 kVA	47 × 22 × 39 / 9.5
	PROGYS 200A PFC	16	10+200	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	64% @ 200 A	120 A	22%	90 A	96 V	7 kW	10 kVA	47 × 22 × 39 / 9.5
	PROGYS 200E FV CEL	230V	16	10+200	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	80% @ 200 A	135 A	25%	115 A	108 V	7 kW	10 kVA	030862 - 44 × 27 × 37 / 12.8 031852 - 48 × 33 × 31 / 9.3
		110V	32	10+140	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	80% @ 200 A	90 A	40%	115 A	108 V	7 kW	10 kVA	
		230V	16	5+220	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	80% @ 220 A	145 A	22%	120 A	77.5 V	8.5 kW	12.5 kVA	51 × 29 × 37 / 13.2
	PROGYS 220E FV CEL	230V	32	5+220	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	80% @ 220 A	175 A	25%	145 A	69 V	8.5 kW	12.5 kVA	
		110V	32	5+140	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	80% @ 220 A	120 A	40%	100 A	69 V	8.5 kW	12.5 kVA	
		230V	16	5+140	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	100% @ 230 A	180 A	40%	150 A	100 V	10 kW	12.5 kVA	61 × 35 × 46 / 23.7
PROGYS FLEX 280 CEL	110+230V	16	5+280	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	100% @ 230 A	180 A	40%	150 A	100 V	10 kW	12.5 kVA	61 × 35 × 46 / 23.7	
	300+480V	16	5+280	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	100% @ 230 A	200 A	35%	170 A	100 V	10 kW	12.5 kVA		





GYSARC PRO

# MMA INVERTER



**VRD inside**  
Voltage Reduction Device  
Software & Hardware protection

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



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



Compatible



**EXATIG**  
013780



## 4 in 1

- 1** MMA
- 2** TIG DC LIFT  
Torches & consumables p. 33
- 3** GOUGING  
Accessories p. 15
- 4** TIG HF • Exatig



110, 230 V • 1 ~

400 V • 3 ~

### GYSARC 220 FV CEL

110 + 230 V • 1 ~

**220 A** ⚡ Ø 1.6+5 mm

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

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

**P400 PFC FV**

**VRD inside** **HS** **AF** **CEL** cellulosic

**Dynamic arc system** **MMA PULSE** **Anti Sticking**

**TIG LIFT** **TIG PULSE** **AD** **IP 23**

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

### GYSARC 300 TRI

400 V • 3 ~

**300 A** ⚡ Ø 1.6+6.3 mm

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

**TIG LIFT** **GOUGING** **IP 23**

no accessories:  
064959

### GYSARC 400 TRI

400 V • 3 ~

**400 A** ⚡ Ø 1.6+6.3 mm

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

**TIG LIFT** **GOUGING** **IP 23**

no accessories:  
013551

### OPTIONS

**Gouging Torch - Pince de gougeage**  
- Fugenhobel-Zange  
1 000 A  
041516

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

**Gouging - Electrodes - Electrodes de gougeage - Fugenhobelektrode - Electrodes de carbono**

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

### OPTIONS

**Filter kit**  
046580



**Hand remote control**  
RC-HA1

8 m 045675  
20 m 066625



**MMA KIT 7**  
500 A  
047419

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

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



GYSARC	Model	I <sub>2</sub>	INTEGRATED TECHNOLOGY								X% GYS (20°C)	EN60974-1 (40°C)			Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg
			P400	VRD	HS	AF	Anti sticking	CEL	TIG Lift	IP 23		I (60%)	X% (I2 max)	100%			
GYSARC 220 FV CEL	1	16	50/60 Hz	m	A	A											
			230V	2	10+220							40% @ 220 A	130 A	20%	100 A	86 V	10 kW
GYSARC 300 TRI	3	32	110V	2	32	10+120											
			400V	3	20+300						100% @ 300 A	300 A	60%	230 A	83 V	10 kW	12.5 kVA
GYSARC 400 TRI	3	32	400V	4	32	20+400											

**ELECTRODE HOLDERS** - Porte-électrodes - Elektrodenhalter - Portaelectrodos - Elektrodenhouder - Porta electrodos

**HELIX, VESTALE & PYTHON**



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

**SHARK**



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

**ELECTRODE HOLDER KITS**

- Porte-électrodes assemblées  
- Montierter Elektrodenhalter



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

**MMA KITS (ELECTRODE HOLDER + EARTH CLAMP + CABLE/CONNECTORS)**

- KIT pour postes MMA (câbles + pinces + connecteurs)  
- Kit MMA (cables + pinzas + conectadores)  
- MMA-Sets (Elektrodenhalter + Masseklemme montiert)



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

**TIG TORCH WITH VALVE** - Option TIG lift - WIG-Schlauchpaket

TIG torch kit SR17V (valve)  
4 m

for 10/25 mm<sup>2</sup>, Ø13 :  
✓ GYSMI 130P / 160P / 200P / E160 / E163 / E200 FV  
✓ PROGYS 160LA / 180A / 183E  
↔ 38 x 31 x 11 cm / 2 kg  
044425

for 35/50 mm<sup>2</sup>, Ø13 :  
✓ GYSARC 220 FV CEL / 300TRI / 400TRI  
✓ PROGYS 200A PFC / 200E FV CEL / 220E FV CEL / 250 TRI / CEL 250 TRI / FLEX 280 CEL / EXAGON 400 / EXAGON 400 FLEX  
↔ 38 x 31 x 10 cm / 2.2 kg  
044401



BINZEL

**ELECTRODE HOLDER STAND WITH MAGNETIC BASE**

- Support porte-électrodes magnétique  
- magnetischer Elektrodenhalter

↔ 11 x 12 x 17 cm  
▲ 760 g

038028



**GOUGING** - Gougeage - Fugenhobeln



Gouging Torch - Pince de gougeage - Fugenhobel-Zange  
1 000 A  
↔ 38 x 31 x 11 cm / 2.7 kg

041516



Cable for gouging torch  
- Câble pour pince de gougeage  
- Anschlusskabel für Fugenhobel-Brenner  
70 mm<sup>2</sup> - 5 m  
↔ 30 x 29 x 14 cm / 4.3 kg

040670



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

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

**CHIPPING HAMMERS** - Marteaux à piquer - 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



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



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



**STEEL/ACIER**

6013 - Rutile - Rutile - Rutilos - Rutielen - Rútilos

**Norms - Normes - 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



Ø	Length	Weight	Diagram	Code	kg	
A	Ø 1.6	300	210	■	085114	1.54
	Ø 2.0	350	155	■	085121	2.05
	Ø 2.5	350	110	■	085138	2.16
	Ø 3.2	350	70	■	085145	2.16
B	Ø 4.0	350	47	■	085152	2.12
	Ø 2.0	350	355	■	085022	4.72
	Ø 2.5	350	230	■	085039	4.39
	Ø 3.2	350	165	■	085046	4.88
Ø 4.0	350	110	■	085053	5.04	



Ø	Length	Weight	Code
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



Ø	Length	Weight	Code
Ø 2.5	75		081598
	252		086005
Ø 3.2	54		081604
	172		086012
Ø 4.0	117		086029

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

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

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



Ø	Length	Weight	Code
Ø 2.0	13		A 066717
	10		A 066724
Ø 2.5	210		B 081918
	84		081970
Ø 3.2	7		A 066731
	130		B 081925
Ø 4.0	54		081987
	6		A 066748
Ø 4.0	96		B 081932
	38		081994

**ALUMINIUM - Aluminium - Aluminio**

4043

**Norms - Normes - 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



Ø	Length	Weight	Code
Ø 2.5	7		073708
Ø 3.2	5		084803
Ø 3.2	142		081949

**STAINLESS STEEL - Acier inoxydable - Edelstahl**

312R



**Position**  
  
 Polarity (+)

**Norms - Normes - Normen - Norma**  
 AWS 5.4 / E312-16  
 EN ISO 3581-A / E 29 9 R

**Dissimilar Electrodes - Maintenance & Repair**

Ø	Length	Weight	Code
Ø 2.0	84		073661
Ø 2.5	54		081475
Ø 3.2	28		081468
Ø 4.0	19		073678

308L



**Position**  
  
 Polarity (+)

**Norms - Normes - Normen - Norma**  
 AWS A 5.4 : E 308 L-17  
 EN ISO 3581-A : E 19 9L R32

Ø	Length	Weight	Code
Ø 2.0	14		073692
Ø 2.5	10		082328

316L



**Position**  
  
 Polarity (+)

**Norms - Normes - 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

Ø	Length	Weight	Code
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

**CAST IRON - Fonte - Gusselektroden - Hierro Colado - Gießtizer - Ferro Fundido**



**Norms - Normes - Normen - Norma**  
 AWS A 5.15 : E Ni Fe C1  
 EN ISO 1071 : EC NiFe-C11  
 DIN 8573 : E Ni Fe BG 13

**Position**  
  
 Polarity (+)  
**Mechanic**  
 Re : 390 MPa  
 Rm : 550 MPa

Ø	Length	Weight	Code
Ø 2.5	12		083332
Ø 3.2	9		083349
Ø 3.2	156		081956

**HARDFACING - Rechargement - Auftragschweißen - Recargue - Herladen - Enchimento**



**Norms - Normes - Normen - Norma**  
 EN 14700 : E Fe 2  
 DIN 8555 : E2-UM-60

**Position**  
  
 Polarity (-)  
**Mechanic**  
 55/60 HRC  
 580-610 HB

Ø	Length	Weight	Code
Ø 3.2	450	141	081529
Ø 4.0	450	93	081512

Ø	Length	Weight	Code
Ø 2.5	350	46	081543
Ø 3.2	450	22	081574
Ø 4.0	450	14	081581

**ELECTRODE CANISTER - Carquois isothermique pour électrodes - Thermo-Isolierbox für Schweißelektroden**

Capacity - Capacité - Kapazität - Capacidad : 7 kg - 105°C  
 50 x 12 x 11 cm / 430 g

060258



**ELECTRODES OVEN - Étuves électrodes - Elektrodenofen**

**DRY 5.150**  
 Capacity : 5 kg - 150°C  
 18 x 21 x 63 cm / 3.2 kg  
 060685



**DRY 5.200R**  
 Capacity : 5 kg - 50-200°C  
 18 x 20 x 64 cm / 3.3 kg  
 060692



**DRY 10.350R**  
 Capacity : 10 kg - 50-400°C  
 25 x 24 x 68 cm / 5.5 kg  
 060708





# TIG/GTAW

**DC**  
160 > 400 A

PROTIG DC	20
TITAN	24

**AC/DC**  
200 > 400 A

PROTIG AC/DC	26
TITANIUM	28

COMPLETE PACKS	30
ACCESSORIES & CONSUMABLES	31

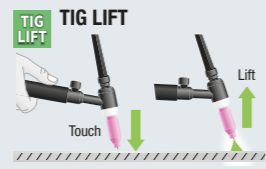


PROTIG

TIG DC



Youtube



EN 1090



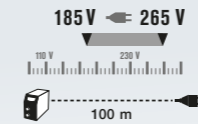
PATENTS REGISTERED EUROPEAN TRADEMARK & DESIGN

P400 PROTEC 400

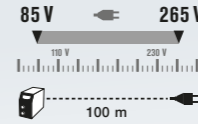


Tested on 400 V in production Testé en production à 400 V

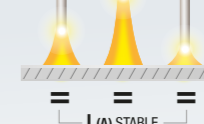
PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE



SR SECONDARY REGULATION



AID ADJUST IDEAL POSITION



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	

PFC EN 61000-3-12 FV FLEXIBLE VOLTAGE

NEW DESIGN Adjustable Downslope Automatic Postgas



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



35/50 mm<sup>2</sup> Ø 13 mm

PROTIG 160 DC Lift

160 A 230V • 1~

P400 L/DB TIG LIFT



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

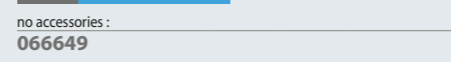
077287

PROTIG 161 DC

160 A 230V • 1~

P400 SR AID TIG PULSE

L/DB MMA PULSE



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

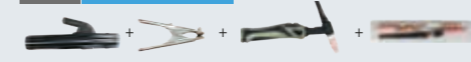
062054

PROTIG 200 DC

200 A 230V • 1~

P400 SR AID TIG PULSE

L/DB MMA PULSE



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

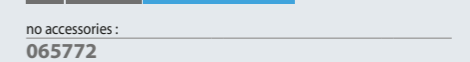
062009

PROTIG 201 DC FV

200 A 110→230V • 1~

P400 PFC FV SR VRD inside AID TIG PULSE

L/DB/P MMA PULSE



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

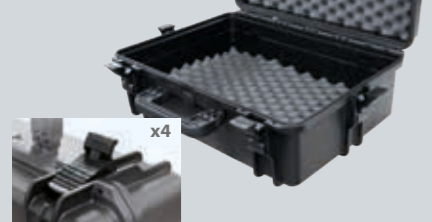
065765

OPTIONS

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

✓ 160 DC-LIFT ✓ 161 DC

060432



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



Foot pedal RC-FA1 4m 045682

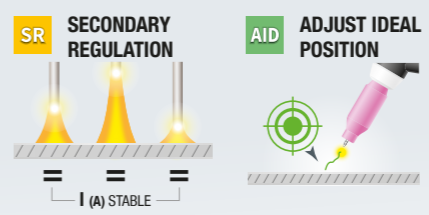
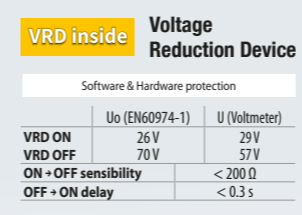


Hand remote control RC-HA1

8m 045675 20m 066625



CE NORM. EN60974-1	50/60 Hz	I <sub>2</sub> TIG	I <sub>2</sub> MMA	INTEGRATED TECHNOLOGY								TIG			MMA		U <sub>o</sub>	Protected & compatible power generator (+/-15%)	L x W x H cm / kg			
				P400	PFC	FV	SR	VRD	AID	TIG PULSE	MMA PULSE	EN60974-1 (40°C)	EN60974-1 (40°C)	IA (60%)	X% (I <sub>2</sub> max)	100%				IA (60%)	X% (I <sub>2</sub> max)	
MADE IN FRANCE	PROTIG 160 DC Lift	230V 1~	16	20+160	20+160	■	—	—	—	—	—	—	—	95 A	22 %	—	80 A	17 %	72 V	6 kW	7.5 kVA	35 x 23 x 36 / 9.5
	PROTIG 161 DC	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	6 kW	7.5 kVA	066649 - 51 x 28 x 38 / 8.9 062054 - 36 x 24 x 35 / 13
MADE IN GYS CHINA	PROTIG 200 DC	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	7.5 kW	10 kW	46 x 31 x 37 / 16
MADE IN FRANCE	PROTIG 201 DC FV	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	7.5 kVA	065772 - 51 x 29 x 38 / 11.4 065765 - 51 x 30 x 38 / 15.7	
		230V 1~	16	10+200	10+200	■	■	■	■	■	■	■	0.1+2000 Hz	0.4+20 Hz	165 A	35 %	140 A	135 A				20 %



**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**

**PROTIG 231 DC FV**

**230 A** 110 → 230 V • 1~

**P400 PFC FV SR VRD inside AID TIG PULSE L/DB/P MMA PULSE**

no accessories:  
**079304**

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

**079311**

**PROTIG 231L DC PFC**

**230 A** 230 V • 1~

**P400 PFC SR VRD inside AID TIG PULSE L/DB/P MMA PULSE**

no accessories:  
**079328**

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

**079335**

**TIG 300 DC**

**300 A** 400 V • 3~

**SR AID TIG PULSE CONNECT 5 ARC ON L/DB/P CEL cellulotic MMA PULSE AD IP 23**

no accessories:  
**012318**



CE NO M. EN60974-1 MADE IN FRANCE	50 / 60 Hz	I <sub>2</sub> TIG	I <sub>2</sub> MMA	INTEGRATED TECHNOLOGY											TIG			MMA		Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg			
				P400	PFC	FV	SR	VRD	AID	TIG PULSE	MMA PULSE	CEL	AD	IP23	EN60974-1 (40°C)		EN60974-1 (40°C)		U <sub>o</sub>				8.5 kW		
															IA (60%)	X% (I <sub>2</sub> max)	IA (60%)	X% (I <sub>2</sub> max)							
<b>PROTIG 221 DC FV</b>	110V 1~	32	5 → 180	10 → 140	■	■	■	■	■	■	■	■	■	■	■	■	125 A	40 %	140 A	30 %	76 V	8.5 kW	51 × 28 × 38 / 12.6	45 × 22 × 34 / 11.2	
	230V 1~	13	5 → 220	10 → 200	■	■	■	■	■	■	■	■	■	■	■	■	165 A	35 %	140 A	25 %	76 V	8.5 kW	51 × 28 × 38 / 12.6	45 × 22 × 34 / 11.2	
<b>PROTIG 231 DC FV</b>	110V 1~	16	10 → 160	10 → 120	■	■	■	■	■	■	■	■	■	■	■	■	110 A	20 %	95 A	15 %	65 V	8.5 kW	079304 - 51 × 30 × 38 / 11.4	41.5 × 20 × 32.5 / 10	
	230V 1~	16	10 → 230	10 → 200	■	■	■	■	■	■	■	■	■	■	■	■	160 A	23 %	140 A	25 %	80 V	8.5 kW	079311 - 51 × 30 × 38 / 15.9	41.5 × 20 × 32.5 / 10	
<b>PROTIG 231L DC PFC</b>	230V 1~	16	10 → 230	10 → 200	■	■	■	■	■	■	■	■	■	■	■	■	160 A	23 %	140 A	25 %	80 V	8.5 kW	079328 - 51 × 30 × 59 / 17.5	43.7 × 20 × 46.9 / 10	
<b>TIG 300 DC</b>	400V 3~	16	5 → 300	10 → 250	■	■	■	■	■	■	■	■	■	■	■	■	255 A	35 %	240 A	30 %	90 V	10 kW	12.5 KVA	61 × 35 × 46 / 23.3	52 × 24 × 32 / 21.5



# TIG DC

## TIG

STANDARD DC	SPOT	LIFT
PULSE	TACK	

**WAVE FORMS**

Pulse 4 combinations

- Square
- ▤ Trapeze
- △ Sinus
- ▲ Triangle

**E WELD**

**CONSTANT ENERGY**

## MMA

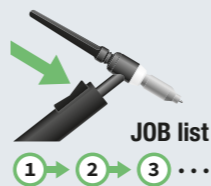
STANDARD	PULSE
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## EVOLUTION

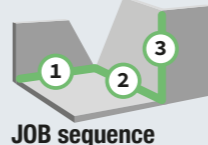
SOFTWARE UPDATE

## PRODUCTIVITY

QUICK LOAD



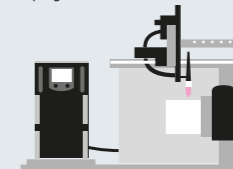
MULTIJOB



## AUTOMATION

CONNECT 5 ARC ON

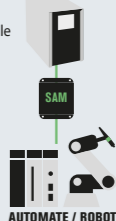
for Automation (5 programs)



SAM ✓

Automation module compatibility

SAM (details p.59)



AD ANTI-DUST VENTILATION CORRIDOR



**NEW**



TIG HF MULTI SPOT MULTI TACK

VRD inside Voltage Reduction Device

Software & Hardware protection	
Uo (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

TITAN 231 DC FV

<b>230 A</b>	230 V • 1~
SR VRD inside PFC FV AID L/DB/P	
AD 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

5 m 400V



EN 1090

70/95 mm<sup>2</sup> Ø 13 mm

TITAN 400 DC

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

no accessories: 013520

### OPTIONS

**Filter kit for Titan 400**  
046580

**USB key for Titan 400**  
16 Go/GB included  
062344

**QUICK ASSEMBLY**  
Cooling unit quick connection  
076006

Foot pedal RC-FA1 4 m 045682



Hand remote control RC-HA1 8 m 045675 20 m 066625



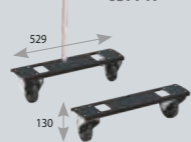
Remote control RC-HD2 062122



details p.54



Skate TITAN (+WCU) for Titan 400 700 x 100 x 350 mm 037717



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



EN 60974-1	MADE IN FRANCE	50/60 Hz	I <sub>2</sub> TIG	I <sub>2</sub> MMA	INTEGRATED TECHNOLOGY							TIG		MMA		U <sub>o</sub>	Protected & compatible power generator (+/-15%)	L × W × H cm / kg	L × W × H cm / kg			
					SR	VRD	TIG PULSE	E WELD	WAVE FORMS	MMA PULSE	CEL	IP23	I (60%)	X% (I <sub>2</sub> max)	100%					IA (60%)	X% (I <sub>2</sub> max)	
<b>TITAN 231 DC FV</b>	230V 1~	16	3 → 230	5 → 230	■	■	0.1 → 2 000 Hz	■	■	■	■	■	■	215 A	45 %	200 A	175 A	25 %	77.5 V	12.5 kVA	51 × 30 × 47 / 18.2	49 × 27 × 40 / 16
	110V 1~	32												120 A	45 %	100 A	85 A	23 %	69 V			
<b>TITAN 400 DC</b>		32	3 → 400	5 → 400	■	■	0.1 → 20 000 Hz	■	■	■	■	■	■	400 A	60 %	360 A	400 A	60 %	82 V	30 kW	81 × 39 × 59 / 41.5	75 × 30 × 53 / 39



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

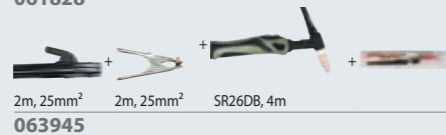
<b>200 A</b>	230V • 1~
P400 SR VRD inside	TIG PULSE
L/DB AD	MMA PULSE



#### PROTIG 201 AC/DC FV

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

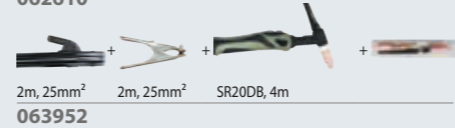
no accessories:  
061828



#### PROTIG 201L AC/DC

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

no accessories:  
062610



#### 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

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

no accessories:  
012004



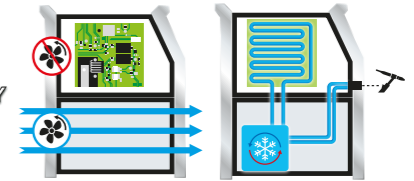
ALU SHOCK RESISTANT

FAN LESS

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

100% DUST PROOF

LIQUID COOLED ELECTRONICS



PROTIG

TIG AC/DC

OPTIONS



#### Cooling liquid (not included)

5L 062511  
10L 052246



#### Screen protections (x5) 044043



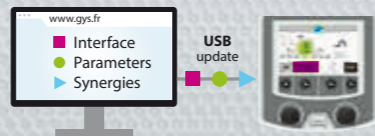
CE NORM EN60974-1	50/60Hz	A	I <sub>2</sub> TIG		INTEGRATED TECHNOLOGY										TIG			MMA		Freq. AC	Hz	U <sub>o</sub>	mm <sup>2</sup>	Protected & compatible power generator (+/-15%)	L x W x H cm / kg							
			A		P400	PFC	FV	SR	SR	AID	TIG PULSE	IP23	FAN LESS	AD	EN60974-1 (40°C)			EN60974-1 (40°C)														
			AC	DC											I (60%)	X% (I2 max)	100%	I (60%)	X% (I2 max)													
MADE IN GYS CHINA			<b>PROTIG 200 AC/DC</b>		230V-1~	13	10→200	10→160	■	—	—	■	■	■	■	0.1 → 2000Hz (DC) 0.1 → 10 Hz (AC)	—	—	■	AC 90 A	DC 100 A	AC 13%	DC 25%	—	100 A	25%	20 → 200	70 V	Ø 13, 35/50	7.5 kW	10 kVA	47 × 34 × 39 / 18.8
MADE IN FRANCE			<b>PROTIG 201 AC/DC FV</b>		110V-1~	20	10→160	10→160	■	■	■	■	■	■	■	0.1 → 2000Hz (DC) 0.1 → 10 Hz (AC)	—	—	■	AC 105 A	DC 120 A	AC 20%	DC 25%	—	90 A	32%	20 → 200	70 V	Ø 13, 35/50	7.5 kW		061828 - 51 × 30 × 47 / 16.6 063945 - 51 × 30 × 47 / 21.1
			<b>PROTIG 201 L AC/DC</b>		230V-1~	13	10→200	10→160	■	■	—	■	■	■	■	0.1 → 2000Hz (DC) 0.1 → 10 Hz (AC)	—	—	■	AC 90 A	DC 100 A	AC 13%	DC 25%	—	100 A	25%	20 → 200	70 V	Ø 13, 35/50	7.5 kW		062610 - 51 × 30 × 47 / 24.1 063952 - 51 × 30 × 47 / 28.8
			<b>TIG 250 AC/DC</b>		400V-3~	16	10→250	5→250	—	—	—	■	■	■	■	0.1 → 2500Hz (DC) 0.1 → 2Hz (AC)	■	■	■	AC/DC: 250 A	AC/DC: 60%	200 A	230 A	40%	20 → 200	85 V	Ø 13, 35/50	10 kW	12.5 kVA	76 × 47 × 79 / 58		



TITANIUM

# TIG AC/DC

## CUSTOMISATION



## ACCESSIBILITY

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

TIG DC Synergic

TIG AC Pulse

TIG DC Tack



## TIG

STANDARD AC/DC | HF / LIFT / TOUCH HF | WAVE FORMS | E TIG | HF REG

PULSE | SPOT / MULTISPOT | AC & Pulse 16 combinations | CONSTANT ENERGY

FAST PULSE 2.5 > 20 kHz | TACK / MULTITACK | Square, Trapeze, Sinus, Triangle

AC MIX

## MMA

STANDARD PULSE | 15 · 150 HZ

MMA AC | WAVE FORMS

## MANUAL

QUICK LOAD | MULTIJOB

JOB list (1, 2, 3...)

JOB sequence (1, 2, 3)

## AUTOMATION

CONNECT 5 ARC ON | SAM Automation module compatibility SAM (details p.59)

for Automation (5 programs)

AUTOMATE / ROBOT

## WIZARD ALU

Alu Spot welding without filler metal

## TIG WIZARD

Welding research & development

9 STEPS

DC, AC, DC PULSE, AC PULSE

## DEGAUSS

Pack

TITANIUM 400 DEGAUSS	RC-DEGAUSS, 8m	DEGAUSS cables kit	DEGAUSS USB key
067981	066496	067929	067974

## CONNECTIVITY

TRACEABILITY: History data export

QMOS - WPQR, DMOS - WPS

ENERGY CONTROL: 20 kHz, kJ or kJ/cm

PORTABILITY: Share configuration & jobs

SOFTWARE UPDATE: Titanium evolutions

IP 23 INDOOR / OUTDOOR

Remote control RC-HD2 062122

details p.54

QUICK CONNECT

QUICK ASSEMBLY

Cooling unit quick connection Titanium 230 076006

5 m 400V



TITANIUM 230 AC/DC FV

230 A | 110-230V · 1~ | 230A 35% TIG

PFC FV SR L/DB/P IP 23 TIG PULSE

MMA PULSE

no accessories: 061996

SR26DB, 8m 075924

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

TITANIUM 400 AC/DC

400 A | 400V · 3~ | 400A 60% TIG

SR L/DB/P IP 23 TIG PULSE

MMA PULSE

no accessories: 013568

### OPTIONS

for Titanium 230 Diablo 10m <sup>3</sup> XL 076341	for Titanium 230 Skate 073593	Trolley 10m <sup>3</sup> L 075498 details p.103	for Titanium 230 Cooling unit Koolweld 1 800 W, 5.5 l, 15 kg liquid not included 070820	for Titanium 400 Cooling unit WCU 1kW C 1000 W, 5.5 l, 15 kg liquid not included 013537	Foot pedal RC-FA1 4 m 045682	Hand remote control RC-HA1 8m 045675 20m 066625	Filter kit 046580	USB key 16 Go/GB included 062344
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Model	Voltage	I <sub>2</sub> TIG	INTEGRATED TECHNOLOGY							EN60974-1 (40°C) TIG			EN60974-1 (40°C) MMA		Freq. AC	U <sub>o</sub>	mm <sup>2</sup>	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg		
			TIG PULSE	ETIG	WAVE FORMS	MMA PULSE	CEL	AD	IP23	I (60%)	X% (I2 max)	100%	I (60%)	X% (I2 max)								
TITANIUM 230 AC/DC FV	110V 1~	32	140 A	SR								140 A	100%	140 A	130 A	50%	20+300	53	Ø13 35/50	8,5 kW	60 x 39 x 48 / 25.5	50 x 25 x 44 / 23.6
	230V 1~	16	5+230 (AC) 3+230 (DC)		0.1+20 000 Hz (DC) 0.1+500 Hz (AC)							190 A	35%	160 A	160 A	20%						
TITANIUM 400 AC/DC	400V 3~	16	5+400 (AC) 3+400 (DC)		0.1+20 000 Hz (DC) 0.1+500 Hz (AC)							400 A	60%	360 A	400 A	60%	20+300	85	Ø13 70/95	30 kW	81 x 38 x 58 / 42.5	71 x 28 x 48 / 39.7



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

TIG 300 DC					
pack TIG 300 DC AL1 012325	SR26 L, 8 m 046184	—	4 m, 25 mm² 043794	—	—
pack TIG 300 DC AL2 012332	SR26 L, 8 m 046184	—	4 m, 25 mm² 043794	—	Diable 10m³ XL 076341
pack TIG 300 DC ADB1 012349	—	SR26 DB, 8 m 046177	4 m, 25 mm² 043794	—	—
pack TIG 300 DC ADB2 012356	—	SR26 DB, 8 m 046177	4 m, 25 mm² 043794	—	Diable 10m³ XL 076341
pack TIG 300 DC WL1 012363	SR20 L, 8 m 046153	—	4 m, 25 mm² 043794	WCU0.5kW B 032217	—
pack TIG 300 DC WDB1 012370	—	SR20 DB, 8 m 046146	4 m, 25 mm² 043794	WCU0.5kW B 032217	Diable 10m³ XL 076341
pack TIG 300 DC WDB2 012509	—	SR20 DB, 4 m 046146	4 m, 25 mm² 043794	WCU0.5kW B 032217	Diable 10m³ XL 076341

TITAN 231 DC					
pack TITAN 231 DC AL 081253	SR26 L, 8 m 046184	—	4 m, 25 mm² 043794	—	—
pack TITAN 231 DC WL 081260	SR20 L, 8 m 046153	—	4 m, 25 mm² 043794	Koolweld 1 070820	Diable 10m³ XL 076341
pack TITAN 231 DC WDB 081277	—	SR20 DB, 8 m 046146	4 m, 25 mm² 043794	Koolweld 1 070820	Diable 10m³ XL 076341

TITAN 400 DC					
pack TITAN 400 DC WL 081369	450 W L, 8 m 037359	—	4 m, 70 mm² 043831	WCU1kW C 013537	Trolley 10m³ L 075498
pack TITAN 400 DC WDB 081376	—	450 W DB, 8 m 037366	4 m, 70 mm² 043831	WCU1kW C 013537	Trolley 10m³ L 075498

PROTIG 201 AC/DC					
pack PROTIG 201 AC/DC L 066342	SR26 L, 8 m 046184	4 m, 25 mm² 043855	4 m, 25 mm² 043794	Diable 10m³ XL 076341	Ø 6,3/12 - 1,5 m 066670

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

TIG 250 AC/DC					
pack TIG 250 AC/DC L 035430	SR18 L, 8 m 045378	—	4 m, 25 mm² 043794	—	Skate 040960
pack TIG 250 AC/DC DB 012301	—	SR18 DB, 8 m 046092	4 m, 25 mm² 043794	—	Skate 040960

TITANIUM 230 AC/DC FV					
pack TITANIUM 230 AC/DC FV AL1 076976	SR26 L, 8 m 046184	—	4 m, 25 mm² 043794	—	—
pack TITANIUM 230 AC/DC FV AL2 076983	SR26 L, 8 m 046184	—	4 m, 25 mm² 043794	—	Diable 10m³ XL 076341
pack TITANIUM 230 AC/DC FV ADB2 077027	—	SR26 DB, 8 m 046177	4 m, 25 mm² 043794	—	Diable 10m³ XL 076341
pack TITANIUM 230 AC/DC FV WL1 076990	SR20 L, 8 m 046153	—	4 m, 25 mm² 043794	Koolweld 1 070820	—
pack TITANIUM 230 AC/DC FV WL2 077003	SR20 L, 8 m 046153	—	4 m, 25 mm² 043794	Koolweld 1 070820	Diable 10m³ XL 076341
pack TITANIUM 230 AC/DC FV WDB1 077034	—	SR20 DB, 8 m 046146	4 m, 25 mm² 043794	Koolweld 1 070820	—
pack TITANIUM 230 AC/DC FV WDB2 077041	—	SR20 DB, 8 m 038202	4 m, 25 mm² 043794	Koolweld 1 070820	Diable 10m³ XL 076341

TITANIUM 400 AC/DC					
pack TITANIUM 400 AC/DC WL 081383	450 W L, 8 m 037359	—	4 m, 70 mm² 043831	WCU1kW C 013537	Trolley 10m³ L 075498
pack TITANIUM 400 AC/DC WDB 081390	—	450 W DB, 8 m 037366	4 m, 70 mm² 043831	WCU1kW C 013537	Trolley 10m³ L 075498

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

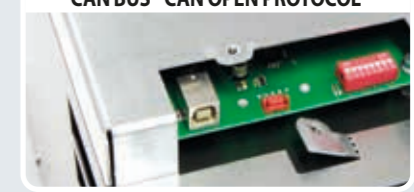
no accessories : 012448  
with R-CAN 120R : 075221

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

35/70mm² Ø 13 mm

CAN BUS - CAN OPEN PROTOCOL

ORBITIG 200A	50/60 Hz	A	I <sub>2</sub>	EN60974-1 (40°C)			mm²	L x W x H cm / kg	L x W x H cm / kg
				X% (I <sub>2</sub> max)	I <sub>2</sub> (60%)	I <sub>2</sub> (100%)			
	110V 1~	32	5 → 180	40%	125A	110A	35/70	51 x 30 x 36 / 10.4	39 x 16 x 29 / 9.4
	230V 1~	16	5 → 220	35%	165A	140A			





# TIG FILLER RODS - Métaux d'apport TIG - WIG-Schweißstäbe

	Ø (mm)	↔ (m)	⌘	Δ (kg)	
Steel - Acier - Stahl (SG2) AWS A 5.18 : ER70S-6 EN ISO 636A : W46 4 W35i1	1.2	1	587	5.16	069411
	1.6	0.33	60	0.32	087224
		1	319	5.01	087019
	2.0	0.33	40	0.36	087231
		1	204	5	087217
Stainless - Inox - Edelstahl (308L) AWS A 5.9 : ER 308L EN ISO 14343A : W199L	1.2	0.33	27	0.34	069572
		1	142	5.14	087033
	1.6	0.33	108	0.34	069510
		1	110	1.04	069497
		1	560	5.18	087118
Stainless - Inox - Edelstahl (316L) AWS A 5.9 : ER 316L EN ISO 14343A : W19 12 3L	1.2	0.33	60	0.36	087255
		1	40	1.06	069435
	1.6	0.33	40	0.34	087279
		1	205	5.18	087163
		1	110	1.04	069442
Aluminium - Alu - Aluminium (AlMg5) AWS A 5.10 : ER 5356 EN ISO 18273 : 5 Al 5356	1.2	0.33	108	0.36	069527
		1	560	5.2	069480
	1.6	0.33	60	0.15	069534
	2.0	0.33	40	0.14	087286
		1	920	5.11	087170
Copper - Cuivre - Kupfer (ErCu) Brass - Laiton - Bronze (CuZn40) Titanium - Titane - Titan (T40 ERTI-2)	2.0	0.33	27	0.14	069565
	2.0	0.33	36	0.36	069558
	2.0	0.33	5	0.06	047280
	2.4	0.33	27	0.14	069558
	2.4	0.33	40	0.14	087286

# TIG FILLER RODS FEEDER PEN - Stylo métaux d'apport TIG - WIG Pen zur Führung des WIG-Stabes



for Ø 1.0 - 3.2 mm  
130 x 15 mm  
065857

# REMOTE CONTROL - Commandes déportées - Fernregler

- Foot pedal RC- FA1 (4 m)  
045682
- Remote control RC- HA1  
8 m 045675  
20 m 066625
- Connector  
7 pt 045699

# TIG TORCH STAND WITH MAGNETIC BASE - Support torche TIG magnétique - WIG-Brennerhalter mit Magnetfuß

045002

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

MIG / MAG / TIG  
Torch Gas Flow Meter  
Débitmètre bout de torche  
Durchflussmessrohr  
053939

# TUNGSTEN ELECTRODES - Électrodes tungstène - Wolfram Elektroden

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

# TUNGSTEN ELECTRODE GRINDER - WAG 40 / Affuteur électrodes tungstène - Wolframelektroden-Anschleifgerät

with accessories: 045415

**INCLUDED**  
Electrode adaptor - Adaptateur électrode - Spannzanze Ø 1.6 - Ø 2.4 - Ø 3.2 mm  
Dust filter - Filtre poussière - Filterkassette 045422  
Diamond blade cutting disc Ø 40 / Disque diamanté Ø 40 / Diamantschleifscheibe Ø 40 045439

Electrode adaptors - Adaptateurs électrode - Spannzanze  
Ø 1 045446  
Ø 2 045453  
Ø 4 045460

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

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

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

**BEST FROM GERMANY**

**TORCH CONNECTIONS - Connexions torche**  
DIN (5pts) x1 045729  
Amphenol (7 pts, male) x1 046238  
Amphenol (7 pts, female) x1 064379  
ADAPTOR / ADAPTATEUR Female / Femelle > Male / Mâle  
DIN 5 pts > Amphenol 7 pts (x1) 038486  
Amphenol 7 pts > DIN 5 pts (x1) 038493  
GAZ - GAS Ø 5 mm x2 045705



V	L	SR 9				SR 20			SR 17		SR 18			SR 26		260 W		450 W	
		L	DB	L	DB	P	V	STANDARD	DB	L	DB	L	DB	P	L	DB	L	DB	P
		GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP
EN 60974-7	X% DC 110 A (60%) 95 A (60%)	X% AC 110 A (35%) 80 A (35%)	220 A (100%)	240 A (100%)	170 A (100%)	140 A (60%)	140 A (35%)	320 A (100%) 240 A (100%)	320 A (35%) 230 A (100%)	240 A (60%) 200 A (60%)	180 A (35%)	240 A (100%) 170 A (100%)	400 A (100%)	280 A (100%)					
Ø 10/25	4 m	—	—	—	—	044425	—	—	—	—	—	—	—	—	—	—	—	—	
Ø 35/50 AMPHENOL	4 m	—	—	—	—	044401	073739	069398	072213	046085	073753	038271	072220	039346	—	—	—	—	
EURO connector (MIG)	4 m	—	—	—	—	—	—	046108	—	—	—	—	—	—	—	—	—	—	
8 m	039421	073722	046153	046146	047860	073746	069404	045378	046092	046184	046177	047877	039353	037359	037366	060760	—	—	

**Included with torches**

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

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

# STANDARD

	SR 9 - SR 20	SR 17 - SR 18 - SR 26	260 W	450 W	
Ceramic Gas nozzle - Buse	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	—	—	
Collet body - Support collet	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	—	—
	Insulating ring adaptor - Bague isolante standard	(x1) 044890	(x1) 045040	—	—
Collet - Pince étou	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	—	—	—	
Back cap - Coiffe	Long - Longue	*(x1) 044821	*(x1) 044951	*(x1) 044746	
	Short - Courte	*(x1) 044814	*(x1) 044944	*(x1) 039407	

# PRO

	SR 9 - SR 20	SR 17 - SR 18 - SR 26	260 W	450 W
Gas nozzle ceramic for gas lens - Buse diffuseur	N4 - Ø 6.5	(x3) 044920	—	—
	N 5 - Ø 8.0	—	(x3) 045071	—
	N 6 - Ø 9.5	(x3) 044937	—	—
	N 7 - Ø 11	(x3) 045262	(x3) 045088	—
Nozzle body with gas lens - Support collet diffuseur	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	—	—
Insulating ring adaptor - Bague isolante diffuseur	—	(x1) 045095	—	—
Insulating ring - Bague isolante standard	—	(x1) 045040	—	—



# MIG-MAG

## GMAW-FCAW

### TRADITIONAL 110 > 450 A

SMARTMIG	36
MONOGYS / MAGYS	38

### INVERTER 85 > 500 A

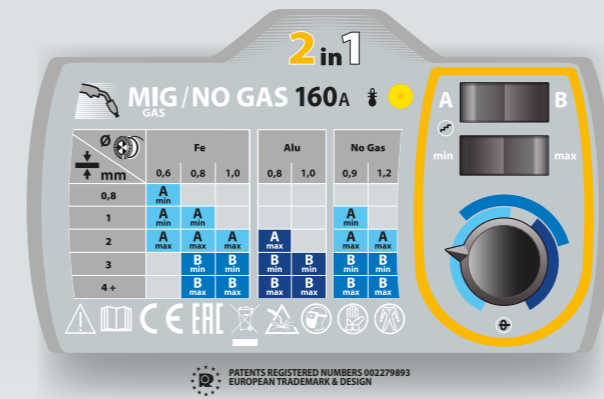
EASYMIG	40
MULTIWELD	42
MULTIPEARL	44
KRONOS	46
NEOMIG-i	50
NEOPULSE	52
EXAGON	62
NOMADFEED/EXATIG	64

AUTOMATION	58
ACCESSORIES & CONSUMABLES	66



# MIG/MAG TRADITIONAL

230 V • 1~



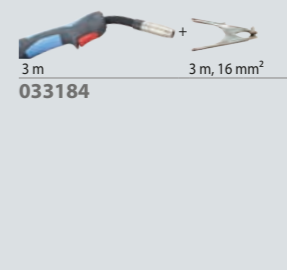
**SMARTMIG 110**  
**110A** ⚡ ⌀ 100  
NO GAS

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

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

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

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



OPTIONS



**NO GAS** Fil fourré / Flux cored wire / Fülldrahtelektrode  
**INFO** Flux / Flow / Pulverfüllung Enveloppe métallique / Metallic wrap / Metallischer Außenmantel

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

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

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

**D** 150 A Ref. 041868

EN60974-1	MADE IN GYS CHINA	50 / 60 Hz	A	EURO	min → max	Reg	EN60974-1 (40°C)			Electronic Control	Ø mm			Original equipment		Protected & compatible power generator (+/-15%)	L × W × H cm / kg	L × W × H cm / kg			
							IA (60%)	X% (I2max)	Uo (V)		100 mm 1 kg	200 mm 5 kg	300 mm 15 kg	GAS	NO GAS				TYPE		
<b>SMARTMIG 110</b>		230V 1~	13	—	40 → 110	2	—	85A @ 6%	25.5+30	☞	■	—	—	—	0.6+0.9	0.9	D-044081	0.9	3 kW	40 × 19 × 39 / 13.6	34 × 17 × 34 / 13
<b>SMARTMIG 142</b>		230V 1~	13	—	40 → 140	4	60	90A @ 20%	28+39	☞	■	■	—	0.6+0.8	0.6+0.9	0.6/0.8	A-042339	0.8	3.5 kW	50 × 25 × 44 / 22.5	43 × 24 × 36 / 20
<b>SMARTMIG 152</b>		230V 1~	13	■	40 → 140	4	60	90A @ 20%	28+39	☞	■	■	—	0.6+0.8	0.6+0.9	0.6/0.8	A-042339	0.8	3.5 kW	48 × 45 × 25,5 / 23	43 × 24 × 36 / 20
<b>SMARTMIG 162</b>		230V 1~	16	■	30 → 160	4	70	115A @ 20%	25.5+40	☞	■	■	—	0.6+1.0	0.9+1.2	0.6/0.8	A-042339	0.8	5 kW	56 × 26 × 46 / 28.1	53 × 24 × 44 / 24
<b>SMARTMIG 182</b>		230V 1~	16	■	35 → 180	4	80	140A @ 15%	28+45	☞	■	■	■	0.6+1.0	0.9+1.2	0.6/0.8	A-042339	0.8	6 kW	78 × 30 × 67 / 52	NC

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

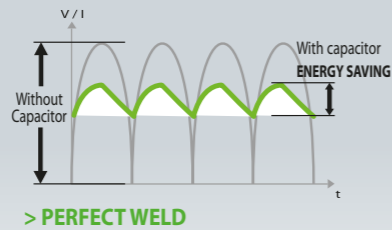


# MIG/MAG TRADITIONAL SYNERGIC



Youtube

## Capacitor TRADITIONAL SYNERGIC MIG/MAG CAPACITOR



### SYNERGIC • EASY TO USE

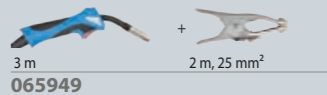
- Auto adaptative wire speed
- Réglage automatique de la vitesse
- Automatische Einstellung der Drahtgeschwindigkeit



#### MONOGYS 200-4 CS

**200 A** ⚡ ⚙️ ⚙️ ⚙️

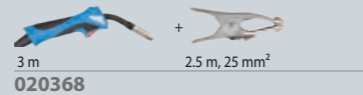
**GAS Capacitor**



#### MONOGYS 250-4 CS

**250 A** ⚡ ⚙️ ⚙️ ⚙️

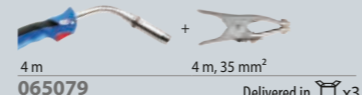
**GAS Capacitor**



#### MONOGYS 320-4 CS

**320 A** ⚡ ⚙️ ⚙️ ⚙️

**GAS NO GAS Capacitor**



no accessories :  
063020

### WF WIRE FEEDER COMPATIBILITY



⚙️ ⚙️ ⚙️ ⚙️  
Ø1/1.2 (original equipment)

**WS-4R**  
**AIR**  
034723

**WS-4L**  
**LIQUID**  
033573

### OPTIONS WS-4R/4L



### COMPLETE PACKS



### MAGYS 500 WS

pack MAGYS	WS-4L					
<b>500 WS 1</b> 032330	033573	—	4m, 70 mm² 043831	10m, liquid, ø 70 mm² 033658	500 A, 4 m, liquid 041004	—
<b>500 WS 4</b> 036475	033573	—	4m, 70 mm² 043831	5m, liquid, ø 70 mm² 033641	500 A, 4 m, liquid 041004	—
<b>500 WS 2</b> 032347	033573	Alu, Ø1/1.2 (x2) 042162	4m, 70 mm² 043831	10m, liquid, ø 70 mm² 033658	—	500 A, 3 m, liquid 046160



Max 10 m³ (50L)

70/95 mm²  
Ø 13 mm



### GENERATOR

#### MAGYS 500 WS

**450 A**

**LIQUID WF GOUGING**

no accessories :  
032200

### OPTIONS

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

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

### Connection cable - Faisceaux de liaison - Zwischenschlauchpakete

**AIR COOLED**

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

**LIQUID COOLED**

1.6 m 70 mm²	033696
5 m 70 mm²	033641
10 m 70 mm²	033658
10 m 95 mm²	034877

Screen protection included with Magys  
046191

Cable support (x4)  
046535

Cooling liquid (not included)

5L	062511
10L	052246

### GOUGING

**Gouging - Gougeage - Fugenhobeln**

Ø8 mm max	041516
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**Cable - Câble - Anschlusskabel**

70 mm² - 5 m	040670
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**Gouging - Electrodes - Electrodes de gougeage - Fugenhobelelektrode - Electrodes de carbono**

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

### ACCESSORIES BOX



DESIGN GYS FRANCE	EN60974-1	EN60974-1 (40°C)				U <sub>0</sub> (V)	Electronic Control	m/min	GAS	NO GAS	TYPE	Original equipment	Protected & compatible power generator (+/-15%)	L x W x H cm / kg						
		IA (60%)	X% (I2 max)	Reg	A															
MADE IN GYS CHINA	EN60974-1	230V 1~	2m	16	25	25+200	6	110	200 A @ 15%	17+34	⚙️	15	0.6 +1.0	—	0.8/1.0	A	041189	1.0 mm	7.5 kW	78 x 38 x 68 / 68
MADE IN GYS CHINA	EN60974-1	240V 1~	2m	25	40	40+250	8	155	250 A @ 15%	17+38	⚙️	20	0.8 +1.2	—	0.8/1.0	B	042360	1.0 mm	9 kW	37 x 80 x 67 / 82
MADE IN FRANCE	EN60974-1	240V 1~	3m	32	50	30+320	12	210	320 A @ 25%	17+43	⚙️	20	0.8 +1.2	0.9 +1.2	1.0/1.2	B	046849	1.2 mm	13 kW	113 x 77 x 116 / 108.4

DESIGN GYS FRANCE	EN60974-1	EN60974-1 (40°C)				U <sub>0</sub> (V)	Electronic Control	m/min	GAS	NO GAS	TYPE	Original equipment	Cooling system	Protected & compatible power generator (+/-15%)	L x W x H cm / kg			
		IA (60%)	X% (I2 max)	Reg	A													
MADE IN FRANCE	EN60974-1	400V 3~	25	32	45+450	30	410	450 A @ 50%	320 A	18-51	—	—	—	—	+ WS-4L or WS-4L	Liquid	30 kW	110 x 49 x 94 / 157
															—	Air	—	034723 - 68 x 35 x 56 / 21.9
															—	Liquid	—	033573 - 69 x 57 x 39 / 22.7



EASYMIG

# MIG/MAG INVERTER

230 V • 1~

3 in 1

GAS  
NO GAS  
MMA



EASYMIG 85

85 A NO GAS



EASYMIG 110

100 A GAS NO GAS MMA



EASYMIG 130

120 A GAS NO GAS MMA



EASYMIG 140

140 A GAS NO GAS MMA



EASYMIG 150

140 A GAS NO GAS MMA



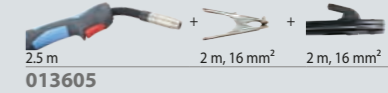
EASYMIG 160

160 A GAS NO GAS MMA



EASYMIG 160 XL

160 A GAS NO GAS MMA



OPTIONS

No Gas Welding Kit Ø 0.9  
- Kit soudage no gaz Ø 0.9  
- Schweißset Fülldraht

NO GAS

041240 150 A type A



CE NORM. EN60974-1	MADE IN GYS CHINA	50/60 Hz	A	EURO	I <sub>2</sub> MMA	I <sub>2</sub> MIG	MIG EN60974-1 (40°C)		MMA EN60974-1 (40°C)		U <sub>o</sub> (V)	Electronic Control	100 mm 1 kg	200 mm 5 kg	300 mm 15 kg	Ø mm			Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica	TYPE	L x W x H cm / kg	L x W x H cm / kg	
							IA (60%)	X% (I <sub>2</sub> max)	IA (60%)	X% (I <sub>2</sub> max)						GAS	NO GAS	MMA					
EASYMIG 85		230V 1~	16	—	—	30+85	50	85 A @ 20%	—	—	30		■	—	—	—	0.6+0.9	—	0.6/ (no gas) / 0.9 (no gas)	D-068926	0.6	39 x 24 x 29 / 7.9	29 x 14 x 20 / 5.6
EASYMIG 110		230V 1~	16	—	20+80	30+100	60	100 A @ 30%	50	80 A @ 30%	62		■	—	—	0.6+0.8	0.6+0.9	1.6+2.5	0.8 (gas) / 0.9 (no gas)	D-039476	0.8/0.9	41 x 19 x 42 / 10.2	34 x 16 x 33 / 7.5
EASYMIG 130		230V 1~	16	—	20+100	30+120	70	120 A @ 20%	60	100 A @ 20%	62		■	—	—	0.6+0.8	0.6+0.9	1.6+3.2	0.8 (gas) / 0.9 (no gas)	D-039476	0.8/0.9	43 x 18 x 42 / 10.5	34 x 16 x 31 / 7.2
EASYMIG 140		230V 1~	16	■	20+120	30+140	80	140 A @ 15%	70	120 A @ 15%	62		■	—	—	0.6+0.8	0.6+0.9	1.6+3.2	0.8 (gas) / 0.9 (no gas)	D-039476	0.8/0.9	43 x 19 x 42 / 11.3	34 x 16 x 31 / 8
EASYMIG 150		230V 1~	16	■	20+120	30+140	80	140 A @ 15%	70	120 A @ 15%	62		■	■	—	0.6+0.8	0.6+0.9	1.6+3.2	0.8 (gas) / 0.9 (no gas)	A-046856	0.8/0.9	52 x 25 x 36 / 13	41 x 21 x 30 / 9.8
EASYMIG 160		230V 1~	16	■	20+140	30+160	95	160 A @ 20%	90	140 A @ 20%	59		■	■	—	0.6+0.8	0.6+0.9	1.6+3.2	0.8 (gas) / 0.9 (no gas)	A-046856	0.8/0.9	50 x 24 x 36 / 14.3	43 x 21 x 31 / 10.3
EASYMIG 160 XL		230V 1~	16	■	20+140	30+160	95	160 A @ 20%	90	140 A @ 20%	59		—	■	■	0.6+0.8	0.6+0.9	1.6+3.2	0.8 (gas) / 0.9 (no gas)	A-046856	0.8/0.9	57 x 30 x 47 / 20.6	51 x 27 x 46 / 16.5



MULTIWELD

# MIG/MAG INVERTER

1~/3~

3 in 1

GAS  
NO GAS  
MMA  
Anti Sticking

INDOOR / OUTDOOR  
IP 23  
✓ 220M-C  
✓ 220M  
✓ 250T  
✓ 320T-C



Ø 200/300

			Multiweld	Included accessories	Set*	No accessories
230 V • 1~	180 A	COMPACT	180M-C	078727	A	—
230 V • 1~	200 A	COMPACT	200M-C	066588	A	—
		WHEELS	200M	066595	A	—
110V / 230 V • 1~	220 A	COMPACT	FV 220M-C	065499	B	—
		WHEELS	FV 220M	065482	B	—
400 V • 3~	250 A	COMPACT	250T-C	078659	C	014572
		WHEELS	250T	078635	C	—
400 V • 3~	320 A	COMPACT	320T-C	079274	D	063037
		WHEELS	320T	079250	D	—
400 V • 3~	400 A	WHEELS	400T	081031	D	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>

EASY TO USE MULTIWELD 180M-C



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



OPTIONS for 400T



NEW

• MULTIWELD 180M-C



2 m 230V 1~

35/50 mm<sup>2</sup> Ø 13 mm

COMPACT

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



3 m 400V 3~

35/50 mm<sup>2</sup> Ø 13 mm

COMPACT

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

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



3 m 400V 3~

35/50 mm<sup>2</sup> Ø 13 mm

WHEELS

- MULTIWELD 400T

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

NEW



5 m 400V 3~

70/95 mm<sup>2</sup> Ø 13 mm

MIG/MAG • INVERTER

MULTIWELD

43



OPTIONS

NO GAS WELDING KIT Ø 0.9  
- Kit soudage no gaz Ø 0.9  
- Schweißset Fülldraht

NO GAS  
more p.69

CO2 Gas heater and regulator

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

36V plug inside



EN60974-1	MADE IN GYS CHINA	50/60 Hz			EN60974-1 (40°C)				U <sub>o</sub> (V)	Electronic Control	200 mm 5 kg	300 mm 15 kg	Ø mm		MMA	TYPE	wheels	Protected & compatible power generator (+/-15%)	L x W x H cm / kg			
		mm <sup>2</sup>	m	A	MIG		MMA						GAS	NO GAS								
		I <sub>2</sub> MMA	I <sub>2</sub> MIG	IA (60%)	X% (I2 max)	IA (60%)	X% (I2 max)	Ø mm					Ø mm									
MULTIWELD 180M-C	230V 1~	3x1.5	2	16	80+150	30+180	110	180 A @ 20%	100	150 A @ 20%	59	■	■	0.6+0.8	0.6+0.9	1.6+3.2	0.8/0.9	A-046856	0.8	—	7.5 kW	58 x 30 x 49 / 21.1
MULTIWELD 200M-C	230V 1~	3x2.5	2	16	20+180	30+200	115	200 A @ 15%	104	200 A @ 15%	65	■	■	0.6+1.2	0.9+1.0	1.6+4	0.8/1.0	A-041189	0.8	—	7.5 kW	70 x 34 x 54 / 32.7
MULTIWELD 200M	230V 1~	3x2.5	2	16	20+180	30+200	115	200 A @ 15%	104	200 A @ 15%	65	■	■	0.6+1.2	0.9+1.0	1.6+4	0.8/1.0	A-041189	0.8	■	7.5 kW	78 x 37 x 68 / 42.2
MULTIWELD FV 220M-C	110V 1~ / 230V 1~	3x2.5	2	16	30+200	30+220	160	220 A @ 20%	140	200 A @ 20%	75	■	■	0.6+1.2	0.9+1.2	1.6+5	0.8/1.0	A-041189	0.8	—	8 kW	71 x 34 x 55 / 32
MULTIWELD FV 220M	110V 1~ / 230V 1~	3x2.5	2	16	30+200	30+220	160	220 A @ 30%	140	200 A @ 20%	75	■	■	0.6+1.2	0.9+1.2	1.6+5	0.8/1.0	A-041189	0.8	■	8 kW	79 x 37 x 67 / 42
MULTIWELD 250T-C	400V 3~	4x1.5	3	16	40+220	40+250	170	250 A @ 20%	150	220 A @ 20%	59	■	■	0.6+1.2	0.9+1.2	1.6+5	0.8/1.0	A-041189	—	—	9 kW	078659 - 70 x 34 x 54 / 37.7 014572 - 70 x 34 x 54 / 33.9
MULTIWELD 250T	400V 3~	4x1.5	3	16	40+250	40+250	200	250 A @ 30%	200	250 A @ 30%	59	■	■	0.6+1.2	0.9+1.2	1.6+5	0.8/1.0	A-041189	—	■	9 kW	078635 - 78 x 37 x 68 / 48.1
MULTIWELD 320T-C	400V 3~	4x2.5	3	16	40+300	40+320	200	320 A @ 20%	180	300 A @ 20%	64	■	■	0.6+1.2	0.9+1.2	1.6+6	0.8/1.0	B-042360	—	—	13 kW	079274 - 76 x 36 x 54 / 46.2 063037 - 76 x 36 x 54 / 40.5
MULTIWELD 320T	400V 3~	4x2.5	3	16	40+300	40+320	240	320 A @ 30%	220	300 A @ 30%	64	■	■	0.6+1.2	0.9+1.2	1.6+6	0.8/1.0	B-042360	—	■	13 kW	079250 - 79 x 37 x 67 / 54.2
MULTIWELD 400T	400V 3~	4x4	5	32	40+400	40+400	300	400A @ 35%	300	400 A @ 35%	70	■	■	0.6+1.6	0.9+1.2	1.6+6	1.0/1.2	B-042179	—	■	20 kW	96 x 40 x 81 / 68.1

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MULTEPEARL

# MIG/MAG INVERTER SYNERGIC

4  
in 1

GAS

NO GAS

MMA

TIG



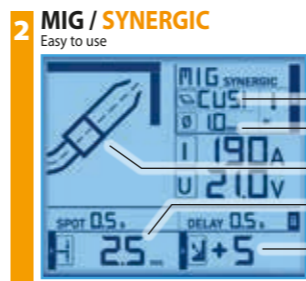
Youtube



### 1 MIG / MANUAL

Enter your parameters

Adjust Spot & Delay



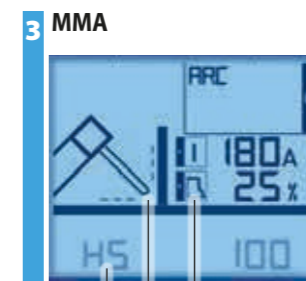
### 2 MIG / SYNERGIC

Easy to use

Select :

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

Fe	CrNi
AlMg5	CuSi3
AlSi5	AlSi12
CuAl8	F.C.



### 3 MMA

HotStart ArcForce  
Electrodes : Ø 1.6 → 5 mm



### 4 TIG lift

Post Gas Downslope  
Thickness : 0.5 → 8 mm



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

2 m  
230V 1~

10/25mm<sup>2</sup>  
Ø 9 mm



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

2 m  
230V 1~

10/25mm<sup>2</sup>  
Ø 9 mm



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

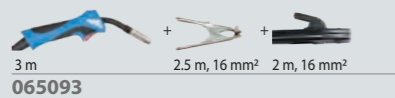
Max 4m<sup>3</sup>  
(20L)

10/25mm<sup>2</sup>  
Ø 9 mm



#### MULTEPEARL 210-2

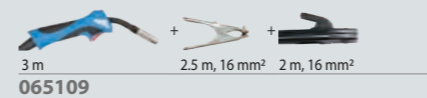
<b>200 A</b>						
P400	PFC	FV	SR	HS	AF	Anti Sticking
GAS	NO GAS	MMA	TIG			



065093

#### MULTEPEARL 210-4 XL

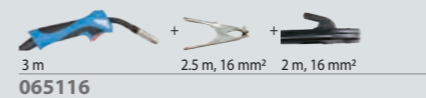
<b>200 A</b>						
P400	PFC	FV	SR	HS	AF	Anti Sticking
GAS	NO GAS	MMA	TIG			



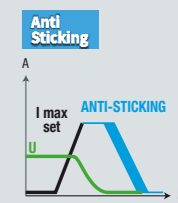
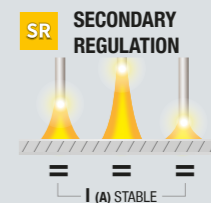
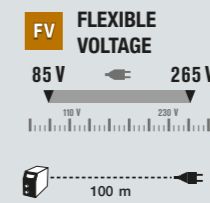
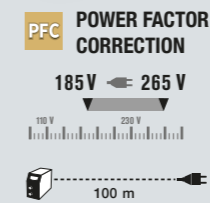
065109

#### MULTEPEARL 211-4

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



065116



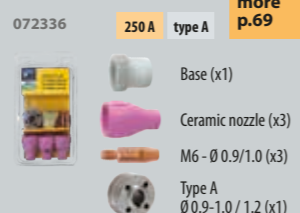
TIG torch kit SR17V (valve)  
4 m  
10/25mm<sup>2</sup>  
044425

TIG torch kit  
SR17 DB  
4 m  
046108  
SR26 DB  
8 m  
063747



NO GAS WELDING KIT Ø 0.9  
- Kit soudage no gaz Ø 0.9  
- Schweißset Fülldraht

NO GAS



MADE IN FRANCE EN60974-1	50/60 Hz	I <sub>2</sub> MMA	I <sub>2</sub> TIG	I <sub>2</sub> min → max	EN60974-1 (40°C)		U <sub>0</sub> (V)	Electronic Control	MIG			Ø mm	Original equipment Equipment d'origine Originalausstattung Equipamiento de fabrica	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg					
					IA (60%)	X% (I <sub>2</sub> max)			m/min	100 mm 1 kg	200 mm 5 kg						300 mm 15 kg				
Multi PEARL 210-2	110V 1~	32	10 → 130	10 → 160	20 → 150	100	150 A @ 22%	76	15	■	■	—	0.6 → 1.0	0.9 → 1.0	1.6 → 3.2	A	041189	0.8/1.0	7.5 kW	51 × 32 × 49 / 20.2	43 × 24 × 31 / 14.8
	230V 1~	16	10 → 200	10 → 200	20 → 200	130	200 A @ 20%	75	15	■	■	■	0.6 → 1.0	0.9 → 1.0	1.6 → 5.0	B	042360	0.8/1.0	7.5 kW	62 × 33 × 57 / 26.9	50 × 27 × 42 / 20.8
Multi PEARL 210-4 XL	110V 1~	32	10 → 130	10 → 160	20 → 150	100	150 A @ 22%	76	15	■	■	■	0.6 → 1.0	0.9 → 1.0	1.6 → 3.2	A	041189	0.8/1.0	7.5 kW	51 × 32 × 49 / 20.2	43 × 24 × 31 / 14.8
	230V 1~	16	10 → 200	10 → 200	20 → 200	130	200 A @ 20%	75	15	■	■	■	0.6 → 1.0	0.9 → 1.0	1.6 → 5.0	B	042360	0.8/1.0	7.5 kW	62 × 33 × 57 / 26.9	50 × 27 × 42 / 20.8
Multi PEARL 211-4	110V 1~	32	10 → 130	10 → 160	20 → 150	100	150 A @ 22%	76	15	■	■	■	0.6 → 1.0	0.9 → 1.0	1.6 → 3.2	A	041189	0.8/1.0	7.5 kW	51 × 32 × 49 / 20.2	43 × 24 × 31 / 14.8
	230V 1~	16	10 → 200	10 → 200	20 → 200	130	200 A @ 20%	75	15	■	■	■	0.6 → 1.0	0.9 → 1.0	1.6 → 5.0	B	042360	0.8/1.0	7.5 kW	79 × 30 × 67 / 38	72 × 27 × 64 / 26.5



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MULTEPEARL

MIG/MAG • INVERTER

OPTIONS

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# MIG/MAG INVERTER DIGITAL



TIG Spot pulse

Easy mode - MIG

### 16 languages

- French
- English
- German
- Italian
- Spanish
- Portuguese
- Czech
- Polish
- Dutch
- Swedish
- Russian
- Chinese
- Japanese
- Vietnamese
- Finnish
- Turkish

### MIG

MANUAL	STANDARD SYNERGIC
SPOT	SPOT DELAY

### TIG

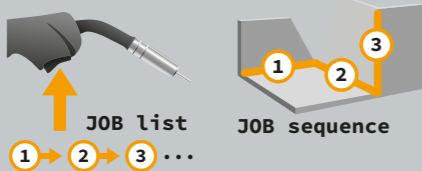
STANDARD	PULSE
SPOT	SPOT PULSE

### MMA

STANDARD	PULSE
----------	-------

### MANUAL

QUICK LOAD



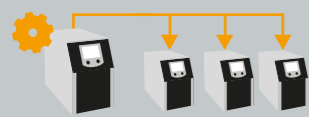
JOB list

JOB sequence

### CONNECTIVITY

#### PORTABILITY

Share configuration & jobs



#### SOFTWARE UPDATE

Kronos evolutions



4 in 1	GAS	NO GAS
	TIG	MMA

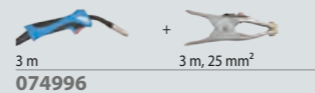
**50 W**  
Speed control  
with tachymeter  
20 m/min max



## 230 V • 1~

### KRONOS 250M

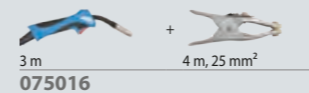
230 V • 1~	4 m <sup>3</sup>
<b>250 A</b>	Ø 200/300



## 400 V • 3~

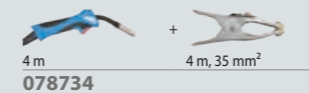
### KRONOS 250T

400 V • 3~	4 m <sup>3</sup>
<b>250 A</b>	Ø 200/300



### KRONOS 320T

400 V • 3~	4 m <sup>3</sup>
<b>320 A</b>	Ø 200/300



no accessories:  
075030

### KRONOS 400T Duo

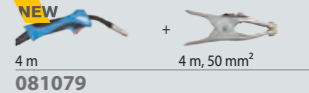
400 V • 3~	10 m <sup>3</sup>
<b>400 A</b>	Ø 200/300



no accessories:  
075337

### KRONOS 400T W

400 V • 3~	10 m <sup>3</sup>
<b>400 A</b>	Ø 200/300



no accessories:  
075511

CE NORM. EN60974-1	MADE IN FRANCE	50/60 Hz	↔	A	Norm	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	Protected & compatible power generator (+/-15%)	L x W x H cm / kg
							IA (60%)	X% (I <sub>2</sub> max)	100%							GAS	NO GAS						
		230V 1~	5 m	16		15 → 250	150 A	20%	130 A	76 V	50 W	20	■	■	0.8 → 1.2	0.9 → 1.6	0.8 / 1.0	B-042360	1.0	Air	IP 23S	15 kW 18 kVA	80 x 35 x 77 / 52
		400V 3~	5 m	16		15 → 250	230 A	45%	220 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	20 kW 24 kVA	80 x 33 x 77 / 54
		400V 3~	5 m	16		15 → 320	260 A	35%	220 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	20 kW 24 kVA	078734 - 80 x 33 x 77 / 54.4 075030 - 80 x 33 x 77 / 49.5
		400V 3~	5 m	32		15 → 400	300 A	35%	280 A	66 V	50 W	20	■	■	0.8 → 1.2	0.9 → 1.6	1.0 / 1.2	B-046849	-	Air	IP 23S	25 kW 30 kVA	80 x 38 x 85 / 63.7
		400V 3~	5 m	32		15 → 400	300 A	35%	280 A	66 V	50 W	20	■	■	0.8 → 1.2	0.9 → 1.6	1.0 / 1.2	B-046849	-	Liquid, 800 W	IP 23S	25 kW 30 kVA	92 x 36 x 86 / 72.5





KRONOS

# MIG/MAG INVERTER DIGITAL • 400 V • 3~



4 in 1	GAS	NO GAS
	TIG	MMA

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

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

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

400V 3~ 5 m

35/50 mm<sup>2</sup> Ø 13 mm

Cooling unit 1000 W 5.5 L liquid not included

35/50 mm<sup>2</sup> Ø 13 mm

35/50 mm<sup>2</sup> Ø 13 mm



POWER SOURCE • 400 V • 3~



DOUBLE • 400 V • 3~

### KRONOS 400T G

400 V • 3~ 10 m<sup>3</sup>

**400 A** Ⓢ Ⓢ Ⓢ Ø 200/300



no accessories:  
075054

### KRONOS 400T GW

400 V • 3~ 10 m<sup>3</sup>

**400 A** Ⓢ Ⓢ Ⓢ Ø 200/300



no accessories:  
075061

### KRONOS 400T Duo

400 V • 3~ 10 m<sup>3</sup>

**400 A** Ⓢ Ⓢ Ⓢ Ø 200/300



no accessories:  
075337

**NEW**

4 m 4 m, 50 mm<sup>2</sup>

081062

### Connection cable - Faisceaux de liaison - 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**

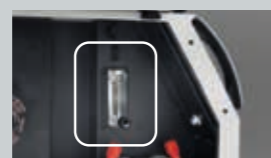
1.8 m 70 mm<sup>2</sup> 075467

5 m 70 mm<sup>2</sup> 075474

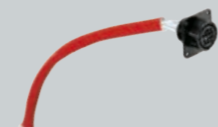
10 m 70 mm<sup>2</sup> 075481

10 m 95 mm<sup>2</sup> 075504

15 m 95 mm<sup>2</sup> 079816



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



PUSH-PULL torch connection  
for WF 50  
078741



MADE IN FRANCE

EN60974-1

Model	Voltage	Current	Power	Efficiency	Voltage	Control	W	m/min (max)	200 mm 5 kg	300 mm 15 kg	Ø mm	GAS	NO GAS	Original equipment	TYPE	Cooling system	Protected & compatible power generator (+/-15%)	L x W x H cm / kg				
																			IA (60%)	X% (12 max)	100%	U <sub>0</sub> (V)
<b>KRONOS 400T Duo</b>	400 V 3~	5 m 32 A	15 → 400	300 A	35%	280 A	66 V	50 W	20	■	■	0.8 → 1.2	0.9 → 1.6	1.0 / 1.2	B-046849	■	■	WF	Air	25 kW	30 kVA	80 × 38 × 85 / 59.6
<b>KRONOS 400T G</b>	400 V 3~	5 m 32 A	15 → 400	300 A	35%	280 A	66 V	—	—	—	—	—	—	—	—	—	—	WF	Air	25 kW	30 kVA	92 × 36 × 86 / 71.5
<b>KRONOS 400T GW</b>	400 V 3~	5 m 32 A	15 → 400	300 A	35%	280 A	66 V	—	—	—	—	—	—	—	—	—	—	WF	Liquid, 800 W	25 kW	30 kVA	80 × 38 × 85 / 63.7
<b>WF 35</b>	—	—	—	500 A	60%	—	—	50 W	20	■	■	0.8 → 1.2	0.9 → 1.6	1.0 / 1.2	B-046849	—	■	—	Air / Liquid	—	—	69 × 34 × 55 / 17
<b>WF 50</b>	—	—	—	500 A	60%	—	—	100 W	20	■	■	0.8 → 1.6	0.9 → 2.4	1.0 / 1.2	F-061873	—	■	—	Air / Liquid	—	—	69 × 36 × 55 / 19

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

**WF 35**  
50 W  
Smart wire charge ✓  
Ø1.0/1.2 (original equipment)  
075078  
3.5" display

**WF 50**  
100 W  
Smart wire charge ✓  
Light ✨ ✓  
Ø1.0/1.2 (original equipment)  
075108  
5" display

**MIG WIRE FEEDERS**

KRONOS 400T W			
	Alu		Alu
<b>pack KRONOS 400T W 2</b> 077751	500 A, 3m, liquid 046160	4 m, 50 mm <sup>2</sup> 047853	B-type, Alu, Ø1.0/1.2 (x2) 040915

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

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

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



49

KRONOS

MIG/MAG • INVERTER • DIGITAL

OPTIONS

48



# 5" DIGITAL INTERFACE

Expert mode



TIG Pulse



## ACCESSIBILITY

2 interface levels

16 languages



EASY



EXPERT

- French
- English
- German
- Italian
- Spanish
- Portuguese
- Czech
- Polish
- Dutch
- Swedish
- Russian
- Chinese
- Japanese
- Vietnamese
- Finnish
- Turkish

## MIG

MANUAL	STANDARD SYNERGIC
SPOT	SPOT DELAY

## MANUAL

### QUICK LOAD



## TIG

STANDARD	PULSE
SPOT	SPOT PULSE

## MMA

STANDARD	PULSE
----------	-------

## GOUGING

Ø 4 > 6.4 (400 G)	Ø 4 > 8 (500 G)
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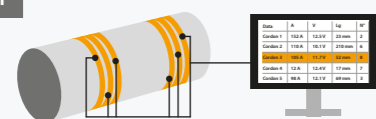
## CONNECTIVITY

### TRACEABILITY

History data export

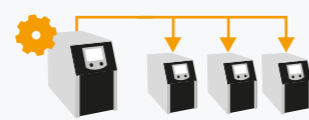
- ✓ QMOS - WPQR
- ✓ DMOS - WPS

ENERGY CONTROL : 20 kHz, kJ or kJ/cm



### PORTABILITY

Share configuration & jobs



### SOFTWARE UPDATE

Neopulse/Neomig-i evolutions



# MIG/MAG INVERTER DIGITAL • 3~

## WIRE FEEDERS

Speed control with tachymeter 20 m/min max



**WF 35**  
 50 W  
 Smart wire charge ✓  
 Ø1.0/1.2 (original equipment)  
 075078

3.5" display

**WF 50**  
 100 W  
 Smart wire charge ✓  
 Light ✨ ✓  
 Ø1.0/1.2 (original equipment)  
 075108

5" display



IP 23 INDOOR / OUTDOOR



NEOMIG-I 400 G

**400 A** @ 100 %

no accessories/no trolley  
075085

NEOMIG-I 500 G

**500 A** @ 60 %

no accessories/no trolley  
075092



400V 3~ 5m

Max 10m³ (50L)

### OPTION

Trolley

10m³ L

075498



OPTION Cooling unit 890 W, 5.5 L liquid not included

**KOOLWELD 2**  
075115

## OPTIONS

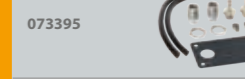
Connection cables - Faisceaux de liaison - Zwischenschlauchpakete p. 48



USB key 16 Go/GB  
062344



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



PUSH-PULL torch connection for WF 50



NEOMIG-i 400 G									
	Fe/CrNi	Alu		Fe/CrNi	Alu				
pack NEOMIG-i 400 G W1 077843	500 A, 4m, liquid 041004	—	4 m, 70 mm² 043831	Ø1.0/1.2 (original equipment)	—	10 m, Ø70 mm², liquid 075481	WF 50 075108	Koolweld 2 075115	10m³ L 075498
pack NEOMIG-i 400 G W2 077850	—	500 A, 3m, liquid 046160	4 m, 70 mm² 043831	Ø1.0/1.2 (original equipment)	F-type, Alu, Ø1.0/1.2 (x4) 061903	10 m, Ø70 mm², liquid 075481	WF 50 075108	Koolweld 2 075115	10m³ L 075498
pack NEOMIG-i 400 G W3 077867	500 A, 4m, liquid 041004	—	4 m, 70 mm² 043831	Ø1.0/1.2 (original equipment)	—	10 m, Ø95 mm², liquid 075504	WF 50 075108	Koolweld 2 075115	10m³ L 075498
pack NEOMIG-i 400 G W4 077874	—	500 A, 3m, liquid 046160	4 m, 70 mm² 043831	Ø1.0/1.2 (original equipment)	F-type, Alu, Ø1.0/1.2 (x4) 061903	10 m, Ø95 mm², liquid 075504	WF 50 075108	Koolweld 2 075115	10m³ L 075498
NEOMIG-i 500 G									
pack NEOMIG-i 500 G W1 077881	500 A, 4m, liquid 041004	—	4 m, 70 mm² 043831	Ø1.0/1.2 (original equipment)	—	10 m, Ø95 mm², liquid 075504	WF 50 075108	Koolweld 2 075115	10m³ L 075498
pack NEOMIG-i 500 G W2 077898	—	500 A, 3m, liquid 046160	4 m, 70 mm² 043831	Ø1.0/1.2 (original equipment)	F-type, Alu, Ø1.0/1.2 (x4) 061903	10 m, Ø95 mm², liquid 075504	WF 50 075108	Koolweld 2 075115	10m³ L 075498

EN60974-1	MADE IN FRANCE	50 / 60 Hz	← →	A	min → max	I (60%)	X% (I2 max)	100%	Uo	PUSH/PULL	Electronic Control	W	m/min (max)	200 mm 5 kg	300 mm 15 kg	Ø mm	GAS	NO GAS	Original equipment	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	
																						mm
NEOMIG-I 400 G		400 V - 3 ~	5 m	32	15 → 400	400 A	100 %	400 A	85 V											30 kW	36 kVA	80 × 30 × 50 / 39
NEOMIG-I 500 G		400 V - 3 ~	5 m	32	15 → 500	500 A	60 %	400 A	85 V											30 kW	36 kVA	80 × 30 × 50 / 39
WF 35						500 A	60 %	—	—			50 W	20			0.8 → 1.2	0.9 → 1.6	1.0 / 1.2	B-046849	—	69 × 34 × 55 / 17	
WF 50						500 A	60 %	—	—	OPTION		100 W	20			0.8 → 1.6	0.9 → 2.4	1.0 / 1.2	F-061873	—	69 × 36 × 55 / 19	



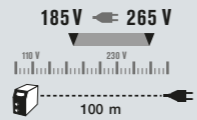
NEOPULSE

# MIG/MAG INVERTER PULSE

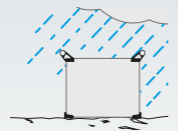


Youtube

**PFC** POWER FACTOR CORRECTION



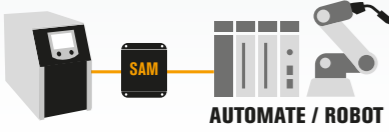
**IP 23** INDOOR / OUTDOOR



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.59)



AUTOMATE / ROBOT



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

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

5 m  
400V

2.2 m  
230V 1~

2.2 m  
230V 1~

35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm

230 V • 1 ~

NEOPULSE 220 C

**220 A** ⚡ ⌀ 200

PFC AIR MMA TIG IP 23 S

no accessories/no trolley  
061835

NEOPULSE 220 C XL

**220 A** ⚡ ⌀ 200/300

PFC AIR MMA TIG IP 23 S

no accessories/no trolley  
061842

NEOPULSE 320 C

**320 A** ⚡ ⌀ 200/300

AIR MMA TIG WF IP 23

no accessories/no trolley  
062474

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

NEOPULSE 500 G

**500 A** @ 50%

no accessories/no trolley  
014503

400 V • 3 ~ • POWER SOURCE

## OPTIONS

MIG Lift Compact (p.69)  
046597

Support for MIG Lift Compact  
072237



5 m  
400V

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

5 m  
400V

**OPTION**  
Cooling unit 1000 W, 5.5 L  
liquid not included  
**NEOCOL**  
032750



70/95 mm<sup>2</sup>  
Ø 13 mm

## OPTIONS

USB key  
16 Go/GB  
included

062344



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

037717



JOBSITE XL

600 x 1150 x 584 mm

039568



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

113 x 54 x 115 mm

037328



Push Pull (24V/42V)

Connector 14pt, male  
047686

Connector 14pt, female  
064386



50 / 60 Hz A A PUSH/PULL I (60%) X% (I2 max) 100% Uo Electronic Control m/min GAS NO GAS 200 mm 5 kg 300 mm 15 kg

Model	Power Source	Current (A)	Voltage (V)	Frequency (Hz)	Efficiency (%)	Power Factor (%)	Output Power (kW)	Uo (V)	Electronic Control	Speed (m/min)	GAS	NO GAS	200 mm 5 kg	300 mm 15 kg	Original equipment	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	
NEOPULSE 220 C	200 → 240 V • 1 ~	16	10 → 220	24 V	150 A	20%	130 A	80 V	20	20	0.6+1.2	0.9+1.2	■	■	acier-steel 0.8/1.0 mm	B	7.5 kW	69 × 39 × 52 / 30
NEOPULSE 220 C XL	200 → 240 V • 1 ~	16	10 → 220	24 V	150 A	20%	130 A	80 V	20	20	0.6+1.2	0.9+1.2	■	■	acier-steel 0.8/1.0 mm	B	7.5 kW	68 × 36 × 57 / 31.6
NEOPULSE 320 C	400 V • 3 ~	25	10 → 320	24/42 V	300 A	40%	280 A	85 V	22	22	0.6+1.2	0.9+1.6	■	■	acier-steel 1/1.2 mm	F (061873)	13 kW	79 × 43 × 67 / 40
NEOPULSE 400 CW	400 V • 3 ~	32	10 → 400	24/42 V	400 A	60%	360 A	85 V	22	22	0.6+1.6	0.9+2.4	■	■	acier-steel 1/1.2 mm	F (061873)	20 kW	92 × 36 × 86 / 81
NEOPULSE 400 G	400 V • 3 ~	32	10 → 400	—	400 A	60%	360 A	85 V	—	—	—	—	—	—	—	—	20 kW	80 × 39 × 50 / 33.1
NEOPULSE 500 G	400 V • 3 ~	32	10 → 500	—	470 A	50%	440 A	85 V	—	—	—	—	—	—	—	—	25 kW	81 × 39 × 50 / 34.2

**WF** MIG WIRE FEEDER

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

**NEOFEED 4W**

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

connection cable not included  
014527



EN60974-1 (40°C)									
IA 60%	X% I2 max	Electronic Control	m/min	200	300	GAS	NO GAS	TYPE	L x W x H cm / kg
500	60		22	■	■	0.6 + 1.6	0.9 + 2.4	1.0 / 1.2 mm F-061873	69 x 40 x 50 / 21.6

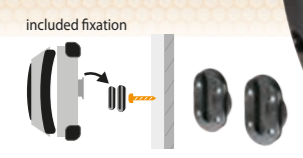
OPTIONS		AIR COOLED	LIQUID COOLED	ROLLERS 047020
	1.8 m 70 mm <sup>2</sup>	071780	037243	
	5 m 70 mm <sup>2</sup>	047587	047617	
	10 m 70 mm <sup>2</sup>	047594	047624	
	10 m 95 mm <sup>2</sup>	047600	047631	
	15 m 95 mm <sup>2</sup>	038349	038448	
	20 m 95 mm <sup>2</sup>	038431	038455	Teflon hose guide - Guide gainne téflon 079601

**REMOTE CONTROL**

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

**RC-HD2**

**SOFTWARE UPDATE**  
command cable not included  
062122

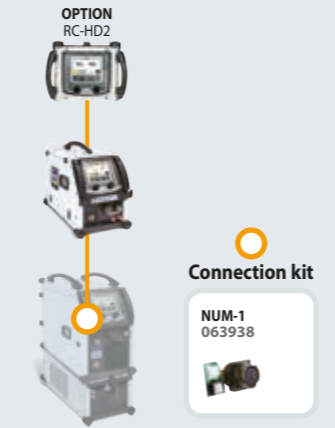


Command cable		OPTIONS	
2.8 m	063907		
6 m	063914		
11 m	036925		
	10 pts, male 064355		
	10 pts, female 064362		

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



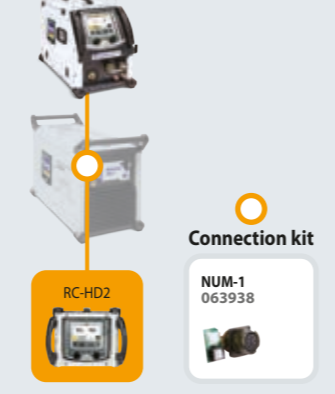
**CONFIGURATION 2**



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



**CONFIGURATION 2**



**EXTEND PRODUCTIVITY**

**x2 DOUBLE WIRE FEEDER**

- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G



**DOUBLE WIRE FEEDER OPTIONS**



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

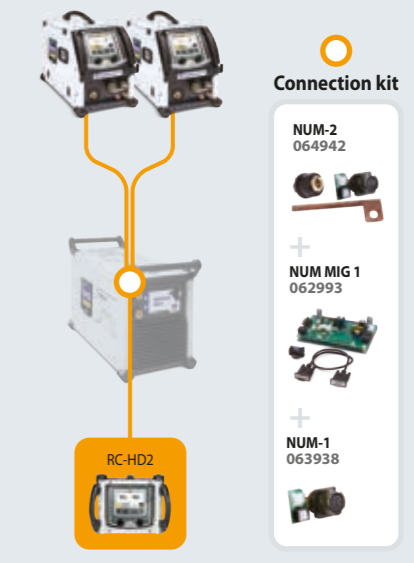


**TWINCOOL**  
Cooling unit 1000 W, 5.5 L liquid not included  
065086

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



**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



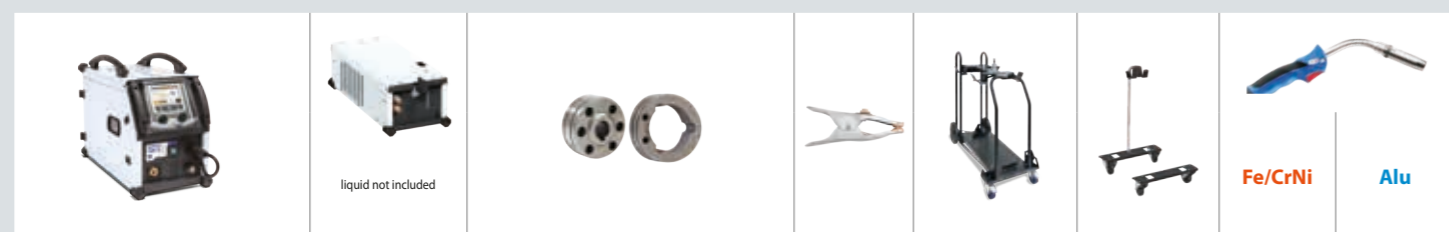
**Trolley - T/M 400 for NEOPULSE 320C, 400G & 500G**  
± 1105 x 1135 x 540 mm 037328



**Filter kit**  
063143

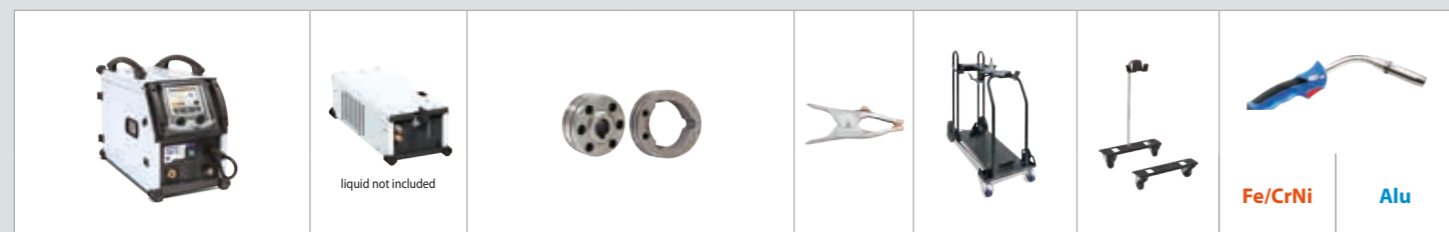


**Cooling liquid (not included)**  
5L 062511  
10L 052246



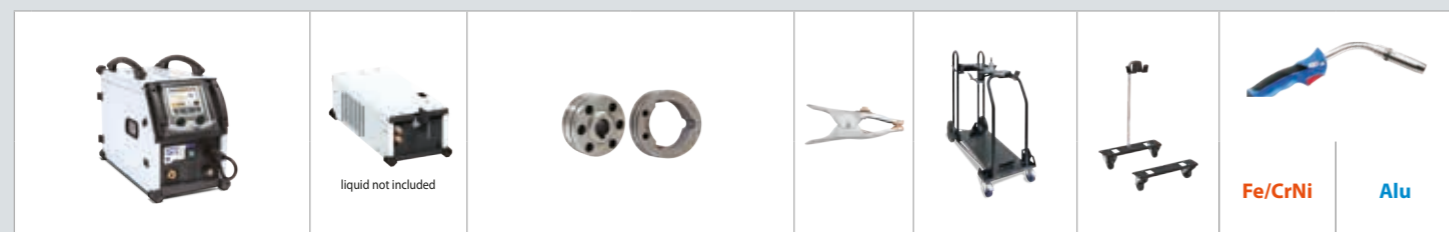
**NEOPULSE 220C**

<b>pack NEOPULSE 220C A1</b> 062801	liquid not included	TYPE B, Ø 0.8/1 (x2) (Original Equipment)	4 m, 35 mm <sup>2</sup> 043817	250 A, 3 m, air 040700
<b>pack NEOPULSE 220C A2</b> 062818	TYPE B, Ø 0.8/1 (x2) (Original Equipment)	TYPE B, Alu, Ø 1/1.2 (x2) 040915	4 m, 35 mm <sup>2</sup> 043817	250 A, 3 m, air 040724



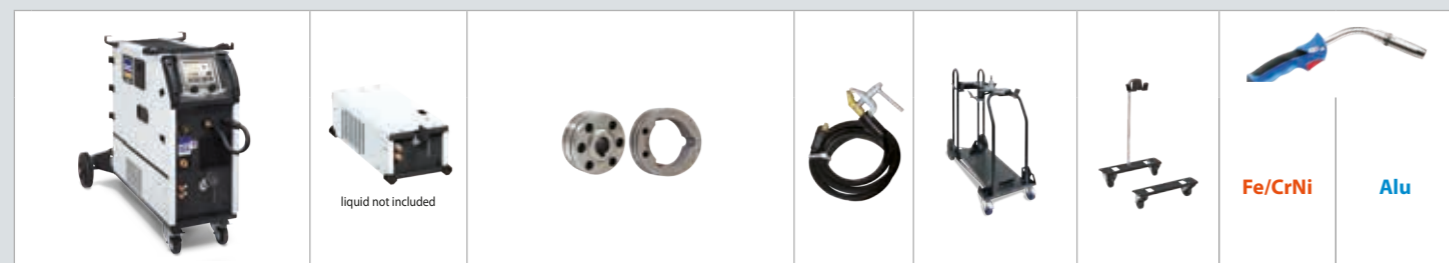
**NEOPULSE 220C XL**

<b>pack NEOPULSE 220C XL A1</b> 062825	liquid not included	TYPE B, Ø 0.8/1 (x2) (Original Equipment)	4 m, 35 mm <sup>2</sup> 043817	250 A, 4 m, air 040922
<b>pack NEOPULSE 220C XL A2</b> 062832	TYPE B, Ø 0.8/1 (x2) (Original Equipment)	TYPE B, Alu, Ø 1/1.2 (x2) 040915	4 m, 35 mm <sup>2</sup> 043817	250 A, 3 m, air 040724



**NEOPULSE 320C**

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



**NEOPULSE 400CW**

<b>pack NEOPULSE 400CW 1</b> 071483	liquid not included		4m, 70 mm <sup>2</sup> 043831	500 A, 4 m, liquid 041004
<b>pack NEOPULSE 400CW 2</b> 071490		TYPE F, Alu, Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	500 A, 3 m, liquid 046160



**NEOPULSE 400G**

<b>pack NEOPULSE 400G A1</b> 062887	NEOFEED 4W 014527	liquid not included	5 m, air, Ø 70 mm <sup>2</sup> 047587	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	450 A, 4 m, air 045392
<b>pack NEOPULSE 400G W1</b> 062894	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	500 A, 4 m, liquid 041004
<b>pack NEOPULSE 400G W2</b> 062900	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328
<b>pack NEOPULSE 400G W3</b> 066533	x2 NEOFEED 4W 014527	TWINCOOL 1000W 065086	x2 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328
<b>pack NEOPULSE 400G W4</b> 066540	x2 NEOFEED 4W 014527	x2 Rollers 047020	TWINCOOL 1000W 065086	x2 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831
<b>pack NEOPULSE 400G W5</b> 072718	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 70 mm <sup>2</sup> 047624	TYPE F, Ø 1/1.2 (x4) (Original Equipment)			Pallet trolley 064621
<b>pack NEOPULSE 400G W6</b> 072725	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 70 mm <sup>2</sup> 047624	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 50 mm <sup>2</sup> 047853	T/M 400 037328	500 A, 4 m, liquid 041004
<b>pack NEOPULSE 400G W7</b> 072732	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 70 mm <sup>2</sup> 047624	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 50 mm <sup>2</sup> 047853	T/M 400 037328



**NEOPULSE 500G**

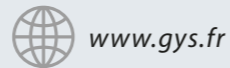
<b>pack NEOPULSE 500G A1</b> 062917	NEOFEED 4W 014527	liquid not included	10 m, air, Ø 95 mm <sup>2</sup> 047600	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 95 mm <sup>2</sup> 047013	T/M 400 037328	450 A, 4 m, air 045392
<b>pack NEOPULSE 500G W1</b> 062924	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 95 mm <sup>2</sup> 047013	T/M 400 037328	500 A, 4 m, liquid 041004
<b>pack NEOPULSE 500G W2</b> 062931	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm <sup>2</sup> 047013	T/M 400 037328
<b>pack NEOPULSE 500G W3</b> 066557	x2 NEOFEED 4W 014527	TWINCOOL 1000W 065086	x2 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm <sup>2</sup> 047013	T/M 400 037328
<b>pack NEOPULSE 500G W4</b> 066564	x2 NEOFEED 4W 014527	x2 Rollers 047020	TWINCOOL 1000W 065086	x2 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm <sup>2</sup> 047013



# INTEGRATION



## ONLINE CONFIGURATION GUIDE



	I (100%)	Integrated wirefeeder	SAM-1A (Analogic/Digital)	SAM-1N (Digital)
<b>MIG/MAG - GMAW/FCAW</b>				
NEOPULSE 320 C	280 A	✓	✓	✓
NEOPULSE 400 CW	360 A	✓	✓	✓
NEOPULSE 400 G	360 A	-	✓	✓
NEOPULSE 500 G	440 A	-	✓	✓
EXAGON 400 FLEX CC/CV	350 A	-	✓(CV)	-
<b>TIG - GTAW</b>				
TITAN 231 DC	200 A	-	✓	✓
TITAN 400 DC	360 A	-	✓	✓
TITANIUM 230 AC/DC	170 A	-	-	✓
TITANIUM 400 AC/DC	360 A	-	✓	✓



ROBOT	COBOT	PLC
ABB ✓✓	ABB ✓✓	BECKHOFF ✓✓
COMAU ✓✓	DOBOT ✓✓	DELTA ✓✓
FANUC ✓✓	DOOSAN ✓✓	OMRON ✓✓
HYUNDAI ✓✓	FANUC ✓✓	PROFACE ✓✓
KAWASAKI ✓✓	HANWHA ✓✓	ROCKWELL AUTOMATION ✓✓
KUKA ✓✓	JAKA ✓✓	SCHNEIDER ELECTRIC ✓✓
MITSUBISHI ✓✓	KASSOW ✓✓	SIEMENS ✓✓
STÄUBLI ✓✓	OMRON ✓✓	UNITRONICS ✓✓
YASKAWA ✓✓	TECHMEN ROBOT ✓✓	WAGO ✓✓
...	UNIVERSAL ROBOTS ✓✓	...



Complete with - Complétez avec



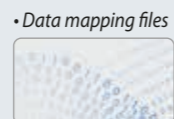
### Complete configuration

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



### Back-End

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



### Front-End

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



# AUTOMATION MODULE



POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



## 1 MACHINE CONNECTIVITY KITS



## 2 SMART AUTOMATION MODULE SAM 1N 064935



**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

## 3 ANYBUS CONNECTORS



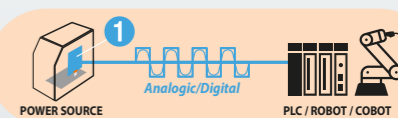
Ethernet IP	062078
Profinet	062085
Modbus TCP	063013
Devicenet	062092
Can Open	062108
Ethercat	063006

## 1 SMART AUTOMATION MODULE SAM 1A 071940



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

POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



# ROBOTIC WIRE FEEDER



POWER SOURCE · PLC/ROBOT/COBOT CONNECTION



## 4 SMARTFEED M-4 066618

IP 21    MOTOR 115 W



Front view

## 4 SMARTFEED MB-PP 073647

IP 21    BRUSHLESS MOTOR 100 W



Front view



Back view

ULTRA LIGHT 4.5 kg  
VIBRATION & SHOCK RESISTANT

EN60974-1 (40°C)	Original equipment - Equipement d'origine - Originalausstattung - Equipamiento de fabrica	TYPE	m/min	PUSH-PULL	Ø mm	L x W x H cm / kg
IA 60%	Electronic Control	F-061873	1 → 25	■	0.6 → 1.6	40 × 31 × 25 / 5.7
500	60	1.0 / 1.2 mm			0.9 → 2.4	

### Options

**Robotic MIG connection cables**  
Liquid, 4 m, Ø 95mm² 073517  
Liquid, 8 m, Ø 95mm² 069725  
Liquid, 12 m, Ø 95mm² 078581

**Kit n°20** Cable guide 075429

**Kit n°21** Cable fixation 077324

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

### NEW

Robotic wire box - Boîtier fil robotique - Korbspulenabdeckung für Korbspule  
Ø300 mm  
079793

### Smartfeed support for ROBOT kits

Kit n°1	070707
Kit n°2	071445
Kit n°3	071452
Kit n°4	071469
...	...

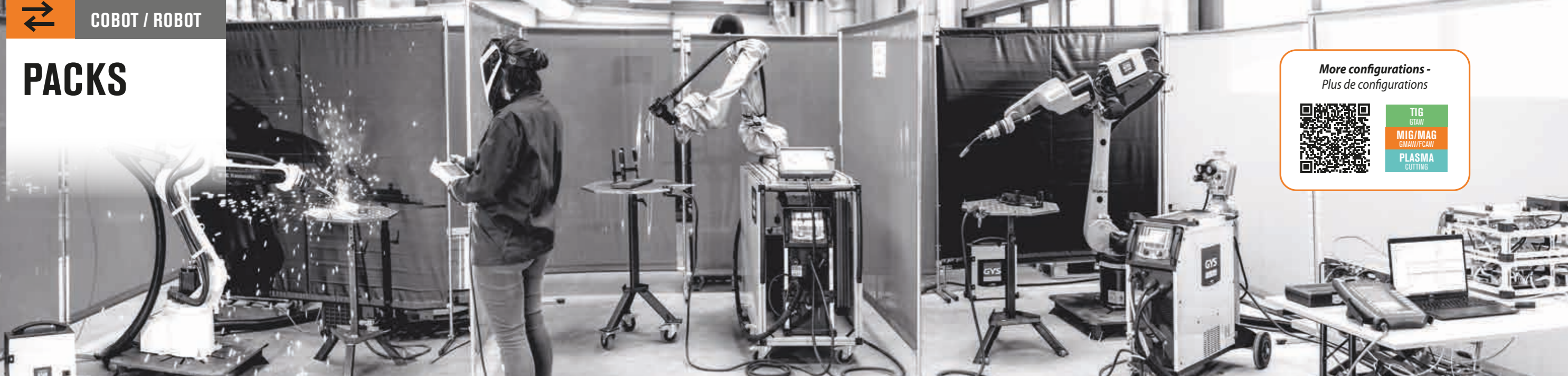
MORE COMING SOON

Compatibilities on demand - Compatibilités sur demande - Kompatibilitäten auf Anfrage





# PACKS



More configurations -  
Plus de configurations

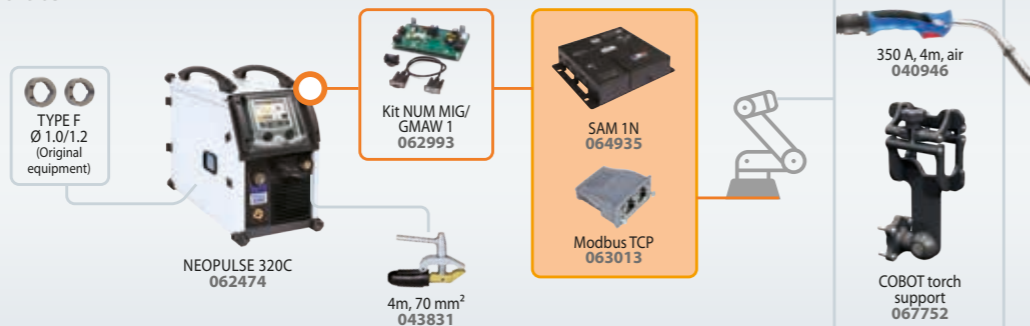


TIG  
GTAW  
MIG/MAG  
GMAW/FCAW  
PLASMA  
CUTTING

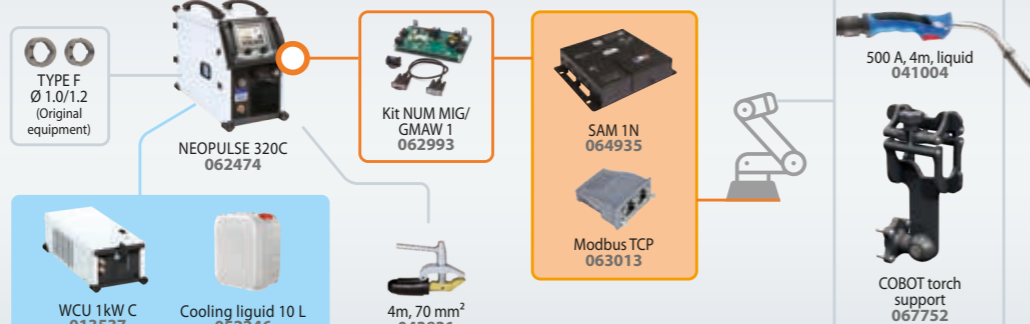
## COBOT

## ROBOT

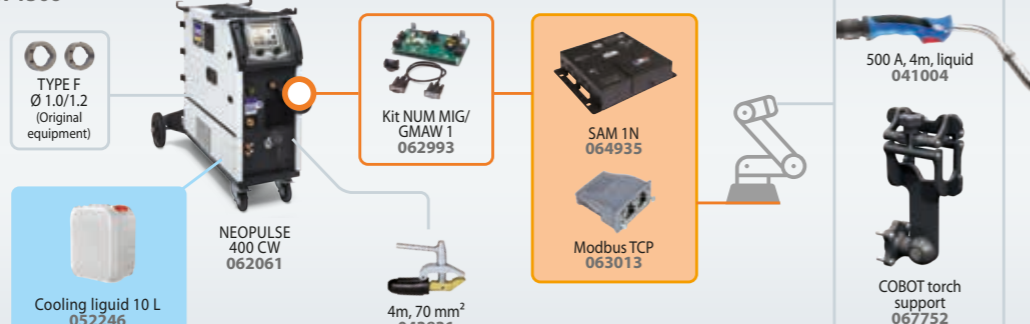
### PACK NEOPULSE 320C A3 COBOT 067905



### PACK NEOPULSE 320C W4 COBOT 067912



### PACK NEOPULSE 400 CW 3 COBOT 071506



### PACK 1 NEOPULSE 400G ETHERNET IP 071575



### PACK 2 NEOPULSE 500G ETHERNET IP 071582





# MIG/MAG MULTIPROCESS INVERTER CC/CV

**VRD inside** Voltage Reduction Device

**MEMORY : 50 MMA JOBS + 50 TIG JOBS**

**QUICK ACCESS**  
Program charge mode easy

**EASY USB UPDATE**  
DIRECT COMPUTER



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

**ROBUST DESIGN**

**IP 23**  
INDOOR / OUTDOOR

SR VRD inside HS AF CEL cellulosic IP 23 ALU aluminium  
MMA PULSE TIG LIFT GOUGING AD

### 3 COMBINATIONS Complete packs & details - p.64/65

**5** MIG Wire feeder    **6** MIG Portable feeder    **7** TIG HF

Exafeed 4L 032408    Nomadfeed 425-4 CC/CV 036291    Exatig HF 013780

Trolley T/M 400A 037328    Jobsite XL 039568

Exacool 1000W 032422

**EXAGON 400 CC/CV**

400 V • 3 ~    400A  
400 A    60 %

no accessories  
010925

**7 in 1**

1 MMA  
2 MMA • PULSE  
3 TIG DC LIFT  
4 GOUGING  
5 MIG Wire feeder  
EXAFEED 4L  
6 MIG Portable feeder  
NOMADFEED 425-4 CC/CV  
7 TIG HF  
EXATIG



## FLEX

208V    525V  
1~    3~

**EXAGON 400 FLEX CC/CV**

208 + 525 V • 1 + 3 ~    400A  
400 A    60 %

no accessories  
069718

**5 in 1**

1 MMA  
2 MMA • PULSE  
3 TIG DC LIFT  
4 GOUGING  
5 MIG Portable feeder  
NOMADFEED 425-4 CC/CV

**AUTOMATION**

SAM ✓ Automation module compatibility SAM-1A MIG/GMAW (details p.59)

**AUTOMATE / ROBOT**

### 2 COMBINATIONS Complete packs & details - p.64/65

**6** MIG Portable feeder    **7** TIG HF

Nomadfeed 425-4 CC/CV 036291    Exatig HF 013780

Trolley Jobsite XL 039568



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

Only for Exagon 400 CC/CV

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

**Cooling liquid** (not included)  
5L 062511  
10L 052246

**Trolley T/M 400**  
1105x1135x540 mm  
037328

**Jobsite XL**  
118x61x60 mm  
039568

**Filter kit**  
046580

**REMOTE CONTROL RC-HA1**  
8 m 045675  
20 m 066625

CE MARK EN60974-1	MADE IN FRANCE	~	50/60 Hz	A	I <sub>2</sub>				INTEGRATED TECHNOLOGY										X <sub>z</sub> GYS (20°C)	EN60974-1 (40°C)			Protected & compatible power generator (+/-15%)	L x W x H cm / kg				
					MMA	TIG	MIG	PFC	FLEX	SR	VRD	HS	AF	CEL	ALU	MMA PULSE	TIG Lift	AD		IP23	I (60%)	X% (I2 max)			100%			
EXAGON 400 CC/CV	3	400 V	32A	5 + 400	5 + 400	15 + 400	—	—	■	■	⚙️	⚙️	■	■	■	■	■	■	■	100% @ 350 A	400 A	60%	350 A	84 V	30 kW	36 kVA	69 x 40 x 61 / 35.9	
				208 + 300V	63	15 + 270	10 + 270	10 + 270	—	—	■	■	■	■	■	■	■	■	■	■	100% @ 220 A	270 A	60%	220 A	80 V	30 kW	36 kVA	69 x 40 x 61 / 43.5
				300 + 525V	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
EXAGON 400 FLEX CC/CV	1	208 + 300V	63	15 + 400	10 + 400	10 + 400	—	—	■	■	■	■	■	■	■	■	■	■	100% @ 350 A	400 A	60%	350 A	80 V	30 kW	36 kVA	69 x 40 x 61 / 43.5		
				3	300 + 525V	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Packs MIG

<b>EXAGON 400 CC/CV</b>								
pack EXAGON MAG A1 012417	EXAFEED 4L 032408		10 m, air, ø 70 mm <sup>2</sup> 047594		4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	350 A, 4 m, air 040946	
pack EXAGON MAG A2 013377	EXAFEED 4L 032408		5 m, air, ø 70 mm <sup>2</sup> 047587		4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	350 A, 4 m, air 040946	
pack EXAGON MAG W1 012424	EXAFEED 4L 032408	EXACOOOL 1000W 032422	10 m, liquid, ø 95 mm <sup>2</sup> 047631		4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	500 A, 4 m, liquid 041004	
pack EXAGON MAG W2 013384	EXAFEED 4L 032408	EXACOOOL 1000W 032422	5 m, liquid, ø 70 mm <sup>2</sup> 047617		4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	500 A, 4 m, liquid 041004	
pack EXAGON MAG A5 013421				NOMADFEED 425-4 036291	5 m, ø 95 mm <sup>2</sup> 032439	4m, 70 mm <sup>2</sup> 043831	450 A, 4 m, air 045392	
pack EXAGON MAG A6 013438				NOMADFEED 425-4 036291	5 m, ø 95 mm <sup>2</sup> 032439	4m, 70 mm <sup>2</sup> 043831	Jobsite XL 039568	450 A, 4 m, air 045392
<b>EXAGON 400 FLEX CC/CV</b>								
pack EXAGON FLEX MAG A3 076327				NOMADFEED 425-4 036291	5 m, ø 95 mm <sup>2</sup> 032439	4m, 70 mm <sup>2</sup> 043831	450 A, 4 m, air 045392	
pack EXAGON FLEX MAG A4 076334				NOMADFEED 425-4 036291	5 m, ø 95 mm <sup>2</sup> 032439	4m, 70 mm <sup>2</sup> 043831	Jobsite XL 039568	450 A, 4 m, air 045392

Packs MMA

<b>EXAGON 400 CC/CV</b>							
pack EXAGON MMA 1 012387	5 m, 50 mm <sup>2</sup> MMA kit 7 047419	4 m, 50 mm <sup>2</sup>					
pack EXAGON MMA 2 012394	5 m, 50 mm <sup>2</sup> MMA kit 7 047419	4 m, 50 mm <sup>2</sup>				Jobsite XL 039568	
pack EXAGON MMA 3 012400	5 m, 50 mm <sup>2</sup> MMA kit 7 047419	4 m, 50 mm <sup>2</sup>	Gouging torch, 1000 A 041516	Cable 5 m for gouging torch 040670		Jobsite XL 039568	
<b>EXAGON 400 FLEX CC/CV</b>							
pack EXAGON FLEX MMA 1 076235	5 m, 50 mm <sup>2</sup> MMA kit 7 047419	4 m, 50 mm <sup>2</sup>					
pack EXAGON FLEX MMA 2 076242	5 m, 50 mm <sup>2</sup> MMA kit 7 047419	4 m, 50 mm <sup>2</sup>				Jobsite XL 039568	
pack EXAGON FLEX MMA 3 076259	5 m, 50 mm <sup>2</sup> MMA kit 7 047419	4 m, 50 mm <sup>2</sup>	Gouging torch, 1000 A 041516	Cable 5 m for gouging torch 040670		Jobsite XL 039568	

Packs TIG

<b>EXAGON 400 CC/CV</b>						
pack EXAGON TIG 1 062597	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm <sup>2</sup> 047853	Command cable, 11 m 036925	10 m, ø 95 mm <sup>2</sup> 032446 (x2)	
pack EXAGON TIG 2 062603	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm <sup>2</sup> 047853	Command cable, 11 m 036925	10 m, ø 95 mm <sup>2</sup> 032446 (x2)	Jobsite XL 039568
pack EXAGON TIG 3 062948	EXATIG 013780	SR26 DB, 8 m 046177	4 m, 50 mm <sup>2</sup> 047853	Command cable, 11 m 036925	10 m, ø 95 mm <sup>2</sup> 032446 (x2)	
<b>EXAGON 400 FLEX CC/CV</b>						
pack EXAGON FLEX TIG 1 076266	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm <sup>2</sup> 047853	Command cable, 11 m 036925	10 m, ø 95 mm <sup>2</sup> 032446 (x2)	
pack EXAGON FLEX TIG 2 076273	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm <sup>2</sup> 047853	Command cable, 11 m 036925	10 m, ø 95 mm <sup>2</sup> 032446 (x2)	Jobsite XL 039568
pack EXAGON FLEX TIG 3 076280	EXATIG 013780	SR26 DB, 8 m 046177	4 m, 50 mm <sup>2</sup> 047853	Command cable, 11 m 036925	10 m, ø 95 mm <sup>2</sup> 032446 (x2)	

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

# WIRE FEEDER

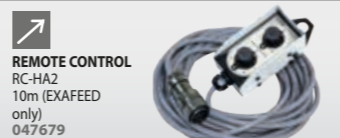
PUSH PULL COMPATIBILITY



AIR ❄️ LIQUID

CONNECTION CABLE	<b>AIR COOLED</b>	
	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
20 m 95 mm <sup>2</sup>	038431	

CONNECTION CABLE	<b>LIQUID COOLED</b>	
	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	



MADE IN FRANCE		EN60974-1 (40°C)			Original equipment - Equipement d'origine - Originalausstattung - Equipamiento de fábrica						
<b>EXAFEED 4L</b> 032408	IA (60%)	X% (I2 max)	Electronic Control	m/min	200 mm 5 kg	300 mm 15 kg	GAS NO GAS	Ø mm		TYPE	L x W x H cm / kg
	500	60		22	■	■	0.6 + 1.6 0.9 + 2.4	1.0 / 1.2 mm	C-042117	70 x 38 x 51 / 20.5	

MIG ✓ EXAGON 400 CC/CV  
✓ EXAGON 400 FLEX CC/CV

# PORTABLE FEEDER

UNIVERSAL  
CHANTIER - JOBSITE



Ø 200/300



NOMADFEED 425-4 CC/CV 036291



<b>OPTIONS</b>		<b>OPEN ARC</b>
	NOMADFEED CABLE	
5 m 95 mm <sup>2</sup> 032439		Ø 17 x 60 mm
10 m 95 mm <sup>2</sup> 032446		Adapter kit for self shielded flux-cored wires - Adaptateur pour fil fourré sans gaz 068636
15 m 95 mm <sup>2</sup> 036666		
20 m 95 mm <sup>2</sup> 036673		

1 V									DC power source	Original equipment - Equipement d'origine - Originalausstattung - Equipamiento de fábrica	Protected against over voltage	IP	
	50/60 Hz	100% A	60% A	Ø mm	Electronic Control	GAS	NO GAS	Ø mm	Mode Constant Current	Mode Constant Voltage	IP	L x W x H cm / kg	
	17 > 110V DC	300	425	200/300		0.6 + 1.6	0.9 + 2.4	1.2 / 1.6	■	■	23	67 x 26 x 48 / 15.5	

TIG HF ✓ EXAGON 400 CC/CV  
✗ EXAGON 400 FLEX CC/CV

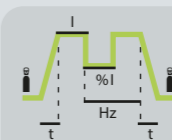
# HF IGNITION CONTROL UNIT

✓ 2T ✓ 4T  
✓ HF 9kV

UNIVERSAL



EXATIG no accessories: 013780



FULL CONTROL  
SPECIAL EXAGON 400 CC/CV



<b>OPTIONS</b>		<b>POWER CABLE</b>	<b>FIXING KIT</b>
	Rubber hose - Tuyau caoutchouc, Ø 6.0 X 12 (DIN 73379)		
x2 045712	4 m 046269	10 m 032446	T/M 400A 037779
		x 2 for Exatig	
		5 x m 046276	

<b>EXATIG / EXAGON connection</b>	
	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)	
TIG	10V	100V	for normal use	I (60%) X% (I2 max)	L x W x H cm / kg
40 + 400			100% @ 220 A	270 A 25%	220 A 46 x 20 x 37 / 8.9







# PLASMA CUTTING

25 · 40 A  
1~

EASYCUT 72

45 · 125 A  
1 & 3~

CUTTER / NEOCUT 74

ACCESSORIES 76

COMPLETE PACKS 77

TORCHES & CONSUMABLES 78



EASYCUT

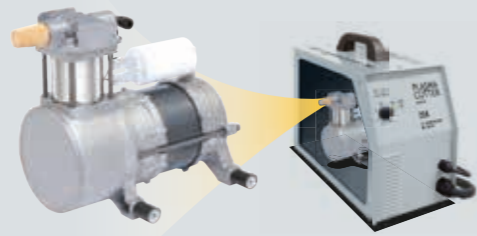
# PLASMA 25 → 40 A

1~

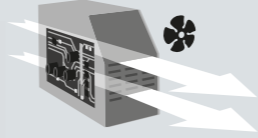


Youtube

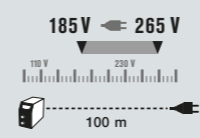
COMPRESSOR COMPRESSOR INSIDE



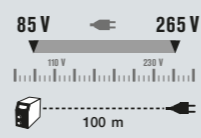
AD ANTI-DUST VENTILATION CORRIDOR



PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE



AIR FILTER

PFC EN 61000-3-12 POWER FACTOR CORRECTION



INCLUDED: 8 mm

DIGITAL (PRESSURE SENSOR)

PFC EN 61000-3-12 FV FLEXIBLE VOLTAGE



INCLUDED: 8 mm

DIGITAL (PRESSURE SENSOR)



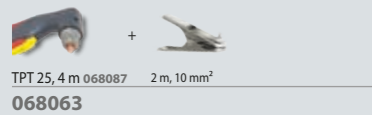
COMPRESSOR Compressor inside



EASYCUT K25

230 V • 1 ~  
25 A Fe 8 mm  
Al/CrNi 6 mm

P400 COMPRESSOR



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

EASYCUT K35F

230 V • 1 ~  
35 A Fe 15 mm  
Al/CrNi 10 mm

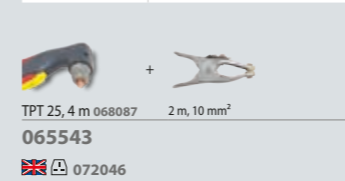
P400 PFC AD COMPRESSOR



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

EASYCUT 25

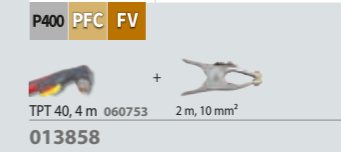
230 V • 1 ~  
25 A Fe 8 mm  
Al/CrNi 6 mm



065543  
072046

EASYCUT 30 FV

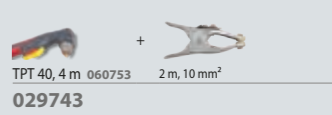
110 → 230 V • 1 ~  
30 A Fe 15 mm  
Al/CrNi 10 mm



013858

EASYCUT 40

230 V • 1 ~  
40 A Fe 18 mm  
Al/CrNi 15 mm



029743

OPTIONS

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

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

CE NORM. EN60974-1	MADE IN FRANCE / MADE IN GYS CHINA	EASYCUT MODEL	50/60 Hz	I <sub>2</sub> A	mm				INTEGRATED TECHNOLOGY				AIR SYSTEM			EN 60974-1 (40°C)			Protected & compatible power generator (+/-15%)	L x W x H cm / kg					
					Coupe max Severance cut	Coupe propre Clean cut	Fe	Al/CrNi	P400	PFC	FV	AD	IP21S	COMPRESSOR	min	ideal	max	I 60%			X% I2 max	100%			
	MADE IN FRANCE	EASYCUT K25	230V 1~	16	10 → 25	8	6	6	4	■	■	■	■	■	■	included	15 A	35%	—	10/25 mm <sup>2</sup> Ø9 mm	6.5 kW	7.5 kVA	53 × 31 × 48 / 19		
	MADE IN FRANCE	EASYCUT K35F	230V 1~	16	10 → 35	15	10	10	8	■	■	■	■	■	■	included	28 A	30%	20 A	10/25 mm <sup>2</sup> Ø9 mm	8 kW	10 kVA	031036 - 62 × 33 × 57 / 32.8		
	MADE IN GYS CHINA	EASYCUT 25	230V 1~	16	10 → 25	8	6	6	4	—	—	—	—	—	—	2.5 bar	4.5 bar 115 L/min	6.5 bar	15 A	30%	10 A	10/25 mm <sup>2</sup> Ø9 mm	—	—	45 × 25 × 35 / 9.7
	MADE IN FRANCE	EASYCUT 30 FV	230V 1~ 110V 1~	16 32	10 → 30 10 → 30	15	10	10	8	■	■	■	■	■	■	2.5 bar	5 bar 115 L/min	9 bar	23 A 19 A	30% 25%	20 A 15 A	10/25 mm <sup>2</sup> Ø9 mm	6.5 kW	7.5 kVA	51 × 29 × 37 / 14.3
	MADE IN GYS CHINA	EASYCUT 40	230V 1~	16	10 → 40	20	15	15	10	—	—	—	—	—	—	2.5 bar	4.5 bar 115 L/min	6.5 bar	10 A	20%	—	10/25 mm <sup>2</sup> Ø9 mm	—	—	45 × 25 × 35 / 11.5

EASYCUT  
PLASMA CUTTING • 1 ~



CUTTER

# PLASMA

## 45 → 125 A

1 & 3 ~



110 · 230 V · 1 ~

**CUTTER 45 CT**

110 → 230 V · 1 ~

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

P400 PFC FV GRID CUT AD IP 23

Option **CNC ANALOGIC**

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

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

400 V · 3 ~

**CUTTER 70 CT**

400 V · 3 ~

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

GRID CUT AD IP 23 GOUGING

Option **CNC ANALOGIC**

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

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

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

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

**CNC COMPUTER NUMERICAL CONTROL**

**SYNERGIC AIR Pressure**

Control Adjust

> CONSUMABLES LONG LIFE  
> HIGH QUALITY CUTTING

**6 modes :**

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



400 V · 3 ~

**NEOCUT 105**

400 V · 3 ~

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

GRID CUT Synergic AIR AD IP 23

MARKING GOUGING

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

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

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

400 V · 3 ~

**NEOCUT 125**

400 V · 3 ~

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

GRID CUT Synergic AIR AD IP 23

MARKING GOUGING

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

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

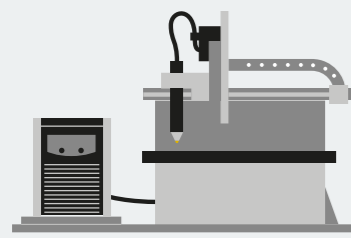
MT 125, 6 m 4 m, 25 mm<sup>2</sup> + Starter Kit  
067448

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

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

Model	Torch	I <sub>2</sub>	mm					INTEGRATED TECHNOLOGY					AIR SYSTEM Pressure (bar)			EN 60974-1 (40°C)			Protected & compatible power generator (+/-15%)	L x W x H cm / kg							
			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									
CUTTER 45 CT	TPT 40	230V 1~	16	15+45	20	15	15	10	8	6				Digital			analogic	5	7	5.2 bar	32 A	41 A	50%	10/25 mm <sup>2</sup>	10.5 kW	12.5 kVA	014787 - 51 x 32 x 46 / 14.9
	MT 70	230V 1~	32	15+30	15	10	10	8	—	—								5	7	115 L/min	17 A	21 A	25%	10/25 mm <sup>2</sup>			013629 - 51 x 31 x 47 / 16.4
		110V 1~	32	15+45	30	20	25	15	12	10								5	7	5.2 bar	32 A	41 A	50%	10/25 mm <sup>2</sup>			NC
CUTTER 70 CT		400V 3~	16	20+70	35	25	25	18	15	12				Digital			analogic	5	9	5.2 (185L/min)	55 A	70	60	10/25 mm <sup>2</sup>	15 kW		013636 - 60 x 38 x 48 / 23.6
NEOCUT 105		400V 3~	32	20+105	50	40	35	30	20	18							analogic & digital	5	9	5.5 (305 L/min)	105 A	—	100	10/25 mm <sup>2</sup>	30 kW	36 kVA	063044 - 69 x 36 x 58 / 33
																											063112 - 69 x 36 x 58 / 39.8
NEOCUT 125		400V 3~	50	20+125	57	55	40	40	25	25							analogic & digital	5	9	5.5 (305 L/min)	125 A	—	100	35/70 mm <sup>2</sup>	30 kW	36 kVA	067431 - 68 x 34 x 53 / 38.5
																											067448 - 68 x 34 x 53 / 42.5

COMPUTER NUMERICAL CONTROL



Kit	Technology	CNC	CPC	Cable	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  
 27 x 20 x 8 cm / 1.2 kg  
 069596



Compressed air cleaning filter - Filtre déshumidificateur  
 24 x 14 x 14 cm / 1.5 kg  
 039728

Filter kit for CUTTER 70, NEOCUT 105/125  
 28 x 23 x 9 cm / 500 g  
 046580

Filter cartridges - Cartouches pour filtre (x4)  
 039735

TROLLEYS - Chariots

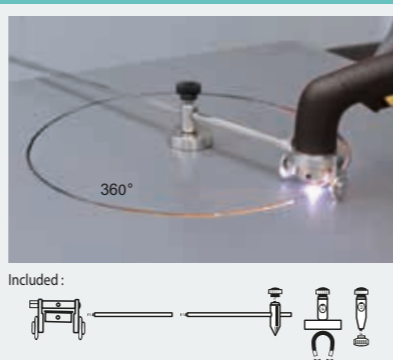


PLASMA	1	2	3	6	7	15
EASYCUT K25				✓	✓	✓
EASYCUT K35F	✓			✓	✓	✓
EASYCUT 30 FV				✓	✓	
EASYCUT 40				✓	✓	
CUTTER 45CT						✓
CUTTER 70CT						✓
NEOCUT 105		✓	✓			✓
NEOCUT 125		✓	✓			✓

COMPASS - Compas



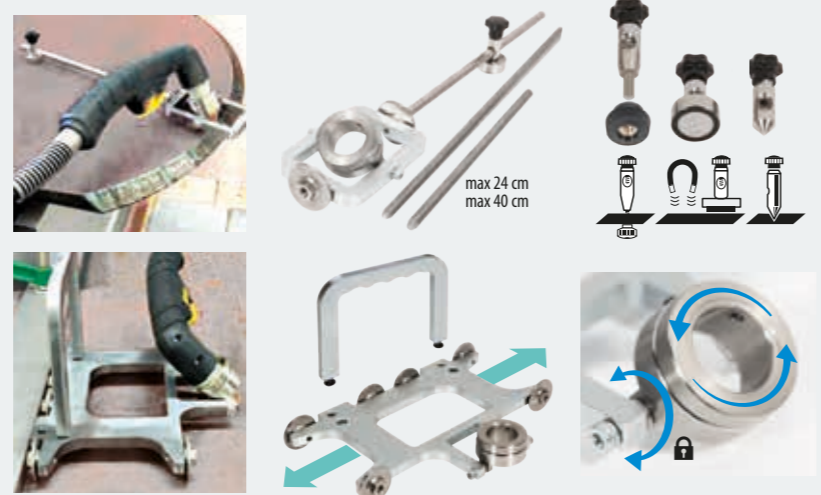
Ø max	Trolley included	Torches compatibility						Ref
		TPT 25	TPT 40	MT 25K	MT 35K	MT 45	MT 70	
1540 mm	040199	■	■	■	■	■	—	040205
820 mm	037977	—	—	—	—	—	■	037984



GUIDING KIT - Kit de guidage



For MT 70, MT 125  
 38 x 31 x 9 cm  
 / 3.4 kg  
 038653



CUTTER 45CT

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

CUTTER 70CT

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

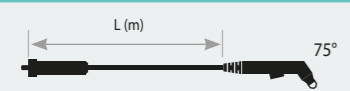
NEOCUT 105

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

NEOCUT 125

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

MANUAL - Hand-held torches



MT torches	I (60%)	I (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 TORCHES

Easyfit connection cable



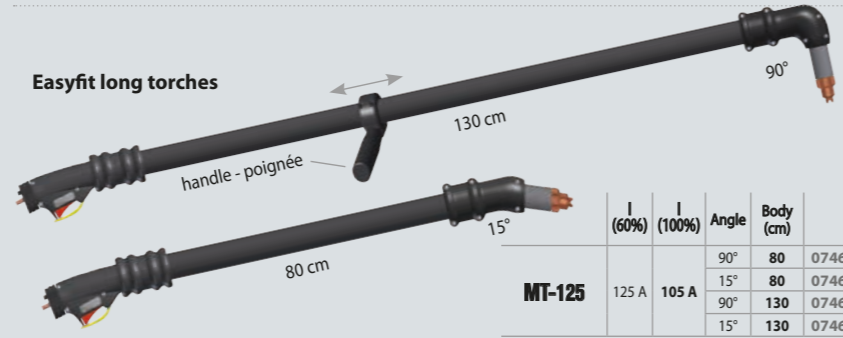
L (m)	ref
6	074668
12	074675

Easyfit torches



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

Easyfit long torches



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

AUTOMATIC - Mechanized torches



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



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

Cutting - Coupage		Diffuser - Diffuseur - Swirl Ring	Electrode - Schneidelektrode	Tip - Tuyère - Düse	Nozzle - Buse - Schneiddüsenhalter	Ohmic nozzle - Buse ohmique	Deflector - Déflecteur
AT-70	20-50 A	037557	037564	037571	037601	037618	037649
	70 A			037588			
	45 A Precision cut			039315			
AT-125	45 A	039131	039155	039162	039216	039339	039292
	65 A			039179			
	85 A			039186			
	105 A			039193			
	125 A			039209			
AT-160	45 A Precision cut	039148	039148	067516	039223	039445	039308
	45 A			067523			
	65 A			067530			
	85 A			067547			
	105/125 A			067554			
	160 A			067561			

STANDARD Consumables

Boxes (cutting) - Coffrets (coupage)



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

Cutting - Coupage

		Diffuser - Diffuseur - Swirl Ring	Electrode - Schneidelektrode	Tip - Tuyère - Düse	Nozzle - Buse - Schneiddüsenhalter	Shield - Patin
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 067196	037601	Long (30.1 mm) 067219
MT-125	45 A Precision cut					
	45 A					
	65 A	x1 039131	x3	x3 039155	x1 039216	x1 039230
	85 A	x1	x3	x3 039186	x1	x1
	105 A	x1 039148	x3	x3 039193	x1 039223	x1 039247
	125 A	x1	x3	x3 039209	x1	x1

Gouging - Gougeage

		Diffuser - Diffuseur - Swirl Ring	Electrode - Schneidelektrode	Tip - Tuyère - Düse	Nozzle - Buse - Schneiddüsenhalter	Shield - Patin
MT-70	70 A	037557	037564	037595	037601	037632
MT-125	65-85 A	039131	039155	039261	039216	039254
	105 A	039148		039278		
	125 A			039285		

DIFFICULT ACCESS Consumables

Cutting - Coupage

		Diffuser - Diffuseur - Swirl Ring	Electrode - Schneidelektrode	Nozzle - Buse - Schneiddüsenhalter	Ring - Bague	Tip - Tuyère - Düse	Shield - Patin
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	

Gouging - Gougeage

		Diffuser - Diffuseur - Swirl Ring	Electrode - Schneidelektrode	Nozzle - Buse - Schneiddüsenhalter	Ring - Bague	Tip - Tuyère - Düse	Shield - Patin
MT-70	70 A	037557	074682	074859	074897	074798	074927
MT-125	70 A	039131	074699	074866	074897	074798	074927
	100 A	039148				074804	

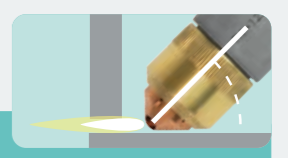
Extractor - Extracteur 074842  
Assembly & disassembly tool - Outil d'aide à l'installation et au démontage



FLAT CUTTING Consumables

Cutting - Coupage

		Diffuser - Diffuseur - Swirl Ring	Electrode - Schneidelektrode	Nozzle - Buse - Schneiddüsenhalter	Tip - Tuyère - Düse	Retaining ring - Bague de maintien
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	







# INDUCTION HEATING

1 200 · 22 000 W

POWERDUCTION 82

ACCESSORIES & CONSUMABLES 86



# INDUCTION HEATING

# 1.2 → 5.2 kW



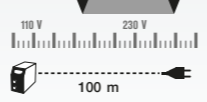
NEW

	10R	10R PRO
POWERDUCTION 10R	✓	✓
Flexible 800 mm   054813	✓	✓
Straight 800 mm   054868	✓	✓
<b>SIDE</b>		
Ø 18 mm ⊙ ≤ M8   054806	✓	✓
Ø 21 mm ⊙ ≤ M10   079953	✓	✓
Ø 24 mm ⊙ ≤ M12   054790	✓	✓
Ø 27 mm ⊙ ≤ M14   079960	✓	✓
Ø 30 mm ⊙ ≤ M16   055469	✓	✓
<b>FRONT</b>		
Ø 18 mm ⊙ ≤ M8   079977	✓	✓
Ø 21 mm ⊙ ≤ M10   079984	✓	✓
Ø 24 mm ⊙ ≤ M12   079991	✓	✓
Ø 27 mm ⊙ ≤ M14   080003	✓	✓
Ø 30 mm ⊙ ≤ M16   080010	✓	✓



### PFC POWER FACTOR CORRECTION

185 V ← 265 V



1.5 m



2 m

Included S90 058927



3 m

	included	39LG C20/B1	39LG S90
C20/B1   056862	✓	✓	—
285   064485	—	—	✓
S90   058927	—	—	✓



For use < 3600W



3 m

1200 W | 230V • 1~ | AIR

**POWERDUCTION 10R**  
(5 inductors)  
062504  
068643  
080966

**POWERDUCTION 10R PRO**  
(12 inductors)  
080195  
080300

NEW

POWERDUCTION 37LG | 3700 W | 230V • 1~

**LIQUID**  
056992  
072510  
080959

POWERDUCTION 39LG (C20/B1) | 3700 W | 230V • 1~

**LIQUID**  
058583

POWERDUCTION 39LG (S90) | 3700 W | 230V • 1~

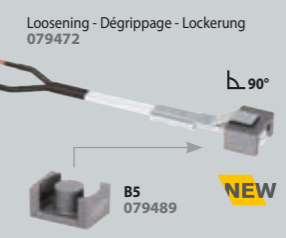
**LIQUID**  
080027

NEW

POWERDUCTION 50LG | 5200 W | 230V • 1~

**LIQUID**  
055599

### OPTIONS 10R



NEW

### OPTION 37LG



### OPTION 50LG



MADE IN FRANCE	Cable L (m)	Inductor	Heating			Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg
			Heating	Heating	Heating			
<b>POWERDUCTION 10R / 10R PRO</b>	230V, 1~ 50/60 Hz	10 mini	1200	45+80	—	1.5 kW	062504 - 42 x 17 x 37 / 5.4	062504 - 21 x 10 x 15 / 3.3
<b>POWERDUCTION 37LG</b>	230V, 1~ 50/60 Hz	16 mini	3700	15+30	—	4 kW	60 x 34 x 33 / 14.5	56 x 26 x 29 / 13
<b>POWERDUCTION 39LG (C20/B1) / (S90)</b>	230V, 1~ 50/60 Hz	16 mini	3700	20+60	■	4 kW	058583 - 81 x 38 x 59 / 52	058583 - 46 x 36 x 70 / 46.5
<b>POWERDUCTION 50LG</b>	230V, 1~ 50/60 Hz	25 mini	5200	20+60	■	6 kW	80 x 60 x 60 / 71	46 x 43 x 75 / 58



# INDUCTION HEATING 11 → 22 kW



POWERDUCTION 110LG

**11 000 W** 400 V • 3~  
\* LIQUID

058590

POWERDUCTION 110LG 208-240V

**11 000 W** 208-240 V • 3~  
\* LIQUID

065246

POWERDUCTION 160LG

**16 000 W** 400 V • 3~  
\* LIQUID

057814

POWERDUCTION 160LG 208-240 V

**16 000 W** 208-240 V • 3~  
\* LIQUID

065253

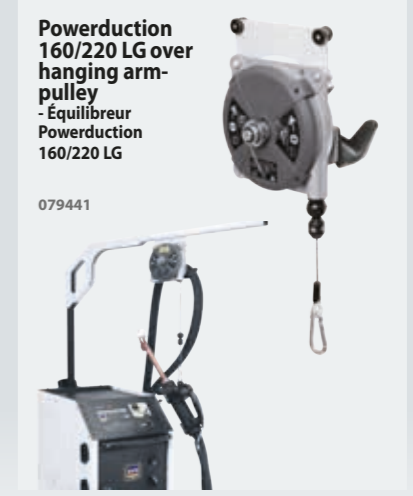
POWERDUCTION 220LG

**22 000 W** 400 V • 3~  
\* LIQUID

6 m cable : 066861

10 m cable : 074576

OPTION



t° POWER HEAT CONTROLLER

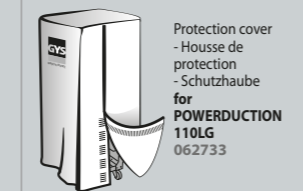


Included T° sensors thermocouple type K x2  
**Compatibility**  
POWERDUCTION 110LG  
POWERDUCTION 110LG 208-240 V  
POWERDUCTION 160LG  
POWERDUCTION 160LG 208-240 V  
POWERDUCTION 220LG

OPTION



OPTIONS



MADE IN FRANCE	Cable L (m)	Heating	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg	-AM-		Freq.	Liquid Cooling	Inductor	Heating		
						A	W				kHz	mm	s
POWERDUCTION 110LG	400V, 3~50/60 Hz	16 mini	11 000	20+60	71	5	4	M18 → 1 s	2 mm → 2 s 4 mm → 4 s	Ø10 → 7 s	15 kW	59 x 60 x 80 / 85.5	42 x 42 x 76 / 69.5
POWERDUCTION 110LG 208-240V	208-240V, 3~50/60 Hz	35 mini	11 000	20+60	71	5	4	M18 → 1 s	2 mm → 2 s 4 mm → 4 s	Ø10 → 7 s	15 kW	59 x 60 x 80 / 90	NC
POWERDUCTION 160LG	400V, 3~50/60 Hz	32 mini	16 000	20+60	301	4	6	M20 → 1 s	2 mm → 2 s 4 mm → 4 s	Ø10 → 5 s	22 kW	80 x 61 x 120 / 140	78 x 58 x 118 / 128
POWERDUCTION 160LG 208-240V	208-240V, 3~50/60 Hz	45 mini	16 000	20+60	301	4	6	M20 → 1 s	2 mm → 2 s 4 mm → 4 s	Ø10 → 5 s	22 kW	80 x 60 x 120 / 126	78 x 58 x 118 / 113.5
POWERDUCTION 220LG	400V, 3~50/60 Hz	32 mini	22 000	20+60	301	4	6	M45 → 3 s	4 mm → 3 s 8 mm → 9 s	Ø10 → 4 s	22 kW	81 x 61 x 120 / 140	78 x 58 x 118 / 128
POWERDUCTION 220LG 10M	400V, 3~50/60 Hz	32 mini	22 000	20+60	301	4	10	M45 → 3 s	8 mm → 9 s 4 mm → 3 s	Ø10 → 4 s	22 kW	60 x 80 x 120 / 144.5	NC

# SMALL Ø16

## INDUCTORS

	S90 058927	S70 061569	S180 059269	S20/B1 (20°) 064874	S180/B1 064881	S180/B2 064928	S180/B3W 067899
* = original equipment	✓*			✓			✓
37 LG							
39 & 50 LG				✓ with adapter 285			
110, 160 & 220 LG				✓ with adapter 325			

	S20/D20 078796	S90/D20 078871	S180/D20 069985
Ø 20	S20/D25 078802	S90/D25 078888	S180/D25 069992
Ø 25	S20/D30 078819	S90/D30 078895	S180/D30 070592
Ø 30	S20/D35 078826	S90/D35 078901	S180/D35 070608
Ø 35	S20/D40 078833	S90/D40 078918	S180/D40 070615
Ø 40	S20/D45 078840	S90/D45 078925	S180/D45 070622
Ø 45	S20/D50 078857	S90/D50 078932	S180/D50 070639
Ø 50	S20/D55 078864	S90/D55 078949	S180/D55 070646
Ø 55			
37 LG	✓ S20/D20-D35, S90/D20-D35, S180/D20-D35		
39 & 50 LG	✓ with adapter 285		
110, 160 & 220 LG	✓ with adapter 325		
Protection kit for L180/D inductors - Kit de protection pour inducteurs boucle 077386			

	S180 HEAT TUBE D37 078604	S180 HEAT TUBE D40 078611	S180 HEAT TUBE D50 078628
39 & 50 LG	✓ with adapter 285		
110, 160 & 220 LG	✓ with adapter 325		

ADAPTERS	
	285 M28 Ø16 064485
	325 M32 Ø16 064508
39 & 50 LG	✓ 285 M28 Ø16
110, 160 & 220 LG	✓ 325 M32 Ø16

<b>Boxes - Boîtes</b>			
	285/B type W for 39LG & 50LG 072497	325/B type W for 110LG, 160LG & 220LG 072503	L box 065796
	included: S20/B1 (x1) S180/B1 (x1) S180/B3 (x1) 285 (x1) B1 (x1) B3 (x1)	included: S20/B1 (x1) S180/B1 (x1) S180/B3 (x1) 325 (x1) B1 (x1) B3 (x1)	included: L70 (x1) L180 (x1)

<b>Trolley for inductor for adapter 32L</b> Chariot pour inducteur pour adaptateur 32L 075955	
	4 to 8 wheels

<b>Ferrites - Ferrites - Ferritaufsatz</b>												
	B1 053823	B1 (x5) 079380	B2 053458	B3 067875	B4 053755	B5 079489	B1 (x5) 079397	B2 056916	B3 072527	B4 054844		Spiral 069701

<b>Glue kit for inductor</b> Kit de colle pour inducteur 075948	
	EA 9487 Colle-Stick bi-composants Power Epoxy 150°C 054851

# LARGE Ø32

## INDUCTORS

	L90 (90°) 059788	L70 (70°) 059771	L180 059795	L180/Spiral 065000	L20/B4 067882	L180/B4 079786	L20 Alu Glove 069114
* = original equipment							
39 & 50 LG				✓ with adapter 28L			
110, 160 & 220 LG	✓ with adapter 32L*		✓ with adapter 32L		✓ with adapter 32L*	✓ with adapter 32L	✓ with adapter 32L

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

Protection kit for L180/D inductors - Kit de protection pour inducteurs boucle 077386		
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ADAPTERS	
	28L M28 Ø32 064492
	32L M32 Ø32 064515
39 & 50 LG	✓ 28L M28 Ø32
110, 160 & 220 LG	✓ 32L M32 Ø32

Pre-heating & Fretting - Préchauffage et Frettage			
	L20	L90	L180
Ø 200 & < Ø 300	Production on request		
110, 160 & 220 LG	✓ with adapter 32L		

Brasing - Brasage			
	L90 BRAZ 16 Ø 1/2" / 16 mm 076907	L90 BRAZ 28 Ø 1" / 28 mm 076921	L180 BRAZ 16 Ø 1/2" / 16 mm 076914
			L180 BRAZ 28 Ø 1" / 28 mm 076938
* = original equipment			
110, 160 & 220 LG	✓ with adapter 32L*		

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

Exchanger - Échangeur	
	L180R X Production on request
110, 160 & 220 LG	✓ with adapter 32L

# COMPLETE Ø28

## INDUCTORS

C20/B1 056862	C180/B1 056879	C180/B2 056886
37 LG		
39 & 50 LG	✓*	✓
110, 160 & 220 LG		



# STUD WELDING

GYSTUD CAPATEK	90
GYSPOT ARCPULL	92
ACCESSORIES & CONSUMABLES	94



# STUD WELDING CD CAPACITOR DISCHARGE

Alu / Steel / Stainless steel / Brass  
Alu / Acier / Inox / Laiton

Adjustable lift G1 GUN only

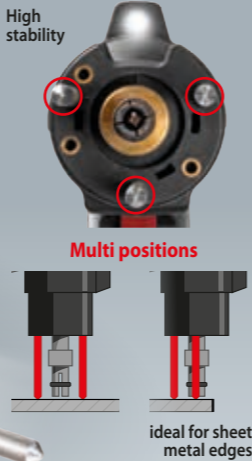


Solenoid inside  
1 > 5 mm

Smart LED light

Ready  
Perfect positioning  
Alert  
Charging capacitors, wrong parameters or error  
Studs count reached

More accessibility



Adjustable force

G1 GUN: 20 > 50 N  
C1 GUN: 20 > 100 N



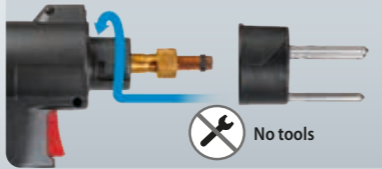
example : G1 GUN

Integrated counter

incremental or decremental

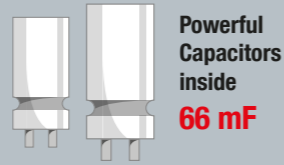


Smart lock/unlock system

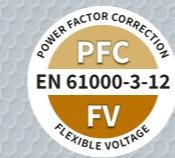
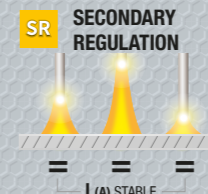
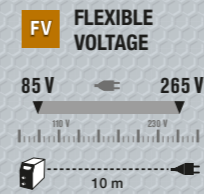
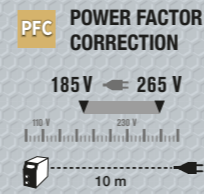
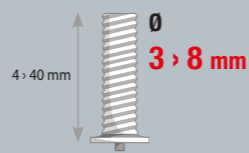


No tools

Ultra light



Powerful Capacitors inside  
66 mF

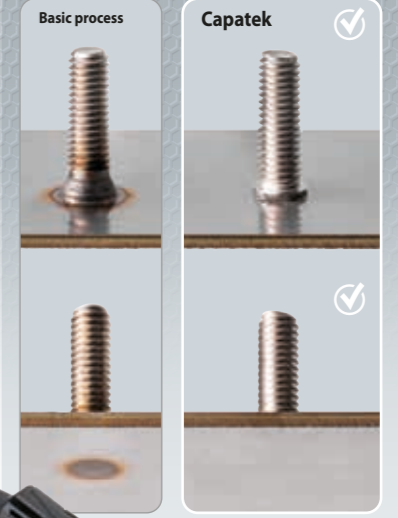


NEW



Clean appearance

Minimal penetration  
No marks  
No distortions



example : stainless steel



Ø max 8 mm

Separated gun

GYSTUD CAPATEK 66MF FV

110 > 230V • 1~

66 mF

P400 PFC FV SR AD



+ G1 GUN 4 m, 35 mm<sup>2</sup> + Double earth clamp 2 m, 35 mm<sup>2</sup>

081000



+ C1 GUN 4 m, 35 mm<sup>2</sup> + Double earth clamp 2 m, 35 mm<sup>2</sup>

076747

Ref.	Process	Process steps	Materials				Solenoid inside	Adjustable force	Adjustable lift	original equipment	Weight	Cable length
			Steel	Stainless steel	Alu	Brass						
G1 GUN	080515	Gap	■	■	■	■	20 > 50 N	1 > 5 mm	chuck M6 included	660 g	4 m	
C1 GUN	-	Contact	■	■	-	-	25 > 100 N	-	chuck M6 included	450 g	4 m	



CHUCKS HOLDER BOX 080935

Ø	Ref.	Qty
Ø3	081215	x1
Ø4	049000	x2
Ø5	048757	x1
Ø6	048164	x1
Ø8	064058	x1

Material	Alu magnesium				Alu silicium				Steel - Acier	
	12 mm				12 mm				16 mm	20 mm
M4 x200	M4 x1000	M5 x100	M6 x100	M4 x200	M4 x1000	M5 x100	M6 x100	M6 x200	M8 x200	
050273	050129	048140	048133	050280	050136	048126	048003	081345	081352	

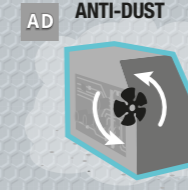
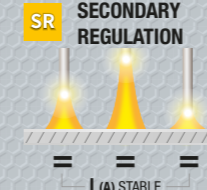
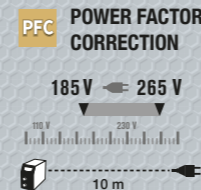
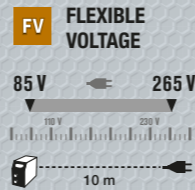
MADE IN FRANCE 60974-1	50/60 Hz	I <sub>2</sub> A	SYNERGIC	TECHNOLOGY		U <sub>2</sub> V	I <sub>2</sub> A	L x W x H cm / kg	L x W x H cm / kg
				L	Consumables				
GYSTUD CAPATEK 66mF FV	110 > 230V	2 m	13000 A	■	■	50 > 200 V	5 A	24 x 29 x 39 / NC	48 x 36 x 27 / 11





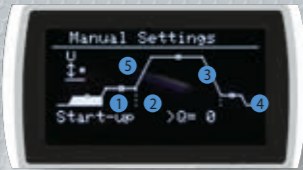
# STUD WELDING DRAWN ARC

Alu / Steel  
Alu / Acier



SYNERGIC

EXPERT Control



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

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

MANUAL



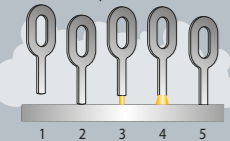
7 languages  
FR, EN, DE, SP, IT, NL & RU

## SYNERGIC DIGITAL GUNS

★ ★ ★ ★ ★  
**UNIQUE Linear Motor**



**DRAWN ARC PROCESS**  
Gas protection



FULL CONTROL



Consumables for Gun  
x2 059627

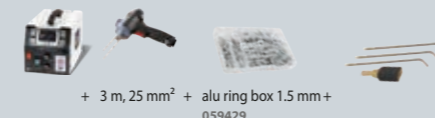
∅ max  
Alu/Fe :  
6 mm

GYSPOT ARC PULL 200

110 · 230V · 1~

**200 A** x1 MANUAL

FV PFC SR AD



057470



Consumables for Gun  
x2 059627

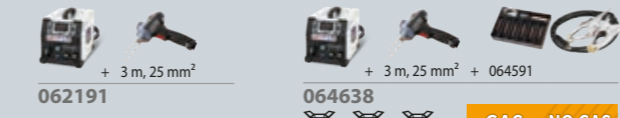
∅ max  
Alu/Fe :  
8 mm

GYSPOT ARC PULL 350

208 · 240V · 1~

**350 A** x1 MANUAL

PFC SR AD



062191

064638

GAS NO GAS



∅ max  
Alu : 10 mm  
Fe : 13 mm

GYSPOT ARC PULL 700 INDUSTRY

380 · 480V · 3~

**680 A** x1 MANUAL

SR IP 23



062207

Ideal all position



15L/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

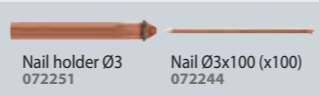


Weld 910  
for ARC PULL  
700  
070967

MADE IN FRANCE 60974-1	50/60 Hz	I <sub>2</sub> A	SYNERGIC	TECHNOLOGY		U <sub>2</sub> V	I <sub>AM</sub> A	kW	OK	OK	L x W x H cm / kg	cm	ArcPull	ArcPull + gun
				Acier/Steel	Alu									
GYSPOT ARC PULL 200	110 · 230V	6 m	10 · 100 (110V) 10 · 200 (230V)	Manual + Digital Gun Motion Control	20 · 100 mm	20.4 · 24V (110V) 20.4 · 28V (110V)	16	2.4 (110V) 5.6 (230V)	OK	OK	49 × 37 × 30 / 14.5	21 × 25 × 33	8.6 kg	11.9 kg
GYSPOT ARC PULL 350	208 · 240V	6 m	10 · 350	Manual + Digital Gun Motion Control	20 · 100 mm	20.4 · 34V	16	11.9	OK	OK	48 × 36 × 30 / 17.4	23 × 31 × 28	11 kg	14.3 kg
GYSPOT ARC PULL 700	3x 400V 3x 480V	5 m	50 · 680	Manual + Digital Gun Motion Control	20 · 100 mm	22 · 44V	20 A (D) 16 A (D)	47.8 kW 45.7 kW	OK	OK	60 × 34 × 46 / 25.5	32 × 32 × 41	17.4 kg	20.4 kg

# GYSPOT ARC PULL 350 - ACCESSORIES & CONSUMABLES

**DIFFICULT ACCESS**



Steel / Acier / Stahl	Ø 2 mm	Ø 4 mm	inox/SSL	Ø 5 mm self-threading	Ø 6 mm	int. M4	Ø 7.1 mm	int. M5	Ø 8 mm									
059634 x1	059641 x1	064065 x1	041561 x100	064034 x100	049000 x2	059603 x100	064607 x100	048157 x1	049383 x100	049413 x100	049420 x100	048164 x1	063969 x100	063990 x200	064041 x1	064003 x200	064058 x1	063976 x100

<b>STEEL STUDS BOX 350</b> 059443	x1	x1			x1	x100			x1	x100	x100	x100						
--------------------------------------	----	----	--	--	----	------	--	--	----	------	------	------	--	--	--	--	--	--

Joint rings for mandrel  
Ø 4/5/6 (x2)  
060814

Alu	Ø 4 mm	Ø 5 mm	Ø 6 mm	Ø 7.1 mm	Ø 8 mm							
059634 x1	059641 x1	049000 x2	AlMg3 059573 x100	AlMg3 048157 x1	AlMg3 059580 x100	AlMg3 048164 x1	AlMg3 059597 x100	int. M4 064010 x200	int. M5 064041 x1	int. M5 064027 x200	AlMg3 064058 x1	AlMg3 063983 x100

<b>ALU STUDS BOX 350</b> 059436	x1	x1	x1	x100	x1	x100	x1	x100				
------------------------------------	----	----	----	------	----	------	----	------	--	--	--	--

STUDS HOLDER BOX 350	Ø 2	Ø 4	Ø 5	Ø 6	Ø 7.1	Ø 8	3 m	ARC PULL DIFFICULT ACCESS BOX 350	Ø 6	Ø 7.1	Ø 8	Ø 10	Ø 12	3 m			
059634 x1	059641 x1	064065 x1	049000 x2	048157 x1	048164 x1	064041 x1	064058 x1	070714 x1	059634 x1	059641 x1	070806 x1	070790 x1	070752 x1	070769 x1	070776 x1	070783 x1	070714 x1

# GYSPOT ARC PULL 700 - ACCESSORIES & CONSUMABLES



Ceramic ferrule STANDARD	Complete stand ceramic ferrule Standard 700	Shear connector holders - Portes-ancres à béton
068322	068322	068438
	Ø 6 Ø 8 Ø 10 Ø 12	Ø 10 mm
	068582 068445 068391 068407 068414 068421	Ø 13 mm
	x1 x1 x1 x1 x1 x1	075634 075641

Ceramic ferrule GRIP	Complete stand ceramic ferrule Grip 700	Stand shielding gas - Fourche protection gazeuse
068339	068339	068346
	Ø 6 Ø 8 Ø 10 Ø 12	
	068575 068353 068360 068377 068384	
	x1 x1 x1 x1 x1	

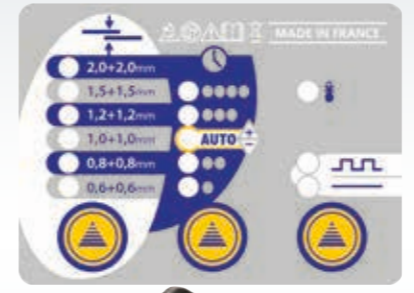
		Arc Pull 700				
		Arc Pull 350				
<b>Ceramic ferrule - Ferrules céramique - Keramikring</b>	Type UF ISO 13918	Ø 6	Ø 8	Ø 10	Ø 12	
		068520	068537	065680	065697	
		x 500	x 500	x 500	x 500	
<b>Studs - Goujons - Bolzen</b>	Type DD ISO 13918	M6x20	M8x20	M10x20	M12x50	
		20-50 mm				
		Steel - Acier - Stahl	068506	068513	065659	065673
		Stainless steel - Inox - Edelstahl	068469	068476	068483	068490
			x 500	x 500	x 500	x 500
	Type SD ISO 13918	100 mm				
		Concrete anchor - Ancre à béton - Betonanker			Ø 10	065642
					x 250	

Threaded holders - Portes-goujons	Universal adaptor
04 076167	077492
05 076174	
06 068391	
07.1 076181	
08 068407	
10 068414	
12 068421	



# SPOT WELDING

PORTASPOT



50/60 Hz	16(D)	6 300	8 900	2+2	2.5	2.5	3x2.5 H05VVf	100% CU	L x W x H cm / kg
1 x 230V								OK	

**PORTASPOT 230**  
230 V • 1 ~  
**6 300 A 120 daN**  
delivered with PX1 :  
022256

## OPTIONS

ARMS Cu Ø23mm	ELECTRODES	CAPS & ACCESSORIES
EX60 l = 110 mm	EX40 Short electrode 40 mm 047884	Caps type F (x 6) 049970
EX60 PX1 (included) 047945	EX60 Medium electrode 60 mm 047891	Caps remover 050846
EX40 PX2 047938	EX80 Long electrode 80 mm 047907	Lame - Blade 052857
EX80 PX4 047914		Affuteur de caps - Cap grinder 048966





# VALIDATION SET

## VALIDATION/CALIBRATION SET - Valise d'étalonnage - Kalibrierungsset

**GCU 1.0**  
060456

### Included connections

- VM1** Voltage measurement cables (2m) 060531
  - VM2** Voltage measurement cable (2m) 060548
  - VM2-VM1** Measurement MIG/MAG (U)
  - GM1** Gas measurement (2m) 060555
  - USB1** USB 2.0 cable (1.5m) 060609
  - PC1** Power cable (2m) 50 mm<sup>2</sup> Texas CM50.21 060593
  - DRC1** Command cable DIN/DIN (2m) 060579
  - ARC1** Command cable DIN/Amphenol (2m) 060586
  - RC1** Remote control DIN (2m) 060562
- |            |   |
|------------|---|
| RC1 + ECM1 | ✓ |
| RC1 + DRC1 | ✓ |
| RC1 + ARC1 | ✓ |



Discover it on  
**YouTube**



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

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



### Applications:



Parameters (precision)				FV	L x W x H cm / kg	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	49 x 38 x 30 / 9.4	67

## LOAD BANK - Charge d'étalonnage - 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%	3%
📦/⚖️	68 x 37 x 65 cm / 23 kg



### Options

#### MIG EURO CONNECTION

Calibration cable with euro torch connector and remote control - Câble connexion EURO MIG avec commande à distance  
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



## GENERATOR CONTROL - Contrôle du générateur - Prüfgeräte



**Torch Gas Flow-Meter**  
- Débitmètre de bout de torche  
- Durchflussmesser  
053939



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

## MARKERS & CHALK - Marqueurs & craies - Marker & Kreide

Welding compatible - Compatibles Soudure - Lötfähig



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



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



**Deep hole marker**  
- Marqueur trous profonds  
- Tieflochmarkierer  
069350

## METAL CONTROL - Contrôle de pièces - Werkstückprüfgeräte

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



**Welding Gauge**  
- Jauge pour cordon de soudage  
- Schweißnahtlehre  
053977



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



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



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



### Multimeter - Multimètre - Multimeter



### Energy tracking - Mesure d'énergie - Energiemessung



### Calibration - Validation - Kalibrierung



EN 1090 EN 50 504 EN 60974-14 SOFTWARE INCLUDED 5 languages (FR/EN/DE/ES/IT)

### OPTIONS

**ECM1**  
060524



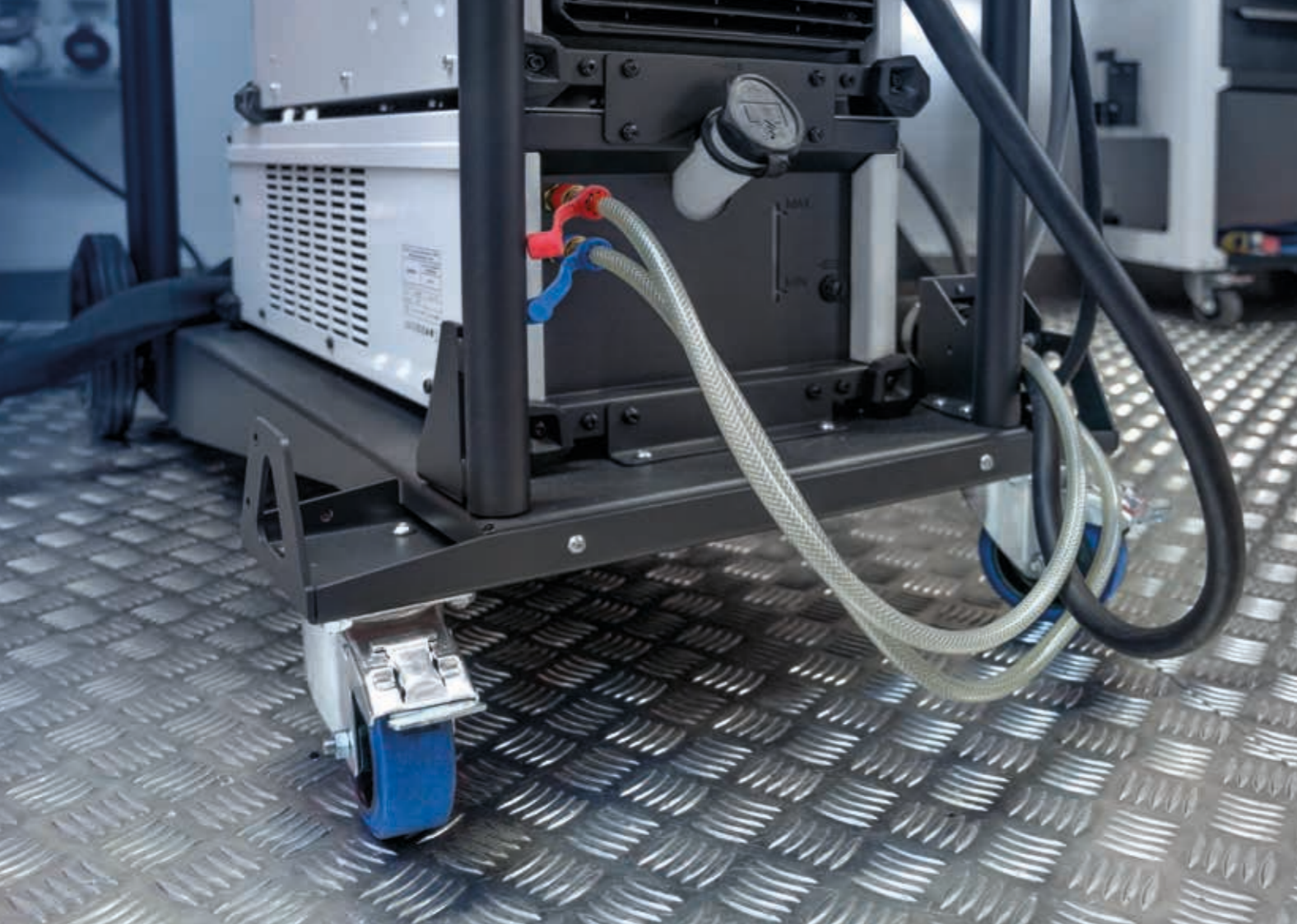
**ECM1+VM1**:  
Measurement MIG/MAG (U / I / ⚗ / Gas)

**Wire Speed Meter**  
- Tachymètre vitesse fil  
- Geschwindigkeitsmesser  
060517



### Packs Caliweld

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



+

# POWER SOURCE EQUIPMENT

COOLING UNITS	100
HEAVY DUTY CASES	101
TROLLEYS	102

# COOLING UNITS

GROUPES FROIDS - KÜHLAGGREGATE - GRUPOS DE REFRIGERACIÓN

Cooling liquid  
(not included)



Ø 10  
x1  
064324

Ø 10  
x1  
064331

x1  
064348

COOLING UNITS	50/60 Hz	W	⚙️	⚖️	COMPATIBILITY
				kg	
WCU 0.5kW A	230V 1~	500	1.5 L	8	TIG 220 DC
KOOLWELD 1	24 V DC	800	5.5 L	15	TITANIUM 230, TITAN 231 DC
KOOLWELD 2	400V 2~	890	5.5 L	17	NEOMIG-i 400G / 500G
WCU 1kW B	400V 3~	1000	3 L	15	TIG 300 DC
WCU 1kW C	400V 3~	1000	5.5 L	17	TITAN 400 DC, TITANIUM 400 AC/DC, NEOPULSE 320C
EXACOOOL	400V 3~	1000	5.5 L	20	EXAGON
NEOCOOL/TWINCOOL	400V 3~	1000	5.5 L	20	NEOPULSE 400G / 500G

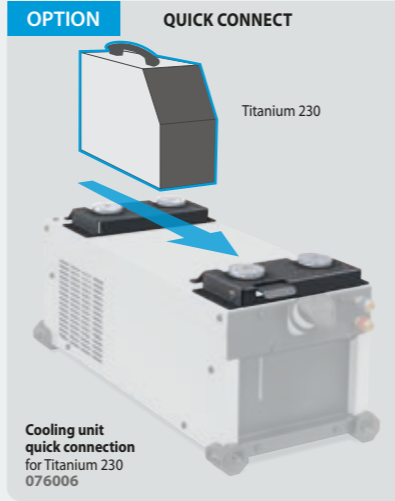
## DEDICATED UNITS - Groupes dédiés



**WCU 0.5kW A**  
📦/⚖️ 62 x 27 x 30 cm / 9 kg  
039490



**KOOLWELD 1**  
📦/⚖️ 65 x 36 x 32 cm / 17.7 kg  
070820



**WCU 1kW B**  
📦/⚖️ 64 x 35 x 37 cm / 18 kg  
032217



**KOOLWELD 2**  
📦/⚖️ 80 x 35 x 38 cm / 20 kg  
075115



**WCU 1kW C**  
📦/⚖️ 80 x 35 x 38 cm / 19 kg  
013537



**EXACOOOL**  
📦/⚖️ 80 x 35 x 38 cm / 19.4 kg  
032422



**NEOCOOL**  
📦/⚖️ 80 x 35 x 38 cm / 19.2 kg  
032750



**TWINCOOL**  
📦/⚖️ 80 x 35 x 38 cm / 20.5 kg  
065086

📦  
for double wire feeder

## UNIVERSAL UNITS - Groupes universels



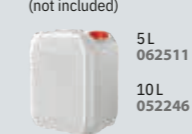
**MULTICOOL 500**  
📦/⚖️ 61 x 27 x 29 cm / 8.8 kg  
069206



**MULTICOOL 1300**  
📦/⚖️ 79 x 36 x 37 cm / 21.3 kg  
036628

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

Cooling liquid  
(not included)



Ø 10  
x1  
064324

Ø 10  
x1  
064331

x1  
064348

MMA  
TIG  
MIG

# HEAVY DUTY CASES

VALISE DE CHANTIER - HARTSCHALENKOFFER



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

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

📦/⚖️ 57 x 44 x 24 cm / 4.9 kg  
060432

☔  
IP67



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

for  
✓ GYSARC 220 FV  
✓ PROGYS 220  
✓ PROTIG 160 DC Lift  
✓ PROTIG 161 DC  
✓ PROTIG 221 DC  
✓ PROTIG 231 DC  
✓ PROTIG 200 AC/DC.  
✓ PROTIG 201 AC/DC.  
✓ EASYCUT K25

📦/⚖️ 64 x 52 x 31 cm / 10.6 kg  
077461

# TROLLEYS

CHARIOTS - FAHRWAGEN - CARROS



## SKATES



**1** Skate  
71 x 35 x 10 cm / 8.3 kg  
040977

**2** Skate  
70 x 35 x 10 cm / 8.3 kg  
037717

**3** Skate  
70 x 35 x 10 cm / 7.6 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



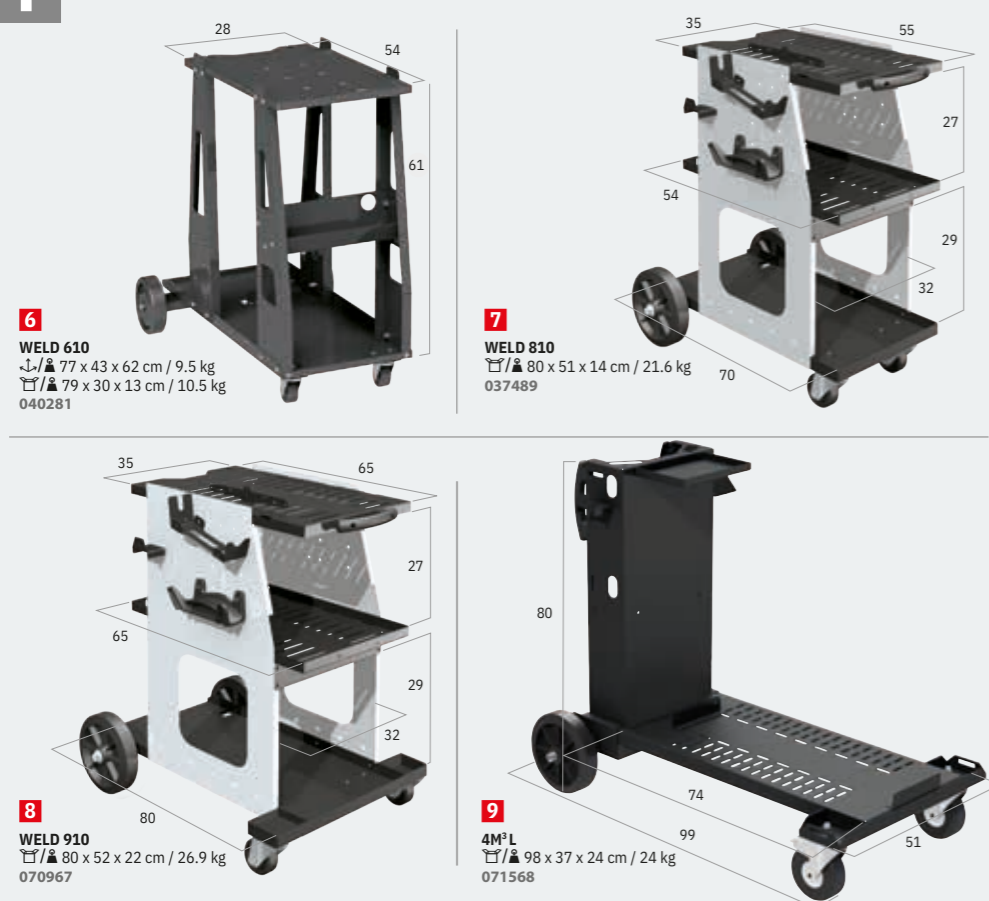
**4** PLASMA 600  
63 x 30 x 10 cm / 8.8 kg  
040298

**5** UNIVERSAL 800  
79 x 39 x 18 cm / 18 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  
77 x 43 x 62 cm / 9.5 kg  
79 x 30 x 13 cm / 10.5 kg  
040281

**7** WELD 810  
80 x 51 x 14 cm / 21.6 kg  
037489

**8** WELD 910  
80 x 52 x 22 cm / 26.9 kg  
070967

**9** 4M<sup>3</sup> L  
98 x 37 x 24 cm / 24 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	✓	✓	✓	✓
PROTIG 231/231L DC				✓
TITAN 231 DC				✓
TIG 300 DC		✓	✓	✓
PROTIG 200 AC/DC	✓	✓	✓	✓
PROTIG 201 (L) AC/DC	✓	✓	✓	✓
TITANIUM 230 AC/DC				✓
MIG	6	7	8	9
MULTIPEARL 210-2	✓	✓	✓	✓
MULTIPEARL 210-4 XL	✓	✓	✓	✓
MULTIWELD C			✓	✓
NEOPULSE 220 C			✓	✓
NEOPULSE 220 C XL			✓	✓
NEOPULSE 320 C				✓

## SACK TRUCK - Diabes - Fahrwagen mit Rädern



**10** Diabie JOBSITE XL  
66 x 47 x 20 cm / 19.5 kg  
039568

**11** Diabie 4m<sup>3</sup> XL  
080034

**12** Diabie 10m<sup>3</sup> XL  
77 x 54 x 22 cm / 21.9 kg  
076341

### COMPATIBILITIES

MMA	10	11	12
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	✓	✓	✓
PROTIG 231/231L DC	✓	✓	✓
TIG 300 DC	✓		
TITAN 231 DC	✓		✓
TITAN 400 DC	✓		
PROTIG 200 AC/DC	✓	✓	✓
PROTIG 201 (L) AC/DC	✓	✓	✓
TITANIUM 230 AC/DC	✓		✓
TITANIUM 400 AC/DC	✓		
MIG	10	11	12
MULTIPEARL 210-2	✓		
MULTIPEARL 210-4 XL	✓		
MULTIWELD T-C	✓		
EXAGON 400	✓		
NEOPULSE 220 C	✓		
NEOPULSE 220 C XL	✓		
NEOPULSE 320 C	✓		
PLASMA	10	11	12
EASYCUT K25	✓		
EASYCUT K35F	✓		
CUTTER 70 CT	✓		
NEOCUT 105	✓		
NEOCUT 125	✓		

## 10 M<sup>3</sup>



**13** 10m<sup>3</sup>-XL/TM1  
99 x 37 x 23 cm / 26 kg  
041257

**14** 10m<sup>3</sup>-XL/TM2  
83 x 39 x 27 cm / 33.2 kg  
039711

**15** T/M 400 A  
113 x 40 x 38 cm / 44.5 kg  
037328



**16** 10M<sup>3</sup> L  
119 x 40 x 28 cm / 36.5 kg  
075498

**17** 10M<sup>3</sup> L + SUPPORT FOR WIRE FEEDER  
119 x 40 x 28 cm / 46.2 kg  
077522

### COMPATIBILITIES

MMA	13	14	16	17
400 TRI			✓	✓
PROGYS FLEX 280 CEL	✓			
EXAGON 400		✓		
TIG	13	14	16	17
TIG 161 DC	✓			
PROTIG 200 DC		✓		
PROTIG 201 DC FV		✓		
PROTIG 220 DC FV		✓		
PROTIG 221 DC FV		✓		
PROTIG 231 DC		✓	✓	✓
PROTIG 231L DC		✓	✓	✓
TITAN 231 DC			✓	✓
TIG 300 DC		✓		
TITAN 400 DC (+ WCU 1 kW C)			✓	✓
PROTIG 200 AC/DC	✓			
PROTIG 201 (L) AC/DC	✓			
TITANIUM 230 AC/DC			✓	
TITANIUM 400 AC/DC				✓
MIG	13	15	16	17
MULTIPEARL 210-2	✓			
MULTIWELD T-C		✓		
NEOMIG-i 400G (+ KOOLWELD 2)	✓*	✓		
NEOMIG-i 500G (+ KOOLWELD 2)	✓*	✓		
EXAGON 400	✓	✓	✓	✓
EXAGON 400 + EXACOOOL + EXAFEED	✓	✓	✓	✓
EXAGON 400 FLEX	✓			
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

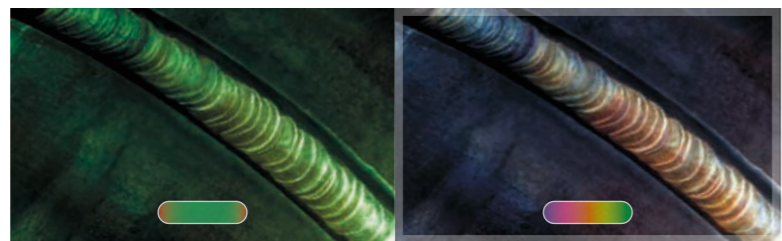
## Initial shade - Teinte initiale



Classic

ULTRA CLEAR

## Spectrum view - Spectre de couleur



Classic

TRUECOLOR

## Sensitivity sensors - Capteurs sensibles

Classic

HIGH SENSIBILITY



Sensors x2



Sensors x4

## Classification EN379 - X=/X=/X=/X=

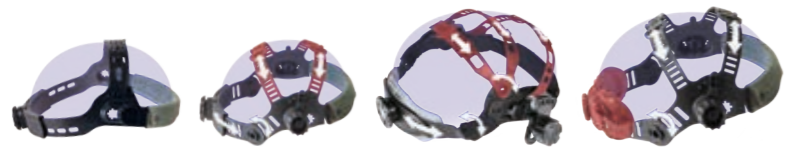
1/1/1/1 = PERFECT QUALITY

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

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

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

## Headgear - Serre-tête



Simple

Multi

MULTI PRO

MULTI PREMIUM

Comfortable back

EN 175 - EN 379

## MANUAL WELDING HELMETS SHADE 11



Foldable mask - Masque pliable - Faltbare leder - Schutzmaske 064201



Lenses - Verres - Schutzgläser 042605



HAND MASK 11 042209

GRIND



Manual FLIP FLAP 0/11 042513

110x90 (x5) 076815

EN 175 - EN 379

## WELDING HELMETS SHADE 11



LCD TECHNO 11 064997

98 x 35 mm | 0.6 ms

TRUECOLOR



LCD MASTER 11 043442

100 x 49 mm | 0.5 ms

TRUECOLOR



LCD SPACE 11 TRUECOLOR 062245

100 x 49 mm | 0.5 ms

TRUECOLOR



LCD EXPERT 11 CARBON 040755

100 x 49 mm | 0.5 ms

TRUECOLOR



LCD INVADER 11 TRUECOLOR 062252

100 x 49 mm | 0.5 ms

TRUECOLOR

## WELDING HELMETS

# 9-13

98 x 43 mm

0.3 ms

GRIND

+

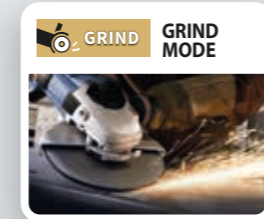
4



HERMÈS SILVER 040908



HERMÈS GOLD 040892



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

Lenses - Verres - Schutzgläser				TRUECOLOR	DELAY													MASK BRAND
105x50 (x50)	042629	105x50 (x50)	042643	HANDMASK 11	11	—	—	—	—	92x36 mm	■	—	—	—	—	—	39 × 25 × 11 / 330	Gys
110x90 (x5)	040816	110x90 (x5)	040762	FLIP FLAP 0/11	11	—	—	—	—	97x80 mm	■	—	—	—	Simple	21 × 18 × 30 / 660	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	26 × 22 × 28 / 720	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	27 × 24 × 27 / 800	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	27 × 24 × 27 / 860	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	27 × 24 × 27 / 820	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	26 × 25 × 27 / 820	Gys		
115x102 (x5)	040793	103.6 x 54 (x5)	040809	HERMES	4-9>13	—	0.30 ms	0.10>1 s	1/1/1/3	98x43 mm	■	—	☀ + 2 (CR 2032)	Simple	30 × 24 × 28 / 900	Toolit		

WELDING HELMETS

9-13



◁ 98 x 43 mm  
 □→■ 0.3 ms  
 ⚙️ GRIND ☀️ + 🔋

EXPERT 9/13 G  
042216



◁ 92 x 42 mm  
 □→■ 0.1 ms  
 TRUECOLOR

LCD TECHNO 9/13  
065048

WELDING HELMETS

5-13



NEW

◁ 100 x 52 mm  
 □→■ 0.4 ms  
 ⚙️ GRIND TRUECOLOR

HARD HAT WITH EARMUFFS & WELDING PROTECTION  
080607



◁ 100 x 49 mm  
 □→■ 0.1 ms  
 ⚙️ GRIND TRUECOLOR

LCD FIREMAN 9-13 TRUECOLOR  
062269



IDEAL  
 ◁ 100 x 60 mm  
 □→■ 0.08 ms  
 ⚙️ GRIND ☀️ + 🔋 (x4)  
 TRUECOLOR

LCD GYSMATIC 9/13 G  
TRUECOLOR  
043909

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



◁ 92 x 42 mm  
 □→■ 0.1 ms  
 ⚙️ GRIND TRUECOLOR

LCD VENUS 9/13 G  
TRUECOLOR  
064966



NEW  
11/2023

LCD VENUS 9/13 G  
BLUE TRUE COLOR  
079748



LCD VENUS 9/13 G  
IRON TRUECOLOR  
064980



NEW  
11/2023

LCD VENUS 9/13 G  
RED TRUE COLOR  
079755



LCD VENUS 9/13 G  
BONES TRUECOLOR  
064973



◁ 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 ☀️ + 🔋 (x4)  
 TRUECOLOR

ZEUS 5-9/9-13 G  
COSMIC  
044104



ZEUS 5-9/9-13 G  
INDIAN  
038332



ZEUS 5-9/9-13 G  
FIRE  
044098

OPTIONS

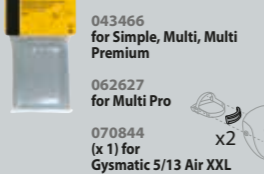
Carry bag for helmet welding  
- Sac pour masque de soudage



043299

066656

Antiperspirant - headband  
- Bandeau anti-transpiration



043466  
for Simple, Multi, Multi  
Premium  
062627  
for Multi Pro  
070844  
(x1) for  
Gysmatic 5/13 Air XXL x2

Magnifying glass - Loupe  
(x1)



zoom x2  
042780  
zoom x3  
064140

Lenses  
- Verres  
- Schutzgläser



							TRUE COLOR	□→■	□→■ HF	□→■ DELAY			◁		☀️			L x W x H cm / g	MASK BRAND
111x91 (x5)	063723	103.6 x 54 (x5)	040809	EXPERT 9/13 G	4-9>13	—	0.30 ms	—	0.10>1 s	1/1/1/3	2	98x43 mm	—	☀️ + 2 (CR 2032)	Simple		30 x 24 x 28 / 840	Toolit	
110x90 (x5)	040816	95.5 x 50.5 (x5)	040854	LCD TECHNO 9/13	4-9>13	■	0.10 ms	—	0.10>0.8 s	1/2/1/1	2	92x42 mm	—	☀️	Simple		26 x 22 x 28 / 760	Gys	
114x133 (x10)	043893	G : 106 x 66 (x10)	043886	LCD GYSMATIC 9/13 G	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		28 x 25 x 28 / 1230	Gys	
110x90 (x5)	040816	95.5 x 50.5 (x5)	040854	LCD VENUS 9/13 G	3-9>13	■	0.10 ms	—	0.10>0.8 s	1/1/1/2	2	92x42 mm	■	☀️	Multi		26 x 24 x 28 / 840	Gys	
—	—	—	—	HARD HAT	4-5>8 / 9>13	■	0.40 ms	—	0.10>1 s	1/1/1/2	4	100x52 mm	■	☀️	Simple		19 x 25 x 32 / 1.2	Toparc	
226 x 106 (x5)	045781	103.6 x 54 (x5)	077621	LCD FIREMAN 9-13	3-5>9 / 9>13	■	0.10 ms	—	0.10>0.8 s	1/1/1/2	2	100x49 mm	■	☀️	Multi		26 x 25 x 27 / 820	Gys	
226x106 (x5)	045781	103.6 x 54 (x5)	077621	PROMAX 9/13 G	4-5>9 / 9>13	■	0.10 ms	—	0.10>0.8 s	1/1/1/2	2	100x49 mm	■	☀️	Multi Premium		27 x 24 x 27 / 840	Gys	
114 x 133 (x10)	043893	103.7 x 69.5 (x5)	043695	ZEUS	4-5>9 / 9>13	■	0.10 ms	—	0.15>0.8 s	1/1/1/2	4	XL : 100x67 mm	■	☀️ + 2 (CR 2450)	Multi		27 x 24 x 28 / 900	Gys	





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

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

**Case - Étui**  
037045

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

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

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

**EN 166**

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

**Shade/IR0**  
042810

**Shade/IR0**  
042827

**Shade/IR0**  
047778

**Shade/IR0**  
047792

**Shade/IR0**  
042865

**Shade/IR0**  
047839

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

adjustable  
Ø 55-62 cm

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

-23dB

**FLAME WELDING - Soudure chalumeau - Autogenschweißen**

**Shade/IR5**  
042803

**Shade/IR5**  
042858

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

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

**Professional kit - Lot Equipement professionnel du soudeur - Profi-Schweißerschutzkit**  
070561

**FIREPROOF HOOD - Cagoule textile de protection - Textil-Schweißerschutzhaube - Máscara de protección**

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

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

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

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

**TIG**

**BASIC**  
Gants PRO TIG - T10  
045194

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

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

**MMA - MIG/MAG**

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

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

High heat reflective fiber glass hand shield with leather back - Bouclier protection de main en fibre de verre - Hochhitzelester Handschutz mit Glasfaser und Leder rückseite  
20 x 15 cm  
x1  
064157

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

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

**✓ touch screen friendly - écran tactile**  
High resistance anti-cut - Anti coupure haute résistance  
**EN 420**  
**EN 388:4121**  
T9: 045910  
T10: 045927

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

**T10**  
064188

**EN420**  
2003  
+A1

**EN388**  
2011 X

**SHOES - Chaussures**

0% metal

**EN ISO 20345**  
S3 HI HR0 SRC

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

**JACKETS - Vestes - Jacke**

**EN ISO 11611**  
Class 2-A1

**Cuir Leather Leder**

XL  
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 046313  
M 046320  
L 046337

XL 046344  
XXL 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>

M 073760  
L 073777  
XL 073784

XXL 073791  
XXXL 073807

**PRO**

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

**EN ISO 11611**  
Class 2-A1

045200

045217

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

**Cuir Leather Leder**

450 mm

400 mm

045231

037670

**TROUSER - Pantalon - Hose**

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

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

**IEC 61482-2**  
Class 1-4kA

**EN 1149-5**

98% cotton, 2% antistatic

**EN 14404**  
+A1  
Type 2

S (40/42)  
046368

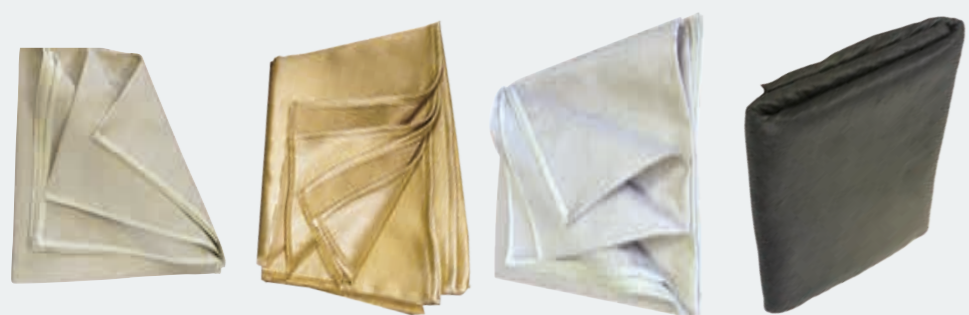
M (44/46)  
046375

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

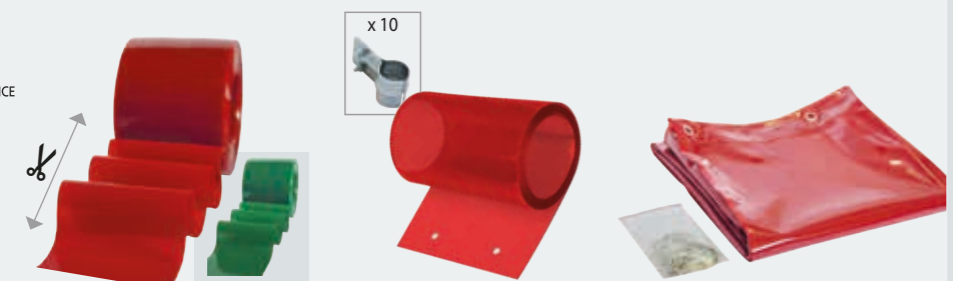


(x2)  
052291

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

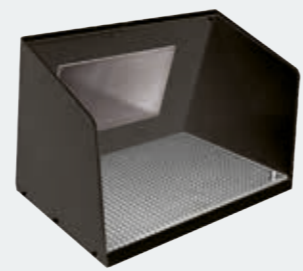


MADE IN FRANCE



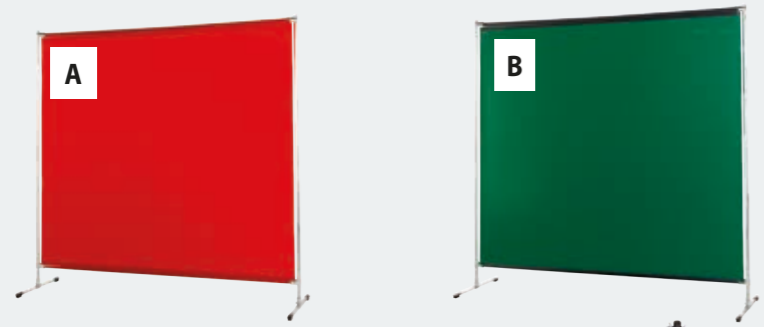
	OPTI ROLL	OPTI STRIPS (PRE-DRILLED)	OPTI 140.0
↔ cm	30 x 5000	30 x 180 (x8)	160 x 140
↓ mm	2	2	0,4
ref	Red 061521 Green 061538	061514	060487

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

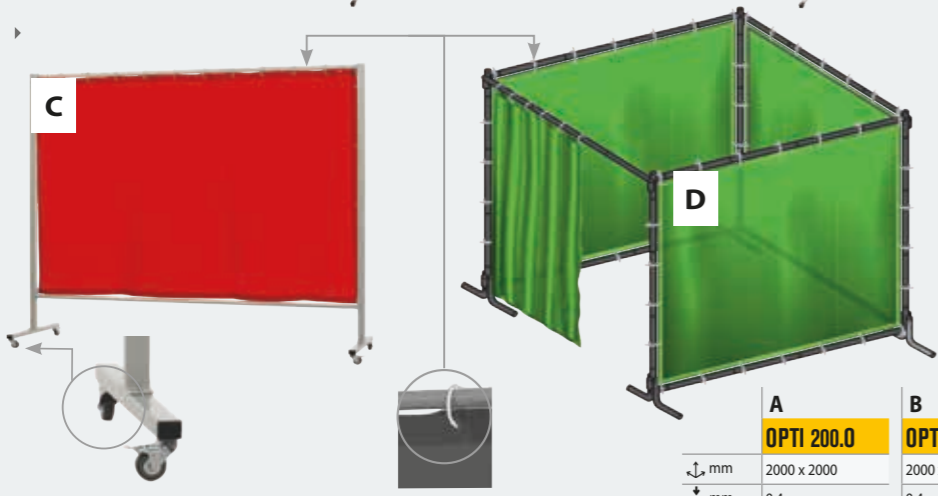


Compact  
↔/↓ 56 x 43 x 20 cm / 13.6 kg  
060173

**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 Orange 075351



↔/↓ 102 x 57 x 27 cm / 58.5 kg  
060050

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

**UNI 2.0 RE**

- 400V 3 ~
- 50 Hz
- 1100 W
- 1500 m³/h max

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

↔/↓ 122 x 67 x 145 cm / 111.5 kg

061545



Ø 150 mm

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

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

Extraction flexible  
10 m, Ø 152 mm  
Ø UNI 2.0 RE  
Ø 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

**EVO 2.1 RE**

- 230V 1 ~
- 50 Hz
- 1100 W
- 1200 m³/h max
- occasionnal

- arm 3 m
- included
- 85 kg

↔/↓ 96 x 95 x 162 cm / 114 kg

061552

Breveté  
- Patented



Ø 150 mm

792 mm

347 mm

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



	Steel/Stainless steel - Acier/Inox - Stahl/Edelstahl			
	AIR		LIQUID	
	150 A	250 A	350 A	500 A
original equipment	M6	M6	M8	M8
Ø	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.2
X % 40°C - ArCO <sub>2</sub>	150A - 60%	200A - 60%	290A - 60%	380A - 100%
GRIP	GRIP	GRIP	GRIP	GRIP
L	3 m	3 m	4 m	4 m
Ref.	043251	040540	040557	040564



**For fume Extraction Torches - pour torches aspirantes**

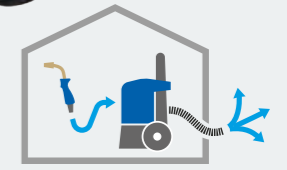
**BINZEL**  
073715



- 230V / 1 ~, 1100 W
- 230 m³/h max
- 190 mbar max
- 25 kg, 590 x 425 x 825 mm
- 76 db
- Filter auto cleaning system - Système de nettoyage automatique du filtre - Automatische Filterabreinigung

Filtre Classe M, EN 60335-2-69

included:  
5 m, Ø50



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

**+**  
**ACCESSORIES**

MISCELLANEOUS	117
ELECTRIC SOLDERING & GAS WELDING	120
WORKING LIGHTS	122



**PRESSURE-REGULATORS** - Manomètres-débitmètres  
- Druckminderer - Regulador de presión  
- Manometer stromingsmeter - Regolatore di pressione

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

For disposable bottle  
- Pour cartouche de gaz  
- 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	Steel - Acier - Stahl	1.8 (150L)	043664
AR/CO <sub>2</sub> 2.2 L	80	20	Steel - Acier - Stahl	2.2 (220L)	043671
AR pur 2.2 L	100	—	Alu	2.2 (220L)	043688

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

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

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

Compatible:  
15L/min (FR & DE) 041998  
30L/min (FR) 041622

**CO2 Gas heater and regulator**

MULTIWELD 200/220/250/320/400 AC36V/150W

RH-258, G5/8 CN 063341	GH-258, G3/4 Russia 063358	GH-258, G7/8 UK 063365
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**GAS CONNECTOR** - Raccords Gaz - Gasanschlüsse

max 40 m  
Rubber hose - Tuyau caoutchouc Ø 6.3 X 13 (EN ISO 3821)  
1.5 m 066670  
4 m 046269  
3 < m 046276

x2 045712    x1 046245    Ø 7

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

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

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

max	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

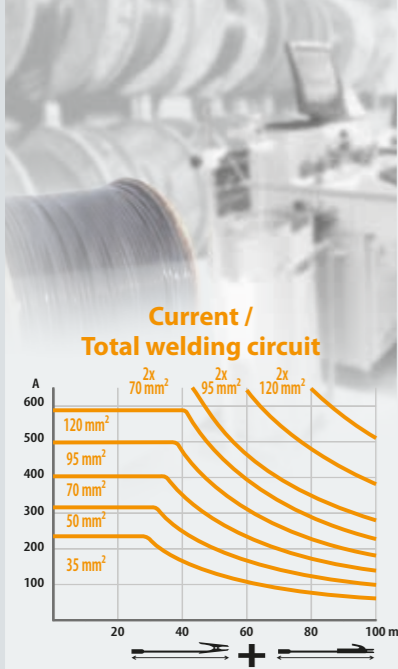
Type I    Type J    Type JJ    Type W    Type LL    Type G

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

KIT: 050266

X3    X3    X5    X5 = 16

X6 = KIT: 050112

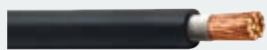


**Welding Cable - Schweißkabel**

EN 60245-6

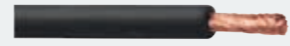
H01N2-D

(Rubber - Caoutchouc)



		EN 60974-9		
⊗	↔ L	Ref.	A (60%)	A (35%)
16 mm²	↔ x m	046207	121	131
	100 m	046252		
25 mm²	↔ x m	046306	165	185
	5 m	045408		
	100 m	046603		
35 mm²	↔ x m	046405	211	243
	100 m	046702		
50 mm²	↔ x m	046757	275	323
	100 m	046801		
70 mm²	↔ x m	046832	351	419
	500 m	036680		
95 mm²	↔ x m	046863	433	527
	300 m	036697		

**High Flexibility Electrical Cable**



⊗	↔ L			A (60%)	A (35%)
10 mm²	100 m	054882	054875	88	92
	20 m	056107	056091		
16 mm²	100 m	054905	054899	120	130
	20 m	056121	056114		
25 mm²	100 m	054929	054912	164	184
	20 m	056145	056138		
35 mm²	100 m	054943	054936	210	240
	20 m	056169	056152		
50 mm²	100 m	054967	054950	273	320
	20 m	056183	056176		
70 mm²	50 m	—	056565	310	380

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

⊗ max	∅	Ref.
10 mm²	M5	x100 047501
16 mm²	M5	x100 047518
25 mm²	M5	x100 047525
35 mm²	M6	x100 047532
50 mm²	M10	x100 047549
70 mm²	M10	x100 047556
95 mm²	M10	x50 047570
16 mm²	M10	x10 038219
25 mm²	M10	x10 038226
35 mm²	M14	x10 038233
50 mm²	M14	x10 038240
75 mm²	M16	x10 038257
125 mm²	M15	x5 038264

**DINZE SOCKETS - Douilles Texas - Anschlussbuchse**

I A max	∅ mm	∅ mm	∅ mm	∅ mm	∅ mm	Compatibility	Ref.
DF 25.14	200	32	10/25	14	9	M8	CM25.14 x20 045644
DF 70.21	400	49	35/70	21	13	M10	CM 50.21, CM 70.21 x10 045637
DF 95.24	500	38	70/95	24	13	M12	CM 95.24 x5 045743

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

AMF 25/50	AMF 50/25	CDFM 95/95
Male/female adaptor - Adaptateur mâle/femelle 038110	Male/female adaptor - Adaptateur mâle/femelle 038127	Male/double female adaptor - Connecteur mâle/double femelles 95 mm² 038134
∅9	∅9	∅13
∅13	∅13	∅13
300A @ 35%	200A @ 60%	300A @ 35%
200A @ 60%	300A @ 60%	400A @ 35%
300A @ 60%		300A @ 60%

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



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

	I A max	∅ mm	∅ mm	∅ mm	Compatibility	Ref.
<b>CFM 25.14</b>	200	10/25	14	9	CM 25.14, DF 25.14, CF 25.14	x1 045507
<b>CFM 50.21</b>	300	35/50	21	13	CM 50.21, CF 50.21, TX 70.21	x1 045606
<b>CFM 70.21</b>	400	50/70	21	13	CM 70.21, TX 70.21	x1 047488
<b>CM 25.14</b>	200	10/25	14	9	DF 25.14, CF 25.14	x20 045668
<b>CM 50.21</b>	300	35/50	21	13	DF 70.21, CF 50.21	x10 045613
<b>CM 70.21</b>	400	50/70	21	13	DF 70.21, CF 70.21	x5 045750
<b>CM 95.24</b>	500	70/95	24	13	DF 95.24	x5 047495
<b>CF 25.14</b>	200	10/25	14	9	CM 25.14	x30 045651
<b>CF 50.21</b>	300	35/50	21	13	CM 50.21	x10 045620
<b>CF 70.24</b>	400	50/70	24	13	CM 70.21	x5 045736
<b>CF 95.24</b>	500	70/95	24	13	CM 95.24	x5 072374



**CROCO**

	CROCO A200.35	CROCO B250.25	CROCO B300.70	CROCO T300.70	CROCO T400.70	CROCO B600.95 (500A)	CROCO T600.95	CROCO M600.95
A	200 A	250 A	300 A	300 A	400 A	500 A	600 A	600 A
⊗ max	35 mm²	25 mm²	70 mm²	70 mm²	70 mm²	95 mm²	95 mm²	95 mm²
A (X%)	200A (35%) 150A (60%)	250 A (35%) 200 A (60%)	300A (35%) 250A (60%)	300A (35%) 250A (60%)	400A (35%) 300A (60%)	500A (35%) 400A (60%)	600A (35%) 400A (60%)	600A (35%) 400A (60%)
∅	40 mm	40 mm	70 mm	70 mm	70 mm	70 mm	70 mm	70 mm
x1 (vrac)	043114	038035	043138	037922	043213	038042	046559	038301
*x1 (blister)	043107			037939	043206			
∅ (x25)	043121		043145	037946	043152			

**RHINO & TYREX**

	RHINO 300.50 (250A)	TYREX 400.70	TYREX XL 400.70	RHINO 600.95	TYREX 600.95	TYREX + 600.95	TYREX 800.120
A	250 A	400 A	400 A	600 A	600 A	600 A	800 A
⊗ max	50 mm²	70 mm²	70 mm²	95 mm²	95 mm²	95 mm²	120 mm²
A (X%)	250A (35%) 200A (60%)	400A (35%) 300A (60%)	400A (35%) 300A (60%)	600A (35%) 500A (60%)	600A (35%) 500A (60%)	600A (35%) 500A (60%)	800A (35%) 700A (60%)
∅	40 mm	40 mm	170 mm	60 mm	40 mm	60 mm	80 mm
x1 (vrac)	038059	043176	048997	038066	043220	046566	046573
∅ (x10)					043169		

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

	SQUARE MAGNET 500.70	ROUND MAGNET 500.70	ROUND MAGNET 600.95
A	500 A	500 A	600 A
⊗ max	70 mm²	70 mm²	95 mm²
∅ max	7 kg	10 kg	70 kg (switchable ON/OFF)
A (X%)	500A (35%), 400A (60%)	500A (35%), 400A (60%)	600A (35%), 500A (60%)
x1 (vrac)	048980	048973	047105

**EARTH CLAMP KITS - Pincas de masa ensambladas - Vormontierte Masseklemmen**

	A	∅	L (m)	⊗ (mm²)	∅ (mm)	∅	Ref.
Cable H07 for Cutting & Welding	200 A	CROCO T300.70	4	16	10/25	9	x1 036932
	250 A	CROCO T300.70	4	25	35/50	13	x1 075214
	150/200 A	CROCO A200.35	2	16	10/25	9	x1 043770
	250 A	CROCO T300.70	3	25	10/25	9	x1 043787
Cable H01 for Welding only	250 A	CROCO T300.70	4	25	35/50	13	x1 043794
	400 A	CROCO T400.70	4	35	35/50	13	x1 043817
	400 A	CROCO T400.70	4	50	35/50	13	x1 047853
	600 A	TYREX 600.95	4	70	35/50	13	x1 043831
	600 A	CROCO M600.95	4	70	35/50	13	x1 036994
	800 A	TYREX+ 800.120	4	95	35/50	13	x1 047013



## HAND LAMPS - Lampes baladeuses - Handleuchte

### PORTABLE TRIPOD HAND LAMP 250 L

100-250 lumens (x3)

3 x 1 W COB LED  
3 x 3.6 V - 300 mAh  
AAA rechargeable, NI-MH  
USB charging (6h)  
**operating time**  
High position: 1 h  
Low position: 3 h  
Flashing: 5 h

↳ 10 x 10 x 26 cm / 0.6 kg  
⊗ 21 x 11 x 27 cm / 1 kg

059955



### PORTABLE HAND LAMP 400 L

400 lumens

COB LED  
Li-ion  
Charging time: 8h  
**operating time**  
High position: 2.5 h  
Low position: 5 h  
Top light (1 W): 6 h

↳ 7 x 4 x 23 cm / 0.3 kg  
⊗ 14 x 7 x 24 cm / 0.5 kg

059153



### PRO PORTABLE LAMP 600 L

250-600 lumens

COB LED, 80 CRI  
3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)  
**operating time**  
High position: 1.5 h  
Mid position: 4.5 h  
Top light (100 lumens): 10 h

IP 54  
↳ 3 x 6 x 19 cm / 0.3 kg  
⊗ 9 x 13 x 24 cm / 0.6 kg

060883



## INSPECTION LAMPS

- Lampes d'inspection - Inspektionslampen

### INSPECTION HEADTORCH 280 L

100-280 lumens

3 W COB LED, 80 CRI+, 6500 K  
3.7 V - 1500 mAh Li-po  
micro USB charging  
mains charger not incl.  
**operating time**  
High position: 2 h  
Low position: 6 h  
IP 65  
↳ 8 x 5 x 4 cm / 0.1 kg  
⊗ 5 x 11 x 18 cm / 0.2 kg

060845



### 360° PORTABLE WORKSPACE LAMP 1000 L

60-1000 lumens

>80 CRI SMD LED  
6500 K  
3.7 V - 5200 mAh Li-ion  
USB charging (4.5h)  
USB power supply  
**operating time** 2 > 27 h

IP 54  
↳ 26 x 7 x 7 cm / 0.5 kg  
⊗ 8 x 8 x 35 cm / 0.7 kg

059764



### MINI INSPECTION LAMP 200 L

120-200 lumens

COB LED, 80 CRI, 6500 K  
3.7 V - 700 mAh Li-ion  
micro USB charging (2.5 h)  
mains charger not included  
**operating time**  
High position: 1.5 h  
Low position: 4 h  
Top light: 3.5 h  
IP 20  
↳ 18 x 3 x 3 cm / 0.1 kg  
⊗ 18 x 5 x 3 cm / 0.2 kg

060852



### MINI INSPECTION LAMP 350 L

0-350 lumens

COB LED  
3.7 V - 1100 mAh Li-ion  
USB charging (3 h)

**operating time**  
3 > 6.5 h

IP 20

075894



### PRO INSPECTION LAMP 600 L

0-600 lumens

COB LED  
6500 K  
3.7 V - 2600 mAh Li-ion  
**operating time**  
1.5 > 15 h

↳ 38 x 4 x 5 cm / 0.3 kg  
⊗ 40 x 9 x 6 cm / 0.4 kg

057760

058309



### PRO INSPECTION LAMP 800 L

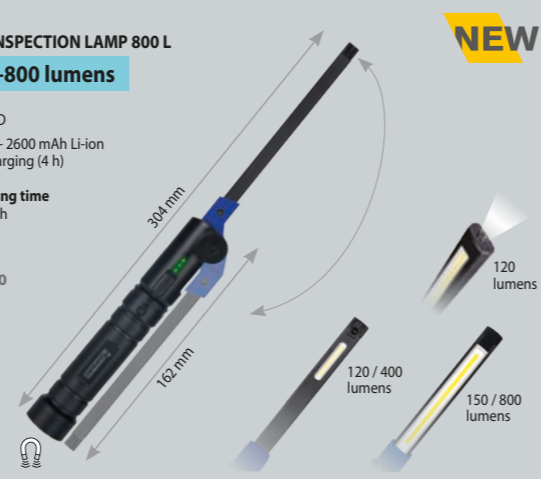
120-800 lumens

COB LED  
3.7 V - 2600 mAh Li-ion  
USB charging (4 h)

**operating time**  
2.5 > 9 h

IP 54

075900



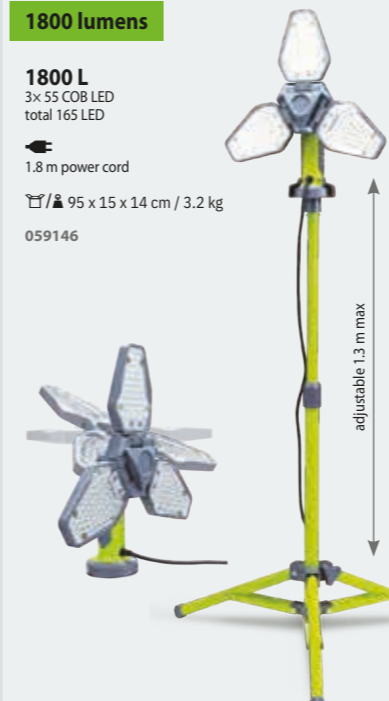
## WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß

### 1800 lumens

1800 L  
3 x 55 COB LED  
total 165 LED

1.8 m power cord  
95 x 15 x 14 cm / 3.2 kg

059146



### 3000 lumens

3000 L  
35 W COB LED

2 m power cord  
IP 44  
103 x 22 x 10 cm / 4.1 kg

059979



## 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

61 x 15 x 11 cm / 2 kg

058002

058316

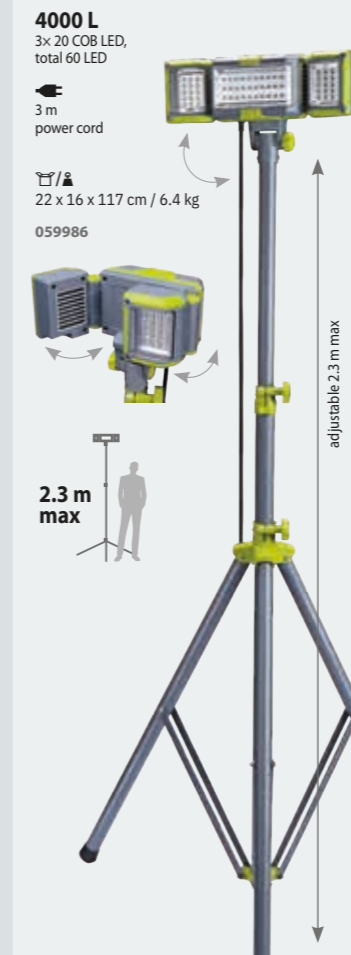


### 4000 lumens

4000 L  
3 x 20 COB LED,  
total 60 LED

3 m power cord  
22 x 16 x 117 cm / 6.4 kg

059986



## MARKETING

123

WORKING LIGHTS  
MARKETING



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

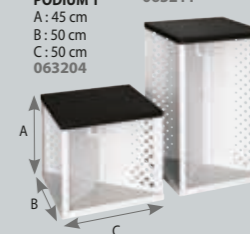
GYSMI 80P + 130P + 160P + E163  
060203

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

Display stand  
- Podium de présentation  
- Podest

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

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



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  
3 x 0.50 m  
098015



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

more details :  
www.gys.fr



INVEST IN THE FUTURE



French manufacturer  
since 1964

2  
0  
2  
3  
B

## Welding, Plasma cutting & Induction heating

Soudage, Coupage plasma & Chauffe par induction

Schweißen, Schneiden & Induktionsheizung

Saldatura, Taglio plasma & Induzione

Soldadura, Corte plasma & Inducción



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