

Celebrating

50

years of innovation

1964 - 2024



INVEST IN THE FUTURE



French manufacturer
since 1964

Welding, Plasma cutting & Induction heating

Soudage, Coupage plasma
& Chauffe par induction

Schweißen, Schneiden
& Induktionserhitzung

Saldatura, Taglio plasma & Induzione

Soldadura, Corte plasma & Inducción

2024 **B**



A solid manufacturing group

900 people € 130 000 000

C1+ Credit Rating Banque de France
55 000 m² 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



Collision repair



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

MMA/SAW

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www.gys.fr

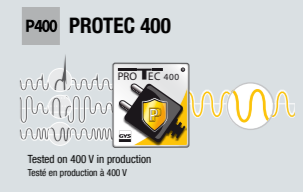
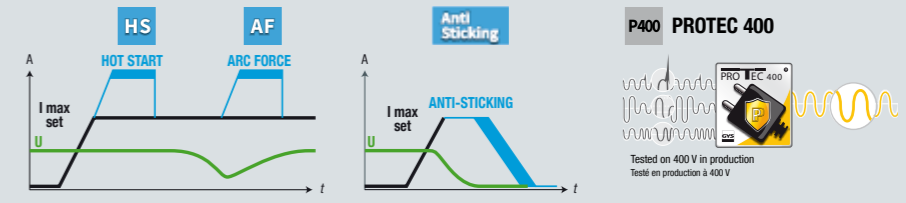


visit with





MMA INVERTER



Model	Power	Current	Dimensions
GYSARC 100	230 V • 1 ~	100 A	Ø 1.6 × 2.5 mm
GYSARC 120	230 V • 1 ~	120 A	Ø 1.6 × 3.2 mm
GYSARC 160	230 V • 1 ~	160 A	Ø 1.6 × 4 mm
GYSARC 200	230 V • 1 ~	200 A	Ø 1.6 × 5 mm

Model	Options	Dimensions
GYSARC 100	HS, AF, Anti Sticking	1.6 m, 10 mm ² / 1.6 m, 10 mm ²
GYSARC 120	HS, AF, Anti Sticking	1.6 m, 10 mm ² / 1.6 m, 10 mm ²
GYSARC 160	HS, AF, Anti Sticking	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 200	HS, AF, Anti Sticking	1.6 m, 16 mm ² / 1.6 m, 16 mm ²

Model	Options	Dimensions
GYSARC 100	Techno 11	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 120	Techno 11	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 160	Techno 11	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 200	Techno 11	1.6 m, 16 mm ² / 1.6 m, 16 mm ²

Model	Options	Dimensions
GYSARC 100	Techno 11, Electrodes	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 120	Techno 11, Electrodes	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 160	Techno 11, Electrodes	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 200	Techno 11, Electrodes	1.6 m, 16 mm ² / 1.6 m, 16 mm ²

Model	Options	Dimensions
GYSARC 100	Techno 11, Electrodes, Console	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 120	Techno 11, Electrodes, Console	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 160	Techno 11, Electrodes, Console	1.6 m, 16 mm ² / 1.6 m, 16 mm ²
GYSARC 200	Techno 11, Electrodes, Console	1.6 m, 16 mm ² / 1.6 m, 16 mm ²

Model	Phase	Voltage	Current	I ₂	INTEGRATED TECHNOLOGY			X% GYS (20°C)	EN60974-1 (40°C)			U _o	L × W × H cm / kg	L × W × H cm / kg
					HS	AF	Anti sticking		I (60%)	X% (I2 max)	100%			
GYSARC 100	1	230V	16	10+100	■	■	■	25% @ 100 A	50 A	14%	35 A	63 V	30 × 19 × 18 / 3.3	22 × 10 × 14 / 2
GYSARC 120	1	230V	16	10+120	■	■	■	40% @ 120 A	70 A	20%	55 A	63 V	30 × 19 × 17 / 4	23 × 11 × 15 / 2.7
GYSARC 160	1	230V	16	10+160	■	■	■	20% @ 160 A	85 A	10%	70 A	63 V	014664 - 30 × 18 × 17 / 4.5 080096 - 33 × 13 × 28 / 5.3 080065 - 38 × 22 × 24 / 5.1 080072 - 39 × 31 × 25 / 6.4	24 × 11 × 15 / 2.9
GYSARC 200	1	230V	32	20+200	■	■	■	20% @ 200 A	100 A	10%	80 A	64 V	079298 - 35 × 21 × 21 / 6.1 080058 - 33 × 21 × 30 / 6.2	29 × 13 × 18 / 4.5

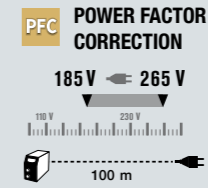
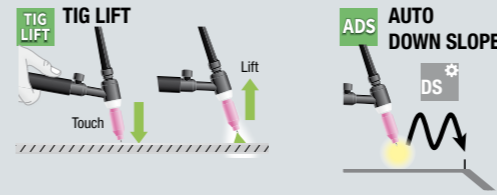
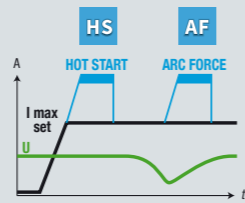
MMA/ SMAW

INVERTER	
1 ~ • 80 > 200 A	5
GYSARC	5
GYSMI	6
INVERTER	
1 ~ & 3 ~ • 160 > 400 A	8
PROGYS	8
ACCESSORIES & CONSUMABLES	
	14

OPTIONS



MMA INVERTER



230 V • 1 ~

PROGYS 160 LA
160 A ⚡ Ø 1.6+4 mm

HS AF Anti Sticking TIG LIFT



077508

PROGYS 180A
180 A ⚡ Ø 1.6+4 mm

P400 HS AF Anti Sticking



031425



013742

PROGYS 180 LA
180 A ⚡ Ø 1.6+4 mm

HS AF Anti Sticking TIG LIFT



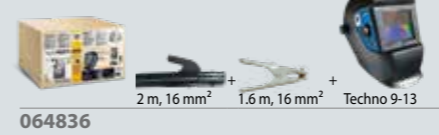
083554

PROGYS 183 E
180 A ⚡ Ø 1.6+4 mm

P400 HS AF Anti Sticking TIG LIFT ADS MMA PULSE



013803



064836

PROGYS 200A PFC
200 A ⚡ Ø 1.6+5 mm

P400 PFC HS AF Anti Sticking TIG LIFT ADS MMA PULSE



031432

TIG torch kit SR17V (valve)
4 m
10/25mm², Ø9:
044425



Heavy-duty case - Valise de chantier
- Hartschalenkoffer
3.9 kg
060432



Wheeled heavy-duty case XL
- Valise de chantier à roulettes XL
- Rollkoffer XL
9.5 kg
077461



	~	50/60 Hz	2 m	A	I ₂ MMA	INTEGRATED TECHNOLOGY							X% GYS (20°C)	EN60974-1 (40°C)	Protected & compatible power generator (+/-15%)	L x W x H cm / kg					
						P400	PFC	HS	AF	Anti sticking	MMA pulse	TIG Lift					ADS				
MADE IN GYS CHINA	PROGYS 160 LA	1	230V	2	16	10+160	—	—	■	■	■	—	■	15% @ 160 A	75 A	10%	65 A	65 V	6.5 kW	7.8 kVA	47 x 32 x 57 / 4.7
MADE IN FRANCE	PROGYS 180A	1	230V	2	16	10+180	■	—	■	■	■	—	—	78% @ 160 A	110 A	18%	85 A	72 V	7 kW	10 kVA	031425 - 42 x 17 x 37 / 7.7 013742 - 40 x 30 x 25 / 7.8
MADE IN GYS CHINA	PROGYS 180 LA	1	230V	2	16	15+180	—	—	■	■	■	—	■	25% @ 180 A	95 A	15%	80 A	64 V	9 kW	12.5 kVA	30 x 12 x 17 / 5
MADE IN FRANCE	PROGYS 183 E	1	230V	2	16	10+180	■	—	■	■	■	■	■	78% @ 160 A	120 A	18%	85 A	73 V	7 kW	10 kVA	013803 - 47 x 21 x 38 / 8.3 064836 - 40 x 30 x 25 / 7.3
	PROGYS 200A PFC	1	230V	2	16	10+200	■	■	■	■	■	■	■	64% @ 200 A	120 A	20%	90 A	96 V	7 kW	10 kVA	47 x 22 x 39 / 9.5



PROGV5

MMA INVERTER CELLULOSIC

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



35/50 mm²
Ø 13 mm

110, 230 V • 1 ~

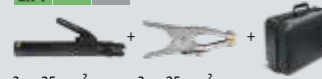
PROGV5 200E FV CEL

200 A — Ø 1.6 × 5 mm

P400 PFC FV SR HS AF CEL cellululosic

ALU aluminium Dynamic arc system >100V

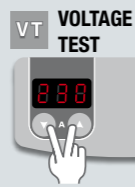
TIG LIFT ADS VT



3 m, 25 mm² 3 m, 25 mm²

030862

no accessories:
031852



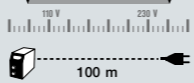
PFC POWER FACTOR CORRECTION

185 V ← 265 V

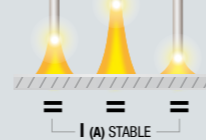


FV FLEXIBLE VOLTAGE

85 V ← 265 V



SR SECONDARY REGULATION



VRD inside

Voltage Reduction Device

Software & Hardware protection

VRD ON VRD OFF
U₀=14V U₀=80/86V

IP 23

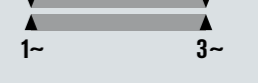


AD ANTI-DUST VENTILATION CORRIDOR



FLEX

110V ← 480V



NEW

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

2 m 230V



35/50 mm²
Ø 13 mm

110, 230 V • 1 ~

GYSARC 220 FV CEL

220 A — Ø 1.6 × 5 mm

P400 PFC FV SR VRD inside HS

AF CEL cellululosic Dynamic arc system

MMA PULSE Anti Sticking ALU aluminium

TIG LIFT TIG PULSE AD IP 23



3 m, 25 mm² 3 m, 25 mm²

065529



2 m 230V



35/50 mm²
Ø 13 mm

PROGV5 230E FV CEL

220 A — Ø 1.6 × 5 mm

P400 PFC FV SR VRD inside HS AF CEL cellululosic

ALU aluminium Dynamic arc system MMA PULSE TIG LIFT ADS

TIG PULSE AD IP 23

no accessories:
082786

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

3 m



35/50 mm²
Ø 13 mm

110, 480 V • 1, 3 ~

PROGV5 FLEX 280 CEL

280 A — Ø 1.6 × 5 mm

PFC FV FLEX SR HS AF CEL cellululosic ALU aluminium

Dynamic arc system >100V MMA PULSE TIG LIFT ADS VT AD IP 23

no accessories:
013544

PACK TIG	Reference	EXATIG	SR26 L, 8m	SR26 DB, 8m	4m, 50mm ²	5m, Ø95mm ²	Jobsite XL
1	062573						
2	062580						
3	062955						

PACK MAG	Reference	NOMAD FEED	Fe/Cu/Ni, 4m, AIR	Type C, Ø 1/1.2	4m, 50mm ²	5m, Ø95mm ²	Jobsite XL
1	062573						
2	062580						

OPTIONS

Filter kit for:
✓ 230E FV CEL
✓ Flex 280 CEL

046580

JOBSITE XL
600 x 1150 x 584 mm

for:
✓ 230E FV CEL
✓ Flex 280 CEL

039568

REMOTE CONTROL
Foot pedal RC-FA1
4 m for:
✓ 230E FV CEL
✓ Flex 280 CEL

045682

Hand remote control RC-HA1

8 m 045675

20 m 066625

MMA KIT 7 500 A

for:
✓ 230E FV CEL
✓ Flex 280 CEL

047419

L model L model

5 SHARK X500.95 4 TYREX 600.95

mm² mm²

50 35/50

TIG torch kit SR17V (valve)
4 m, 35/50 mm², Ø13

044401

TIG HF EXATIG

UNIVERSAL

EXATIG 013780

details p.59

for:
✓ Flex 280 CEL

for:

EN60974-1

~	50/60 Hz	I ₂ MMA	INTEGRATED TECHNOLOGY														X% GYS (20°C)		EN60974-1 (40°C)		Protected & compatible power generator (91-15%)	L × W × H cm / kg							
			P400	PFC	FV	Flex	SR	VRD	HS	AF	Anti sticking	CEL	ALU	Dynamic arc	MMA pulse	TIG Lift	ADS	TIG pulse	VT	AD			IP23	for normal use	I (60%)	X% (12 max)	100%	U ₀	
MADE IN FRANCE	1	230V	16	10+200																		80% @ 200A	135 A	25%	115 A	108 V	7 kW	10 kVA	030862-44 × 27 × 37 / 12.8
			110V	32	10+140																				90 A	40%			
MADE IN GYS CHINA	1	230V	16	20+200																		25% @ 200A	110 A	10%	90 A	81 V	10 kW	12.5 kVA	38 × 26 × 31 / 10.2
			110V	32	10+120																			40% @ 220 A	130 A	20%	100 A	86 V	10 kW
MADE IN FRANCE	1	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
			110V	32	5+140																				175 A	25%	145 A	69 V	
1	110 → 180V	32	5+140	25	5+200	16	5+280															100% @ 230 A	115 A	30%	90 A	100 V	10 kW	12.5 kVA	61 × 35 × 46 / 23.7
																						180 → 300V	32	5+140	180 A	40%	150 A	100 V	

PROGV5 MMA • INVERTER CEL





PROGYS

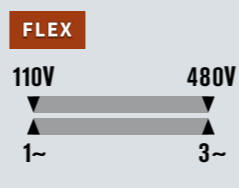
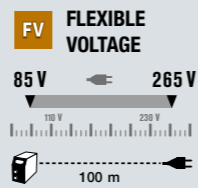
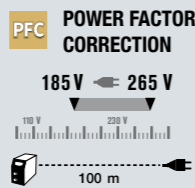
MMA INVERTER

NEW
10/2024



Compatible
TIG HF
EXATIG

35/50 mm²
Ø 13 mm



VRD inside

Voltage Reduction Device

Software & Hardware protection

	VRD ON	VRD OFF
220 E FV CEL	24 V	77.5 V
300 TRI	20 V	83 V
400 TRI	20 V	84 V

IP 23

INDOOR /OUTDOOR



Compatible

TIG HF
EXATIG



New reference
New name
PROGYS 300 TRI

35/50 mm²
Ø 13 mm



New reference
New name
PROGYS 400 TRI

70/95 mm²
Ø 13 mm

4 in 1

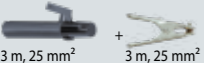
- 1 MMA
- 2 TIG DC LIFT
Torches/consumables p. 33
- 3 GOUGING
Accessories p. 15
- 4 TIG HF • Exatig

400 V • 3 ~

PROGYS 250 TRI

250 A ← Ø 1.6+5 mm

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



3 m, 25 mm² + 3 m, 25 mm²

083561

GYSARC 300 TRI

300 A ← Ø 1.6+6.3 mm

VRD inside SR HS AF Anti Sticking CEL cellulosic Dynamic arc system >100W TIG LIFT IP 23 GOUGING ALU aluminium

no accessories:
before 09/2024 GYSARC 300 TRI 064959
after 09/2024 PROGYS 300 TRI 082762

GYSARC 400 TRI

400 A ← Ø 1.6+6.3 mm

VRD inside SR HS AF Anti Sticking CEL cellulosic Dynamic arc system >100W TIG LIFT GOUGING IP 23 ALU aluminium

no accessories:
before 09/2024 GYSARC 400 TRI 013551
after 09/2024 PROGYS 400 TRI 082779

400 V • 3 ~

OPTIONS

GOUGING

Goouging Torch - Pince de gougeage - Fugenhobel-Zange
1 000 A - 2 m
041516

Goouging clamp adaptor - Adaptateur gougeage - Fugenhobeladapter
70 mm² - 5 m
040670

Goouging - Electrodes - Électrodes 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

REMOTE CONTROL
Foot pedal RC-FA1 4 m 045682

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

MMA KIT 7 500 A
047419

TIG torch kit SR17V (valve)
4 m, 35/50 mm², Ø13
044401

JOBSITE XL
600 x 1150 x 584 mm
039568

SHARK X500.95
5

TYREX 600.95
4

50 35/50

TIG HF EXATIG

DC POWER SOURCE TIG WELDING

UNIVERSAL

EXATIG
013780
details p.59

	~	50/60 Hz	m	A	I ₂ MMA	INTEGRATED TECHNOLOGY										X% GYS (20°C)		EN60974-1 (40°C)		Protected & compatible power generator (+/-5%)	L x W x H cm / kg			
						SR	VRD	HS	AF	Anti sticking	CEL	ALU	Dynamic arc	TIG Lift	IP23	for normal use	I (60%)	X% (I2 max)	100%			U ₀		
MADE IN GYS CHINA	PROGYS 250 TRI	3	400 V	3	16	20+250	■	■	⚙️	⚙️	■	■	—	—	■	■	60% @ 250 A	177 A	30%	137 A	83 V	10 kW	12.5 kVA	46 x 33 x 40 / 17,5
	PROGYS 300 TRI	3	400 V	3	16	20+300	■	■	■	■	■	■	■	■	■	■	100% @ 300 A	300 A	60%	230 A	83 V	10 kW	12.5 kVA	56 x 29 x 48 / 27.2
	PROGYS 400 TRI	3	400 V	4	32	20+400	■	■	■	■	■	■	■	■	■	■	100% @ 400 A	400 A	60%	350 A	84 V	30 kW	36 kVA	69 x 33 x 53 / 40

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

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

TIG torch kit SR17V (valve)
4 m

for 10/25 mm², Ø9 :
✓ GYSMI 130P / 160P / 200P / E160 / E163 / E200 FV
✓ PROGYS 160LA / 180A / 183E
⊞ 38 x 31 x 11 cm / 2 kg
044425

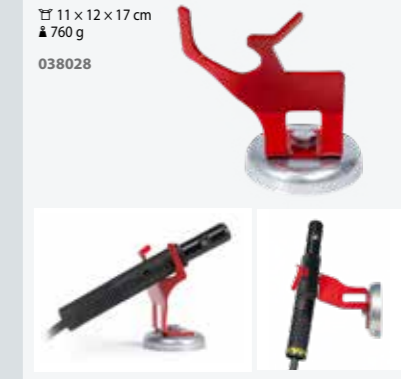
for 35/50 mm², Ø13 :
✓ GYSARC 220 FV CEL / 300TRI / 400TRI
✓ PROGYS 200A PFC / 200E FV CEL / 220E FV CEL / 250 TRI / CEL 250 TRI / FLEX 280 CEL / EXAGON 400 / EXAGON 400 FLEX
⊞ 38 x 31 x 10 cm / 2.2 kg
044401



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



Cable for gouging torch
- Câble pour pince de gougeage
- Anschlusskabel für Fugenhobel-Brenner
70 mm² - 5 m
⊞ 30 x 29 x 14 cm / 4.3 kg
040670



Gouging Torch - Pince de gougeage - Fugenhobel-Zange
1 000 A - 2 m
⊞ 38 x 31 x 11 cm / 2.7 kg
041516

CHIPPING HAMMERS - Marteaux à piquer - Schlaghammer - Martillos



HAMMER 260 044159	240g	130	260	110
HAMMER 285 044128	425g	162	296	110
HAMMER 370 PRO Premium 066663	370g	145	285	28
HAMMER 290 PRO Premium 044135	465g	165	33	33
HAMMER 320 PRO Premium 044142	425g	185	320	32

WIRE BRUSHES - Brosses - Bürsten - Spazzola - Cepillos



	Steel - Acier - Stahl - Acero - Staal - Aço	Stainless - Inox - Edelstahl
A	(x1) (x24)	044241 044265 (x24)
B	(x1)	044227 (x1)
C	(x1)	044166
D	(x1) Brass - Laiton (x1) Zinc	038073 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	Code	kg
A	Ø 1.6	300	085114	1.54
	Ø 2.0	350	085121	2.05
	Ø 2.5	350	085138	2.16
	Ø 3.2	350	085145	2.16
B	Ø 4.0	350	085152	2.12
	Ø 2.0	350	085022	4.72
	Ø 2.5	350	085039	4.39
	Ø 3.2	350	085046	4.88
Ø 4.0	350	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	kg
Ø 2.5	75		081598	1.52
	252		086005	4.98
Ø 3.2	54		081604	1.64
	172		086012	5.14
Ø 4.0	350		086029	5.38

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-HS (5 ml/100 g)



Ø	Length	Weight	Code	kg
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	kg
Ø 2.5	7		073708	0.1
Ø 3.2	5		084803	0.1
Ø 3.2	142		081949	2.1

STAINLESS STEEL - Acier inoxydable - Edelstahl

312R



Position
Polarity (+)

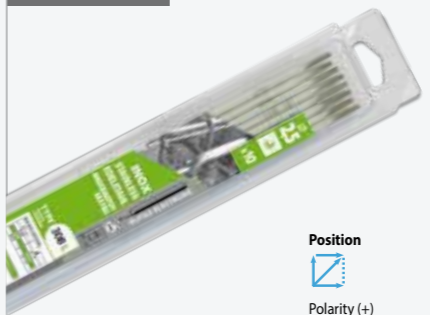
Norms - Normes - Normen - Norma
AWS 5.4 / E312-16
EN ISO 3581-A / E 29 9 R

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

Disimilar 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



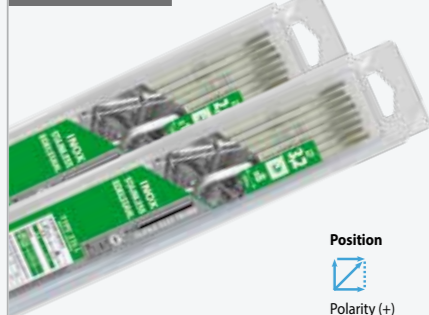
Position
Polarity (+)

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

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

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

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

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 Cl
EN ISO 1071 : EC NiFe-Cl1
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	kg
Ø 3.2	450	141	081529	6.6
Ø 4.0	450	93	081512	6.7

Ø	Length	Weight	Code	kg
Ø 2.5	350	46	081543	1.1
Ø 3.2	450	22	081574	1.1
Ø 4.0	450	14	081581	1.1

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



45 cm
Capacity - Capacité - Kapazität - Capacidad : 7 kg
- 105°C
50 x 12 x 11 cm / 430 g
060258

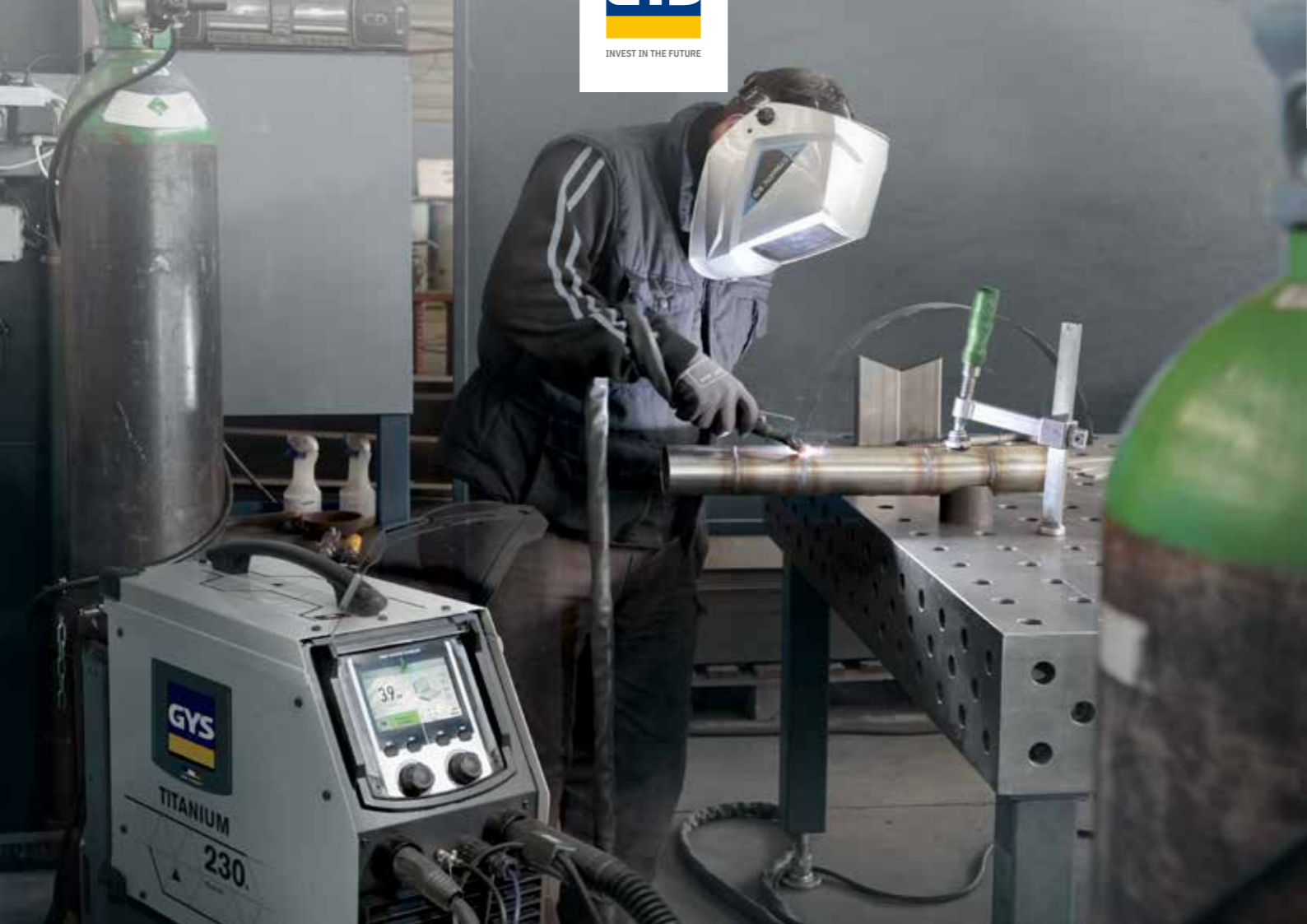
ELECTRODES OVEN - Étuves électrodes - Elektrodenofen



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	19
TITAN	22
KRYPTON	23

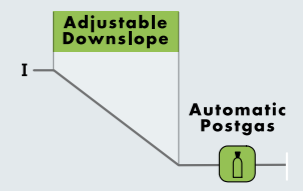
AC/DC
200 > 400 A

PROTIG AC/DC	24
TITANIUM	26

COMPLETE PACKS	30
ACCESSORIES & CONSUMABLES	32

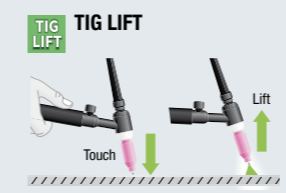
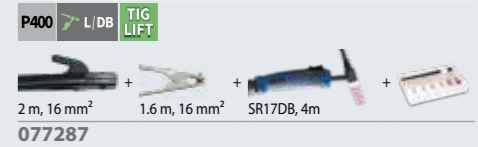
PROTIG

TIG DC



PROTIG 160 DC Lift

160 A 230V • 1~



	CE NORMA EN60974-1	MADE IN FRANCE	50 / 60 Hz	I ₂ TIG A	I ₂ MMA A	INTEGRATED TECHNOLOGY	TIG			MMA		Protected & compatible power generator (+/-15%)	L x W x H cm / kg				
							EN60974-1 (40°C)	IA (60%)	X% (I2 max)	100%	EN60974-1 (40°C)			IA (60%)	X% (I2 max)		
PROTIG 160 DC Lift			230V 1~	16	20 →160	20 →160	P400	TIG Lift	95 A	22%	—	80 A	17%	72V	6	7.5	35 x 23 x 36 / 9.5



TIG DC

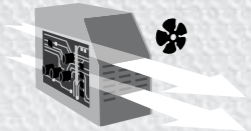
IP 23 INDOOR / OUTDOOR



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	

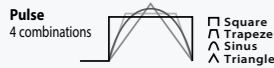
AD ANTI-DUST VENTILATION CORRIDOR



TIG

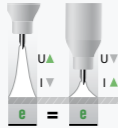
HF / LIFT / TOUCH HF			
STANDARD DC	SPOT	MULTI SPOT	IGNITION
PULSE	TACK	MULTI TACK	

WAVE FORMS



E WELD

CONSTANT ENERGY



MMA

STANDARD PULSE

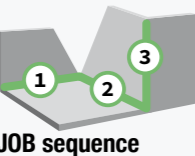
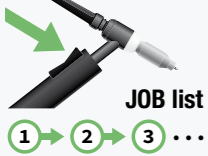
EVOLUTION

SOFTWARE UPDATE

PRODUCTIVITY

QUICK LOAD

MULTIJOB



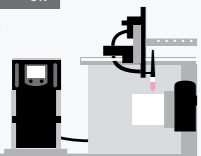
AUTOMATION

CONNECT 5

SAM

for Automation (5 programs)

Automation module compatibility



SAM (details p.74)



AUTOMATE / ROBOT

QUICK SYSTEMS

for Titan 231 DC FV / Titan 321 DC TRI

QUICK ASSEMBLY



QUICK CONNECT included with Koolwed 1



OPTIONS

Filter kit for Titan 321 DC TRI 063143



OPTIONS

Filter kit for Titan 400 DC TRI / Krypton 401 046580



Titan 231 DC FV / Titan 321 DC TRI / Krypton 401 DC



New reference New name KRYPTON 231 DC FV

TITAN 231 DC FV

230 A

230 V • 1 ~

OPTIONS

IP 23 CEL cellulotic MMA PULSE SR VRD inside PFC FV AID L/DB/P

no accessories: 075245

Cooling unit Koolwed 1 1000 W, 3 L liquid not included 070820



New reference New name KRYPTON 321 DC TRI

TITAN 321 DC TRI

320 A

400 V • 3 ~

OPTIONS

IP 23 CEL cellulotic MMA PULSE VRD inside SR AID L/DB/P

no accessories: 068094

Cooling unit Koolwed 1 1000 W, 3 L liquid not included 070820

TITAN 400 DC TRI

400 A

400 V • 3 ~

OPTIONS

IP 23 CEL cellulotic FAST PULSE 10 > 20 kHz AID SR L/DB/P

no accessories: 013520

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

KRYPTON 401 DC

400 A

400 V • 3 ~

OPTIONS

IP 23 CEL cellulotic FAST PULSE AID 10 kHz SR VRD inside L/DB/P

no accessories: 080904

Cooling unit Koolwed 3 1000 W, 5.5 L liquid not included 083363

OPTIONS



Hand remote control RC-HA1 8 m 045675 20 m 066625 Titan 231 Titan 321 Titan 321 Titan 400

Remote control RC-HD2 062122 Titan 231 Titan 321 Titan 400 Remote control RC-HD3 079700 Krypton 401



Skate 037717 Titan 400 Krypton 401



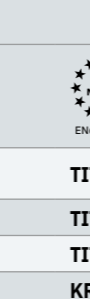
Diable JOB SITE XL 039568 Titan 231 Titan 321



Diable 10m³ XL 076341 Titan 231 Titan 321



Trolley 4m³ L 071568 10m³ L 075498 Titan 400 Krypton 401



USB key 16 Go/GB included 062344 Titan 400

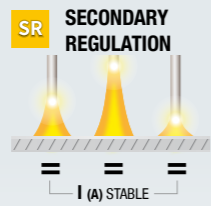
EN60974-1	MADE IN FRANCE	50/60 Hz	A	I ₂ TIG	I ₂ MMA	INTEGRATED TECHNOLOGY										TIG			MMA		Protected & compatible power generator (+/-15%)	L x W x H cm / kg	L x W x H cm / kg	
						SR	VRD	AID	TIG PULSE	E WELD	WAVE FORMS	MMA PULSE	CEL	IP	I (60%)	X% (I2 max)	100%	IA (60%)	X% (I2 max)	Uo				
						230	23	23	23	23	23	23	23	215 A	45%	200 A	175 A	25%	77.5 V	12.5 kVA				
TITAN 231 DC FV		230V 1~	16	3→230	5→230				0.1→2000 Hz						23S	215 A	45%	200 A	175 A	25%	77.5 V	12.5 kVA	51 x 39 x 47 / 18.2	49 x 27 x 40 / 16.6
TITAN 321 DC TRI		400V 3~	32	3→320	5→320				0.1→2000 Hz					23	300 A	45%	280 A	280 A	40%	86.8 V	17.6 kVA	70 x 39 x 50 / 26	64 x 26 x 46 / 23.7	
TITAN 400 DC TRI		400V 3~	32	3→400	5→400				0.1→2000 Hz					23	400 A	60%	360 A	400 A	60%	82 V	30 kW	81 x 39 x 59 / 41.5	75 x 30 x 53 / 39	
KRYPTON 401 DC		400V 3~	32	3→400	5→400				0.1→10000 Hz					23	360 A	45%	320 A	300 A	30%	64.5 V	30 kW	81 x 39 x 59	75 x 30 x 53	



TIG AC/DC



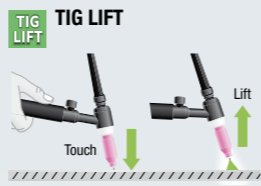
Youtube



VRD inside Voltage Reduction Device

Software & Hardware protection

	U ₀ (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	



ALU SHOCK RESISTANT



ACCESSIBILITY

ERGONOMIC & EASY
Large 5 inch LCD colour screen

8 languages

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

TIG

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

MMA

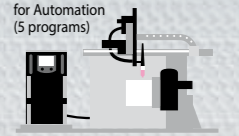
STANDARD PULSE

MMA AC

AUTOMATION

CONNECT 5 ARC ON

for Automation (5 programs)



PROTIG 200 AC/DC

200 A 230V • 1~

P400 SR VRD inside TIG PULSE AID

L/DB MMA PULSE

2m, 25mm² 2m, 25mm² SR26DB, 4m

068742

PROTIG 201 AC/DC FV

200 A 110 → 230V • 1~

P400 PFC FV SR VRD inside TIG PULSE

AID L/DB/P MMA PULSE

no accessories: 061828

2m, 25mm² 2m, 25mm² SR26DB, 4m

063945

PROTIG 201L AC/DC

200 A 230V • 1~

P400 PFC SR VRD inside TIG PULSE AID

L/DB/P MMA PULSE

no accessories: 062610

2m, 25mm² 2m, 25mm² SR20DB, 4m

063952

PROTIG 230 AC/DC FV

230 A 110 → 230V • 1~

P400 SR VRD inside TIG PULSE AID

L/DB/P AD MMA PULSE

2m, 25mm² 2m, 25mm² SR26DB, 4m

083967

TIG 250 AC/DC

250 A 400V • 3~

250A / 60% TIG

SR TIG PULSE AID

CONNECT 5 ARC ON L/DB/P

FAN LESS IP 23

no accessories: 012004

FAN LESS **UNIQUE TECHNOLOGY**

100% DUST PROOF LIQUID COOLED ELECTRONICS

Foot pedal RC-FA1
4m 045682

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

045699

Skate TIG 250 AC/DC
for TIG 250 AC/DC
max 10m³ (50l)
80 x 47 x 90 cm / 8 kg
12 x 37 x 58 cm / 8,8 kg
040960

Cooling liquid (not included)
2L 082212
5L 062511
10L 052246

Screen protections (x5)
044043

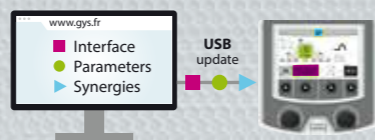
CE NORM EN60974-1	MADE IN GYS CHINA	MADE IN FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	I ₂ TIG A	INTEGRATED TECHNOLOGY											TIG			MMA		Freq. AC	U ₀	mm ²	Protected & compatible power generator (+/-15%)	L x W x H cm / kg		
						50/60Hz		A		P400	PFC	FV	SR	VRD	AID	TIG PULSE	IP23	FAN LESS	EN60974-1 (40°C)								EN60974-1 (40°C)	
						AC	DC	I (%)	X% (I ₂ max)										100 %	I (%)	X% (I ₂ max)						Hz	
	PROTIG 200 AC/DC	230V-1~	13	10→200	10→160	■	—	—	■	■	■	0.1 → 900Hz (DC) 0.1 → 20 Hz (AC)	—	—	AC 90 A	DC 115 A	AC 20%	DC 20%	—	90 A	20%	20 → 200	64 V	Ø 13, 35/50	7.5 kW	10 kVA	47 × 34 × 39 / 18.8	
	PROTIG 201 AC/DC FV	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	
		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	—	063945 - 51 × 30 × 47 / 21.1	
	PROTIG 201 L AC/DC	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	
	PROTIG 230 AC/DC FV	110V-1~	32	10→140	10→100	■	—	—	■	■	■	0.1 → 2000Hz (DC) 0.1 → 10 Hz (AC)	—	—	AC 100 A	DC 80 A	AC 10%	DC 15%	—	80 A	25%	20 → 200	75 V	Ø 13, 35/50	7.5 kW	10 kVA	47 × 34 × 39 / 19.6	
		230V-1~	16	10→230	10→190	■	—	—	■	■	■	0.1 → 2000Hz (DC) 0.1 → 10 Hz (AC)	—	—	AC 180 A	DC 140 A	AC 20%	DC 25%	—	200 A	20%	20 → 200	67 V	Ø 13, 35/50	7.5 kW	10 kVA	47 × 34 × 39 / 19.6	
	TIG 250 AC/DC	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

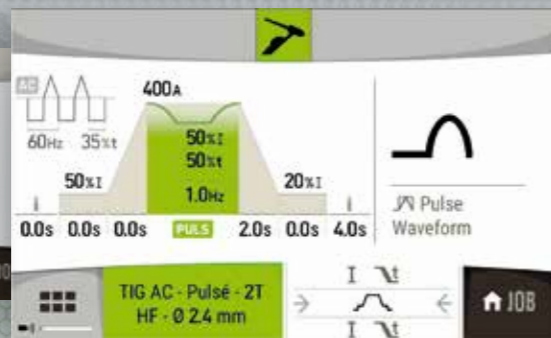
CUSTOMISATION



ACCESSIBILITY

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

TIG AC Pulse



TIG DC Tack



TIG DC Synergic



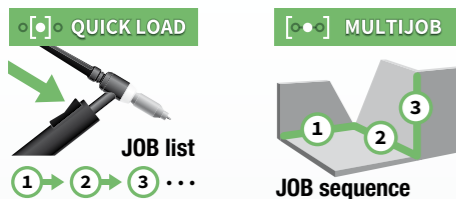
TIG

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			

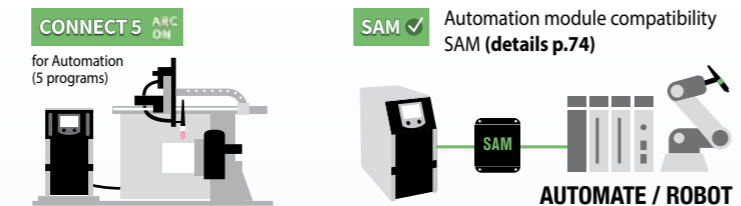
MMA

STANDARD	PULSE	15 > 150 HZ
MMA AC	WAVE FORMS	

MANUAL



AUTOMATION



TIG WIZARD

WIZARD ALU High productivity without filler metal

WIZARD ALU AERO Ultra silent & ideal thin sheets

WIZARD COPPER Ideal for splicing of wires (0.5 to 2.2 mm)

WIZARD STAINLESS STEEL No oxidation, no finishing action

WIZARD LAB Design your welding mode

CONNECTIVITY

TRACEABILITY History data export

PORTABILITY Share configuration & jobs

SOFTWARE UPDATE gys.fr

QMOS - WPQR
DMOS - WPS

ENERGY CONTROL : 20 kHz, kJ or kJ/cm

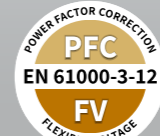
COMPLETE PACK details - p.31



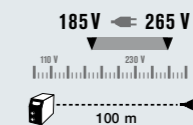
Diable 10m² XL 076341

Cooling unit Koolweld 1 1000W, 3 L liquid not included 070820

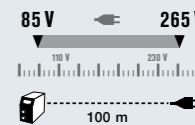
2 m 230V



PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE



Screen 5"

TITANIUM 230 AC/DC FV

230 A	110-230V • 1~
230A 35% TIG	PFC FV SR VRD inside L/DB/P
	TIG PULSE FAST PULSE
	MMA PULSE CEL cellulotic IP 23

no accessories: 061996



OPTIONS

Foot pedal RC-FA1 4m 045682

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

Remote control RC-HD2 062122

Filter kit 046580

USB key 16 Go/GB included 062344

TITANIUM 230 AC/DC FV	50/60 Hz	A	A	SR	VRD	TIG PULSE	ETIG	WAVE FORMS	MMA PULSE	CEL	AD	IP23	EN60974-1(40°C) TIG	EN60974-1(40°C) MMA	Freq. AC	Uo	mm ²	Protected & compatible power generator (+/-15%)	LxWxH cm /kg	LxWxH cm /kg	
	110V 1~	32	140 A			0.1 → 20 000 Hz (DC) 0.1 → 500 Hz (AC)							140 A	130 A	50 %	20 → 300	53	Ø13 35/50	8,5 KW	60 × 39 × 48 / 25,5	50 × 25 × 44 / 23,6
	230V 1~	16	5 → 230 (AC) 3 → 230 (DC)										190 A	160 A	20 %						



PROTIG 250 DC					
pack PROTIG 250 DC TRI AL1 084407	SR26 L, 8 m 046184	—	4 m, 25 mm ² 043794	—	—

TIG 300 DC					
pack TIG 300 DC AL2 012332	SR26 L, 8 m 046184	—	4 m, 25 mm ² 043794	—	Diablo 10m ³ XL 076341
pack TIG 300 DC ADB2 012356	—	SR26 DB, 8 m 046177	4 m, 25 mm ² 043794	—	Diablo 10m ³ XL 076341
pack TIG 300 DC WL1 012363	SR20 L, 8 m 046153	—	4 m, 25 mm ² 043794	WCU0.5kW B 032217	—
pack TIG 300 DC WDB1 012370	—	SR20 DB, 8 m 046146	4 m, 25 mm ² 043794	WCU0.5kW B 032217	Diablo 10m ³ XL 076341

TITAN 231 DC					
pack TITAN 231 DC AL 081253	SR26 L, 8 m 046184	—	4 m, 25 mm ² 043794	—	—
pack TITAN 231 DC WL 081260	SR20 L, 8 m 046153	—	4 m, 25 mm ² 043794	Koolweld 1 070820	Diablo 10m ³ XL 076341
pack TITAN 231 DC WDB 081277	—	SR20 DB, 8 m 046146	4 m, 25 mm ² 043794	Koolweld 1 070820	Diablo 10m ³ XL 076341

TITAN 321 DC					
pack TITAN 321 DC AL1 083059	SR26 L, 8 m 046184	—	4 m, 25 mm ² 043794	—	Diablo 10m ³ XL 076341
pack TITAN 321 DC ADB1 083073	—	SR26 DB, 8 m 046177	4 m, 25 mm ² 043794	—	Diablo 10m ³ XL 076341
pack TITAN 321 DC WDB1 083097	—	SR20 DB, 8 m 046146	4 m, 25 mm ² 043794	Koolweld 1 070820	Diablo 10m ³ XL 076341
pack TITAN 321 DC WDB2 083103	—	SR20 DB, 8 m 046146	4 m, 25 mm ² 043794	Koolweld 1 070820	Trolley 10m ³ L 075498

TITAN 400 DC					
pack TITAN 400 DC WL 081369	450 W L, 8 m 037359	—	4 m, 70 mm ² 043831	WCU1kW C 013537	Trolley 10m ³ L 075498
pack TITAN 400 DC WDB 081376	—	450 W DB, 8 m 037366	4 m, 70 mm ² 043831	WCU1kW C 013537	Trolley 10m ³ L 075498

KRYPTON 401 DC					
pack KRYPTON 401 DC WL 084469	450 W L, 8 m 037359	—	4 m, 70 mm ² 043831	Koolweld 3 083363	Trolley 10m ³ L 075498
pack KRYPTON 401 DC WDB 084476	—	450 W DB, 8 m 037366	4 m, 70 mm ² 043831	Koolweld 3 083363	Trolley 10m ³ L 075498

PROTIG 201 AC/DC					
pack PROTIG 201 AC/DC L 066342	SR26 L, 8 m 046184	—	4 m, 25 mm ² 043855	4 m, 25 mm ² 043794	Diablo 10m ³ XL 076341

PROTIG 201 L AC/DC					
pack PROTIG 201 L AC/DC L 066359	SR20 L, 8 m 046153	—	4 m, 25 mm ² 043855	4 m, 25 mm ² 043794	10m ³ XL T/M1 041257

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

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

TITANIUM 400 AC/DC					
pack TITANIUM 400 AC/DC WL 081383	450 W L, 8 m 037359	—	4 m, 70 mm ² 043831	WCU1kW C 013537	Trolley 10m ³ L 075498
pack TITANIUM 400 AC/DC WDB 081390	—	450 W DB, 8 m 037366	4 m, 70 mm ² 043831	WCU1kW C 013537	Trolley 10m ³ L 075498

Cooling liquid (not included)	5L 062511		Pressure-regulators (not included)	
	2L 082212			
	10L 052246		p. 132	

TIG DC

CAN OPEN PROTOCOL

REAL TIME TRACKING

✓ HF ✓ LIFT

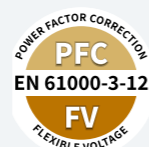
ORBITIG 200A

220 A 110→230 V • 1~

PFC FV SR

no accessories : 012448

with R-CAN 120R : 075221



CAN BUS - CAN OPEN PROTOCOL



 EN60974-1	 MADE IN FRANCE	 50 / 60 Hz	 A	 I ₂	EN60974-1 (40°C)		 mm ²	 L × W × H cm / kg	 L × W × H cm / kg	
					X% (I2 max)	I2 (60%)				I2 (100%)
ORBITIG 200A		110V 1~	32	5 → 180	40%	125A	110A	35/70	51 × 30 × 36 / 10.4	39 × 16 × 29 / 9.4
		230V 1~	16	5 → 220	35%	165A	140A			

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

with accessories : 045415



Electrode adaptors - Adaptateurs électrode - Spannzange

Ø 1 045446
Ø 2 045453
Ø 4 045460

1~ 230V

BEST FROM GERMANY

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)

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

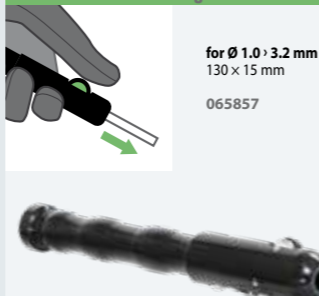
Angular adjustment: 15, 30, 45 & 60°
- Réglage angulaire : 15, 30, 45 & 60°
- Einstellung Schärfwinkel zwischen 15, 30, 45 & 60°

Sharpening diameter electrodes: Ø 1 - Ø 4 mm
- Affutage des électrodes de diamètres : Ø 1 - Ø 4 mm
- Schärfdurchmesser Elektroden : Ø 1 - Ø 4 mm

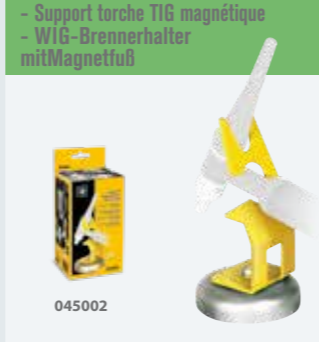
Grinding speed adjustment
- Réglage de la vitesse d'affutage
- Einstellung der Schleifgeschwindigkeit

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



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



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

1.5 m 066670
4 m 046269
8 x m 046276

Gas connection set + 2 clamps

5 m 045316

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



	Ø (mm)	↔ (m)	📦	⚖️ (kg)	
Steel - Acier - Stahl (SG2) AWS A 5.18 : ER70S-6 EN ISO 636A : W46 4 W3Si1	1.2	1	587	5.16	069411
		0,33	60	0.32	087224
	1.6	1	319	5.01	087019
		0,33	40	0.36	087231
	2.0	1	204	5	087217
		0,33	27	0.34	069572
2.4	1	142	5.14	087033	
	0,33	108	0.34	069510	
Stainless - Inox - Edelstahl (308L) AWS A 5.9 : ER 308L EN ISO 14343A : W199L	1.2	1	110	1.04	069497
		1	560	5.18	087118
	1.6	0,33	60	0.34	087248
		1	60	1.04	069428
	2.0	1	315	5.18	087156
		0,33	40	0.36	087255
2.4	1	40	1.06	069435	
	1	205	5.18	087163	
Stainless - Inox - Edelstahl (316L) AWS A 5.9 : ER 316L EN ISO 14343A : W19 12 3L	1.2	1	110	1.04	069442
		1	560	5.2	069480
	1.6	0,33	60	0.34	087262
		1	60	1.02	069459
	2.0	1	315	5.16	087125
		0,33	40	0.34	087279
2.4	1	40	1.06	069466	
	1	205	5	087200	
Aluminium - Alu - Aluminium (AlMg5) AWS A 5.10 : ER 5356 EN ISO 18273 : 5 Al 5356	1.6	1	28	1.08	069473
		1	140	5.09	087149
	2.0	0,33	60	0.15	069534
		1	920	5.11	087170
	2.4	0,33	40	0.14	087286
		1	590	5.22	087187
3.2	0,33	27	0.14	069565	
	1	410	5.35	087194	
Copper - Cuivre - Kupfer (ErCu)	2.0	1	240	5.32	069503
	2.0	0,33	36	0.36	069558
Brass - Laiton - Bronze (CuZn40)	2.0	0,33	5	0.06	047280
	1.6	0,33	83	0.28	069541

TUNGSTEN ELECTRODES - Électrodes tungstène - Wolfram Elektroden

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



MIG-MAG

GMAW-FCAW

TRADITIONAL

110 > 450 A

SMARTMIG	38
MONOGYS / MAGYS	40

INVERTER

85 > 500 A

EASYMIG	42
MULTIWELD	44
MULTIPEARL	48
KRONOS	50
NEOMIG-i	54
EXAGON	56
NOMADFEED/EXATIG	58

PULSE

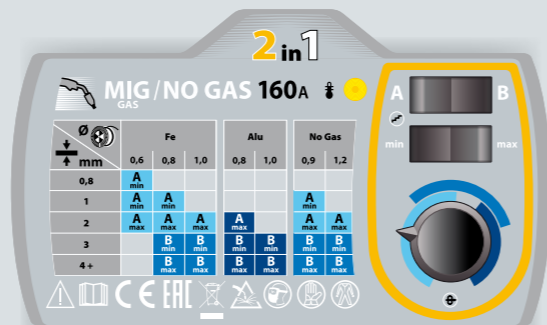
220 > 500 A

GALAXY	60
NEOPULSE	64

ACCESSORIES & CONSUMABLES	70
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MIG/MAG TRADITIONAL



NEW DESIGN
11/2024



NEW DESIGN
10/2024



NEW DESIGN
07/2024



SMARTMIG 110

110 A

⊕ ⊖ ∅ 100

NO GAS



2 m, 1.65 m, 6 mm²

033993

SMARTMIG 142

140 A

⊕ ⊖ ∅ 100/200

GAS NO GAS



2 m, 1.65 m, 10 mm²

033153

SMARTMIG 162

160 A

⊕ ⊖ ∅ 100/200

GAS NO GAS

160 A on 13 A fuse



2 m, 1.65 m, 16 mm²

033160

034297

SMARTMIG 182

180 A

⊕ ⊖ ∅ 200/300

GAS NO GAS



3 m, 3 m, 16 mm²

033184

NO GAS Fil fourré / Flux cored wire / Fülldrahtelektrode
INFO



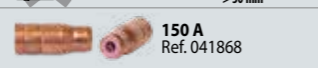
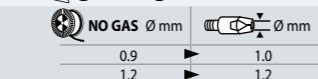
A Inverser les polarités / Reverse polarities / Polarität wechseln

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

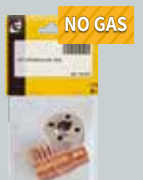
C Changer le galet / Change the roller / DV-Rolle austauschen

D Supprimer la buse / Remove the nozzle / Gasdüse abziehen

Utiliser une buse spéciale NO GAS (isolée) / Use a special nozzle NO GAS (isolated) / Spezielle Gasdüse für "NO GAS" (isoliert) verwenden



Model	Voltage	Phase	Standard	Type	min → max	Reg	EN60974-1 (40°C)			Electronic Control	Wire diameters			Gas		Type	Power	Dimensions			
							IA (60%)	X% (I2 max)	Uo (V)		100 mm 1 kg	200 mm 5 kg	300 mm 15 kg	GAS	NO GAS			L × W × H cm / kg	L × W × H cm / kg		
SMARTMIG 110	230V 1~	13	—	A	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
SMARTMIG 142	230V 1~	13	—	A	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
SMARTMIG 162	230V 1~	16	■	A	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
SMARTMIG 182	230V 1~	16	■	A	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	77 × 48 × 78 / 47



150 A type A
Kit soudage NO GAZ
- No Gas Welding Kit
- Schweißset Fülldraht

∅ 0.9/1.0 / 1.2
041240



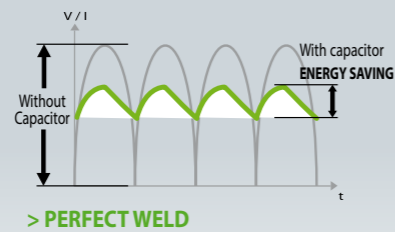
MONOGYS/MAGYS

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

WF WIRE FEEDER COMPATIBILITY



Ø 200/300 - Ø1/1.2 (original equipment)

WS-4L LIQUID 033573

OPTIONS WS-4R/4L



Max 4m³ (20L)

MONOGYS 200-4 CS
• Spot
• Delay
• 2T

Max 4m³ (20L)

Max 10m³ (50L)

10/25 mm² Ø 9 mm

10/25 mm² Ø 9 mm

35/50 mm² Ø 13 mm

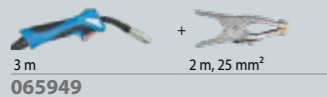
Max 10m³ (50L)

70/95 mm² Ø 13 mm

MONOGYS 200-4 CS

200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

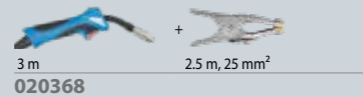
GAS Capacitor



MONOGYS 250-4 CS

250 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

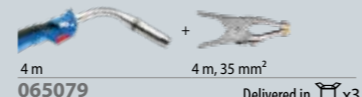
GAS Capacitor



MONOGYS 320-4 CS

320 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

GAS NO GAS Capacitor



no accessories : 063020



GENERATOR

MAGYS 500 WS

450 A

LIQUID WF GOUGING

no accessories : 032200

COMPLETE PACKS



MAGYS 500 WS

pack MAGYS 500 WS 1 032330	WS-4L 033573	—	4m, 70 mm² 043831	10m, liquid, ø 70 mm² 033658	500 A, 4 m, liquid 081147	—
pack MAGYS 500 WS 4 036475	WS-4L 033573	—	4m, 70 mm² 043831	5m, liquid, ø 70 mm² 033641	500 A, 4 m, liquid 081147	—
pack MAGYS 500 WS 2 032347	WS-4L 033573	Alu, Ø1/1.2 (x2) 042162	4m, 70 mm² 043831	10m, liquid, ø 70 mm² 033658	—	500 A, 3 m, liquid 081154

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 70 mm² 034839

LIQUID COOLED
1.6 m 70 mm² 033696
10 m 70 mm² 033658
10 m 95 mm² 034877

GOUGING

Gouging - Gougeage - Fugenhobeln



Ø 8 mm max - 2 m 041516



Cable - Câble - Anschlusskabel 70 mm² - 5 m 040670

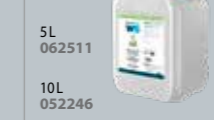
Screen protection included with Magys 046191



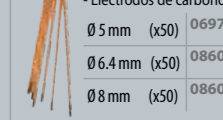
Cable support (x4) 046535



Cooling liquid (not included)
2L 082212
5L 062511
10L 052246



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 (40°C)	A		Reg	IA (60%)	X% (I2 max)	U0 (V)	Electronic Control	m/min	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	mm	TYPE	Protected & compatible power generator (+/-15%)	L x W x H cm / kg			
		Norm	Intensive															
MADE IN GYS CHINA	MONOGYS 200-4 CS	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	MONOGYS 250-4 CS	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	MONOGYS 320-4 CS	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

EN60974-1	MADE IN FRANCE	A		Reg	IA (60%)	X% (I2 max)	100%	U0 (V)	Electronic Control	m/min	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	mm	TYPE	Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica	Cooling system	Protected & compatible power generator (+/-15%)	L x W x H cm / kg			
		Norm	Intensive																		
EN60974-1	MADE IN FRANCE	50/60 Hz	—	A	A	Reg	(I/A)	X%	(I2 max)	100%	U0 (V)	Electronic Control	m/min	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	mm	TYPE	Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica	Cooling system	Protected & compatible power generator (+/-15%)	L x W x H cm / kg
MAGYS 500 WS		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
WS-4R		—	—	—	—	—	—	—	—	—	⚡⚡	24	0.6 +1.6	0.9 +2.4	1.0/1.2 mm	C	042117	—	Air	—	034723 - 68 x 35 x 56 / 21.9
WS-4L		—	—	—	—	—	—	—	—	—	⚡⚡	24	0.6 +1.6	0.9 +2.4	1.0/1.2 mm	C	042117	—	Liquid	—	033573 - 69 x 57 x 39 / 22.7

MONOGYS / MAGYS

MIG/MAG • TRADITIONAL





MIG/MAG INVERTER

230 V • 1~

3 in 1

GAS
NO GAS
MMA



EASY TO USE

Example / Exemple EASYMIG 160



EASYMIG 85

85 A ⚡ ⌀ 100 ⚡

NO GAS

EASYMIG 110

100 A ⚡ ⌀ 100 ⚡

GAS NO GAS MMA

EASYMIG 130

120 A ⚡ ⌀ 100 ⚡

GAS NO GAS MMA

🇬🇧 120 A on 13 A fuse

EASYMIG 140

140 A ⚡ ⌀ 100 ⚡

GAS NO GAS MMA

🇬🇧 140 A on 13 A fuse

EASYMIG 150

140 A ⚡ ⌀ 100/200 ⚡

GAS NO GAS MMA

🇬🇧 140 A on 13 A fuse

EASYMIG 160

160 A ⚡ ⌀ 100/200 ⚡

GAS NO GAS MMA

+ 1 kg flux-cored

2.1 m, 10 mm² 1.6 m, 10 mm²

065536

2m 1.6 m, 16 mm² 1.6 m, 10 mm²

013599

2 m 1.6 m, 16 mm² 1.6 m, 10 mm²

032231

🇬🇧 🇩🇪 031869

2 m 1.6 m, 16 mm² 1.6 m, 10 mm²

032262

🇬🇧 🇩🇪 031876

2 m 1.6 m, 16 mm² 1.6 m, 10 mm²

032248

🇬🇧 🇩🇪 031883

2 m 1.6 m, 16 mm² 1.6 m, 16 mm²

032255

OPTIONS

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

NO GAS

041240 150 A type A



Model	Voltage	MMA	EURO	I ₂ MMA	I ₂ MIG	MIG EN60974-1 (40°C)		MMA EN60974-1 (40°C)		U _o (V)	Electronic Control	100 mm 1 kg	200 mm 5 kg	300 mm 15 kg	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	MMA	Original equipment	TYPE	L x W x H cm / kg	L x W x H cm / kg	
						IA (60%)	X% (I ₂ max)	IA (60%)	X% (I ₂ max)													
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 × 24 × 29 / 7.9	29 × 14 × 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 × 19 × 42 / 10.2	34 × 16 × 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 × 18 × 42 / 10.5	34 × 16 × 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 × 19 × 42 / 11.3	34 × 16 × 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 × 25 × 36 / 13	41 × 21 × 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 × 24 × 36 / 14.3	43 × 21 × 31 / 10.3

EASYMIG MIG/MAG • INVERTER





MIG/MAG INVERTER COMPACT

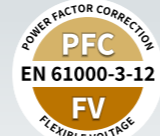
3 in 1

- GAS
- NO GAS
- MMA
- Anti Sticking

INDOOR / OUTDOOR
IP 23

- 220M-C
- 320T-C

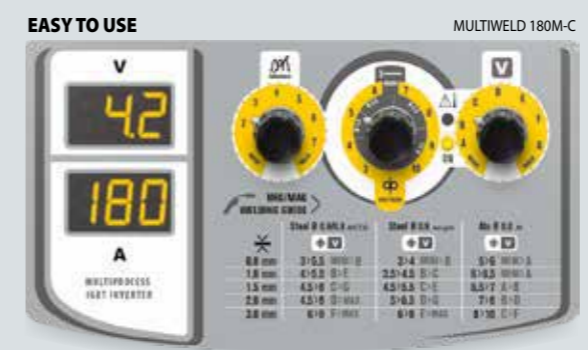
Ø 200/300



35/50 mm²
Ø 13 mm



35/50 mm²
Ø 13 mm



35/50 mm²
Ø 13 mm



35/50 mm²
Ø 13 mm

230 V • 1 ~

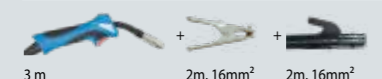
110 • 230 V • 1 ~

400 V • 3 ~

MULTIWELD 180M-C

180 A

230 V • 1 ~

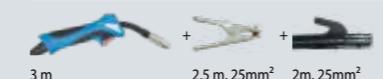


3 m 078727 + 2 m, 16mm² + 2 m, 16mm²

MULTIWELD FV 220M-C

220 A

110 → 230 V • 1 ~



3 m 065499 + 2.5 m, 25mm² + 2 m, 25mm²

MULTIWELD 250T-C

250 A

400 V • 3 ~



3 m 078659 + 4 m, 25mm²

MULTIWELD 320T-C

320 A

400 V • 3 ~



4 m 079274 + 4 m, 35mm²

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

NO GAS

150 A

- Multiweld 180 M-C 041868

250 A type A

- Multiweld FV 220M-C 072336
- Multiweld 250T-C

250 A type B

- Multiweld 320T-C 072343

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

CO2 Gas heater and regulator

RH-258, G5/8 CN 063341

GH-258, G3/4 Russia 063358

36V plug inside

Inside MULTIWELD 200/220/250/320/400

*Only available from GYS China



Diable JOBSITE XL 039568

CE NORM. EN60974-1	MADE IN GYS CHINA	50/60 Hz	mm ²	m	I ₂ MMA A	I ₂ MIG A	EN60974-1 (40°C)				U _o (V)	Electronic Control	200 mm 5 kg	300 mm 15 kg	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	Ø mm	MMA Ø mm	TYPE	Original equipment Equipment d'origine Originalausstattung Equipamiento de fabrica	Protected & compatible power generator (+/-15%)	L x W x H cm / kg
							MIG		MMA													
							IA (60%)	X% (I2 max)	IA (60%)	X% (I2 max)												
MULTIWELD 180M-C	230V 1~	3x1.5	2	16	80 → 150	30 → 180	110	180 A @ 20%	100	150 A @ 20%	59	☑	☑	☑	0.6 → 0.8	0.6 → 0.9	1.6 → 3.2	0.8/0.9	A 046856	0.8	7.5 kW	58 × 30 × 49 / 21.1
MULTIWELD FV 220M-C	110V 1~ 230V 1~	3x2.5	2	32	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 × 34 × 55 / 32
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	70 × 34 × 54 / 37.7
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	76 × 36 × 54 / 46.2



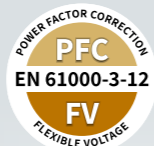
MIG/MAG INVERTER WHEELS

3 in 1

- GAS
- NO GAS
- MMA
- Anti Sticking

INDOOR / OUTDOOR
IP 23
Ø 220M
Ø 250T

Ø 200/300



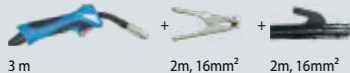
230 V • 1 ~

110, 230 V • 1 ~

400 V • 3 ~

MULTIWELD 200M

200 A 230V • 1 ~

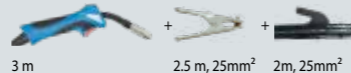


3 m 2m, 16mm² 2m, 16mm²

066595

MULTIWELD FV 220M

220 A 110 → 230V • 1 ~



3 m 2.5 m, 25mm² 2m, 25mm²

065482

MULTIWELD 250T

250 A 400V • 3 ~



3 m 4 m, 25mm²

078635

MULTIWELD 320T

320 A 400V • 3 ~



4 m 4 m, 35mm²

079250

MULTIWELD 400T

400 A 400V • 3 ~

no accessories:
068735



4 m 4 m, 35mm²

081031

MULTIWELD 400TG

400 A 400V • 3 ~

no accessories:
083974

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

NO GAS

250 A type A 250 A type B

- Multiweld 200M
- Multiweld FV 220M
- Multiweld 250T
- Multiweld 320T
- Multiweld 400T



CO2 Gas heater and regulator

MULTIWELD only
AC36V/150W

RH-258, G3/4 Russia 063341
GH-258, G3/4 Russia 063358

36V plug inside



*Only available from GYS China

Connection cable - Faisceaux de liaison - Zwischenschlauchpakete

Multiweld 400TG

AIR COOLED

5 m	70 mm ²	083998
10 m	70 mm ²	084001
15 m	95 mm ²	084018
20 m	95 mm ²	084025



Model	Frequency	Cable length	Cable cross-section	I ₂ MMA	I ₂ MIG	EN60974-1 (40°C)		U _o (V)	Electronic Control	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	MMA	Type	Original equipment	Protected & compatible power generator	L x W x H cm / kg	
						IA (60%)	X% (I2 max)										
MULTIWELD 200M	230V 1~	3x2.5	2	16	30+180	30+200	115	200 A @ 15%	104	200 A @ 15%	65	65	A	041189	0.8	7.5 kW	78 x 37 x 68 / 42.2
MULTIWELD FV 220M	110V 1~ / 230V 1~	3x2.5	2	32	30+200	30+220	160	220 A @ 30%	140	200 A @ 20%	75	75	A	041189	0.8	8 kW	79 x 37 x 67 / 42
MULTIWELD 250T	400V 3~	4x1.5	3	16	40+250	40+250	200	250 A @ 30%	200	250 A @ 30%	59	59	A	041189	—	9 kW	78 x 37 x 68 / 48.1
MULTIWELD 320T	400V 3~	4x2.5	3	16	40+300	40+320	240	320 A @ 30%	220	300 A @ 30%	64	64	B	042360	—	13 kW	79 x 37 x 67 / 54.2
MULTIWELD 400T	400V 3~	4x4	5	32	40+400	40+400	300	400 A @ 35%	300	400 A @ 35%	70	70	B	042179	—	20 kW	96 x 40 x 81 / 68.1 96 x 40 x 81 / 74
MULTIWELD 400T G	400V 3~	4x4	5	32	40+400	40+400	300	400 A @ 35%	300	400 A @ 35%	70	70	B	042179	—	20 kW	90 x 55 x 84 / 55
WF 20	—	—	—	—	—	—	—	—	—	—	—	—	B	046849	—	—	69 x 34 x 55 / 17



MIG/MAG INVERTER SYNERGIC

4 in 1	GAS	NO GAS
	MMA	TIG



1 MIG / MANUAL
Enter your parameters

Adjust Spot & Delay

2 MIG / SYNERGIC
Easy to use

Select:

Fe	CrNi
AlMg5	CuSi3
AlSi5	AlSi12
CuAl8	F.C.

- material
- Ø wire
- position
- thickness : 0.5 → 6 mm

Adjust arc length

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



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

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



MULPEARL 210-2

200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

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

3 m 072145 + 2.5 m, 16 mm² + 2 m, 16 mm²
065093

MULPEARL 210-4 XL

200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

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

3 m 072145 + 2.5 m, 16 mm² + 2 m, 16 mm²
065109

MULPEARL 211-4

200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

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

3 m 072145 + 2.5 m, 16 mm² + 2 m, 16 mm²
065116

PFC POWER FACTOR CORRECTION
185 V ← 265 V

FV FLEXIBLE VOLTAGE
85 V ← 265 V

SR SECONDARY REGULATION

Anti Sticking

TIG torch kit SR17V (valve)
4 m
10/25 mm²
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

072336 **250 A** type A **more p.67**

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

MADE IN FRANCE EN60974-1	50/60 Hz	I ₂ MMA	I ₂ TIG	min → max	EN60974-1 (40°C)		U ₀ (V)	Electronic Control	MIG			Ø mm	Original equipment Equipement 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 ₂ max)			m/min	100 mm 1 kg	200 mm 5 kg						300 mm 15 kg				
MULPEARL 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
MULPEARL 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	B	042360	0.8/1.0	7.5 kW	62 × 33 × 57 / 26.9	50 × 27 × 42 / 20.8
	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
MULPEARL 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	B	042360	0.8/1.0	7.5 kW	79 × 30 × 67 / 38	72 × 27 × 64 / 26.5
	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



MIG/MAG MULTIPROCESS INVERTER



Expert mode - MIG

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 (option p.48)

STANDARD	PULSE
SPOT	SPOT PULSE

MMA

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

QUICK LOAD



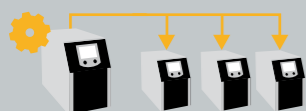
JOB list

1 → 2 → 3 ...

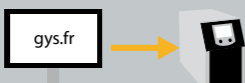
CONNECTIVITY

PORTABILITY

Share configuration & jobs



SOFTWARE UPDATE



4 in 1	GAS	NO GAS
	TIG	MMA

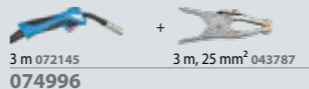
50 W
Speed control with tachymeter
20 m/min max



230V • 1~

KRONOS 250M

230V • 1~	4 m³
250 A	Ø 200/300

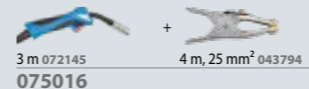


074996

400V • 3~

KRONOS 250T

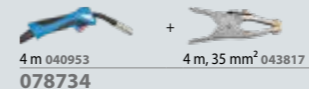
400V • 3~	4 m³
250 A	Ø 200/300



075016

KRONOS 320T

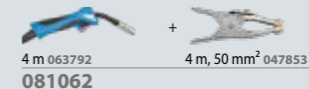
400V • 3~	4 m³
320 A	Ø 200/300



078734

KRONOS 400T Duo

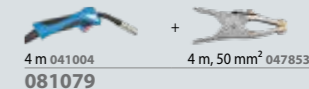
400V • 3~	10 m³
400 A	Ø 200/300



081062

KRONOS 400T W

400V • 3~	10 m³
400 A	Ø 200/300



081079

no accessories:
075030

no accessories:
075337

no accessories:
075511

CE NORM. EN60974-1	MADE IN FRANCE	50/60 Hz	↔	A	Norm	min → max	EN60974-1 (40°C)				Electronic Control	W	m/min (max)	200 mm 5 kg	300 mm 15 kg	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	Ø mm	Equipment d'origine / Original equipment / Originalausstattung / Equipamiento de fabrica		Cooling system	Protection	Protected & compatible power generator (+/-15%)	L x W x H cm / kg
							IA (60%)	X% (I2 max)	100%	U ₀ (V)									mm	TYPE				
		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 / 53	
		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	0.8 / 1.0	B-046849	1.0	Air	IP 23S	20 kW / 24 kVA	80 x 33 x 77 / 55	
		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 / 55.4 075030 - 80 x 33 x 77 / 50.5	
		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 / 64.7	
		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 / 73.5	



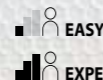
NEOMIG-I

MIG/MAG MULTIPROCESS INVERTER • 3~

ACCESSIBILITY

2 interface levels

16 languages



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

Expert mode



TIG Standard



MIG

MANUAL	STANDARD SYNERGIC
SPOT	SPOT DELAY

MANUAL

QUICK LOAD



TIG (option p.48)

STANDARD	PULSE
SPOT	SPOT PULSE

MMA

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

GOUGING

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

CONNECTIVITY

TRACEABILITY

History data export

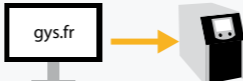
- Q MOS - WPQR
- D MOS - WPS

ENERGY CONTROL : 20 kHz, kJ or kJ/cm

PORTABILITY

Share configuration & jobs

SOFTWARE UPDATE



WIRE FEEDERS

Speed control with tachymeter 20 m/min max



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



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



IP 23

INDOOR / OUTDOOR



NEOMIG-I 400 G

400 A @ 100%

no accessories/no trolley
075085



NEOMIG-I 500 G

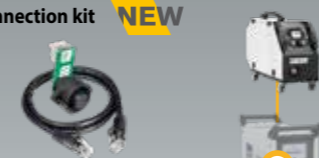
500 A @ 60%

no accessories/no trolley
075092

OPTIONS

Connection kit NEW

NUM-3
081246



RC-HD3
079700



Connection cables - Faisceaux de liaison - Zwischenschlauchpakete

USB key 062344
16 Go/GB



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



PUSH-PULL torch connection for WF 50
078741



OPTION Trolley
10m³ L
 075498
 Max 10 m³ (50L)

OPTIONS

Cooling unit Koolweld 2
 890 W, 5.5 L
 liquid not included
 075115

NEOMIG-i 400 G	Fe/CrNi	Alu	Alu	Alu	WF 50	Koolweld 2	10m³ L	
pack NEOMIG-i 400 G W1 077843	500 A, 4m, liquid 081147	—	4 m, 70 mm² 043831	—	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 081154	4 m, 70 mm² 043831	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 081147	—	4 m, 70 mm² 043831	—	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 081154	4 m, 70 mm² 043831	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	Fe/CrNi	Alu	Alu	Alu	WF 50	Koolweld 2	10m³ L	
pack NEOMIG-i 500 G W1 077881	500 A, 4m, liquid 081147	—	4 m, 70 mm² 043831	—	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 081154	4 m, 70 mm² 043831	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	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	Ø mm	Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica	TYPE	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	
																						32
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 %					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		20			0.8 → 1.6	0.9 → 2.4	1.0 / 1.2	F-061873			69 × 36 × 55 / 19	

Packs MIG

EXAGON 400 CC/CV		EXAGON 400 FLEX CC/CV	
pack EXAGON MAG A1 084667	EXAFEED 4L 032408	10 m, air, ø 70 mm ² 047594	4m, 70 mm ² 043831
pack EXAGON MAG A2 084674	EXAFEED 4L 032408	5 m, air, ø 70 mm ² 047587	4m, 70 mm ² 043831
pack EXAGON MAG W1 084681	EXAFEED 4L 032408	EXACOOOL 1000W 032422	10 m, liquid, ø 95 mm ² 047631
pack EXAGON MAG W2 084698	EXAFEED 4L 032408	EXACOOOL 1000W 032422	5 m, liquid, ø 70 mm ² 047617
pack EXAGON MAG A5 013421		NOMADFEED 425-4 036291	5 m, ø 95 mm ² 032439
pack EXAGON MAG A6 013438		NOMADFEED 425-4 036291	5 m, ø 95 mm ² 032439
pack EXAGON FLEX MAG A1 076327		NOMADFEED 425-4 036291	5 m, ø 95 mm ² 032439
pack EXAGON FLEX MAG A2 076334		NOMADFEED 425-4 036291	5 m, ø 95 mm ² 032439

Packs MMA

EXAGON 400 CC/CV		EXAGON 400 FLEX CC/CV	
pack EXAGON MMA 1 012387	5 m, 50 mm ² MMA kit 7 047419	4 m, 50 mm ²	
pack EXAGON MMA 2 012394	5 m, 50 mm ² MMA kit 7 047419	4 m, 50 mm ²	Jobsite XL 039568
pack EXAGON MMA 3 012400	5 m, 50 mm ² MMA kit 7 047419	4 m, 50 mm ²	Gouging torch, 1000 A - 2 m 041516
pack EXAGON FLEX MMA 1 076235	5 m, 50 mm ² MMA kit 7 047419	4 m, 50 mm ²	
pack EXAGON FLEX MMA 2 076242	5 m, 50 mm ² MMA kit 7 047419	4 m, 50 mm ²	Jobsite XL 039568
pack EXAGON FLEX MMA 3 076259	5 m, 50 mm ² MMA kit 7 047419	4 m, 50 mm ²	Gouging torch, 1000 A - 2 m 041516

Packs TIG

EXAGON 400 CC/CV		EXAGON 400 FLEX CC/CV	
pack EXAGON TIG 1 062597	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm ² 047853
pack EXAGON TIG 2 062603	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm ² 047853
pack EXAGON TIG 3 062948	EXATIG 013780	SR26 DB, 8 m 046177	4 m, 50 mm ² 047853
pack EXAGON FLEX TIG 1 076266	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm ² 047853
pack EXAGON FLEX TIG 2 076273	EXATIG 013780	SR26 L, 8 m 046184	4 m, 50 mm ² 047853
pack EXAGON FLEX TIG 3 076280	EXATIG 013780	SR26 DB, 8 m 046177	4 m, 50 mm ² 047853

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

WIRE FEEDER

PUSH PULL COMPATIBILITY



AIR LIQUID

CONNECTION CABLE	AIR COOLED	LIQUID COOLED
	5 m 70 mm ² 047587	1.8 m 70 mm ² 037243
	10 m 70 mm ² 047594	5 m 70 mm ² 047617
	10 m 95 mm ² 047600	10 m 70 mm ² 047624
	15 m 95 mm ² 038349	10 m 95 mm ² 047631
	20 m 95 mm ² 038431	15 m 95 mm ² 038448
		20 m 95 mm ² 038455



EXAFEED 4L 032408		EN60974-1 (40°C)		Electronic Control		m/min		200 mm 5 kg		300 mm 15 kg		MIG/MAG (Gas)		Flux Cored Wire (Gas / No Gas)		TYPE		L x W x H cm / kg	
IA (60%)	X% (I2 max)	500	60	22	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



INDOOR / OUTDOOR



NOMADFEED 425-4 CC/CV
036291

Mode	Mode	DC power source	Original equipment - Equipement d'origine - Originalausstattung - Equipamento de fabrica	Protected against over voltage	L x W x H cm / kg	IP
Constant Current	Constant Voltage	Mode	TYPE	4 m 95 mm ²	67 x 26 x 48 / 15.5	23



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

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

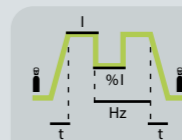
HF IGNITION CONTROL UNIT

✓ 2T ✓ 4T
✓ HF 9kV

UNIVERSAL
DC POWER SOURCE → EXATIG → TIG WELDING



EXATIG no accessories:
013780



FULL CONTROL
SPECIAL EXAGON 400 CC/CV



OPTIONS	Rubber hose - Tuyau caoutchouc, Ø 6.0 X 12 (DIN 73379)	Power cable	Fixing kit for trolley T/M 400A
x2 045712	4 m 046269	10 m 032446	037779
		x 2 for Exatig	
	5 x m 046276		

EXATIG / EXAGON connection	
Command cable	Connection kit
2.8 m 063907	036918
6 m 063914	
11 m 036925	



GALAXY

MIG/MAG MULTIPROCESS PULSE INVERTER

NEW
06/2024



Expert mode - MIG pulse

Easy mode - MIG pulse

16 languages

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

MIG

SYNERGIC PULSE	STANDARD SYNERGIC
SYNERGIC PULSE	

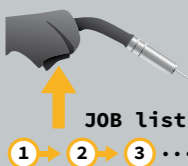
TIG (option p.48)

STANDARD	PULSE
SPOT	SPOT PULSE

MMA

STANDARD	PULSE
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QUICK LOAD



SYNERGIES

More than 40

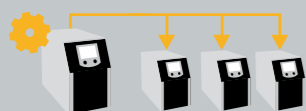


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Brochure herunterladen

CONNECTIVITY

PORTABILITY

Share configuration & jobs



SOFTWARE UPDATE



4 in 1	GAS	NO GAS
	TIG	MMA

50 W
Speed control with tachymeter
20 m/min max

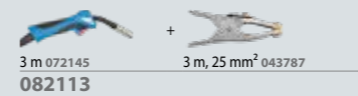


PFC
EN 61000-3-12
POWER FACTOR CORRECTION

230 V • 1~

GALAXY 250M

230 V • 1~	4 m³
250 A	Ø 200/300



400 V • 3~

GALAXY 320T

400 V • 3~	4 m³
320 A	Ø 200/300

no accessories:
080997

GALAXY 400T Duo

400 V • 3~	10 m³
400 A	Ø 200/300

no accessories:
080850

GALAXY 400T W

400 V • 3~	10 m³
400 A	Ø 200/300

no accessories:
080836

EN 60974-1	MADE IN FRANCE	50/60 Hz	Norm	A	min → max	EN60974-1 (40°C)				Electronic Control	W	m/min (max)	200 mm 5 kg	300 mm 15 kg	Ø mm		Equipment d'origine Original equipment Originalausstattung Equipamiento de fabrica	Cooling system	Protection	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	
						IA (60%)	X% (12 max)	100%	U ₀ (V)						MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)						
GALAXY 250M		230V 1~	5 m	16	10 → 250	150 A	20 %	130 A	67 V	50 W	20	■	■	0.6 → 1.2	0.9 → 1.6	0.8 / 1.0	B-042360	1.0	Air	IP 23S	15 kW / 18 kVA	80 × 45 × 78 / 45
GALAXY 320T		400V 3~	5 m	16	10 → 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	-	Air	IP 23S	20 kW / 24 kVA	80 × 33 × 77 / 49.5
GALAXY 400T Duo		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 × 38 × 85 / 63.7
GALAXY 400T W		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 × 36 × 86 / 72.5

MIG/MAG MULTIPROCESS PULSE INVERTER

NEW
06/2024

NEW
06/2024

NEW
06/2024



4 in 1

GAS	NO GAS
TIG	MMA

Speed control with tachymeter
20 m/min max

NEW
06/2024

WF 36
50 W
Smart wire charge
Ø1.0/1.2 (original equipment)
082502

3.5" display

MIG WIRE FEEDERS

GALAXY 400T W

pack GALAXY 400T W 2 084285	500 A, 3m, liquid 081154	4 m, 50 mm ² 047853	B-type, Alu, Ø1.0/1.2 (x2) 040915

GALAXY 400T G

pack GALAXY 400T G 1 084292	350 A, 4m, air 063792	—	4 m, 50 mm ² 047853	—	10 m, Ø70 mm ² , air 075450	WF 36 082502
pack GALAXY 400T G 2 084308	—	350 A, 3m, air 063808	4 m, 50 mm ² 047853	B-type, Alu, Ø1.0/1.2 (x2) 040915	10 m, Ø70 mm ² , air 075450	WF 36 082502

GALAXY 400T GW

pack GALAXY 400T GW 1 084360	500 A, 4m, liquid 081147	—	4 m, 50 mm ² 047853	—	10 m, Ø70 mm ² , liquid 075481	WF 36 082502
pack GALAXY 400T GW 2 084377	—	500 A, 3m, liquid 081154	4 m, 50 mm ² 047853	B-type, Alu, Ø1.0/1.2 (x2) 040915	10 m, Ø70 mm ² , liquid 075481	WF 36 082502

GALAXY 400T Duo

pack GALAXY 400T Duo 2 084384	—	350 A, 3m, air 063808	4 m, 50 mm ² 047853	B-type, Alu, Ø1.0/1.2 (x2) 040915	—	—
pack GALAXY 400T Duo 4 084391	350 A, 4m, air 063792	350 A, 3m, air 063808	4 m, 50 mm ² 047853	B-type, Alu, Ø1.0/1.2 (x2) 040915	10 m, Ø70 mm ² , air 075450	WF 36 082502

POWER SOURCE • 400 V • 3~

DOUBLE • 400 V • 3~

GALAXY 400T G

400 V • 3~	10 m ³
400 A	Ø 200/300

no accessories:
080829

GALAXY 400T GW

400 V • 3~	10 m ³
400 A	Ø 200/300

no accessories:
080843

GALAXY 400T Duo

400 V • 3~	10 m ³
400 A	Ø 200/300

no accessories:
080850

OPTIONS

Connection cable - Faisceaux de liaison - Zwischenschlauchpakete

AIR COOLED			
5 m	70 mm ²	075443	
10 m	70 mm ²	075450	
10 m	95 mm ²	077553	
15 m	95 mm ²	082083	
20 m	95 mm ²	082090	
LIQUID COOLED			
1.8 m	70 mm ²	075467	
5 m	70 mm ²	075474	
10 m	70 mm ²	075481	
10 m	95 mm ²	075504	
15 m	95 mm ²	079816	
20 m	95 mm ²	082106	

RC-HD3
079700 **NEW**

Kit NUM-3
081246 **NEW**

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

EN60974-1

MADE IN FRANCE

EN60974-1	Norm	min → max	EN60974-1 (40°C)			U ₀ (V)	Electronic Control	W	m/min (max)	200 mm 5 kg	300 mm 15 kg	MIG/MAG Flux Cored Wire (Gas / No Gas)	Ø mm	Original equipment Equipment d'origine Originalausstattung Equipamiento de fabrica	TYPE	Cooling system	Protected & compatible power generator (+/-15%)	L x W x H cm / kg	
			IA (60%)	X% (I2 max)	100%														
GALAXY 400T G	400 V 3~	5 m	32 A	15 → 400	300 A	35 %	280 A	66 V	—	—	—	—	—	—	—	—	—	92 × 36 × 86 / 71.5	
GALAXY 400T GW	400 V 3~	5 m	32 A	15 → 400	300 A	35 %	280 A	66 V	—	—	—	—	—	—	—	—	—	80 × 38 × 85 / 63.7	
GALAXY 400T Duo	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	■	■	80 × 38 × 85 / 59.6
WF 36	—	—	—	—	500 A	60 %	—	—	50 W	20	■	■	0.8 → 1.2	0.9 → 1.6	1.0 / 1.2	B-046849	—	—	69 × 34 × 55 / 17



MIG/MAG MULTIPROCESS PULSE INVERTER



Expert mode



TIG Pulse

ACCESSIBILITY

2 interface levels

- EASY
- EXPERT

16 languages

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

MIG

SYNERGIC PULSE	STANDARD SYNERGIC
SYNERGIC ROOT	SYNERGIC COLD PULSE
IMPACT	MANUAL
SPOT	SPOT DELAY

QUICK LOAD



SYNERGIES



Download the brochure - Télécharger la brochure - Broschüre herunterladen

TIG (option p.48)

STANDARD	PULSE
SPOT	SPOT PULSE

MMA

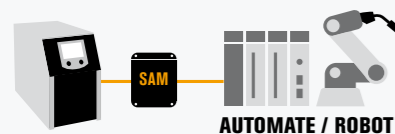
STANDARD	PULSE
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GOUGING

Ø 4 > 6.4 (400 G)	Ø 4 > 8 (500 G)
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AUTOMATION

SAM Neopulse 320 C, 400 CW, 400 G, 500 G
Automation module compatibility
SAM-1N/1A MIG/GMAW (details p.74)



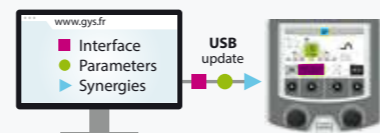
AUTOMATE / ROBOT

USER

User management

- Manager
- Admin 1
- Admin 2
- Admin 3
- ...

CUSTOMISATION



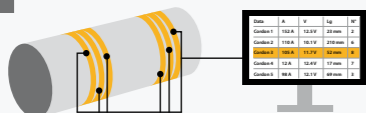
CONNECTIVITY

TRACEABILITY

History data export

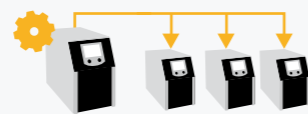
- ✓ QMOS - WPQR
- ✓ DMOS - WPS

ENERGY CONTROL : 20 kHz, kJ or kJ/cm



PORTABILITY

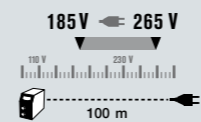
Share configuration & jobs



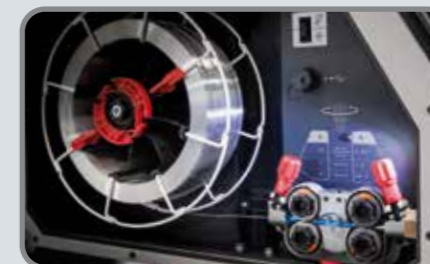
SOFTWARE UPDATE



PFC POWER FACTOR CORRECTION



IP 23 INDOOR / OUTDOOR



NEOPULSE 320C, 400 CW & NEOFEED 4W



PFC EN 61000-3-12 POWER FACTOR CORRECTION

PFC EN 61000-3-12 POWER FACTOR CORRECTION

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

230 V • 1 ~

400 V • 3 ~

NEOPULSE 220 C

220 A	⚡	⚙️	⚙️	⚙️
PFC	AIR	MMA	TIG	IP 23 S

no accessories/no trolley
061835

NEOPULSE 220 C XL

220 A	⚡	⚙️	⚙️	⚙️
PFC	AIR	MMA	TIG	IP 23 S

no accessories/no trolley
061842

NEOPULSE 320 C

320 A	⚡	⚙️	⚙️	⚙️
AIR	MMA	TIG	WF	IP 23

no accessories/no trolley
062474

CE NORM. EN60974-1 EN60974-5 EN60974-10	MADE IN FRANCE	50 / 60 Hz	A	A	PUSH/PULL	I (60%)	X% (I2 max)	100%	Uo	Electronic Control	m/min	MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	200 mm 5 kg	300 mm 15 kg	Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica	TYPE	Protected & compatible power generator (+/-15%)	L x W x H cm / kg
NEOPULSE 220 C		200+240V · 1 ~	16	10+220	24V	150 A	20%	130 A	80V	■	20	0.6+1.2	0.9+1.2	■	■	acier-steel 0.8/1.0 mm	B	7.5 kW	69 x 39 x 52 / 30
NEOPULSE 220 C XL		200+240V · 1 ~	16	10+220	24V	150 A	20%	130 A	80V	■	20	0.6+1.2	0.9+1.2	■	■	acier-steel 0.8/1.0 mm	B	7.5 kW	68 x 36 x 57 / 31.6
NEOPULSE 320 C		400V · 3 ~	25	10+320	24/42V	300 A	40%	280 A	85V	■	22	0.6+1.2	0.9+1.6	■	■	acier-steel 1/1.2 mm	F (061873)	13 kW	79 x 43 x 67 / 40

OPTIONS



Complete packs & details - p.69

NEOFEED 4W

⊕ ∅ 200/300
014527

Trolley 10m³ L + WF support 077522

NEOCOOL

032750
Cooling unit 1000 W, 5.5 L liquid not included



400V • 3 ~

400V • 3 ~ • POWER SOURCE

NEOPULSE 400 CW

400 A ∅ 200/300 400 A @ 60%

AIR LIQUID MMA TIG WF

GOUGING AD IP 23

no accessories/no trolley 062061

NEOPULSE 400 G

400 A @ 60%

WF MMA TIG GOUGING IP 23

no accessories/no trolley 014497

NEOPULSE 500 G

500 A @ 50%

WF MMA TIG GOUGING IP 23

no accessories/no trolley 014503

CE NORME EN60974-1 EN60974-5 EN60974-10	MADE IN FRANCE	50 / 60 Hz	A	min → max	PUSH/PULL	MIG EN60974-1 (40°C)			U _o	Electronic Control	m/min	MIG/MAG Flux Cored Wire (Gas / No Gas)		200 mm 5 kg	300 mm 15 kg	Original equipment Equipement d'origine Originalausstattung Equipamiento de fabrica	Protected & compatible power generator (+/-15%)	L x W x H cm / kg
						I (60%)	X% (I2 max)	100%				∅ mm	∅ mm					
NEOPULSE 400 CW	400V - 3 ~	32	10 → 400	24/42V	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	400V - 3 ~	32	10 → 400	—	400 A	60%	360 A	85 V	—	—	—	—	—	—	—	—	20 kW	80 × 39 × 50 / 33.1
NEOPULSE 500 G	400V - 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)	Electronic Control	m/min	∅ mm	∅ mm	∅ mm	∅ mm	∅ mm	Equipement d'origine - Original equipment Originalausstattung - Equipamiento de fabrica	L x W x H cm / kg
IA 60%	X% I2 max	22	200	300	GAS	NO GAS	1.0 / 1.2 mm	TYPE F-061873	69 × 40 × 50 / 21.6
500	60	22	200	300	0.6 → 1.6	0.9 → 2.4	1.0 / 1.2 mm	F-061873	69 × 40 × 50 / 21.6

OPTIONS

CONNECTION CABLES	AIR COOLED	LIQUID COOLED
1.8 m 70 mm ²	—	037243
5 m 70 mm ²	047587	047617
10 m 70 mm ²	047594	047624
10 m 95 mm ²	047600	047631
15 m 95 mm ²	038349	038448
20 m 95 mm ²	038431	038455



REMOTE CONTROL

- ✓ NEOPULSE 320C
- ✓ NEOPULSE 400 CW
- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G
- ✓ NEOFEED 4W
- ✓ TITAN 231 DC FV
- ✓ TITAN 321 DC
- ✓ TITAN 400 DC
- ✓ TITANIUM 230 AC/DC FV
- ✓ TITANIUM 400 AC/DC

RC-HD2

SOFTWARE UPDATE
command cable not included 062122



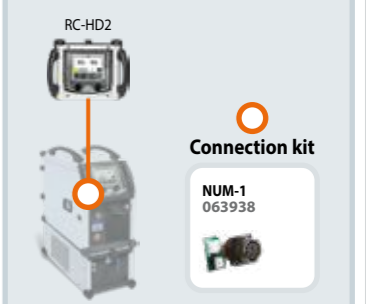
Command cable

2.8 m	063907
6 m	063914
11 m	036925

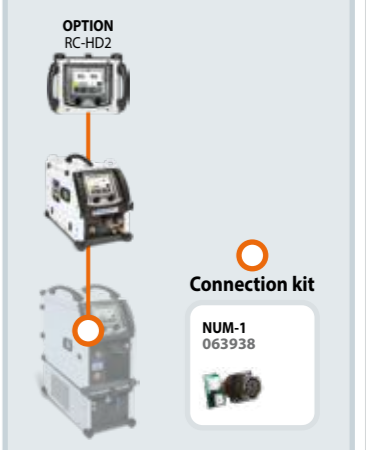
OPTIONS



NEOPULSE 320C & 400CW CONFIGURATION 1



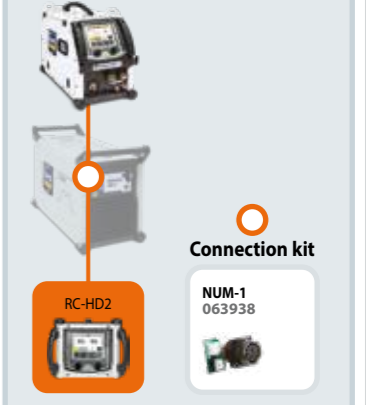
CONFIGURATION 2



NEOPULSE 400G & 500G CONFIGURATION 1



CONFIGURATION 2



EXTEND PRODUCTIVITY

DOUBLE WIRE FEEDER

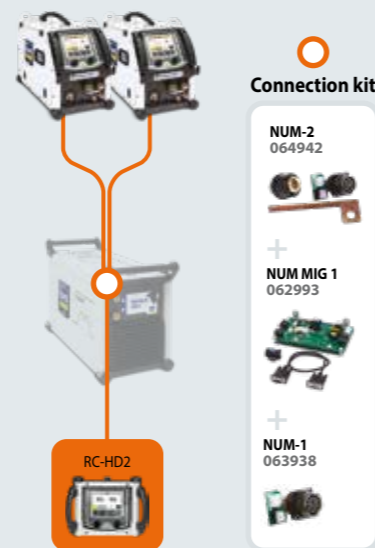
- ✓ NEOPULSE 400G
- ✓ NEOPULSE 500G



NEOPULSE 400G & 500G CONFIGURATION 1



CONFIGURATION 2



DOUBLE WIRE FEEDER OPTIONS



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



TWINCOOL
Cooling unit 1000 W, 5.5 L
liquid not included

065086

OPTIONS

RC-HA2
10m
047679



Skate
for NEOPULSE 320C + WCU
037717



10m³ L + wire feeder support
for NEOPULSE 320C, 400G & 500G
119 x 40 x 28 cm
077522



10m³ L
for NEOPULSE 320C
119 x 40 x 28 cm
075498



USB key
16 Go/GB
included
062344



Filter kit
063143



Cooling liquid
(not included)

2L 082212 10L 052246
5L 062511



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

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

073395



Push Pull (24V/42V)

Connector 14pt, male
047686

Connector 14pt, female
064386

	liquid not included					Fe/CrNi	Alu

NEOPULSE 220C

pack NEOPULSE 220C A1 062801				4 m, 35 mm ² 043817			250 A, 3 m, air 072145
pack NEOPULSE 220C A2 062818		TYPE B, Alu, Ø 1/1.2 (x2) 040915		4 m, 35 mm ² 043817			250 A, 3 m, air 063785

NEOPULSE 220C XL

pack NEOPULSE 220C XL A1 062825				4 m, 35 mm ² 043817			250 A, 4 m, air 063778
pack NEOPULSE 220C XL A2 062832		TYPE B, Alu, Ø 1/1.2 (x2) 040915		4 m, 35 mm ² 043817			250 A, 3 m, air 063785

NEOPULSE 320C

pack NEOPULSE 320C A1 062849				4m, 70 mm ² 036994			350 A, 4 m, air 063792
pack NEOPULSE 320C A2 062856		TYPE F, Alu, Ø 1/1.2 (x4) 061903		4m, 70 mm ² 036994			350 A, 3 m, air 063808
pack NEOPULSE 320C W1 084704	WCU 1kW C 013537			4m, 70 mm ² 036994	10 m ³ L 075498		500 A, 4 m, liquid 081147
pack NEOPULSE 320C W2 084711	WCU 1kW C 013537	TYPE F, Alu, Ø 1/1.2 (x4) 061903		4m, 70 mm ² 036994	10 m ³ L 075498		500 A, 3 m, liquid 081154
pack NEOPULSE 320C W3 063402	WCU 1kW C 013537	TYPE F, Alu, Ø 1/1.2 (x4) 061903		4m, 70 mm ² 036994		Skate 037717	500 A, 3 m, liquid 081154

				Fe/CrNi	Alu

NEOPULSE 400CW

pack NEOPULSE 400CW 1 071483				4m, 70 mm ² 043831		500 A, 4 m, liquid 081147	
pack NEOPULSE 400CW 2 071490		TYPE F, Alu, Ø 1/1.2 (x4) 061903		4m, 70 mm ² 043831			500 A, 3 m, liquid 081154

		liquid not included						Fe/CrNi	Alu

NEOPULSE 400G

pack NEOPULSE 400G A1 084728	NEOFEED 4W 014527			5 m, air, ø 70 mm ² 047587	4m, 70 mm ² 043831	10 m ³ L + wire feeder support 077522		450 A, 4 m, air 045392
pack NEOPULSE 400G W1 084735	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 95 mm ² 047631		4m, 70 mm ² 043831	10 m ³ L + wire feeder support 077522		500 A, 4 m, liquid 081147
pack NEOPULSE 400G W2 084742	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 95 mm ² 047631	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm ² 043831	10 m ³ L + wire feeder support 077522		500 A, 3 m, liquid 081154
pack NEOPULSE 400G W3 084759	x2 NEOFEED 4W 014527	TWINCOOL 1000W 065086	x2 10 m, liquid, ø 95 mm ² 047631	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm ² 043831	10 m ³ L + wire feeder support 077522	fixation kit 064690	500 A, 4 m, liquid 081147 500 A, 3 m, liquid 081154 Kit NUM-2 064942
pack NEOPULSE 400G W4 066540	x2 NEOFEED 4W 014527	x2 Rollers 047020	TWINCOOL 1000W 065086	x2 10 m, liquid, ø 95 mm ² 047631	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm ² 043831		Pallet trolley 064621 500 A, 4 m, liquid 081147 500 A, 3 m, liquid 081154 Kit NUM-2 064942
pack NEOPULSE 400G W5 084797	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 70 mm ² 047624			10 m ³ L + wire feeder support 077522		
pack NEOPULSE 400G W6 084810	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 70 mm ² 047624		4m, 50 mm ² 047853	10 m ³ L + wire feeder support 077522		500 A, 4 m, liquid 081147
pack NEOPULSE 400G W7 084827	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 70 mm ² 047624	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 50 mm ² 047853	10 m ³ L + wire feeder support 077522		500 A, 3 m, liquid 081154

NEOPULSE 500G

pack NEOPULSE 500G W1 084766	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 95 mm ² 047631		4m, 95 mm ² 047013	10 m ³ L + wire feeder support 077522		500 A, 4 m, liquid 081147
pack NEOPULSE 500G W2 084773	NEOFEED 4W 014527	NEOCOOL 1000W 032750	10 m, liquid, ø 95 mm ² 047631	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm ² 047013	10 m ³ L + wire feeder support 077522		500 A, 3 m, liquid 081154
pack NEOPULSE 500G W3 084780	x2 NEOFEED 4W 014527	TWINCOOL 1000W 065086	x2 10 m, liquid, ø 95 mm ² 047631	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm ² 047013	10 m ³ L + wire feeder support 077522	fixation kit 064690	500 A, 4 m, liquid 081147 500 A, 3 m, liquid 081154 Kit NUM-2 064942
pack NEOPULSE 500G W4 066564	x2 NEOFEED 4W 014527	x2 Rollers 047020	TWINCOOL 1000W 065086	x2 10 m, liquid, ø 95 mm ² 047631	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm ² 047013		Pallet trolley 064621 500 A, 4 m, liquid 081147 500 A, 3 m, liquid 081154 Kit NUM-2 064942



TORCHES & CONSUMABLES

TORCH STANDS - Supports torche - Brennerhalter

COBOT	Magnetic
067752	041653

MANUAL TORCHES - Torches manuelles - Brenner - Antorcha - Lastoort - Tocha

Classic

Classic

Grip

GRIP COMFORT

Flexible

Abimig

360°

Fume Extraction

- Fume Extraction Torches
- Torches aspirantes
- Rauchgas-Absaugbrenner
- Antorcha con aspiración de humos

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

PUSH PULL for NEOPULSE 220C & 220C XL

Light weight

MADE IN FRANCE

ROLLERS - Galets - Drahtführungsrollen - Rollen - Rodillos - Wielen - Roletes

0.6/0.8/1.0	046290
0.8/1.0/1.2	038752

Connector Push Pull 10 pts 064393

PUSH PULL PLUS for EXAFEED, NEOFEED, NEOPULSE 320C & WF 50

Included Push Pull (24V/42V) Connector 14pt, male 047686

PUSH PULL INLINE for EXAFEED, NEOFEED, NEOPULSE 320C & WF 50

Included ROLLERS - Galets - Drahtführungsrollen - Rollen - Rodillos - Wielen - Roletes

1.0/1.0	038189
1.2/1.2 (Included)	038196

Teflon hose guide for wire feeder 079601

CONSUMABLES - Consommables

Torch liners - Gainses - Mantel - Funda - Drahtseelen - Folha

Tip adaptors & diffusers - Supports tube contact & diffuseurs

A1		A2	
B1		B2	
C1		C2	
D1		D2	
E1		E2	
F			

Contact tips - Tubes contacts - Kontaktröhre - Tubo de contacto - Contactbuis - Pontas de contacto

A	
B	
C	
D	
E	

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

A	
B	
C	
D	
E	

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

%	STEEL / STAINLESS STEEL - ACIER / INOX - STAHL / EDELSTAHL								ALUMINIUM - ALU - ALUMINIO					PUSH PULL		PUSH PULL PLUS		PUSH PULL INLINE					
	AIR				LIQUID				AIR					LIQUID		AIR	LIQUID	AIR	LIQUID	AIR	LIQUID		
	150A	150A	250A	250A	350A	450A	300A	500A	150A	250A	250A	350A	300A	500A	220A	250A	250A	300A	400A	300A	400A		
40°C, Ar/CO ₂	60%	60%	60%	60%	60%	60%	60%	100%	100%	60%	60%	60%	60%	100%	100%	20%	100%	60%	100%	60%	100%	60%	100%
	A1+A2	A1+A2	B1+B2	B1+B2	D1+D2	F	C1+C2	E1+E2	A1+A2	B1+B2	B1+B2	D1+D2	C1+C2	E1+E2	B1+B2	C1+C2	D1+D2	E1+E2	E1+E2	D1+D2	E1+E2	D1+D2	E1+E2
	M6	M6	M6	M6	M8	M8	M8	M8	M6	M6	M6	M8	M6	M8	M6	M6	M8	M8	M8	M8	M8	M8	M8
	Ø0.8	Ø1.0	Ø0.8	Ø1.0	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø0.8	Ø1.2	Ø1.0	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø1.2
	3 m	3 m	3 m	3 m	4 m	4 m	3 m	4 m	3 m	3 m	3 m	3 m	3 m	3 m	4 m	8 m	8 m	8 m	8 m	7.6 m	7.6 m		
	063754	072121	072145	072152	063792	045392	040694	081147	063761	072138	063785	063808	040748	081154	046283	038141	038738	038745	072992	073005			
	3 m				4 m	3 m																	
	041424				063778	040687																	
	3 m				3 m	4 m																	
	043268				040700	040946																	
	3 m				4 m	4 m																	
	043251				040922	040557																	
	3 m				3 m																		
	082151				040540																		

Tip adaptors & diffusers - Supports tube contact & diffuseurs

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

Contact tips - Tubes contacts - Kontaktröhre - Tubo de contacto - Contactbuis - Pontas de contacto

	150A	150A	250A	250A	350A	450A	300A	500A	150A	250A	250A	350A	300A	500A	250A	250A	350A	500A	350A	500A
Ø0.6	A (x10)	A (x10)	A (x10)	A (x10)			A (x10)													
	041905	041905	041905	041905			041905													
Ø0.8	A (x10)	A (x10)	B (x10)	B (x10)	C (x10)	C (x10)	B (x10)	C (x10)	A (x10)	A (x10)	A (x10)		A (x10)		A (x10)	A (x10)	C (x10)	C (x10)	C (x10)	C (x10)
	041912	041912	041950	041950	041790	041790	041950	041790	041059	041059	041059		041059		041059	041059	041059	041059	041059	041059
Ø1.0	A (x10)	A (x10)	B (x10)	B (x10)	C (x10)	C (x10)	B (x10)	C (x10)	B (x10)	B (x10)	B (x10)	C (x10)	B (x10)	C (x10)	B (x10)	B (x10)	C (x10)	C (x10)	C (x10)	C (x10)
	041929	041929	041967	041967	0419803	0419803	041967	0419803	041066	041066	041066	0419766	041066	0419766	041066	041066	0419766	0419766	0419766	0419766
Ø1.2	A (x10)	A (x10)	B (x10)	B (x10)	C (x10)	C (x10)	B (x10)	C (x10)	B (x10)	B (x10)	B (x10)	C (x10)	B (x10)	C (x10)	B (x10)	B (x10)	C (x10)	C (x10)	C (x10)	C (x10)
	040144	040144	041974	041974	0419810	0419810	041974	0419810	041073	041073	041073	0419773	041073	0419773	041073	041073	0419773	0419773	0419773	0419773
Ø1.4					C (x10)	C (x10)		C (x10)												
					0419827	0419827		0419827												
Ø1.6					C (x10)	C (x10)		C (x10)				C (x10)		C (x10)			C (x10)	C (x10)	C (x10)	C (x10)
					0419834	0419834		0419834				041080		041080			041080	041080	041080	041080
Ø2.4					C (x10)	C (x10)		C (x10)												
					040533	040533		040533												

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

	150A	150A	250A	250A	350A	450A	300A	500A	150A	250A	250A	350A	300A	500A	250A	250A	350A	500A	500A	500A
	Ø12	Ø12	Ø15	Ø15	Ø16	Ø19	Ø12	Ø16	Ø15	Ø15	Ø15	Ø16	Ø12	Ø16	Ø15	Ø15	Ø16	Ø16	Ø16	Ø16
	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)	A (x3)
Conical nozzle Kónische Düse	041875	041875	041882	041882	041783	045491	043534	042315	041875	041882	041882	041783	043534	042315	041882	041882	041783	042315	042315	042315
	E (x1)	E (x1)	E (x1)	E (x1)	E (x1)			E (x1)												
	043084	043084	040571	040571	040588			040588												
Spot welding Pointage Punktdüse	B (x1)	B (x1)							A (x3)					A (x3)						
	041851	041851							046214					046221						
Nail welding Soude clou Nagelschweiß- düse	C (x1)	C (x1)																		
	041523	041523																		
Special No Gases (isolated)	D (x1)	D (x1)																		
	041868	041868																		

Boxes - Coffrets - Verschleißsteilebox - Cajas - Kistjes - Estojos

MB 15 (150 A)	MB 15 / MB 25 (250 A)	MB 25 (250 A)	MB 36 (350 A)	MB 501 (500 A)
041226	077089	041233	041417	072381
x3	x5 (M6-Ø0.6) x5 (M6-Ø0.8) x5 (M6-Ø1.0)	x5	x2	x2
x5	x5 (M6-Ø0.8) x5 (M6-Ø1.0) x5 (Alu - M6-Ø1.0) x5 (Alu - M6-Ø1.2)	x3	x3	x3
x3	x5 (M6-Ø0.6) x5 (M6-Ø0.8) x5 (Alu - M6-Ø0.8)	x5 (M6-Ø0.8) x5 (M6-Ø1.0) x5 (Alu - M6-Ø1.0)	x5 (M6-Ø1.0) x5 (M6-Ø1.2) x5 (Alu - M6-Ø1.0) x5 (Alu - M6-Ø1.2)	x5 (M6-Ø1.0) x5 (M6-Ø1.2) x5 (Alu - M6-Ø1.0) x5 (Alu - M6-Ø1.2)
x3	x2	x3	x2	x2

Torch liners - Gainses - Mantel - Funda - Drahtseelen - Folha

STEEL - ACIER - STAHL - ACERO - STAAL - AÇO			TEFLON		
Ø0.6	3 m	041592	Ø0.6x0.8	3 m	041578
Ø0.8	4 m	041837		4 m	044050
Ø1.0	3 m	041608	Ø1.0x1.2	3 m	041585
Ø1.2	4 m	041844		4 m	044067
	5 m	062276		8 m	038677
	3 m	041847		4 m	044074
	4 m	0418424			
	5 m	062283			
	5 m	ABIMIG 038684			
	4 m	040526			
	5 m	062290			

WELDING WIRE REELS

- Bobines de fil - Massivdrahtspulen
- Rollos de hilo - Draadbobbijn - Bobines de fio



ECO

Ecological wire reel - Bobine écologique



100 mm



Adaptors for wire reels - Adaptateurs bobines - Korbspulenadapter

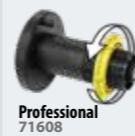


ALIGNER 200
Ø 200
042889

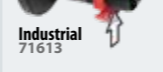


ECO ADAPTER 300 Intensive
for ecological wire reel - pour bobine écologique - für Eco Fülldrahtrolle
043305

After sales
Ø 200 & 300



Professional 71608



Industrial 71613



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

Steel - Acier - Stahl - Acero - Staal - Aço

SG2
Norms: AWS 5.18: ER 70S-6; EN ISO 14341-A: G46 4MG3Si1; DIN 8559: SG2

100 mm	Ø 0.6	086593
0.9 kg	Ø 0.8	086609
200 mm	Ø 0.6	086111
5 kg	Ø 0.8	086128
	Ø 1.0	086135
300 mm	Ø 0.6	086166
15 kg	Ø 0.8	086227
18 kg	Ø 0.8 ECO	086272
	Ø 1.0	086234
	Ø 1.0 ECO	086289
	Ø 1.2	086241
	Ø 1.2 ECO	086296
300 mm	Ø 1.0 ECO	086302
EXCELLIUM	Ø 1.2 ECO	086319
15 kg		

SG1
Norms: AWS 5.18: ER 70S-3; EN ISO 14341-A: G42 2MG2Si1; DIN 8559: SG1

200 mm	Ø 0.6	086418
5 kg	Ø 0.8	086401
	Ø 1.0	086258

UHSS
Norms: AWS ASME SFA-5.28: ER 120 S-G; EN ISO 12534: G Mn4Ni2.5CrMo

200 mm	Ø 0.8	086203
5 kg	Ø 0.8	086777

Aluminium

AlMg2.7Mn
Norms: AWS 5.10: ER 5554; EN ISO 18273: S Al 5554; DIN 1732: SG-AlMg2.7Mn

200 mm	Ø 1.2	086517
2 kg		
300 mm	Ø 1.2	086500
7 kg		

AlMg5
Norms: AWS 5.10: ER 5356; EN ISO 18273: S Al 5356; DIN 1732: SG-AlMg5

100 mm	Ø 0.8	086548
0.5 kg		
200 mm	Ø 0.8	086555
2 kg	Ø 1.0	086562
300 mm	Ø 1.0	086524
7 kg	Ø 1.2	086531
300 mm	Ø 1.0 ECO	086487
EXCELLIUM	Ø 1.2 ECO	086494
7 kg		

Cored wire no gas - Fil fourré sans gaz - Fülldraht No-Gas - Hilo tubular no gas

Norms: AWS 5.20: E71T-GS; EN ISO 17632-A T42 Z W N 1.H15

100 mm	Ø 0.6	086425
0.9 kg	Ø 0.9	086104
200 mm	Ø 0.9	086265
4.5 kg	Ø 1.0	086623
	Ø 1.2	086630
300 mm	Ø 1.0	086388
15 kg	Ø 1.2	086395

Hardfacing - Rechargement Acier 60 HRC

Norms: EN 14700: T2 Fe 2; DIN 8555: MSG 6-CF-60

300 mm	Ø 1.2 ECO	086173
16 kg		

Brazing - Brasage

CuSi3 HLE - UHTS (Boron Steel)
Norms: AWS 5.7: ER CuSi-A; EN ISO 14640: S Cu 6560; DIN 1733: SG-CuSi3

100 mm	Ø 0.8	086692
1 kg		
200 mm	Ø 0.8	086647
5 kg	Ø 1.0	086654
	Ø 1.2	086210
200 mm	Ø 0.8	086210
EXCELLIUM		
5 kg		

CuAl8 HLE - UHTS (Boron Steel)
Norms: AWS 5.7: ER CuAl-A1; EN ISO 14640: S Cu 6100; DIN 1733: SG-CuAl8

200 mm	Ø 0.8	086661
5 kg	Ø 1.0	086197
300 mm	Ø 1.0	086180
15 kg		

Stainless steel - Inox - Edelstahl

CrNi (308LSi)
Norms: AWS 5.9: ER 308L Si; EN ISO 14343-A: G19 9 L Si; DIN 8556: SG X2CrNi 19 9

100 mm	Ø 0.8	086616
1 kg		
200 mm	Ø 0.8	086579
5 kg	Ø 1.0	086340
300 mm	Ø 1.0	086357
15 kg		

CrNi (316LSi)
Norms: AWS 5.9: ER 316L Si; EN ISO 14343-A: G19 12 3 L Si; DIN 8556: SG X2 CrNiMo 19 12

200 mm	Ø 0.8	086326
5 kg	Ø 1.0	086364
300 mm	Ø 1.0	086371
15 kg		

ROLLERS - Galets - Drahtführrollen - Rollen - Rodillos - Wielen - Roletes

Type A	Type B	Type D	Type C	Type E	Type F
Smartmig 142 → 183, Monogys 200, Easymig 150 → 180, Multipearl 210, Multiweld 160 → 250	Monogys 250/320, Trimig, Promig, TF-4, W55, Multipearl 210/211, Multiweld 320 → 400, Neopulse 220, Kronos, WF 35	Smartmig 110, EasyMIG 85 → 140	Magys 400, WS-4, Nomadfeed (down), Exafeed, Neopulse 300	Nomadfeed (up)	Neofeed, Neopulse 320/400, Smartfeed, WF 50

Steel/stainless steel - Acier/inox - Stahl/edelstahl

Ø 0.6/0.8 x1 042339	Ø 0.6/0.8 x1 042087	Ø 0.6/0.8 x1 039483	Ø 0.6/0.8 x2 041738	Ø 0.6/1.6 x2 038561	Ø 0.6/0.8 x4 061859
Ø 0.8/1.0 x1 041189	x2 042353		Ø 0.8/1.0 x2 042094		Ø 0.8/1.0 x4 061866
Ø 1.0/1.2 x1 062221	Ø 0.8/1.0 x1 042100		Ø 1.0/1.2 x2 042117		Ø 1.0/1.2 x4 061873
	x2 042360		Ø 1.2/1.4 x2 039780		Ø 1.2/1.6 x4 061880
	Ø 1.0/1.2 x1 042179		Ø 1.2/1.6 x2 041752		
	x2 046849				
	Ø 1.2/1.6 x2 042384				

Cored wire - Fil fourré - Fülldraht - Hilo tubular (STANDARD V)

Ø 0.6/0.9 x1 068933	Ø 0.6/0.9 x1 068940	Ø 0.6/0.9 x1 068926	Ø 0.9/1.2 x2 042124	Ø 0.6/1.6 x2 038561
Ø 0.8 solid /0.9 cored x1 046856	Ø 0.9/1.2 x1 042131	Ø 0.8 solid /0.9 cored x1 039476	Ø 1.2/1.6 x2 038646	
Ø 0.9/1.2 x1 042346	x2 042407	Ø 0.9/1.0 x1 044081	Ø 1.6/2.0 x2 037113	
			Ø 1.8/2.0 x2 061743	

Cored wire - Fil fourré - Fülldraht - Hilo tubular (TWIN)

		Ø 1.2/1.2 x4 080614	Ø 1.2 x2 038608	Ø 0.9/1.1 x4 061927
		Ø 1.2/1.4 x4 047693	Ø 1.6 x2 038615	Ø 1.2/1.6 x4 061934
		Ø 1.2/1.6 x4 080621	Ø 1.8 x2 061750	Ø 1.4/2.0 x4 061941
		Ø 1.8/2.0 x4 080638	Ø 2.0 x2 037106	Ø 1.6/2.4 x4 061958
		Ø 1.6/2.4 x4 040519	Ø 2.4 x2 038622	

Aluminium				
Ø 0.8/1.0 x1 041196	Ø 0.8/1.0 x1 042155	Ø 0.8/1.0 x1 039469	Ø 0.8/1.0 x2 042148	Ø 0.8/1.0 x4 061897
Ø 1.0/1.2 x1 062214	x2 042377		Ø 1.0/1.2 x2 042162	Ø 1.0/1.2 x4 061903
	Ø 1.0/1.2 x1 042186		Ø 1.2/1.6 x2 041776	Ø 1.2/1.6 x4 061910
	x2 040915			
	Ø 1.2/1.6 x2 042391			

SPECIAL MIG/MAG PLIER - ORIGINAL FIX - pince spéciale MIG/MAG - Spezial MIG/MAG Zange - Pinza especial MIG MAG



MIG torch stand with magnetic base - Support torche magnétique - MIG-Brennerhalter mit Magnetfuß
041653



Anti spatter fluid - Liquide anti-grattons - Antihafmittel
10L
054134



Anti spatter paste - Pâte anti-adhérente - Antihaf-Paste
300g
054110



Metalic spray bottle - Pulvérisateur métallique - Metallische Sprühflasche
400ml
054127



Ceramic protective spray - Spray protection céramique - Keramisches Schutzspray
400ml
054141



Anti-spatter spray (without silicone) - Spray protecteur (sans silicone)
400ml
041806

NO GAS WELDING KITS - Kits soudage NO GAZ

041240	150 A	type A
	Isolated Nozzle (x1)	
	M6 - Ø 0.9/1.0 (x3)	
	Type A	
	Ø 0.9-1.0 / 1.2 (x1)	

072329	250 A
	Base (x1)
	Ceramic nozzle (x3)

072336	250 A	type A
	Base (x1)	
	Ceramic nozzle (x3)	
	M6 - Ø 0.9/1.0 (x3)	
	Type A	
	Ø 0.9-1.0 / 1.2 (x1)	

072343	250 A	type B
	Base (x1)	
	Ceramic nozzle (x3)	
	M6 - Ø 0.9/1.0 (x3)	
	Type B	
	Ø 0.9-1.0 / 1.2 (x2)	

WIRE FEEDER SUPPORT - Support élingage dévidoir - Drahtvorschubhalterung



036277
Max 50 kg
EN 60974-1

MADE IN FRANCE

MIG TORCH SUPPORTS - Supports torche MIG - MIG-Brennerteleskophalterung



MIG Lift Compact 046597



MIG Lift Pro 046429

MADE IN FRANCE	L	rotation	Torches compatibility		Machines compatibility							
			classic	fume extraction	MONOGYS	MAGYS	KRONOS	400T + WF	NEOMIG-i	NEOPULSE	EXAGON	
	adjustable 1.3 m max	180°	✓	—	✓	—	✓	—	—	with adapter 072237	—	—
	adjustable 2.5 m max	360°	✓	✓	—	✓	—	—	✓	with trolley T/M 400 only	—	sur chariot - on trolley



AUTOMATION BROCHURE



Download Brochure -
Télécharger la brochure



AUTOMATION

AUTOMATION 75

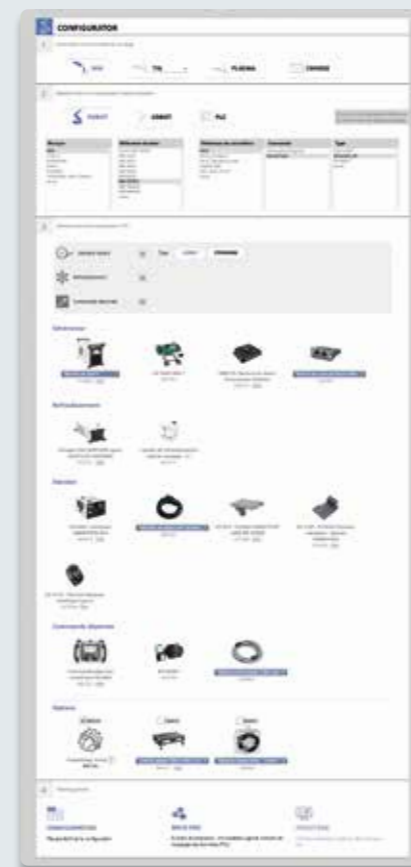
ACCESSORIES 79

USE THE ONLINE CONFIGURATION TOOL

Online configurator -
Configurateur en ligne



TIG
GTAW
MIG/MAG
GMAW/FCAW
PLASMA
CUTTING



1. Select your process

MIG or TIG or PLASMA

2. Select your automation equipment (brand, arm, controller, connexion)

ROBOT or COBOT or PLC

3. Choose options

WIRE FEEDER COLLING UNITS REMOTE CONTROL

4. Get your configuration



+



+



Complete configuration

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

Back-End

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



Front-End

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



GENERATOR COMPATIBILITY

TIG GTAW	TITAN 231 DC
	TITAN 321 DC
	TITAN 400 DC
	TITANIUM 230 AC/DC
	TITANIUM 400 AC/DC
ORBITIG	

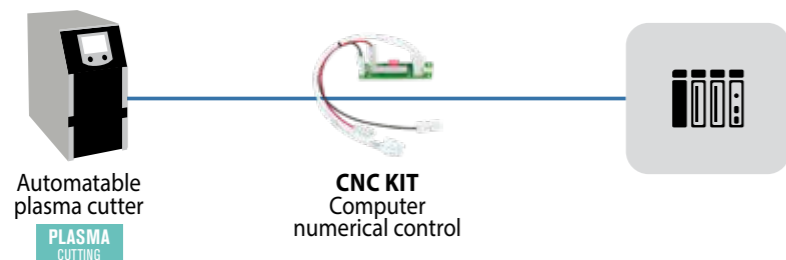
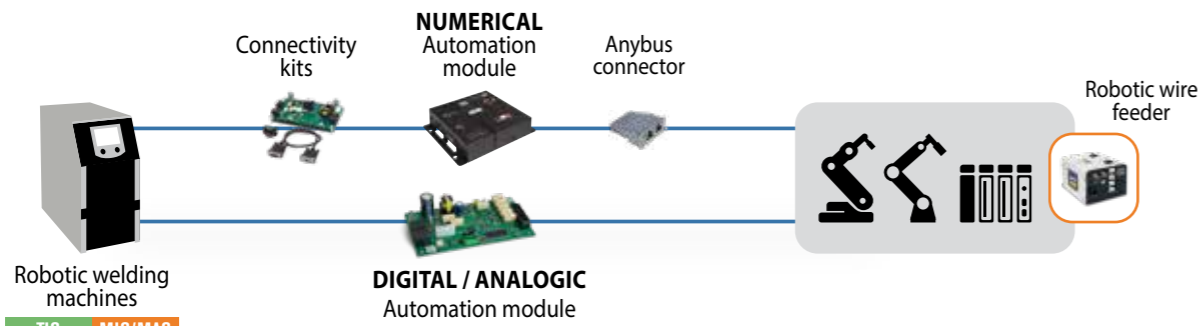
MIG/MAG GMAW/FCAW	NEOPULSE 320 C
	NEOPULSE 400 CW
	NEOPULSE 400 G
	NEOPULSE 500 G
	EXAGON 400 FLEX CC/CV

PLASMA CUTTING	CUTTER 45 CT
	CUTTER 70 CT
	CUTTER 105 CT
	NEOCUT 45
	NEOCUT 105
	NEOCUT 125

GIN : GYS INTERNAL NETWORK

The proprietary communication language or 'GIN' (GYS Internal Network) allows data to be GIN transmitted between all connected equipment. 'GIN' has 3 advantages:

- 1 Easy to use:** a single update will upgrade all connected products
- 2 Quick to set up**
- 3 Automatically recognises GYS products**



Configuration examples - Exemples de configurations



BRAND COMPATIBILITY

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

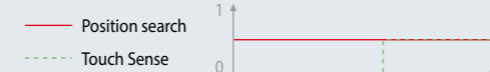
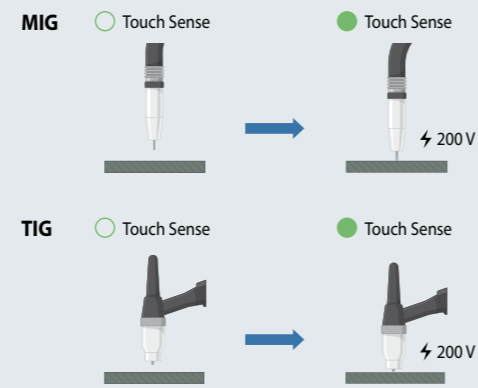
ROBOT	COBOT	PLC
ABB	ABB	BECKHOFF
COMAU	DOBOT	DELTA
FANUC	DOOSAN	OMRON
HYUNDAI	FANUC	PROFACE
KAWASAKI	HANWHA	ROCKWELL AUTOMATION
KUKA	JAKA	SCHNEIDER ELECTRIC
MITSUBISHI	KASSOW	SIEMENS
STÄUBLI	OMRON	UNITRONICS
YASKAWA	TECHMAN ROBOT	WAGO
...	UNIVERSAL ROBOTS	...
...	YASKAWA	...

For all other requests, please contact us. - Pour toute autre demande, veuillez nous consulter - Für alle anderen Anfragen wenden Sie sich bitte an uns.

TOUCH FUNCTION

The touch function is used to detect the workpiece

Electrical pulse are sent through the electrode / wire. Once in contact with the workpiece, the Touch_Sense variable switches to 1. This allows functions to be programmed. (relocation, path correction, workpiece presence control, ...)



ARC WELDING

SMART AUTOMATION MODULE

TIG GTAW, MIG/MAG GMAW/FCAW

	I (100%)	Integrated wirefeeder	SAM-1A Analogic/Digital	SAM-1N Digital
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)	-
TITAN 231 DC	200 A	-	✓	✓
TITAN 321 DC	320 A	-	✓	✓
TITAN 400 DC	360 A	-	✓	✓
TITANIUM 230 AC/DC	170 A	-	✓	✓
TITANIUM 400 AC/DC	360 A	-	✓	✓
ORBITIG	140 A	-	Integrated CANopen	

SAM 1N
NUMERICAL

1001011101
10011000100
0011010100

MACHINE CONNECTIVITY KITS

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

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

SMART AUTOMATION MODULE SAM 1N
064935

15 cm, 18 cm

ANYBUS CONNECTORS

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

90% PLC/ROBOT COMPATIBILITY, 6 COMMUNICATION PROTOCOLS, AUTOMATIC DETECTION

SAM 1A
DIGITAL ANALOGIC

SMART AUTOMATION MODULE SAM 1A
071940

8 inputs, 7 outputs

Integrated SAFETY function

3 modes: 20 Job, Manual, Tracking

Smart automation module videos

PLASMA CUTTING

PLASMA CUTTING	CNC kit 1 Analogic	CNC kit 2 Digital	Control cable
CUTTER 45 CT	✓	-	-
CUTTER 70 CT	✓	-	-
CUTTER 105 CT	✓	-	-
NEOCUT 45	-	-	✓
NEOCUT 105	✓	✓	-
NEOCUT 125	✓	✓	-

ANALOGIC

CNC KIT 1 Analogic
039988

ANALOGIC RS485

1001011101
10011000100
0011010100

CNC KIT 2 Digital
064737

DIGITAL ANALOGIC

Control cable
084643

NEW



ROBOTIC WIRE FEEDER

MIG/MAG
GMAW/FCAW



High quality



	I (100%)	SMARTFEED M-4	SMARTFEED MB-PP
NEOPULSE 320 C	280 A	✓	✓
NEOPULSE 400 CW	360 A	✓	✓
NEOPULSE 400 G	360 A	✓	✓
NEOPULSE 500 G	440 A	✓	✓



ULTRA LIGHT
4.5 kg



VIBRATION &
SHOCK RESISTANT



COLLISION AND
WIRE-END SENSOR



4 MANUAL
CONTROLS

SMARTFEED
M-4
066618

IP 21 MOTOR DC
115 W



Front view

SMARTFEED
MB-PP
073647

IP 21 BRUSHLESS
MOTOR 100 W



Front view



Back view

15 cm

24.5 cm

21.5 cm

	EN60974-1 (40°C)		Electronic Control	Original equipment - Equipement d'origine - Originalausstattung - Equipamiento de fabrica	TYPE	max m/min	PUSH-PULL	Flux Cored Wire (Gas / No Gas)		L x W x H cm / kg
	IA 60%	X% I2 max						MIG/MAG (Gas)	Flux Cored Wire (Gas / No Gas)	
SMARTFEED M-4	500	60	115 W	1.0 / 1.2 mm	F-061873	1 → 25	—	0.6 → 1.6	0.9 → 2.4	40 × 31 × 25 / 5.7
SMARTFEED MB-PP	500	60	110 W	1.0 / 1.2 mm	F-061873	1 → 25	■	0.6 → 1.6	0.9 → 2.4	40 × 31 × 25 / 5.7

COMPLETE PACKS

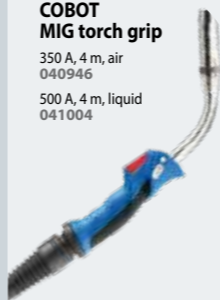
	NEOCOOL 400 032750	Cooling liquid 10L 052246	Pallet trolley 064621	NUM-1 063938	Command cable 11 m 036925	RC-HD2 062122	Kit NUM MIG/GMAW 1 062993	SAM 1N 064935	Ethernet IP 062078	Liquid, 8 m, Ø 95 mm ² 069725	SMARTFEED M-4 066618	4 m, 95 mm ² 047013
pack NEOPULSE 400G ETHERNET IP 071575	•	•	•	•	•	•	•	•	•	•	•	•
pack NEOPULSE 500G ETHERNET IP 071582	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONS

MIG/MAG
GMAW/FCAW

COBOT MIG torch grip

350 A, 4 m, air
040946
500 A, 4 m, liquid
041004



COBOT torch support

067752



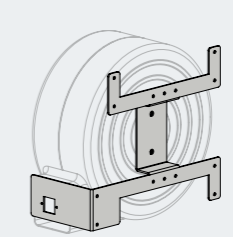
Robotic wire box

Ø300 mm
079793



Robotic wire box holder

079809



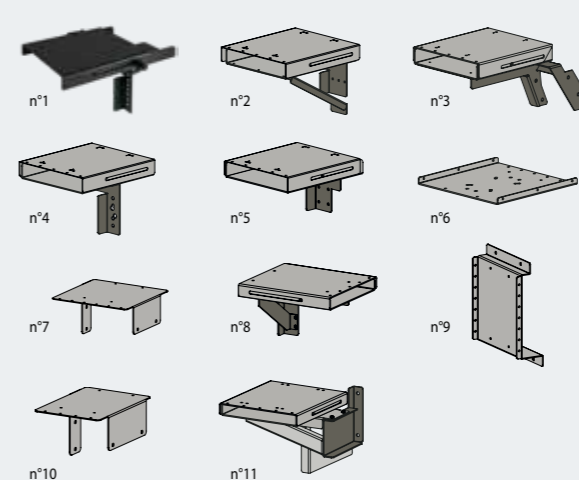
Connection cable

Liquid, 4 m, Ø95 mm²
073517
Liquid, 8 m, Ø95 mm²
069725
Liquid, 12 m, Ø95 mm²
078581
Control cable, 4 m
073524
Control cable, 8 m
073531



Smartfeed support for ROBOT kits

- Kit n°1 - YASKAWA 070707
- Kit n°2 - KAWASAKI 071445
- Kit n°3 - ABB IRB 1660ID 071452
- Kit n°4 - FANUC 071469
- Kit n°5 - KUKA 071476
- Kit n°6 - Multibrand 072282
- Kit n°7 - ABB IRB 4600 072602
- Kit n°8 - ABB IRB 1520ID 075399
- Kit n°9 - ABB IRB 6600 075931
- Kit n°10 - ABB IRB 2600 078772
- Kit n°11 - ABB IRB 2600ID 078789



Kit n°20

Cable guide
075429



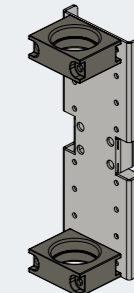
Kit n°21

Cable fixation
077324



Kit n°23

Interconnection
mount - YASKAWA
079458



ASK US
FOR MORE

Complete list of support

OPTIONS

TIG
GTAW

MIG/MAG
GMAW/FCAW

PLASMA
CUTTING



Remote control digital RC-HD2 062122

- for
- ✓ Titan 231 DC FV
- ✓ Titan 400 DC
- ✓ Titanium 230 AC/DC FV
- ✓ Neopulse 320C
- ✓ Neopulse 400G
- ✓ Neopulse 400CW
- ✓ Neopulse 500G
- ✓ Neofeed-4W

RC-HD2



SOFTWARE UPDATE

included fixation



Command cable

2.8 m
063907
6 m
063914
11 m
036925



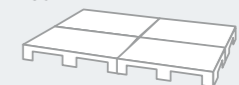
Pallet trolley

79 x 49 x 27.5 cm
064621

IDEAL



COMBINAISON





PLASMA CUTTING

25 · 40 A
1~

EASYCUT	82
---------	----

45 · 125 A
1 & 3~

CUTTER	84
--------	----

NEOCUT	86
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ACCESSORIES	88
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COMPLETE PACKS	89
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TORCHES & CONSUMABLES	90
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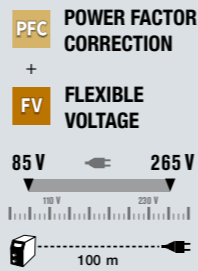


CUTTER

PLASMA 45 → 105 A HAND-HELD & MECHANIZED CUTTING

DIGITAL
(PRESSURE SENSOR)

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



DIGITAL
(PRESSURE SENSOR)



DIGITAL
(PRESSURE SENSOR)

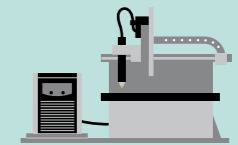
NEW
07/2024



Cutter 105

OPTIONS

CNC COMPUTER NUMERICAL CONTROL



CUTTER 45 CT, 70 CT & 105 CT



CNC ANALOGIC
CNC kit 1 ANALOGIC
039988

110 · 230 V · 1 ~

400 V · 3 ~

CUTTER 45 CT

45 A 110 → 230 V · 1 ~ Fe 30 mm
Al/CrNi 20 mm

P400 PFC FV GRID CUT AD IP 23

CNC ANALOGIC

2 m, 10 mm² TPT 40, 4 m 2 m, 10 mm²
014787 013629

MT 70, 6 m 2 m, 10 mm² Box 20-50A 061613
062962

CUTTER 70 CT

70 A Fe 35 mm
Al/CrNi 25 mm

GRID CUT AD IP 23 GOUGING

CNC ANALOGIC

4 m, 10 mm²
013636

MT 70, 6 m 4 m, 10 mm² + Starter Kit 70 A
013841

CUTTER 105 CT

105 A 400 V · 3 ~ Fe 50 mm
Al/CrNi 40 mm

GRID CUT AD IP 23 GOUGING

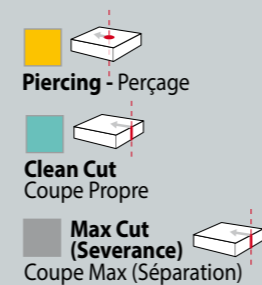
CNC ANALOGIC

4 m, 16 mm²
081093

MT 125, 6 m 4 m, 16 mm² + Starter Kit 105 A
081109

Performances with torches "MT-AT"

mm	mm												
	0.5	2	6	10	15	18	20	25	30	40	50	55	
45 A	Al/CrNi												
	Fe												
70 A	Al/CrNi												
	Fe												
85 A	Al/CrNi												
	Fe												
105 A	Al/CrNi												
	Fe												



Model	Torch	Voltage	Current (A)	Cutting Depth (mm)			INTEGRATED TECHNOLOGY					AIR SYSTEM Pressure (bar)			EN 60974-1 (40°C)			Protected & compatible power generator (9/-15%)	L x W x H cm / kg							
				Coupe max Severance cut	Coupe propre Clean cut	Perçage Piercing	Grid Cut	Gouging	Pressure Control	AD	IP23	CNC	min	max	ideal	100%	IA 60%			X% I2 max						
CUTTER 45 CT	TPT 40	230V 1~	16	15 → 45	20	15	15	10	8	6	■	—	Digital	■	■	analogic	5 bar	7 bar	5.2 bar	32 A	41 A	50%	10/25 mm ²	10.5 kW	12.5 kVA	014787 - 51 x 32 x 46 / 14.9
	MT 70	110V 1~	32	15 → 30	15	10	10	8	—	—	■	—	—	—	—	—	5 bar	7 bar	5.2 bar	17 A	21 A	25%	Ø 9 mm	—	—	013629 - 51 x 31 x 47 / 16.4
CUTTER 70 CT		230V 1~	32	15 → 45	30	20	25	15	12	10	■	■	Digital	■	■	analogic	5 bar	9 bar	5.2 (185L/min)	32 A	41 A	50%	10/25 mm ²	15 kW	—	013636 - 60 x 38 x 48 / 23.6
		110V 1~	32	15 → 30	15	10	10	8	—	—	■	■	—	—	—	—	5 bar	9 bar	5.2 (185L/min)	17 A	21 A	25%	Ø 9 mm	—	—	013841 - 60 x 38 x 48 / 27.5
CUTTER 105 CT		400V 3~	16	20 → 70	35	25	25	18	15	12	■	■	Digital	■	■	analogic	5 bar	9 bar	5.5 (305L/min)	55 A	70 A	60%	10/25 mm ²	—	—	—
		400V 3~	32	20 → 105	50	40	35	30	20	18	■	■	Digital	■	■	analogic	5 bar	9 bar	5.5 (305L/min)	80 A	105 A	60%	10/25 mm ²	30 kW	36 kVA	NC

CUTTER

PLASMA CUTTING • 1 & 3 ~

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

more p.114



3 SKATE 073593

2 SKATE 037717



4 PLASMA 600 040298



5 UNIVERSAL 800 051331



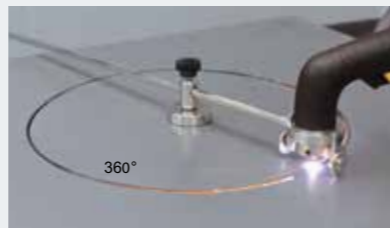
6 DIABLE JOBSITE XL 039568

EASYCUT K25	4	5	6
EASYCUT K35 PFC	4	5	6
EASYCUT 30 FV	4	5	
EASYCUT 40	4	5	
CUTTER 45 CT	4	5	
CUTTER 70 CT	6		
CUTTER 105 CT	2	3	6
NEOCUT 105	2	3	6
NEOCUT 125	2	3	6

COMPASS - Compas



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



MAGNETIC CUTTING KIT - Kit magnétique de coupe



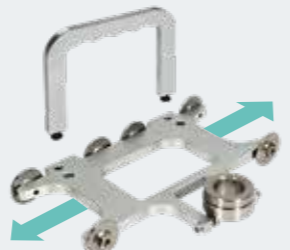
	Stainless steel cutting guide	Straight magnetic guide	Angular magnetic guide
Complete magnetic cutting kit 083660	400 mm (x2)	(x2)	(x1)
Magnetic straight cutting kit 083677	800 mm (x1)	(x1)	—
Magnetic angled cutting kit 083684	400 mm (x1)	—	(x1)



	Stainless steel cutting guide
400 mm (x5) 083707	
800 mm (x5) 083691	

GUIDING KIT - Kit de guidage

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



CUTTER 45CT

	8 mm / 10 mm	EASYFIT MANUAL	AUTO							
pack CUTTER 45CT M2 084520	•	2 m, 10 mm ²	6 m 074668 + MT 70 074583			x1	x3	x3	x1 (Ohmic)	x1
Box 20-50A 061613										
pack CUTTER 45CT M3 084537	•	2 m, 10 mm ²	12 m 074675 + MT 70 074583			x1	x3	x3	x1 (Ohmic)	x1
Box 20-50A 061613										
pack CUTTER 45CT A 062986	•	2 m, 10 mm ²		AT 70, 12 m 037533	CNC Kit 1 Analogic 039988	x1 037557	x5 037564	x5 037571	x1 (Ohmic) 037618	x1 037649

CUTTER 70CT

	8 mm / 10 mm	EASYFIT MANUAL	MANUAL	AUTO						
pack CUTTER 70CT M1 014589	•	4 m, 10 mm ²		MT 70, 6 m 037502			x1	x3	x3	x1 (Ohmic)
Box 20-70A 037540										
pack CUTTER 70CT M2 084544	•	4 m, 10 mm ²	6 m 074668 + MT 70 074583				x1	x3	x3	x1 (Ohmic)
Box 20-70A 037540										
pack CUTTER 70CT M3 084551	•	4 m, 10 mm ²	12 m 074675 + MT 70 074583				x1	x3	x3	x1 (Ohmic)
Box 20-70A 037540										
pack CUTTER 70CT A 014619	•	4 m, 10 mm ²		AT 70, 12 m 037533	CNC Kit 1 Analogic 039988	x1 037557	x5 037564	x5 037588	x1 (Ohmic) 037618	x1 037649

CUTTER 105CT

	8 mm / 10 mm	EASYFIT MANUAL	AUTO							
pack CUTTER 105CT M1 084568	•	4 m, 16 mm ²	6 m 074668 + MT 125 074606			x1 (85A) x1 (105A)	x3	x3 (85A) x3 (105A)	x1 (85A) x1 (105A)	x1 (85A) x1 (105A)
Box 85/105A 064720										
pack CUTTER 105CT M2 084575	•	4 m, 16 mm ²	12 m 074675 + MT 125 074606			x1 (85A) x1 (105A)	x3	x3 (85A) x3 (105A)	x1 (85A) x1 (105A)	x1 (85A) x1 (105A)
Box 85/105A 064720										
pack CUTTER 105CT A 084582	•	4 m, 16 mm ²		AT-125 12 m 039520	CNC Kit 1 Analogic 039988	x1 039148	x5 039155	x5 039193	x1 (Ohmic) 039445	x1 039308

NEOCUT 105

	8 mm / 10 mm	EASYFIT MANUAL	MANUAL	AUTO						
pack NEOCUT 105 M1 065871	•	4 m, 16 mm ²		MT-125 6 m 039506		037717	x1 (85A) x1 (105A)	x3	x3 (85A) x3 (105A)	x1 (85A) x1 (105A)
Box 85/105A 064720										
pack NEOCUT 105 M2 084483	•	4 m, 16 mm ²	6 m 074668 + MT 125 074606			037717	x1	x3	x3 (105A) x3 (125A)	x1 (105A) x1 (125A)
Box 105/125A 039544										
pack NEOCUT 105 M3 084490	•	4 m, 16 mm ²	12 m 074675 + MT 125 074606			037717	x1	x3	x3 (105A) x3 (125A)	x1 (105A) x1 (125A)
Box 105/125A 039544										
pack NEOCUT 105 A1 065895	•	4 m, 16 mm ²		AT-125 12 m 039520	CNC Kit 1 Analogic 039988		x1 039148	x5 039155	x5 039193	x1 (Ohmic) 039445
Box 105/125A 039544										
pack NEOCUT 105 A2 068186	•	4 m, 16 mm ²		AT-125 12 m 039520	CNC Kit 2 Digital 064737		x1 039148	x5 039155	x5 039193	x1 (Ohmic) 039445
Box 105/125A 039544										

NEOCUT 125

	8 mm / 10 mm	EASYFIT MANUAL	MANUAL	AUTO						
pack NEOCUT 125 M1 068193	•	4 m, 25 mm ²		MT-125 6 m 039506		037717	x1	x3	x3 (105A) x3 (125A)	x1 (105A) x1 (125A)
Box 105/125A 039544										
pack NEOCUT 125 M2 084506	•	4 m, 25 mm ²	6 m 074668 + MT 125 074606			037717	x1	x3	x3 (105A) x3 (125A)	x1 (105A) x1 (125A)
Box 105/125A 039544										
pack NEOCUT 125 M3 084513	•	4 m, 25 mm ²	12 m 074675 + MT 125 074606			037717	x1	x3	x3 (105A) x3 (125A)	x1 (105A) x1 (125A)
Box 105/125A 039544										
pack NEOCUT 125 A1 068216	•	4 m, 25 mm ²		AT-125 12 m 039520	CNC Kit 1 Analogic 039988		x1 039148	x5 039155	x5 039209	x1 (Ohmic) 039445
Box 105/125A 039544										
pack NEOCUT 125 A2 068223	•	4 m, 25 mm ²		AT-125 12 m 039520	CNC Kit 2 Digital 064737		x1 039148	x5 039155	x5 039209	x1 (Ohmic) 039445
Box 105/125A 039544										
pack NEOCUT 125 A3 073463	•	4 m, 25 mm ²		AT-160 12 m 067486	CNC Kit 1 Analogic 039988		x1 067509	x5 067493	x5 067554	x1 (Ohmic) 067585
Box 105/125A 039544										
pack NEOCUT 125 A4 073470	•	4 m, 25 mm ²		AT-160 12 m 067486	CNC Kit 2 Digital 064737		x1 067509	x5 067493	x5 067554	x1 (Ohmic) 067585
Box 105/125A 039544										

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



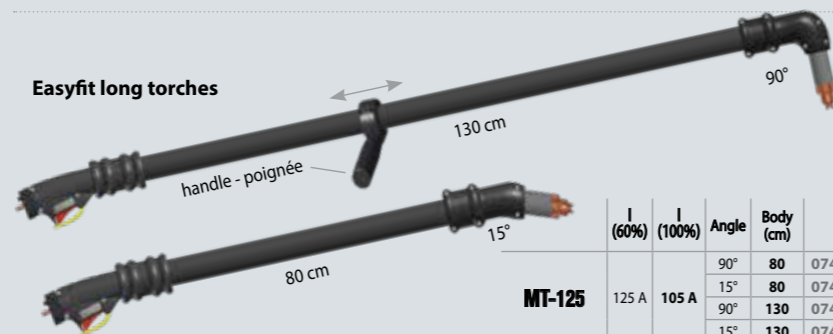
L (m)	ref
6	074668
12	074675

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

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	039223	067516	039223	039445	039308
	45 A			067516			
	65 A			067523			
	85 A			067530			
	105/125 A			067547			
	160 A			067554			

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	x3 Long 067189	x3 Long 067196	037601	x1 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	039223	
	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

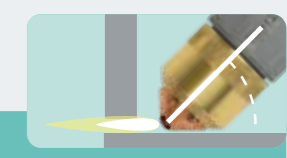
Assembly & disassembly tool - Outil d'aide à l'installation et au démontage



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 94

ACCESSORIES & CONSUMABLES 98



INDUCTION HEATING

1.2 → 5.2 kW



	10R	10R PRO
POWERDUCTION 10R	✓	✓
Flexible 800 mm 054813	✓	✓
Straight 800 mm 054868	✓	✓
SIDE		
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	✓	✓
FRONT		
Ø 18 mm ⊙ ≤ M8 079977	✓	✓
Ø 21 mm ⊙ ≤ M10 079984	✓	✓
Ø 24 mm ⊙ ≤ M12 079991	✓	✓
Ø 27 mm ⊙ ≤ M14 080003	✓	✓
Ø 30 mm ⊙ ≤ M16 080010	✓	✓



		NEW	
		37LG S90	37LG S180/B3W
included	S90 058927	✓	—
	S180/B3W 067899	—	✓



1 200 W | 230V • 1~ | AIR

POWERDUCTION 10R
(5 inductors)
062504
068643
080966

POWERDUCTION 10R PRO
(12 inductors)
080195
080300

POWERDUCTION 37LG (S90)
3 700 W | 230V • 1~
* LIQUID
056992
072510
080959

POWERDUCTION 37LG (S180/B3W)
3 700 W | 230V • 1~
* LIQUID
083387
083394

POWERDUCTION 39LG (C20/B1)
3 700 W | 230V • 1~
PFC * LIQUID
058583

POWERDUCTION 39LG (S90)
3 700 W | 230V • 1~
PFC * LIQUID
080027

POWERDUCTION 50LG
5 200 W | 230V • 1~
PFC * LIQUID
055599

OPTIONS 10R

Decal - Décollage - Entkleben
066601

Loosening - Dégrripper - Lockerung
079472



OPTION 37LG

Cable hanger - Cable support
052284



OPTION 50LG

Protection cover - Housses de protection - Schutzhaube
062733



MADE IN FRANCE	A	W	kHz	P400	PFC	Liquid Cooling	Cable L (m)	Inductor	Heating			Protected & compatible power generator (+/-15%)	L × W × H cm / kg	L × W × H cm / kg
									⊙	⊘	⊘			
POWERDUCTION 10R / 10R PRO	230V, 1~ 50/60 Hz	10 mini	1200	45+80	—	—	2	1.5	M10 → 1 s	2 mm → 5 s	Ø8 → 10 s	1.5 kW	062504 - 42 × 17 × 37 / 5.4 080195 - NF	062504 - 21 × 10 × 15 / 3.3 080195 - NC
POWERDUCTION 37LG	230V, 1~ 50/60 Hz	16 mini	3700	15+30	—	1.5	2	2	M10 → 1 s	2 mm → 5 s	Ø10 → 15 s	4 kW	60 × 34 × 33 / 14.5	56 × 26 × 29 / 13
POWERDUCTION 39LG (C20/B1) / (S90)	230V, 1~ 50/60 Hz	16 mini	3700	20+60	■	71	6	3	M12 → 1 s	2 mm → 5 s	Ø10 → 15 s	4 kW	058583 - 81 × 38 × 59 / 52 080027 - NF	058583 - 46 × 36 × 70 / 46.5 080027 - NC
POWERDUCTION 50LG	230V, 1~ 50/60 Hz	25 mini	5200	20+60	■	71	8	3	M14 → 1 s	2 mm → 3 s 4 mm → 5 s	Ø10 → 10 s	6 kW	80 × 60 × 60 / 71	46 × 43 × 75 / 58



INDUCTION HEATING 11 → 22 kW

		110LG L90	110LG L20/B4
32L	064515	✓	✓
L90	059788	✓	—
L20/B4	067882	—	✓

NEW



included removable handle 068599

4 m

READY TO USE
Liquid included

POWERDUCTION 110LG (L90) POWERDUCTION 110LG (L20/B4)

11 000 W 400 V • 3~ 11 000 W 400 V • 3~

LIQUID LIQUID

058590 083400

NEW

POWERDUCTION 110LG (L90) 208-240V

11 000 W 208-240 V • 3~

LIQUID

065246



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

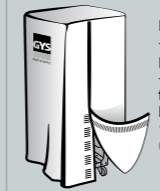


Cooling liquid
for
POWERDUCTION

2 L 082212
5 L 062511
10 L 052246



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



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



055490

		160LG L90	160LG L20/B4
32L	064515	✓	✓
L90	059788	✓	—
L20/B4	067882	—	✓

NEW



included removable handle 068599

6 m

READY TO USE
Liquid included

POWERDUCTION 160LG (L90) POWERDUCTION 160LG (L20/B4)

16 000 W 400 V • 3~ 16 000 W 400 V • 3~

LIQUID LIQUID

057814 083417

NEW

POWERDUCTION 160LG (L20/B4) 208-240 V

16 000 W 208-240 V • 3~

LIQUID

065253



included removable handle 068599

6 m
or
10 m

READY TO USE
Liquid included

POWERDUCTION 220LG

22 000 W 400 V • 3~

LIQUID

6 m cable :
066861

10 m cable :
074576

OPTION

Powerduction 160/220 LG over hanging arm-pulley
- Équilibreur Powerduction 160/220 LG

079441



t° POWER HEAT CONTROLLER

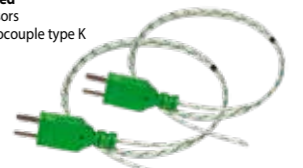
t° CONTROL
80>350°C (210>660°F)



5,5m

POWER HEAT CONTROLLER
061644

Included
T° sensors
thermocouple type K
x2



Compatibility

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

OPTION



Pyrometer IR
for inductor L90

1.1 m
064119

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	Cable L (m)		Heating		Protected & compatible power generator (+/-15%)		
						Inductor	Inductor	Inductor	Inductor	Inductor	Inductor	
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

* = original equipment	S90 058927	S70 061569	S180 059269	S20/B1 (20°) 064874	S180/B1 064881	S180/B3W 067899
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		

DIFFICULT ACCESS ADAPTERS		
	✓ with adapter 180/B1 ✓ with adapter 180/B2 ✓ with adapter 180/B3W	✓ with adapter S180 HEAT TUBE D37 ✓ with adapter S180 HEAT TUBE D40 ✓ with adapter S180 HEAT TUBE D50

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

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

Trolley for inductor for adapter 32L Chariot pour inducteur pour adaptateur 32L 075955	
	4 to 8 wheels

Ferrites - Ferrites - Ferritaufsatz	Protection - Protection - Schutz
B1 053823	B1 056909
B1 (x5) 079380	B2 056916
B2 053458	B3 072527
B3 067875	B4 054844
B4 053755	Spiral 069701
B5 079489	

Glue kit for inductor Kit de colle pour inducteur 075948	
	Colle-Stick bi-composants Power Epoxy 150°C 054851

LARGE Ø32

INDUCTORS

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

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

Pre-heating & Fretting - Préchauffage et Frettage	
> 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

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

ADAPTERS	
	28L M28 Ø32 064492
	32L M32 Ø32 064515
39 & 50 LG	✓ 28L M28 Ø32
110, 160 & 220 LG	✓ 32L M32 Ø32

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 102

GYSTUD ARCPULL 104

ACCESSORIES & CONSUMABLES 106



STUD WELDING CD CAPACITOR DISCHARGE

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

Adjustable force

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



example : G1 GUN

Chuck M6 included

Integrated counter

incremental or decremental



Smart LED light

Ready
Perfect positioning

Alert
Charging capacitors,
wrong parameters
or error

Studs count reached

Adjustable lift

G1 GUN only



Solenoid inside

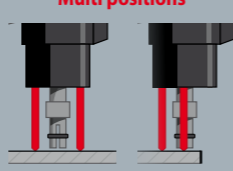
1 > 5 mm

More accessibility

High stability

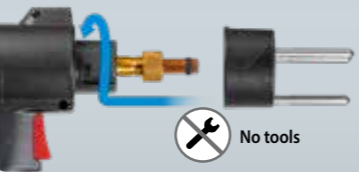


Multi positions



ideal for sheet metal edges

Smart lock/unlock system

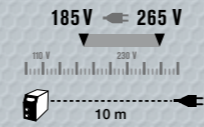


No tools

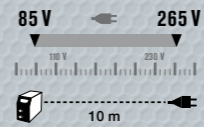
Ultra light



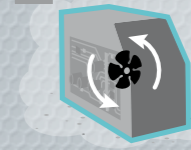
PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE



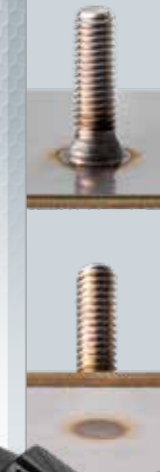
AD ANTI-DUST



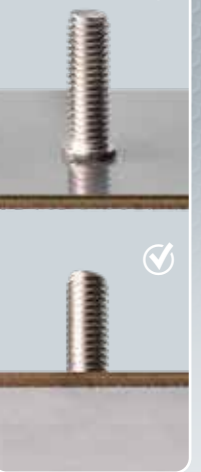
Clean appearance

Minimal penetration
No marks
No distortions

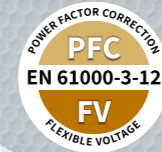
Basic process



Capatek



example : stainless steel



OPTION



Universal 800
051331

Ø max
8 mm

Separated gun

GYSTUD CAPATEK 66 FV

110 > 230V • 1 ~

66 mF

P400 PFC FV AD



+ G1 GUN
3 m, 25 mm²
+ Double earth clamp
2 m, 50 mm² /
2 x 1 m, 25 mm²

081000



+ C1 GUN
4 m, 25 mm²
+ Double earth clamp
2 m, 35 mm² /
2 x 2 m, 16 mm²

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	1	2	3	■	■	■	■	■	■	■	■
C1 GUN	—	Contact	1	2	—	—	—	—	—	—	—	—	—



CHUCKS
HOLDER
BOX
080935

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

CENTRING KITS

Ideal for use with a jig
Smart lock / unlock system

Open nozzle
083127



Anti-spatter,
noise suppression
083110



MADE IN FRANCE 60974-1	50/60 Hz	I ₂ A	SYNERGIC	TECHNOLOGY		U ₂ V	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	13 000 A	3 m 4 m	6, 40 mm	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



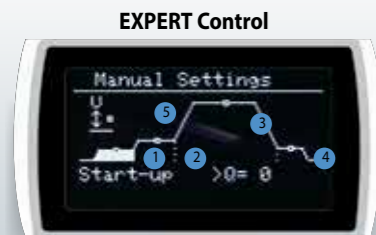
MANUAL

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



SYNERGIC

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



EXPERT Control

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

SYNERGIC DIGITAL GUNS

★ ★ ★ ★ ★
**UNIQUE
Linear Motor**

DRAWN ARC PROCESS
Gas protection



Consumables for Gun
x2
059627

∅ max
Alu/Fe:
8 mm

GYSTUD ARC PULL 350 INDUSTRY

208 · 240V · 1~

350 A ×1 MANUAL

PFC SR AD



062191



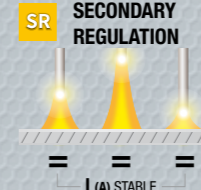
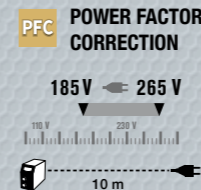
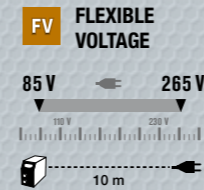
082946



NEW FAMILY NAME GYSPOT ARCPULL ↓ GYSTUD ARCPULL

old name
GYSPOT ARC PULL 350

PFC
EN 61000-3-12
POWER FACTOR
CORRECTION



old name
GYSPOT ARC PULL 700 INDUSTRY



Ideal
all position

∅ max
Alu: 10 mm
Fe: 13 mm

GYSTUD ARC PULL 700 INDUSTRY

380 · 480V · 3~

680 A ×1 MANUAL

SR IP 23



062207

OPTIONS



15L/min
(FR) 041998
(UK) 040274
(NL) 040267
(IT) 038691



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



Weld 810
for ARC PULL
350
037489



Weld 910
for ARC PULL
700
070967

MADE IN FRANCE 60974-1	50/60 Hz	I ₂ A	SYNERGIC	TECHNOLOGY			U ₂ V	+AM- A	kW	L x W x H cm /kg	cm	ArcPull kg	ArcPull + gun kg
				Acier/Steel	Alu	Consumables							
GYSTUD ARC PULL 350	208 · 240V	6 m	10 · 350	Manual + Digital Gun Motion Control	20 · 100 mm	20.4 · 34V	16	11.9	48 × 36 × 30 / 17.4	23 × 31 × 28	11 kg	14.3 kg	
GYSTUD 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	60 × 34 × 46 / 25.5	32 × 32 × 41	17.4 kg	20.4 kg	

GYSTUD ARC PULL 350



Earth terminals
- Plots de masse
- Massestifte
- Puntos de masa
- Piastrini di contatto
x2
059627

Threaded rod support
- Support porte-goujon
- Gewindebolzenan-
schweißaufsatz
- Soporte de pernos
- Supporto porta
059634

1 Standard

2

3

2 Difficult access

2

Long open steel shroud
- Canon long ouvert acier
- Hülse lang offen stahl
- Cañón largo abierto de acero
- Canna lunga aperta acciaio
070806

Long solid steel/aluminium shroud
- Canon long fermé acier/alu
- Hülse lang geschlossen stahl/alu
- Cañón largo cerrado de acero/aluminio
- Canna lunga chiusa acciaio/alluminio
070790

1 + 2 + 3
Slide, nozzle and
gas protective
cover
059641

350
CONSUMABLES
700

Adaptor for ceramic ferrules Ø6 + Ø8
075979

350 BOXES

STEEL STUDS BOX 350
059443



Steel-Acier-Stahl

	x1
	x1
	x1
	x1
	x1
	x100
	x100
	x100
	x100
	x100

ALU STUDS BOX 350
059436



Alu

	x1
	x1
	x1
	x1
	x1
	x1
	x100
	x100
	x100
	x100

STUDS HOLDER BOX 350
064591



	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1

DIFFICULT ACCESS BOX 350
070813



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	x1

GYSTUD ARC PULL 700



Threaded holder
- Porte goujon
- Anschweiß-gewindebolzen
- Portador de pernos
- Porta perno
3

Shear connectors holder
- Porte ancre à béton
- Betonanker-halter
- Porta-anclaje de concreto
- Porta ancora per cemento
4

Standard

Standard ceramic support earth legs
- Fourche pour support standard de céramique
- Horquilla para portador estandar de cerámica
- Forcella per supporto standard ceramica
068582

Grip

Ceramic claw support earth legs
- Fourche pour support griffe de céramique
- Horquilla para portagarras de cerámica
- Forcella per supporto gancio ceramica
068575

Gas

Gas-protected guide
- Fourche à protection gazeuse
- Horquilla de protección de gas
- Forcella con protezione gassosa
068346

700
CONSUMABLES
350

Universal adaptor for
mandrel
077492



700 BOXES

Complete stand ceramic ferrule
Standard 700
068322



	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1

Complete stand ceramic ferrule
Grip 700
068339



	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1
	x1

ACCESSORIES

for GYSTUD ARC PULL 350

1 Standard

	x1	064065
	x1	072251
	x2	049000
	x1	048157
	x1	048164
	x1	064041
	x1	064058

2 Difficult access

	x1	070752
	x1	070769
	x1	070776
	x1	070783

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

for GYSTUD ARC PULL 700

3

	x1	076167
	x1	076174
	x1	068391
	x1	076181
	x1	068407
	x1	068414
	x1	068421

4

	x1	068438
	x1	075634

5

	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445
	x1	068445

6

	x1	068353
	x1	068360
	x1	068377
	x1	068384

7

	x500	068520
	x500	068537
	x500	065680
	x500	065697

CONSUMABLES

Steel-Acier-Stahl

	x100	041561
	x100	072244
	x100	064034
	x100	063990
	x100	064003
	x250	065642

	x100	059603
	x100	049383
	x100	063969
	x100	063976

	x100	049383
	x100	049420

	x500	068506
	x500	068513
	x500	065659
	x500	065673

Alu AlMg3

	x100	059573
	x100	059580
	x100	059597
	x100	063983
	x100	064010
	x100	064027

Inox

	x500	068469
	x500	068476
	x500	068483
	x500	068490
	x100	064607



VALIDATION SET

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 ²	033689
5 m	95 mm ²	032439
10 m	95 mm ²	032446
20 m	95 mm ²	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 chinks
- 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/+600°C,
-58/+1112°F
079922



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

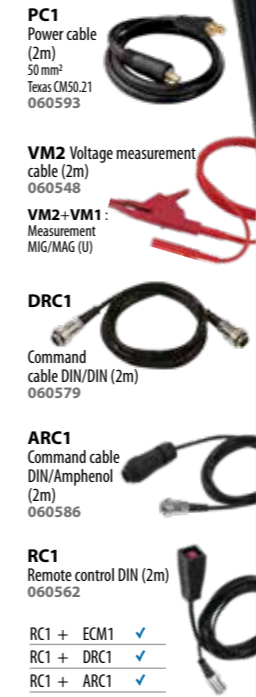


VALIDATION/CALIBRATION SET - Valise d'étalonnage - Kalibrierungsset

GCU 1.0
060456

Included connections

- VM1** Voltage measurement cables (2m) 060531
- PC1** Power cable (2m) 50 mm² Texas CM50.21 060593
- VM2** Voltage measurement cable (2m) 060548
- VM2-VM1** Measurement MIG/MAG (U)
- GM1** Gas measurement (2m) 060555
- DRC1** Command cable DIN/DIN (2m) 060579
- ARC1** Command cable DIN/Amphenol (2m) 060586
- USB1** USB 2.0 cable (1.5m) 060609
- RC1** Remote control DIN (2m) 060562



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

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

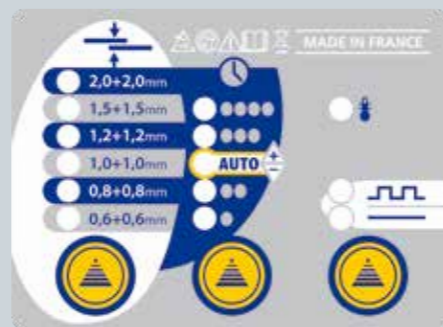
- ECM1** 060524
- ECM1+VM1**: Measurement MIG/MAG (U // I / ⊗ / Gas)
- Wire Speed Meter** - Tachymètre vitesse fil - Geschwindigkeitsmesser 060517

Packs Caliweld

PACK	Code	Connections included	060524	060425	060647	060517
PACK Complete Calibration	060630	connections included	060524	060425	060647	—
PACK Calibration	060654	connections included	060524	—	—	—
PACK Tracking Calibration	060661	connections included	—	—	—	060517



RESISTANCE SPOT WELDER



PORTASPOT 230

230 V • 1 ~
6 300 A 120 daN

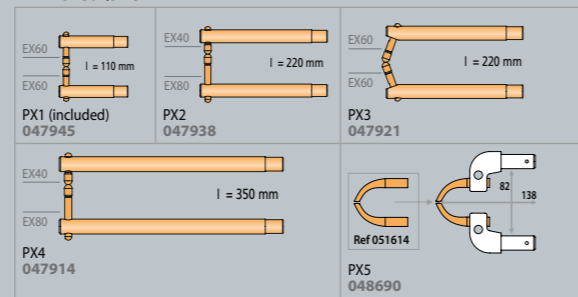
delivered with PX1 :
 022256



50/60 Hz	RMS	MAX	Uo	Cable	100% CU	L x W x H cm / kg
1x 230V	6 300	8 900	2+2	2.5	OK	40.5 x 18 x 21.5 / 11.3

OPTIONS

ARMS Cu Ø23mm



ELECTRODES



CAPS & ACCESSORIES



POWER SOURCE EQUIPMENT

HEAVY DUTY CASES	111
COOLING UNITS	112
REMOTE CONTROL	113
TROLLEYS	114

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
 ✓ 180 LA
 ✓ 183 E
 ✓ 200A PFC
 ✓ 200E FV CEL

for PROTIG :
 ✓ 160 DC Lift
 ✓ 161 DC

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 PROGYS :
 ✓ 160 LA
 ✓ 180A
 ✓ 180 LA
 ✓ 183 E
 ✓ 200A PFC
 ✓ 220 FV CEL
 ✓ 230E FV CEL
 ✓ 250 TRI

for PROTIG :
 ✓ 160 DC Lift
 ✓ 161 DC
 ✓ 231 DC
 ✓ 200 DC
 ✓ 250 DC TRI
 ✓ 200 AC/DC
 ✓ 201 AC/DC

64 x 52 x 31 cm / 10.6 kg
 077461



IP67



✓ EASYCUT K25

COOLING UNITS

GROUPES FROIDS - KÜHLAGGREGATE - GRUPOS DE REFRIGERACIÓN

Cooling liquid (not included)



COMPATIBILITY

TIG	ALL TIG 1~	9 10	MIG	ALL MIG 1~	9 10
	TIG 300 DC	1		NEOMIG-i 400G	4 7
	TITAN 231 DC FV	3		NEOMIG-i 500G	4 7
	TITAN 321 DC TRI	3		EXAGON CC/CV	6
	TITAN 400 DC TRI	2		NEOPULSE 320C	2
	KRYPTON 401 DC	5		NEOPULSE 400G	7 8
	TITANIUM 230 AC/DC FV	3		NEOPULSE 500G	7 8
	TITANIUM 320 AC/DC	5			
	TITANIUM 400 AC/DC	2			

DEDICATED UNITS / GROUPES DÉDIÉS

50/60 Hz

1

WCU 1kW B
400 V / 3~, 1000 W, 3 L
032217



↓ 54 x 24 x 26 cm / 16 kg
⊗ 64 x 35 x 37 cm / 18 kg

2

WCU 1kW C
400 V / 2~, 1000 W, 5.5 L
013537



↓ 72 x 30 x 24 cm / 17 kg
⊗ 80 x 36 x 35 cm / 19 kg

3

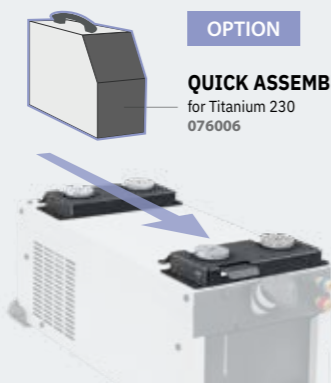
KOOLWELD 1
24 V DC, 800 W, 3 L
070820



↓ 62 x 26 x 23 cm / 16 kg
⊗ 65 x 36 x 32 cm / 18 kg

OPTION

QUICK ASSEMBLY
for Titanium 230
076006



4

KOOLWELD 2
400 V / 2~, 890 W, 5.5 L
075115



↓ 72 x 30 x 24 cm / 18 kg
⊗ 80 x 36 x 35 cm / 20 kg

5

KOOLWELD 3
400 V / 2~, 1000 W, 5.5 L
083363



↓ 72 x 30 x 24 cm / 18 kg
⊗ 80 x 36 x 35 cm / 20 kg

6

EXACOOOL
400 V / 2~, 1000 W, 5.5 L
032422



↓ 72 x 30 x 24 cm / 18 kg
⊗ 80 x 36 x 35 cm / 20 kg

7

NEOCOOL
400 V / 2~, 1000 W, 5.5 L
032750



↓ 72 x 30 x 24 cm / 17 kg
⊗ 80 x 36 x 35 cm / 20 kg

8

TWINCOOL
400 V / 2~, 1000 W, 5.5 L
065086



↓ 72 x 30 x 24 cm / 19 kg
⊗ 80 x 36 x 35 cm / 20.5 kg

9

MULTICOOL 500
230 V / 1~, 500 W, 1.5 L
069206



↓ 46 x 24 x 16 cm / 8 kg
⊗ 61 x 27 x 29 cm / 9 kg

10

MULTICOOL 1300
230 V / 1~, 1300 W, 7 L
036628



↓ 70 x 28 x 32 cm / 19 kg
⊗ 78 x 36 x 37 cm / 22 kg

UNIVERSAL UNITS / GROUPES UNIVERSELS

50/60 Hz



for double wire feeder

ON/OFF

ON/OFF

Flow sensing safety DIN cable

2m



REMOTE CONTROL

COMMANDE À DISTANCE - FERNSTEUERUNG - MANDO A DISTANCIA

COMPATIBILITY

MMA	PROGYS 230E FV CEL	4 6
	PROGYS FLEX 280 CEL	4 6
	PROGYS 250 TRI	4 6
	PROGYS 300 TRI	4 6
	PROGYS 400 TRI	4 6
	EXAGON 400 CC/CV	4 6
EXAGON 400 FLEX CC/CV	4 6	

TIG	PROTIG 231 DC	4 6
	PROTIG 231L DC	4 6
	PROTIG 250 DC TRI	4 6
	TIG 300 DC	4 6
	TITAN 231 DC FV	4 6 7*
	TITAN 321 DC TRI	4 6 7*
	TITAN 400 DC TRI	4 6 7
	KRYPTON 401 DC	5 8
	PROTIG 201 AC/DC	4 6
	PROTIG 201L AC/DC	4 6
TIG 250 AC/DC	4 6	
TITANIUM 230 AC/DC FV	4 6 7*	
TITANIUM 320 AC/DC	5 8	
TITANIUM 400 AC/DC	2 4 6 7	

MIG	KRONOS 400T G	8*
	KRONOS 400T GW	8*
	NEOMIG-i 400 G	8*
	NEOMIG-i 500 G	8*
	EXAFEEED 4L	3
	NEOFEEED 4W	3 7
	GALAXY 400TG	8*
	GALAXY 400T GW	8*
	GALAXY 400T Duo	8*
	NEOPULSE 320 C	3 7*
NEOPULSE 400 CW	3 7*	
NEOPULSE 400 G	7*	
NEOPULSE 500 G	7*	

PLASMA	CUTTER 45 CT	1
	CUTTER 70 CT	1
	CUTTER 105 CT	1
	NEOCUT 45	1
	NEOCUT 105	1
NEOCUT 125	1	

7*: + Kit NUM-1 necessary (063938)
8*: + Kit NUM-3 necessary (081246)



1

RC-PLASMA
⊗ 27 x 20 x 8 cm / 1.2 kg
069596

ON/OFF



2

RC-MMA/DEGAUS
⊗ 29 x 13 x 27 cm / 2 kg
066496

POLARITY +/- (I)%
ON/OFF



3

RC-HA2
⊗ 29 x 24 x 9 cm / 2.3 kg
047679

m/min (U)%



4

RC-MMA/TIG-FA1
⊗ 27.7 x 21.2 x 14.4 cm / 1.4 kg
4m 045682

045699



5

RC-MMA/TIG-FA2
⊗ 27.7 x 21.2 x 14.4 cm / 1.4 kg
4m 083356

046238

NEW



6

RC-MMA/TIG-HA1
⊗ 28.5 x 23.5 x 10 cm / 0.9 kg
8m 045675

50% ↔ 100% (I)%

⊗ 27.5 x 20 x 8 cm / 1.5 kg
20m 066625

RC-HD

OPTIONS

7

RC-HD2
↓ 1.8 kg ⊗ 36 x 27 x 21 cm / 2.7 kg
062122



SOFTWARE UPDATE



command cable not included

HD2 COMMAND CABLE



2.8 m 063907
6 m 063914
11 m 036925

MAGNETFIX 50

029637



8

RC-HD3
↓ 1.8 kg ⊗ 36 x 27 x 21 cm / 2.7 kg
079700



SOFTWARE UPDATE



command cable not included

HD3 COMMAND CABLE



2 m 079717
6 m 079724
10 m 079731

Fixing kit 2

for trolley T/M 400A
037779



COMPATIBILITY

MMA	PROGYS FLEX 280 CEL	6 15
	PROGYS 250 TRI	6 7 8 11 12 13 15
	PROGYS 400 TRI	6 14 17 18
	EXAGON 400 CC/CV	6 14 16 17 18
	EXAGON 400 FLEX CC/CV	6 16 17 18
TIG	PROTIG 160 DC LIFT	6 7 8 9 10
	PROTIG 161 DC	6 7 8 9 10 15
	PROTIG 200 DC	6 7 8 11 12 14 15
	PROTIG 231 DC FV	6 7 8 12 14 15 17
	PROTIG 231L DC PFC	6 7 8 12 14 17
	PROTIG 250 DC TRI	6 7 8 11 12 13 14 15
	TIG 300 DC	6 8 10 11 12
	TITAN 231 DC FV	6 8 12 14
	TITAN 321 DC TRI	6 8 14 17
	TITAN 400 DC	2 3 6 17 18
	TITAN 400 DC + WCU	2 3 16 17 18
	KRYPTON 401 DC	3 6 16 17
	PROTIG 200 AC/DC	6 7 8 9 10 11 14 15
	PROTIG 201 AC/DC	6 7 8 9 10 11 12 14 15
	PROTIG 201L AC/DC	6 7 8 9 10 11 12 13
TITANIUM 230 AC/DC	8 12 14	
TITANIUM 320 AC/DC	3 6 16	
TITANIUM 400 AC/DC	3 6 16	
MIG	WS-4R	1
	WS-4L	1
	MULTIWELD 200M-C	14
	MULTIWELD 250T-C	14
	MULTIWELD FV 220M-C	14
	MULTIWELD (all -C)	11 12
	MULTIWELD (all T-C)	6 12 16
	MULTIPEARL 210-2	6 9 10 11 12 14 15
	MULTIPEARL 210-4 XL	6 9 10 11 12 14
	NEOMIG-i 400 G (+KOOLWELD 2)	16 17
	NEOMIG-i 500 G (+KOOLWELD 2)	16 17
	EXAGON 400 CC/CV	6 16 17 18
	EXAGON 400 FLEX CC/CV	6 16 17 18
	EXAGON 400 + EXACCOOL + EXAFEED	16 18
	NEOPULSE 220 C	6 11 12
NEOPULSE 220 C XL	6 11 12	
NEOPULSE 320 C	6 12 16 17 18	
NEOPULSE 320 C + WCU	2 3 16 17 18	
NEOPULSE 400 G (+NEOCOOL)	16 18	
NEOPULSE 500 G (+NEOCOOL)	16 18	
I	POWERDUCTION 37 LG	5
PLASMA	EASYCUT K25	4 5 6
	EASYCUT K35F	4 5 6
	EASYCUT K35 PFC	4 5 6
	EASYCUT 30 FV	4 5
	EASYCUT 40	4 5
	CUTTER 45 CT	4 5
	CUTTER 70 CT	6 14
	CUTTER 105 CT	2 3 6
	NEOCUT 45	4 5
	NEOCUT 105	2 3 6 14
	NEOCUT 125	2 3 6

SKATES

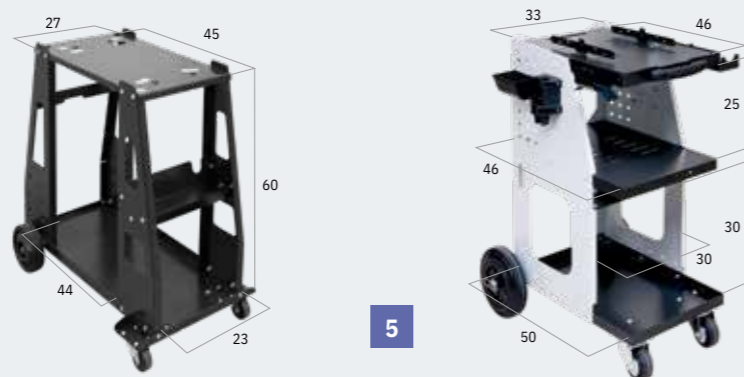


1 SKATE 040977
↓ 8 kg ⊗ 71 x 35 x 10 cm / 8.3 kg

2 SKATE 037717
↓ 8 kg ⊗ 70 x 35 x 10 cm / 8.3 kg

3 SKATE 073593
↓ 7.2 kg ⊗ 70 x 35 x 10 cm / 7.6 kg

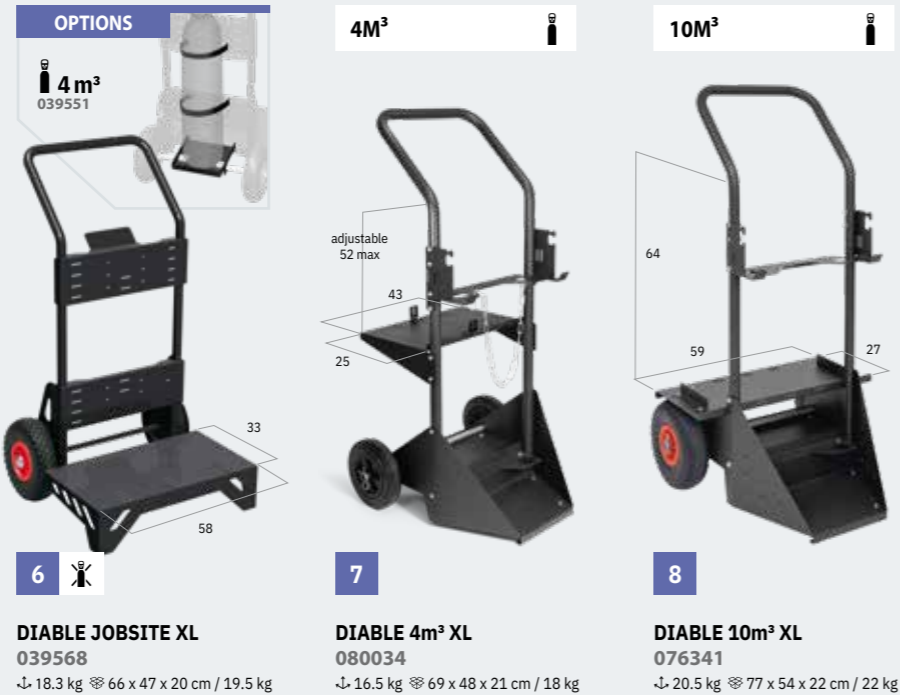
PLASMA



4 PLASMA 600 040298
↓ 8.2 kg ⊗ 63 x 30 x 10 cm / 8.8 kg

5 UNIVERSAL 800 051331
↓ 16.7 kg ⊗ 79 x 39 x 18 cm / 18 kg

SACK TRUCK

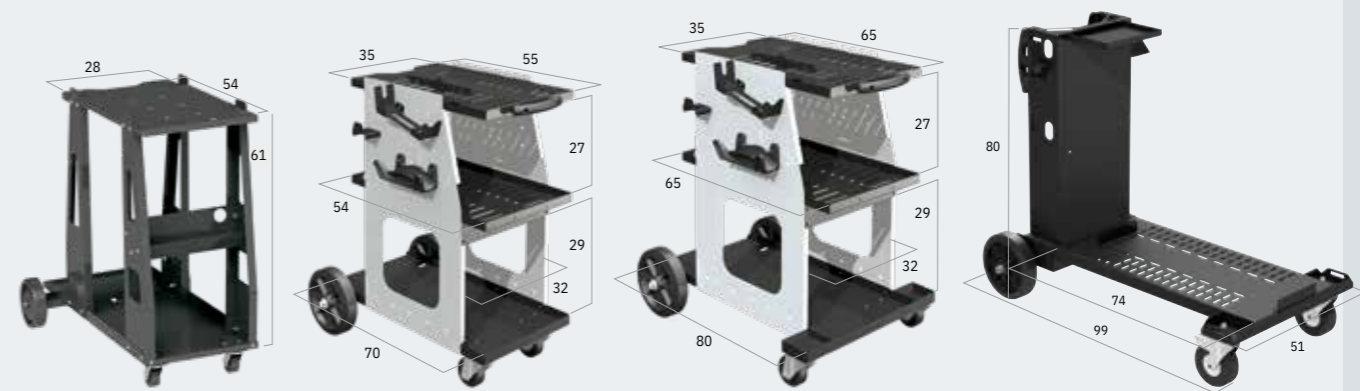


6 DIABLE JOBSITE XL 039568
↓ 18.3 kg ⊗ 66 x 47 x 20 cm / 19.5 kg

7 DIABLE 4m³ XL 080034
↓ 16.5 kg ⊗ 69 x 48 x 21 cm / 18 kg

8 DIABLE 10m³ XL 076341
↓ 20.5 kg ⊗ 77 x 54 x 22 cm / 22 kg

4M³



9 WELD 610 040281
↓ 9.5 kg ⊗ 79 x 30 x 13 cm / 10.5 kg

10 WELD 810 037489
↓ 20 kg ⊗ 80 x 51 x 14 cm / 21.6 kg

11 WELD 910 070967
↓ 25.2 kg ⊗ 80 x 52 x 22 cm / 26.9 kg

12 4m³ L 071568
↓ 22.5 kg ⊗ 98 x 37 x 24 cm / 24 kg

1M³



13 WELD COMFORT 083806
↓ 12.5 kg ⊗ 72 x 31 x 10 cm / 13.1 kg

1M³



14 WELD PRO 083844
↓ 22 kg ⊗ 59 x 39 x 39 cm

10M³



15 10m³-XL/TM1 041257
↓ 24.5 kg ⊗ 99 x 37 x 23 cm / 26 kg

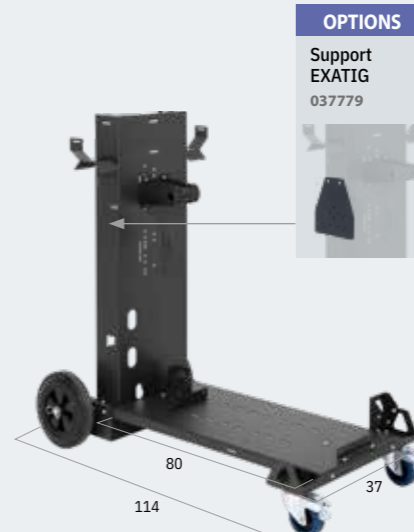
1M³



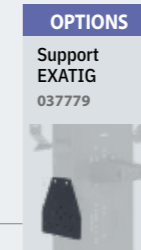
16 T/M 400 A 037328
↓ 41.8 kg ⊗ 113 x 40 x 38 cm / 44.5 kg



1M³



17 10m³ L 075498
↓ 34.2 kg ⊗ 119 x 40 x 28 cm / 36.5 kg



10M³



18 10m³ L + WIRE FEEDER SUPPORT 077522
↓ 43.8 kg ⊗ 119 x 40 x 28 cm / 46.2 kg

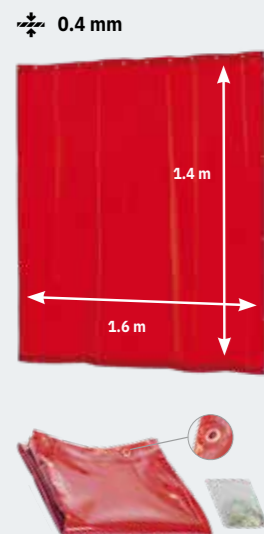
16*: Only compatible with MIG LIFT PRO option



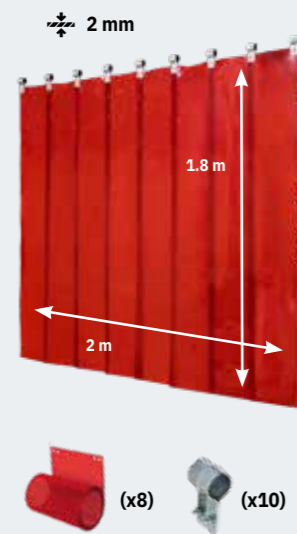
+

INDIVIDUAL PROTECTIONS

WELDING HELMETS	118
BODY PROTECTION	126
AREA PROTECTION	128
FUME EXTRACTION	129



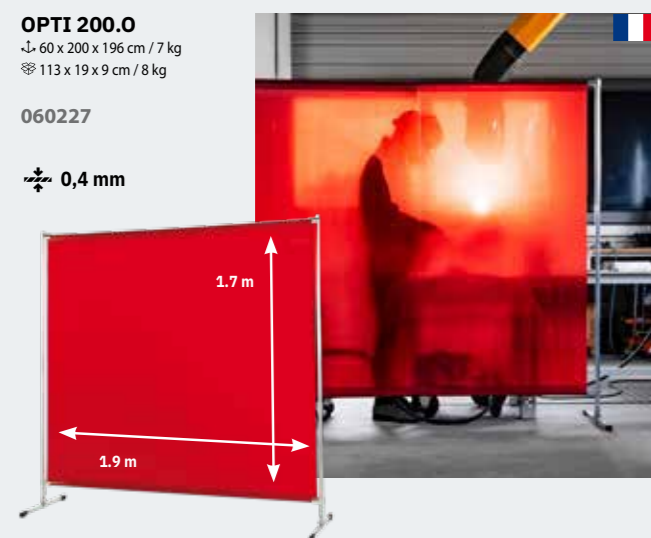
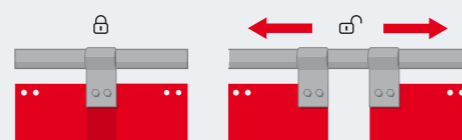
OPTI 140.0
 ↓ 160 x 140 cm / 1.3 kg
 ⊗ 4 x 30 x 41 cm / 1.4 kg
 060487



OPTI STRIPS
 ↓ 30 x 180 cm (x8)
 ⊗ 60 x 34 x 19 cm / 11.5 kg
 061514

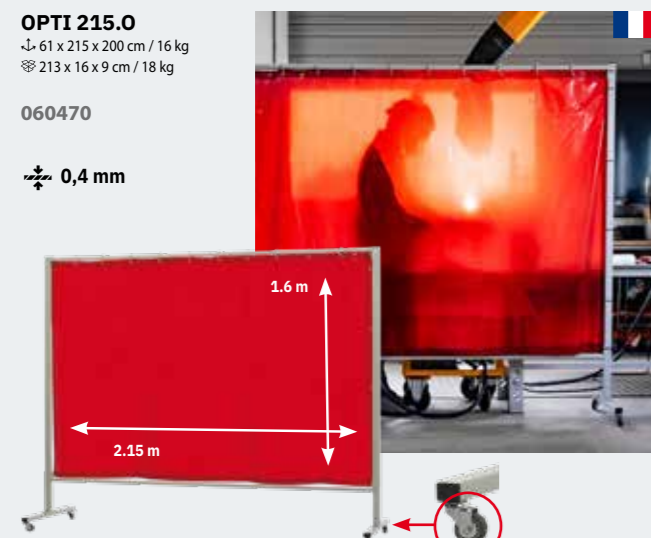
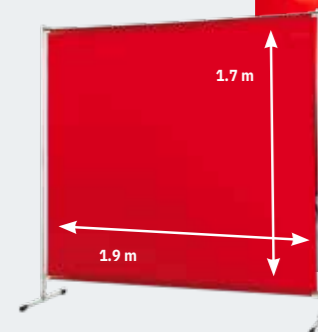


OPTI ROLL
 ↓ 5000 x 30 cm / 34 kg
 ⊗ 39.5 x 39.5 x 30 cm / 34.2 kg
 ● 061521
 ● 061538



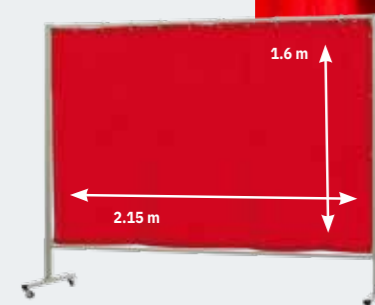
OPTI 200.0
 ↓ 60 x 200 x 196 cm / 7 kg
 ⊗ 113 x 19 x 9 cm / 8 kg
 060227

0,4 mm



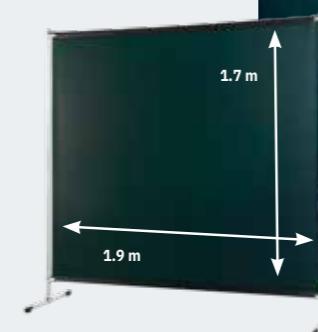
OPTI 215.0
 ↓ 61 x 215 x 200 cm / 16 kg
 ⊗ 213 x 16 x 9 cm / 18 kg
 060470

0,4 mm



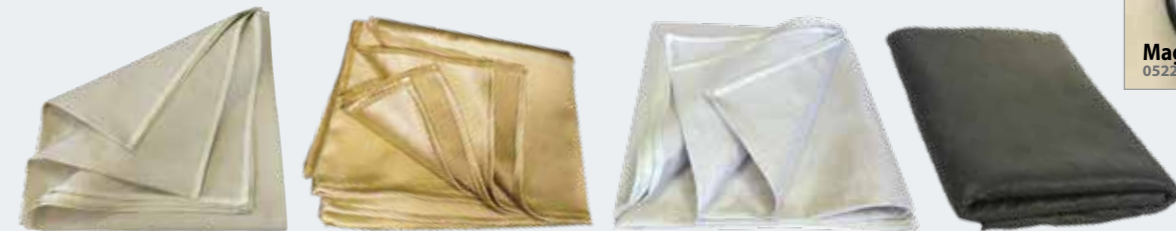
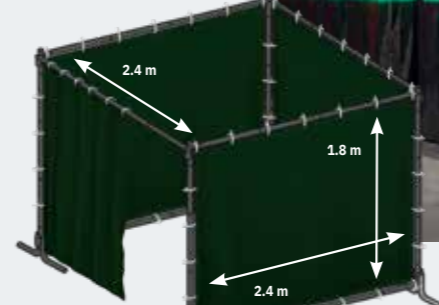
OPTI 200.G
 ↓ 60 x 200 x 196 cm / 7 kg
 ⊗ 113 x 19 x 9 cm / 8 kg
 060463

0,4 mm



OPTICAB 240
 ↓ 245 x 320 x 192 cm / 32 kg
 ⊗ 96 x 30 x 30 cm / 35 kg
 ● 075351
 ● 060616

0,4 mm



Magnet (x2)
052291

	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

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

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

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



EVO 2.1 RE

Patented - Breveté

- 230V 1~
- 50 Hz
- 1100 W
- 1200 m³/h max
- occasional
- arm 3 m
- included
- 85 kg

⊗/⊠ 96 x 95 x 162 cm / 114 kg
061552

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

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



WELDING BOOTH

- Cabine de soudage - Schweißstand



Compact
 ⊗/⊠ 56 x 43 x 20 cm / 13.6 kg
 060173



⊗/⊠ 102 x 57 x 27 cm / 58.5 kg
060050

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



Steel/Stainless steel - Acier/Inox - Stahl/Edelstahl

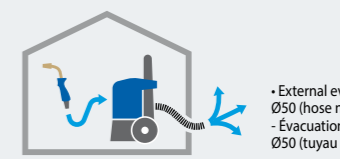
	AIR	LIQUID		
	150 A	250 A	350 A	500 A
original equipment	M6	M6	M8	M8
Ø	Ø0.8	Ø1.0	Ø1.2	Ø1.2
X % 40°C ArCo₂	150A 60%	200A 60%	290A 60%	380A 100%
GRIP	GRIP	GRIP	GRIP	GRIP
L	3m	3m	4m	4m
Ref.	043251	040540	040557	040564



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)
 - Evacuation extérieure
 Ø50 (tuyau non inclus)



+ ACCESSORIES

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



DIY

for Ø 6
for Ø 5

For disposable bottle - Pour cartouche de gaz - Für Einweggasflaschen (Argon/CO2) 041639

Ø 9,8 = 1/8" gas

Pro

for Ø 6
for Ø 5

Ø > 12 L/min

FR/ES/PT	041820
DE	041820

Industrial

Rubber for maximum protection

Regulator

OPTIMAPRO Ø 30 L/min (Argon/CO2) for Ø 6

FR/ES/PT	041622
DE	041219
UK	041646
NL	041615
IT	038707

DISPOSABLE BOTTLES - Bouteilles de gaz jetables - Einweggasflaschen

	composition %		material	L	ref.
	Ar	CO2			
	80	20	Steel - Acier - Stahl	1.8 (150L)	043664
	80	20	Steel - Acier - Stahl	2.2 (220L)	043671
	100	—	Alu	2.2 (220L)	043688

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

GAS PREHEATER - Préchauffeur de gaz - Gasvorwärmer

for CO2 pur or CO2/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

GAS CONNECTOR - Raccords Gaz - Gasanschlüsse

Gas connection set + 2 clamps 5 m 045316

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

1.5 m 066670
4 m 046269
x m max 40 m 046276

WIRE BRUSHES - Brosses - Bürsten - Brosses - Cepillos

20

70
110

x15 / Ø4mm

Steel - Acier - Stahl - Acero - Staal - Aço (x1) 044166

30

147
135

x58 / Ø3mm

Steel - Acier - Stahl - Acero - Staal - Aço (x1) 044241 (x24) 044265

Stainless - Inox - Edelstahl (x1) 044258 (x24) 044272

33

160
130

x45 / Ø4mm

Steel - Acier - Stahl - Acero - Staal - Aço (x1) 044227

Stainless - Inox - Edelstahl (x1) 044289

15

140
105

Steel - Acier - Stahl - Acero - Staal - Aço (x1) Brass - Laiton 038073 (x1) Zinc 038080

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

Classic

	60° 90°	45° 90° 135°	45° 90° 135°	articulated 0 > 180°
	MAGNETIC P15.90	MAGNETIC P16.90	MAGNETIC P19.90	MAGNETIC P20.180
max	15 kg	16 kg	19 kg	20 kg
◊	60/90°	45/90/135°	45/90/135°	articulated 0 > 180°
×	x 2	x 4	x 1	x 1
↕	100 x 73 x 12	45 x 32 x 28	156 x 102 x 20	204 x 86 x 28
Ref.	047044	044180	044203	044302

Switchable ON/OFF

	45° 90° 135°	90°	90°	90°	45° 60° 75° 90° 105° 135°	45° 75° 90° 105° 135°
	MAGNETIC D30.90	MAGNETIC D50.90 DUAL	MAGNETIC D50.90	MAGNETIC D70.90M	MAGNETIC D70.120M	MAGNETIC D70.135M
max	30 kg	50 kg	50 kg	60 kg	60 kg	60 kg
◊	45/90/135°	90°	90°	90°	45/60/75/90/105/135°	45/75/90/105/135°
×	x 1	x 1	x 1	x 1	x 1	x 1
↕	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.	044197	047051	047075	047068	047082	047099

AXIAL-GRIP PLIERS - Pinces axiales

6 pliers kit 050242

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

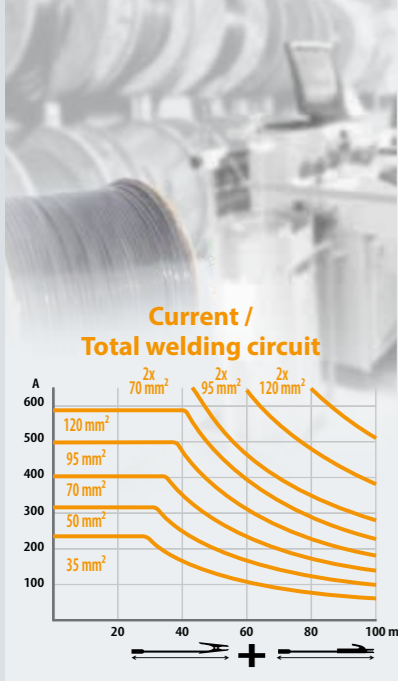
LOCK-GRIP PLIERS - Pinces étau mono serrage

16 pliers kit 050266

X 5, X 3, X 3, X 5, X 3

6 pliers kit 050112

X 6



Welding Cable - Schweißkabel

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

⊗	↔ L	Ref.	EN 60974-9	
			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	Ref.	EN 60974-9	
			A (60%)	A (35%)
10 mm²	100 m	054882	88	92
	20 m	056107		
16 mm²	100 m	054905	120	130
	20 m	056121		
25 mm²	100 m	054929	164	184
	20 m	056145		
35 mm²	100 m	054943	210	240
	20 m	056169		
50 mm²	100 m	054967	273	320
	20 m	056183		
70 mm²	50 m	056565	310	380

CABLE LUGS - Coses - 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

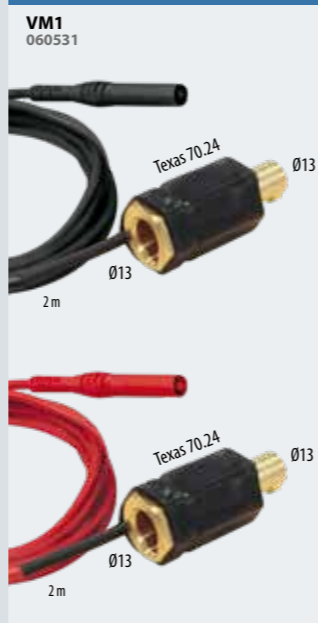
DINZE SOCKETS - Douilles Texas - Anschlussbuchse

I A max	∅ mm	⊗ mm²	∅ 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

I A max	∅ mm	⊗ mm²	∅ mm	∅ mm	Compatibility	Ref.	
AMF 25/50	200	32	10/25	14	9	M8 CM25.14	x20 045644
AMF 50/25	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

DINZE VOLTAGE MEASURING CABLE - Texas mesure de tension - Spannungsmessleitung



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

I A max	⊗ mm²	∅ mm	∅ mm	Compatibility	Ref.	
CFM 25.14	200	10/25	14	9	CM 25.14, DF 25.14, CF 25.14	x1 045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21, TX 70.21	x1 045606
CFM 70.21	400	50/70	21	13	CM 70.21, TX 70.21	x1 047488
CM 25.14	200	10/25	14	9	DF 25.14, CF 25.14	x20 045668
CM 50.21	300	35/50	21	13	DF 70.21, CF 50.21	x10 045613
CM 70.21	400	50/70	21	13	DF 70.21, CF 70.21	x5 045750
CM 95.24	500	70/95	24	13	DF 95.24	x5 047495
CF 25.14	200	10/25	14	9	CM 25.14	x30 045651
CF 50.21	300	35/50	21	13	CM 50.21	x10 045620
CF 70.24	400	50/70	24	13	CM 70.21	x5 045736
CF 95.24	500	70/95	24	13	CM 95.24	x5 072374



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

A	SQUARE MAGNET 500.70	ROUND MAGNET 500.70	ROUND MAGNET 600.95
⊗ max	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

SOLDERING - Soudage à l'étain - Weichlöten

60W
040373

100W
040397

COMPLETE

Desoldering pump - Pompe à dessouder - Entlötpumpe
040380

Soldering wire - Fil à souder - Lötendraht
Étain - Tin - Zinn
Norm ISO EN 9453

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

Soldering flux - Flux universel - Lötflott
T° fusion 450 °C
20g
040549

Soldering flux for tin alloys - Graisse décapante pour alliage étain - Lötflott für Zinn-Legierungen
T° fusion 80 °C
100g
047808

OX & AD

60 cm

Ø20 cm

OX & AD
49 x 27 x 99 cm / 7.5 kg
73 x 38 x 18 cm / 14.2 kg
039100

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

G400 (400 L/h)
Capacity: 0.4 > 4 mm
L = 330 mm / 320g

Ø 6.3 mm

oxygène / acétylène

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

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

1.5m

3 100°

Prohibited shipping: Expédition interdite: Versand verboten:

Novacet 600ml/330g 040434
Oxygène - Oxygen bottle 1101 040458

039124

Cutting nozzle - Tête de coupe - Hochdruckschneidköpfe

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

3m

40, 60 & 100 L

7 gas welding nozzles

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

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

Ø 10 mm

oxygène / acétylène

038868	✓	037007
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PROFESSIONAL BLOW TORCHES - Lampes à souder professionnelles - Gasbrenner

PIEZO START

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

Blowtorch - Lampe à souder à 1 brûleur - Lötlampe mit 1 Brenner
038820

Blow torch, with 2 interchangeable burners - Lampe à souder, avec 2 brûleurs interchangeables - Lötlampe mit 2 auswechselbaren Brennern
052741

Flamme à pointe fine
Fine flame tip (included)

Gas not included

LIGHTER START

Blow torch with safety valve - Lampe à souder, soupape de sécurité - Lötlampe, Sicherheitsventil
040359

Gas hot air gun - Pistolet à air chaud autonome à gaz
060777

European fitting 7/16"

included B1

European fitting 7/16"

450 > 550 °C

Included GAS B3 Ref. 040441

CUP LIGHTER - Briquet à tasse - Topfanzünder
040403

PRE-BRAZING CLEANING PADS - Tampons de nettoyage avant brasage
047563

x 5

GAS CARTRIDGES - Cartouches de gaz - Gaskartusche

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

GAS WELDING RODS - Métaux d'apport flamme - Lötstäbe

Norms	Composition %						T° fusion °C	Décapant - Flux	Ø mm	L mm	X...	Ref.	Applications	
	DIN 8513	Ag	Cu	Zn	P	Iron								Other
STRONG BRAZING / BRASAGE FORT														
Cu P 6	—	94	—	6	—	—	710-880	paste (ref. 047440)*	2	333	5	047181	Copper - copper. For plumbing, heating, sanitation. Cuivre-cuivre. Pour plomberie, chauffage, sanitaire.	
										25	25	047204		
										500	1 kg	047211		
Ag 5 P	5	88.8	—	6.2	—	—	645-810	paste (ref. 047440)	2	333	5	047228	Copper - Copper and copper alloys. Must use welding flux on copper - brass. For air conditioning, refrigeration. Cuivre-cuivre et métaux cuivreux. Décapant obligatoire sur cuivre-laiton. Pour climatisation, réfrigération.	
Ag 12	12	48	40	—	—	Si 0.2	800-830	integrated	1.5	500	4	047242	Copper - Copper and copper alloys. For air conditioning, refrigeration. Cuivre-cuivre et métaux cuivreux. Pour climatisation, réfrigération.	
Ag 40Sn	40	30	28	—	—	Sn 2	640-700	paste (ref. 047440)	1.5	333	2	047266	Copper, brass, steel, stainless steel. For air conditioning, refrigeration, heating, electrical equipment. Cuivre, laiton, aciers, inox. Pour climatisation, réfrigération, chauffage, matériel électrique.	
									2	333	2	047273		
Cu Zn40	—	60	40	—	—	Si 0.25	890-900	powder	2	333	5	047280	Steel, galvanized steel, copper, cast iron. For heating, car body, agricultural machinery. Acier, galva, cuivre, fonte. Pour chauffage, carrosserie, machine agricole.	
CuNi10 Zn42	—	48	41.8	—	—	Ni 10 Si 0.2	920-935	integrated	2	500	8	047303		
										32	047815			
BRAZING ALUMINUM BASED ALLOYS / BRASAGE ALLIAGE BASE ALUMINIUM														
Zn + Al	—	—	98	—	—	Al 2	375-388	integrated	2	500	2	047433	For alu-alu and alu-copper. Air conditioning, refrigeration: manufacture and repair. Excellent capillarity, high elongation. Pour alu-alu et alu-Cu. Climatisation, réfrigération: fabrication et réparation. Excellente capillarité, allongement élevé.	
BRAZING COPPERED STEEL / BRASAGE ALLIAGE ACIER CUIVRÉ														
Fe + Cu	—	0.15	—	0.012	98	Si 0.2-Mn 1	1 500	integrated	1.6	333	10	047150	Fer/acier courant. Iron / steel.	
										2	333	10		047167
										2	500	10		047174

Flux - Décapant - Flussmittel
047440

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

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

CG1 (400 L/h)
Welding capacity - Capacité de soudage: 0.4 > 4 mm
Cutting capacity - Capacité de coupage: 50 mm max
L = 320 mm / 450 g

Ø 6.3 mm

039018

Têtes de coupe - Cutting heads

7/10	038769
10/10	038776
12/10	038813

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

included (x1) welding adaptor for 7 gas nozzles

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

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

Ø 10 mm

038882

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

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

HG1 Shielded Cutting capacity: 120 mm max
L = 470 mm / 1.27 kg

Ø 10 mm

038783

BLOWTORCHES - Chalumeaux chauffeurs - Autogen-Schweißbrenner

Ø 60 mm

60 cm

PIEZO

Ø 6.3 mm

butane / propane

CH80
040335

0.8 kg/h 037069
1.0 kg/h 037076
1.2 kg/h 037083

43 cm / 0,7kg

Ø 10 mm

CH120
038806

108 cm / 1,4kg

Ø 10 mm

6 kg/h 037052

CH1000
038875

BLOWTORCH KIT - Kits chalumeaux - Schweißbrennerset

Blowtorch kit - Kit chalumeau 3 brûleurs - Schweißbrennerset
040328

Ø 17 mm

1.5m

butane

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

039070

EN 730-1

Ø 6.3
Ø 10
Ø 10
Ø 6.3

x4

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

039087

EN 730-1

Ø 10
Ø 10
Ø 6.3

Blowtorch kit zinc worker - Kit chalumeau zingueur
038844

butane

REGULATORS - Détendeurs - Druckminderer
EN 585/ISO 2503

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

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

Propane PRO max 26 m³/h moy 5 m³/h
038998
037274

Oxygène 5 m³/h 039032

Acétylène 1 m³/h 039056

Ø 6.3 mm

PRO Ø 10 mm

HOSE - Tuyaux - Schlauch

Kit OX/AD:

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

x4

Kit Propane:

Ø 6.3 mm, 4 m 038851

Ø 10 mm, 4 m 037090

GAS WELDING GOGGLES - Lunettes de protection - Schutzbrillen

Shade/IRS 042803

Shade/IRS 042858

* not for Cu/Cu brazing

HAND LAMPS - Lampes baladeuses - Handleuchte

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



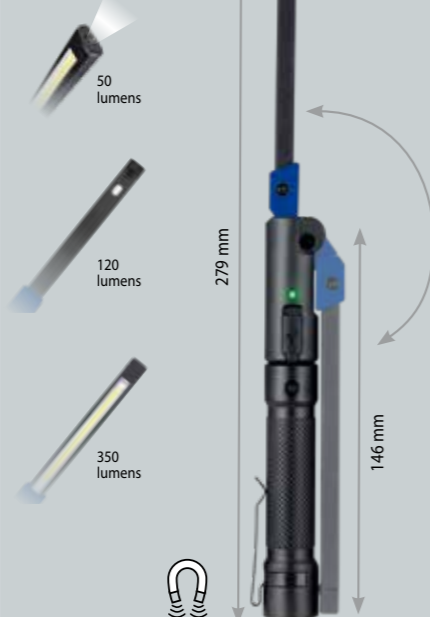
MINI INSPECTION LAMP 350 L 0-350 lumens

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

operating time
3 > 6.5 h

IP 20

075894



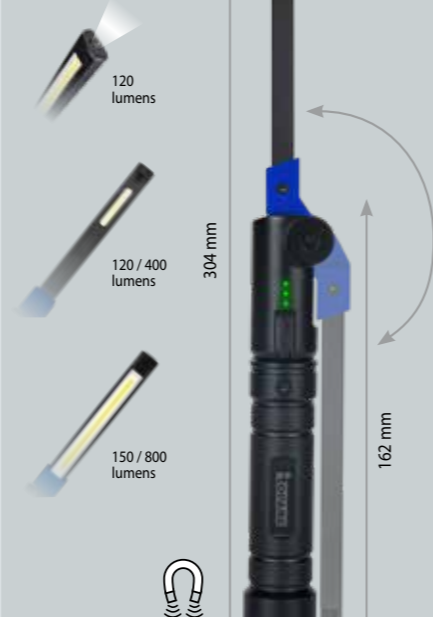
PRO INSPECTION LAMP 800 L 120-800 lumens

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
3x 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

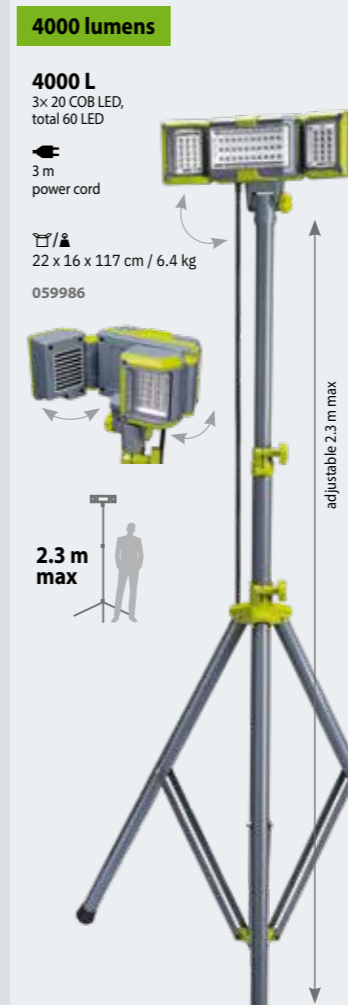


4000 lumens

4000 L
3x 20 COB LED,
total 60 LED

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

059986



MARKETING

139

WORKING LIGHTS
MARKETING



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

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

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

GYSARC 100 + 120 + 160 + 200
082120

Display stand
- Podium de présentation
- Podest

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

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



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



Barnum 3 x 3 m
098022

Open barnum
2 x 2 m
098039

Banner
- Oriflamme
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



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since 1964

2
0
2
4
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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