



MMA / SMAW

TIG / GTAW

MIG-MAG / GMAW-FCAW

DRAWN ARC

METROLOGY

HELMETS

INDUCTION

PLASMA

ACCESSORIES

# 2022

## PROFESSIONAL WELDING SYSTEMS



## PROFESSIONAL WELDING SYSTEMS

**UK** With a strong reputation as an international brand, IMS offers you a comprehensive and innovative welding product range. Our mission is to provide both efficient and productive solutions to professionals. To that end, our products combine advanced technology, high quality and ergonomics for optimal user satisfaction. This catalogue introduces several new innovations and product improvements, we would like to thank our customers for their attention and their trust in the IMS brand.

**FR** Fort de sa renommée mondiale, IMS est fier de vous proposer une gamme complète et innovante d'équipements dédiés à la soudure. Apporter des solutions efficaces et productives répondant aux exigences des professionnels est notre vocation. Nos produits associent technologie, qualité et ergonomie pour satisfaire pleinement nos utilisateurs. De nombreuses nouveautés et améliorations ponctuent ce catalogue. Par avance, nous vous remercions, cher client, pour votre attention et votre confiance.

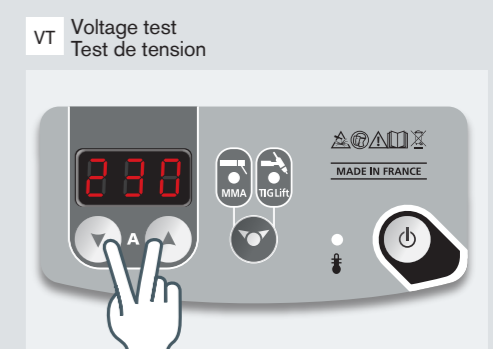
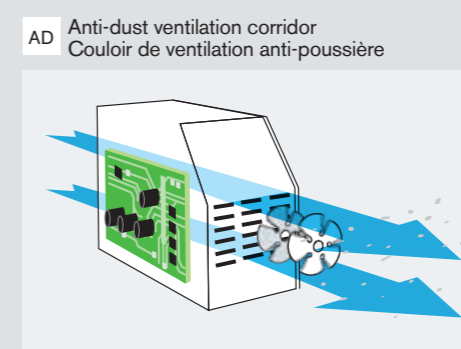
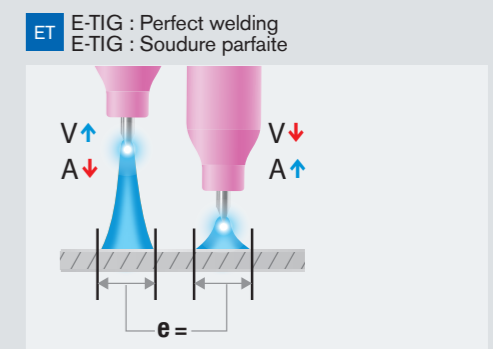
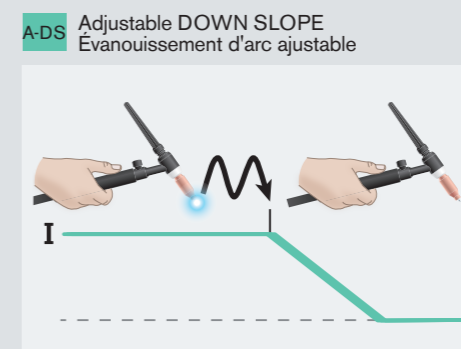
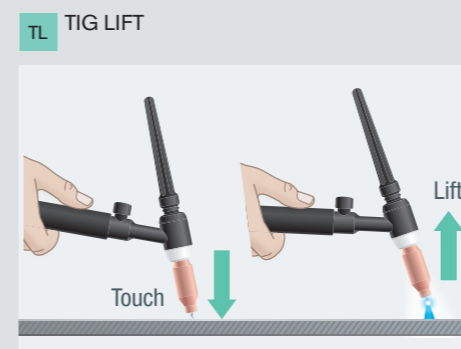
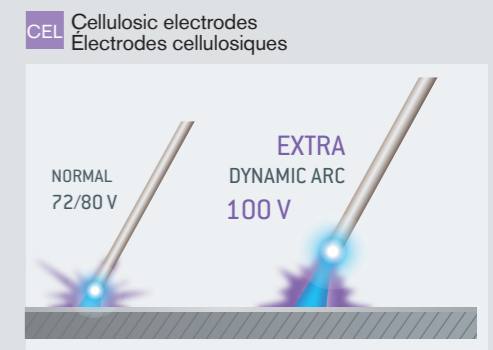
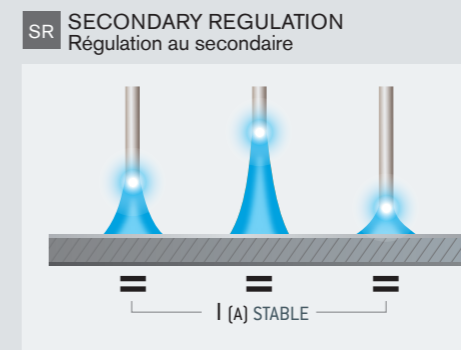
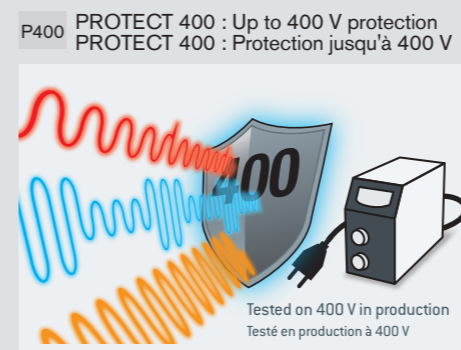
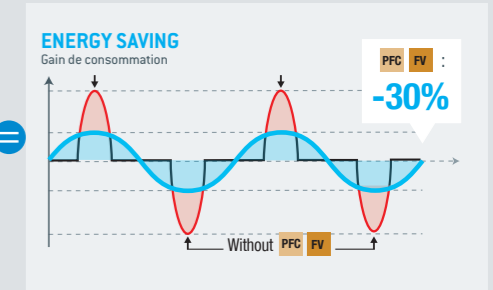
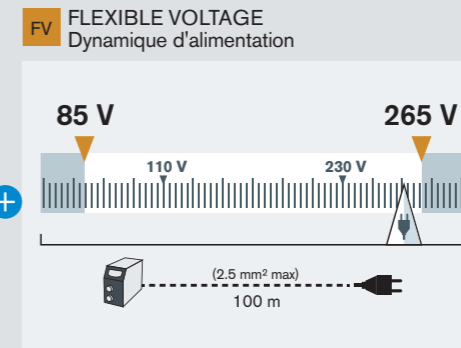
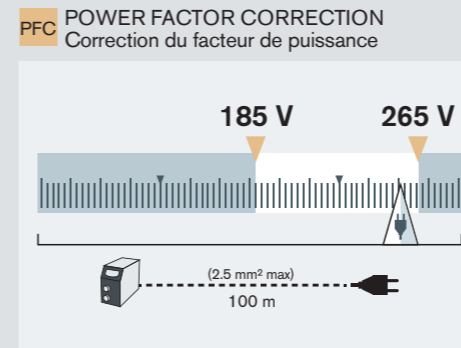
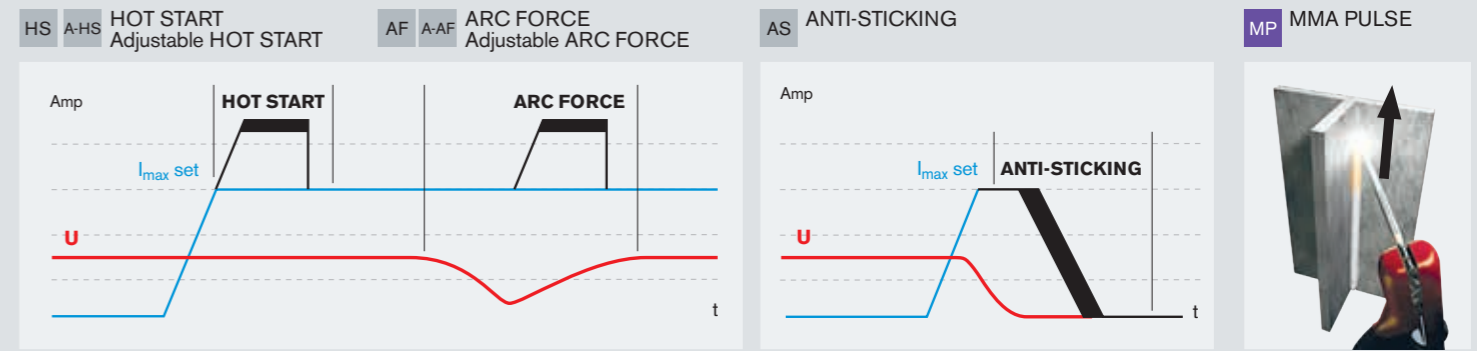
**NL** Het internationaal gerenommeerde merk IMS biedt u een compleet en innovierend assortiment op het gebied van lastechniek aan. Onze passie: Het creëren van efficiënte en productieve oplossingen die beantwoorden aan de eisen van de professionele lasser. Alle IMS producten voldoen aan de hoogste kwaliteitseisen en combineren hoogwaardige technologie met de nieuwste ergonomische inzichten. In deze nieuwe IMS katalogus vindt u een scala aan vernieuwde en verbeterde producten. We danken u bij voorbaat voor uw aandacht, en voor het vertrouwen dat u in ons stelt.

**DE** Die internationale Marke „IMS“, bietet Ihnen ein komplettes und innovatives Sortiment im Bereich Schweißtechnik. Mit IMS Artikeln erhalten Sie effiziente und leistungsfähige Produkte, die höchsten Anforderungen gerecht werden. Alle IMS-Produkte werden nach strengen Qualitätsrichtlinien entwickelt und produziert. Ergonomisch optimiert und langlebig konzipiert, erfüllen Sie so die hohen Ansprüche des professionellen Anwenders. Der neue IMS-Katalog enthält viele interessante Neuerungen. IMS – Innovative Möglichkeiten Sehen!

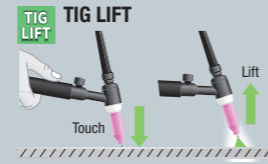
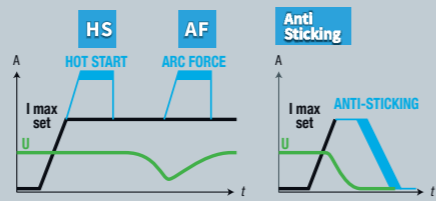
**IT** Forte della Sua notorietà mondiale, IMS è orgogliosa di offrire una gamma completa e innovativa di attrezzature dedicate alla saldatura. Fornire soluzioni efficaci e produttive che soddisfino i requisiti professionali è la nostra vocazione. I nostri prodotti combinano tecnologia, qualità ed ergonomia per soddisfare appieno i nostri utenti. Molte nuove caratteristiche e miglioramenti caratterizzano questo catalogo. Vi ringraziamo anticipatamente, cari clienti, per la Vostra attenzione e la Vostra fiducia.

**ES** Gracias a su prestigio mundial, IMS se enorgullece de presentarle una línea completa e innovadora de equipos especialmente dedicados a la soldadura. Nuestra misión es ofrecerle soluciones eficaces y productivas que cumplan con las exigencias de los profesionales. Nuestros productos combinan tecnología avanzada, calidad y ergonomia para satisfacer plenamente a nuestros usuarios. Numerosas novedades y mejoras completan este catálogo. Le agradecemos su atención y confianza.

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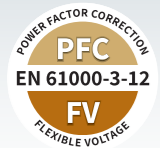


# SMAW MMA INVERTER



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

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



NEW



35/50 mm<sup>2</sup>  
Ø 13 mm



35/50 mm<sup>2</sup>  
Ø 13 mm



400V

70/95 mm<sup>2</sup>  
Ø 13 mm

## 4 in 1

- 1 MMA
- 2 TIG DC LIFT  
Torches & consumables p. 23
- 3 GOUGING  
Accessories p. 11
- 4 TIG HF • Exatig



details p.21



110 • 230 V • 1 ~

400 V • 3 ~

**220 FV CEL**

110 + 230 V • 1 ~

**220 A** ⚡ Ø 1.6+5 mm

P400 PFC FV

VRD inside HS AF CEL cellulosic

Dynamic arc system MMA PULSE

TIG LIFT TIG PULSE AD IP 23

2 m, 25 mm<sup>2</sup> + 2 m, 25 mm<sup>2</sup>  
067707

**PFC POWER FACTOR CORRECTION**

185 V ← 265 V

**FV FLEXIBLE VOLTAGE**

85 V ← 265 V

100 m

**300 TRI**

400 V • 3 ~

**300 A** ⚡ Ø 1.6+6.3 mm

VRD inside HS AF Anti Sticking CEL cellulosic

TIG LIFT IP 23

no accessories:  
067066

**400 TRI**

400 V • 3 ~

**400 A** ⚡ Ø 1.6+6.3 mm

VRD inside HS AF Anti Sticking CEL cellulosic

TIG LIFT GOUGING IP 23

no accessories:  
037816

**OPTIONS**

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

- Filter kit 046580
- Hand remote control RC-HA1 8 m 045675
- JOBSITE XL 600 x 1150 x 584 mm 039568
- MMA KIT 7 500 A 047419
- TIG torch kit SR17 V (valve) 4 m, 35/50 mm<sup>2</sup>, Ø13 044401

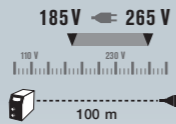
L m	model	L m	model	mm <sup>2</sup>	mm <sup>2</sup>
5	SHARK X500.95	4	TYREX 600.95	50	35/50

Model	I <sub>2</sub>	INTEGRATED TECHNOLOGY								X% (20°C)	EN60974-1 (40°C)			cm / kg	Protected & compatible power generator (+/-15%)				
		VRD	HS	AF	Anti sticking	CEL	TIG Lift	IP 23	I (60%)		X% (I2 max)	100%	U <sub>0</sub>						
220 FV CEL <b>NEW</b>	1	230V	16	10+220	•	•	•	•	•	•	•	40% @ 220 A	130 A	20%	100 A	86 V	42 × 21 × 35/10.5	8.5 kW	12.5 kVA
		110V	32	10+120	•	•	•	•	•	•	•	60% @ 120 A	90 A	30%	70 A	80 V			
300 TRI	3	400V	16	20+300	•	•	•	•	•	•	•	100% @ 300 A	300 A	60%	230 A	83 V	54 × 46 × 28/ 26	10 kW	12.5 kVA
400 TRI	3	400V	32	20+400	•	•	•	•	•	•	•	100% @ 400 A	400 A	60%	350 A	84 V	58 × 52 × 30/ 38	30 kW	36 kVA

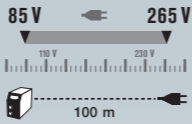


# SMAW MMA INVERTER • 1~

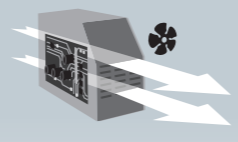
**PFC** POWER FACTOR CORRECTION



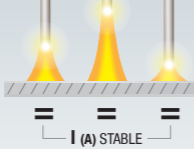
**FV** FLEXIBLE VOLTAGE



**AD** ANTI-DUST VENTILATION CORRIDOR



**SR** SECONDARY REGULATION



**VRD inside**

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

**IP 23**



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

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



10/25 mm<sup>2</sup>  
Ø 9 mm

35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm

### 200 E FV

110 → 230 V • 1 ~

**200 A** ⚡ — Ø 1.6 → 5 mm

P400 PFC FV HS AF Anti Sticking TIG LIFT ADS



031067

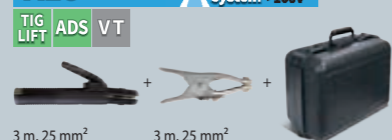
### 200 E FV CEL

110 → 230 V • 1 ~

**200 A** ⚡ — Ø 1.6 → 5 mm

P400 PFC FV SR HS AF CEL cellulosic

ALU aluminium Dynamic arc system >100V



030893

### 220 E FV CEL

110 → 230 V • 1 ~

**220 A** ⚡ — Ø 1.6 → 5 mm

P400 PFC FV SR VRD inside HS AF CEL cellulosic

ALU aluminium Dynamic arc system MMA PULSE

TIG LIFT ADS TIG PULSE AD IP 23

no accessories:  
063433

# 7in1 MULTIPROCESS INVERTER • 3~



**EASY USB UPDATE**  
DIRECT COMPUTER

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

**VRD inside**

	U <sub>o</sub> (EN60974-1)	U (Voltmeter)
VRD ON	26 V	29 V
VRD OFF	84 V	80 V
ON → OFF sensibility		< 200 Ω
OFF → ON delay		< 0.3 s

**IP 23**



70/95 mm<sup>2</sup>  
Ø 13 mm

- MMA**
- MMA • PULSE**  
MMA kits p. 11
- TIG DC LIFT**  
Torches & consumables p. 22
- GOUGING**  
Accessories p. 11
- MIG • Portable feeder**  
NOMAFEED p. 36
- MIG • Wire feeder**  
EXAFEED p. 36
- TIG HF • Exatig**

### GENIUS 400 CC/CV

400 V • 3 ~

**400 A** ⚡ — Ø 1.6 → 6.3 mm

SR VRD inside

HS AF CEL cellulosic ALU aluminium

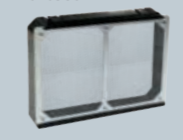
TIG LIFT MMA PULSE

TIG LIFT GOUGING AD IP 23

no accessories/no trolley:  
032613

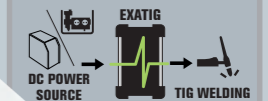


Option Filter kit (Genius)  
046580



**EXATIG**  
013780

### UNIVERSAL



details p.21



### MMA KITS

	kit 3	kit 4	kit 5
I (A)	200 A	200 A	300 A
⊘ mm <sup>2</sup>	25	25	35
⚡ mm <sup>2</sup>	10/25	35/50	35/50
L (m)	3	3	4
ref.	047396	047402	047341

### TIG torch kit SR17 V (valve)



for 10/25 mm<sup>2</sup>, Ø9:  
✓ 200 E FV  
044425

for 35/50 mm<sup>2</sup>, Ø13:  
✓ 200 E FV CEL  
✓ 220 E FV CEL  
✓ GENIUS 400 CC/CV  
044401

### Valise de chantier

- Heavy-duty case  
- Hartschalenkoffer

↓ 21 x 43 x 57 cm  
3.9 kg

for:  
✓ 173 E  
✓ 183 E  
✓ 200 E FV  
✓ 200 E FV CEL  
060432



### REMOTE CONTROL



Foot pedal  
RC-FA1  
4 m  
045682

Hand remote  
control  
RC-HA1  
8 m  
045675

		I <sub>2</sub>	INTEGRATED TECHNOLOGY																X% (20°C)	EN60974-1 (40°C)		⊘	↕	⚡	⚡	⚡						
			50/60 Hz	A	A	TIG	MIG	P400	PFC	FV	SR	VRD	HS	AF	CEL	ALU	Dynamic arc	MMA pulse		TIG Lift	ADS						TIG pulse	VT	AD	IP23	for normal use	I (60%)
<b>200 E FV</b>	1	230V	16	10 → 200	10 → 200																				64%	120 A	22%	90 A	96 V	21 x 27 x 14 / 7.5	7 kW	10 kVA
		110V	20	10 → 130	10 → 130																				80%	95 A	39%	115 A	108 V	36 x 15 x 27 / 9.3	7 kW	10 kVA
<b>200 E FV CEL</b>	1	230V	16	10 → 200	5 → 200																				80%	135 A	25%	115 A	108 V	36 x 15 x 27 / 9.3	7 kW	10 kVA
		110V	32	10 → 140	5 → 140																				80%	90 A	40%	120 A	77.5 V	41 x 34 x 22 / 12	8.5 kW	12.5 kVA
<b>220 E FV CEL</b>	1	230V	16	5 → 220	5 → 220																				80%	145 A	22%	120 A	69 V	69 x 60 x 40 / 36	8.5 kW	12.5 kVA
		230V	32	5 → 220	5 → 220																				80%	175 A	25%	145 A	69 V	69 x 60 x 40 / 36	8.5 kW	12.5 kVA
		110V	32	5 → 140	5 → 140																				100%	120 A	40%	100 A	69 V	69 x 60 x 40 / 36	30 kW	36 kVA
<b>GENIUS 400 CC/CV</b>	3	400V	32A	5 → 400	5 → 400	15 → 400																			100%	400 A	60%	350 A	84 V	69 x 60 x 40 / 36	30 kW	36 kVA

GENIUS 400 CC/CV							
							Jobsite XL 039568
pack GENIUS MMA 1 036178	MMA kit 7 047419						
pack GENIUS MMA 2 036185	MMA kit 7 047419						
pack GENIUS MMA 3 036192	MMA kit 7 047419						
				Gouging torch, 1000 A 041516	Cable 5 m for gouging torch 040670		Jobsite XL 039568

pack GENIUS TIG 1 063600							
pack GENIUS TIG 2 063617							
pack GENIUS TIG 3 063624							

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



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



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



**HAMMER 260** 260 mm, 240 g (x1) 044159  
**HAMMER 285** 285 mm, 425 g (x1) 044128  
**HAMMER 370 PRO Premium** 270 mm, 370 g (x1) 066663  
**HAMMER 290 PRO Premium** 290 mm, 465 g (x1) 044135  
**HAMMER 320 PRO Premium** 320 mm, 425 g (x1) 044142

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



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

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



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



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

**PORTE-ÉLECTRODES ASSEMBLÉS - Electrode holder kits - Montierter Elektrodenhalter**



A	🗑	L (m)	⊗ mm <sup>2</sup>	⚡ mm <sup>2</sup>	Ø	ref.
150 / 200	SHARK X200.35	1.6	16	10 / 25	9	x1 043848
200	SHARK X200.35	4	25	35 / 50	13	x1 043855
300	SHARK X300.50	4	35	35 / 50	13	x1 043862
500	SHARK X500.95	4	50	35 / 50	13	x1 043879
600	SHARK C600.120	5	70	35 / 50	13	x1 047006

**KIT POUR POSTES MMA (CÂBLES + PINCES + CONNECTEURS) - MMA kits - (Electrode holder + earth clamp + cable/connectors) - Kit MMA (cables + pinzas + conectadores) - MMA-Sets (Elektrodenhalter + Masseklemme montiert)**

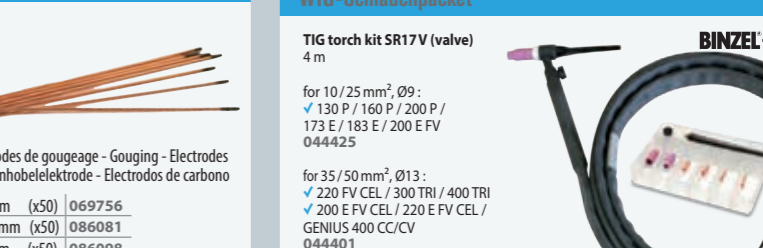


	A	🗑	L (m)	model	L (m)	model	⊗ mm <sup>2</sup>	⚡ mm <sup>2</sup>	Ø	Ref.
kit 1	150/200 A	1.6	SHARK X200.35	2	CROCO A200.35	16	10 / 25	9	x1	047372
kit 2	200 A	1.6	SHARK X200.35	2	CROCO A200.35	25	10 / 25	9	x1	047389
kit 3	200 A	3	SHARK X300.50	3	CROCO T400.70	25	10 / 25	9	x1	047396
kit 4	200 A	3	SHARK X300.50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

**GOUGEAGE - Gouging - Fugenhobeln**



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



**ACIER/STEEL**

6013 - Rutile - Rutile - Rutilos - Rutielen - Rútilos

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

**Position**  
  
 Polarity (-)

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



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



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



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

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

**Normes - Norms - Normen - Norma**  
 AWS A 5.1 : E 7018-1  
 ISO 2560-A : E 42 4B 42 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	300	13	10	210	84	7	130	54	6	96	38
Ø 2.0	300	13	A	066717	10	A	066724	210	B	081918	
											081970
Ø 2.5	350	210	B	081918	84						
		7	A	066731							
		130	B	081925							081987
Ø 3.2	350	54									
		6	A	066748							
		96	B	081932							
Ø 4.0	350	38									081994

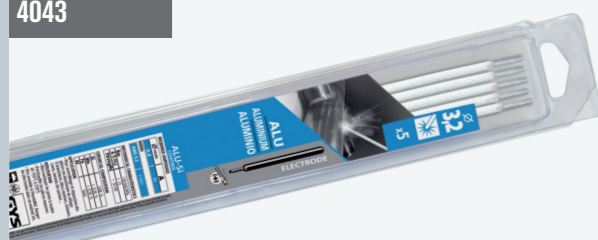
**ALU - Aluminium - Aluminio**

4043

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

**Position**  
  
 Polarity (+)

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



Ø	5	147		kg
Ø 3.2	5	084803		-
Ø 3.2	147	081949		2

**ACIER INOXYDABLE - Stainless Steel - Edelstahl**

312R



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

**Position**  
  
 Polarity (+)

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

Dissimilar Electrodes - Maintenance & Repair

Ø	54	28
Ø 2.5	54	081475
Ø 3.2	28	081468

308L



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

**Position**  
  
 Polarity (+)

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

Ø	10	
Ø 2.5	10	082328

316L



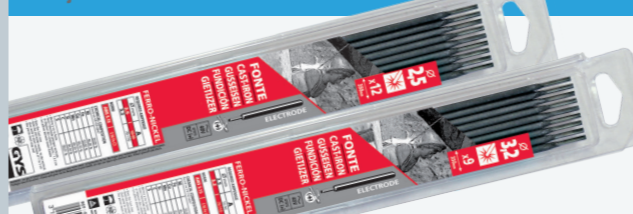
**Normes - Norms - Normen - Norma**  
 AWS A 5.1 : E 316 L-16  
 EN ISO 3581-A : E 19 12 3L R31  
 DIN 8556 : E 19 12 3 NCR23

**Position**  
  
 Polarity (+)

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

Ø	12	10	30	8	25	600 (20 kg)
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				

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



**Normes - Norms - Normen - Norma**  
 AWS A 5.15 : E Ni Fe Cl  
 EN ISO 1071 : EC NiFe-Cl1  
 DIN 8573 : E Ni Fe BG 13

**Position**  
  
 Polarity (+)

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

Ø	12	9	156
Ø 2.5	12	083332	
Ø 3.2	9	083349	
Ø 3.2	156	081956	

**RECHARGEMENT - Hardfacing - Auftragschweißen - Recargue - Herladen - Enchimento**



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

**Position**  
  
 Polarity (-)

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

Ø	450	141	93
Ø 3.2	450	141	081529
Ø 4.0	450	93	081512

Ø	350	46	22	14
Ø 2.5	350	46	081543	1
Ø 3.2	450	22	081574	1
Ø 4.0	450	14	081581	1

**CARQUOIS ISOTHERMIQUE POUR ÉLECTRODES - Electrode canister - Thermo-Isolierbox für Schweißelektroden**

45 cm  
 Capacité - Capacity  
 - Kapazität - Capacidad :  
 7 kg  
 060258



**ÉTUVES ÉLECTRODES - Electrodes oven - Elektrodenofen**



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



**DRY AUTO 5.150**  
 Capacity :  
 5kg - 50-150°C  
 071360



**DRY 5.200R**  
 Capacity :  
 10kg - 50-200°C  
 060692



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









TITANIUM

# GTAW TIG AC/DC

## CUSTOMISATION NEW



## ACCESSIBILITY

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

TIG DC Synergic



TIG AC Pulse

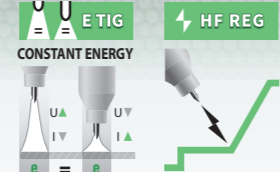
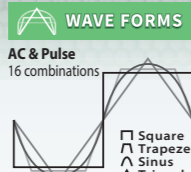


TIG DC Tack



## TIG

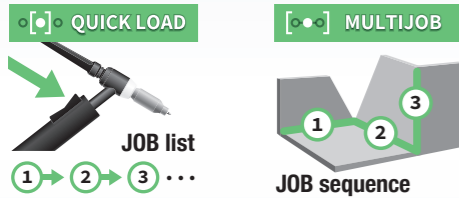
- STANDARD AC/DC
- HF / LIFT / TOUCH HF
- PULSE
- FAST PULSE 2.5 > 20 kHz
- SPOT / MULTISPOT
- TACK / MULTITACK
- AC MIX



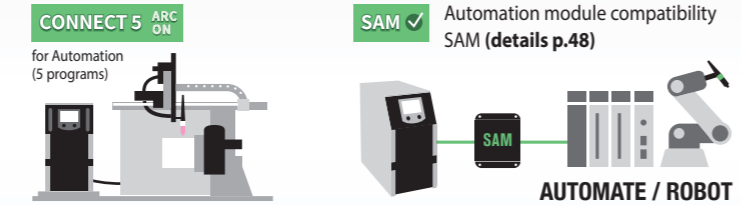
## MMA

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

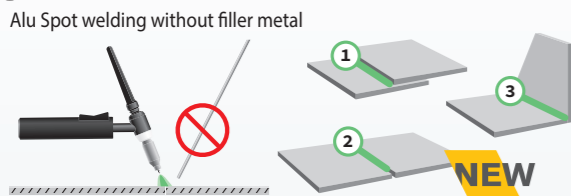
## MANUAL



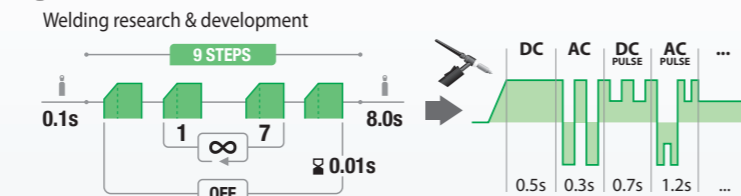
## AUTOMATION



## TACK / MULTI-TACK ALU



## TIG WIZARD NEW



## DEGAUSS

**Pack**

<b>TITANIUM 400 DEGAUSS</b>				
073340	TITANIUM 400 AC/DC 037830	RC-DEGAUSS, 8m 066496	DEGAUSS cables kit (2x13)+(1x20) m, Texas 50.21 067929	DEGAUSS USB key 067974

8m 13m 20m

## CONNECTIVITY

**TRACEABILITY** History data export

**PORTABILITY** Share configuration & jobs

**SOFTWARE UPDATE** Titanium evolutions

ENERGY CONTROL : 20 kHz, kJ or kJ/cm

IP 23 INDOOR / OUTDOOR



Remote control RC-HD2 062122

details p.42

COMING SOON



TITANIUM 230 AC/DC

**230 A** 110-230 V · 1~

**230A 60%** PFC FV SR

TIG L/DB/P IP 23

TIG PULSE MMA PULSE

no accessories: 073098

TITANIUM 400 AC/DC

**400 A** 400 V · 3~

**400A 60%** SR L/DB/P

TIG IP 23

TIG PULSE MMA PULSE

no accessories: 037830



## OPTIONS

--	--	--	--	--	--	--	--	--

CE NORM. EN60974-1	MADE IN FRANCE	50/60 Hz	A	I <sub>2</sub> TIG	INTEGRATED TECHNOLOGY							EN60974-1(40°C) TIG			EN60974-1 (40°C) MMA		Freq. AC	U <sub>o</sub>	mm <sup>2</sup>	cm	kg	Protected & compatible power generator (+/-15%)	
					TIG PULSE	E TIG	WAVE FORMS	MMA PULSE	CEL	AD	IP23	I (60%)	X% (I2 max)	100%	I (60%)	X% (I2 max)							Hz
TITANIUM 230 AC/DC		110-230 V 1~	-	-	SR	■	■	■	■	■	■	■	-	-	-	-	-	-	-	-	-		
TITANIUM 400 AC/DC		400V 3~	16	5→400 (AC) 3→400 (DC)	■	■	■	■	■	■	■	■	400 A	60%	360 A	400 A	60%	20→300	85	Ø13 70/95	68 × 80 × 54	43	30 kW

70/95 mm<sup>2</sup> Ø 13 mm

TIG 220 DC FV						
pack TIG 220 DC FV AL 012653	SR26 L, 8 m 046184			4 m, 25 mm <sup>2</sup> 043794	cooling unit 3 L, liquid not included	
pack TIG 220 DC FV ADB 012660		SR26 DB, 8 m 046177		4 m, 25 mm <sup>2</sup> 043794		
pack TIG 220 DC FV WL 012677	SR20 L, 8 m 046153			4 m, 25 mm <sup>2</sup> 043794	WCU 0.5kW A 500W 039490	
pack TIG 220 DC FV WDB 012684		SR20 DB, 8 m 046146		4 m, 25 mm <sup>2</sup> 043794	WCU 0.5kW A 500W 039490	

TIG 300 DC						
pack TIG 300 DC AL 012462	SR26 L, 8 m 046184			4 m, 25 mm <sup>2</sup> 043794	cooling unit 3 L, liquid not included	
pack TIG 300 DC ADB 012745		SR26 DB, 8 m 046177		4 m, 25 mm <sup>2</sup> 043794		
pack TIG 300 DC WL 012752	SR20 L, 8 m 046153			4 m, 25 mm <sup>2</sup> 043794	WCU 1kW B 1000W 032217	
pack TIG 300 DC WDB 012479		SR20 DB, 8 m 046146		4 m, 25 mm <sup>2</sup> 043794	WCU 1kW B 1000W 032217	

TIG PRO 201 AC/DC FV						
pack TIG 201 AC/DC FV L 067073	SR26 L, 8 m 046184			4 m, 25 mm <sup>2</sup> 043794	4 m, 25 mm <sup>2</sup> 043855	550 x 1115 x 525 mm Diable 10m <sup>2</sup> (max 10 m <sup>2</sup> ) 039704

TIG PRO 201 L AC/DC FV						
pack TIG 201 L AC/DC L 067103	SR20 L, 8 m 046153			4 m, 25 mm <sup>2</sup> 043794	4 m, 25 mm <sup>2</sup> 043855	666 x 1032 x 484 mm 10m <sup>2</sup> -XL/TM1 (max 10 m <sup>2</sup> ) 041257

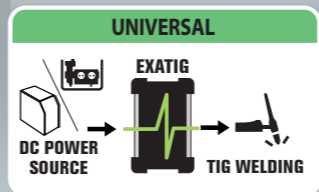
TIG 220 AC/DC FV						
pack TIG 220 AC/DC FV AL 012714	SR26 L, 8 m 046184			4 m, 25 mm <sup>2</sup> 043794	cooling unit 3 L, liquid not included	
pack TIG 220 AC/DC FV ADB 022201		SR26 DB, 8 m 046177		4 m, 25 mm <sup>2</sup> 043794		
pack TIG 220 AC/DC FV WL 012721	SR26 L, 8 m 046184			4 m, 25 mm <sup>2</sup> 043794	WCU 1kW A 1000W 039773	
pack TIG 220 AC/DC FV WDB 022218		SR26 DB, 8 m 046177		4 m, 25 mm <sup>2</sup> 043794	WCU 1kW A 1000W 039773	

TIG 250 AC/DC						
pack TIG 250 AC/DC L 035492	SR18 L, 8 m 045378			4 m, 25 mm <sup>2</sup> 043794		Chariots/Trolley max 10 m <sup>3</sup> 040960
pack TIG 250 AC/DC DB 012738		SR18 DB, 8 m 046092		4 m, 25 mm <sup>2</sup> 043794		Chariots/Trolley max 10 m <sup>3</sup> 040960

TITANIUM 400 AC/DC						
pack TIG 400 AC/DC WL 014770	450W L, 8 m 037359			4 m, 70 mm <sup>2</sup> 043831	WCU 1kW C 1000W 013537	Trolley TIG 400 (10 m <sup>3</sup> ) 037328
pack TIG 400 AC/DC WDB 063532		450W DB, 8 m 037366		4 m, 70 mm <sup>2</sup> 043831	WCU 1kW C 1000W 013537	Trolley TIG 400 (10 m <sup>3</sup> ) 037328

# HF IGNITION CONTROL UNIT

✓ 2T ✓ 4T  
✓ HF 9kV



EXATIG  
no accessories:  
013780



FULL CONTROL  
SPECIAL GENIUS 400 CC/CV



OPTIONS EXATIG  
Tuyau caoutchouc- Rubber hose, Ø 6.0 X 12 (DIN 73379) x2 045712  
Power cable 10 m 032446 x 2 for Exatig

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



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

# POWER SUPPLY FOR ORBITAL TIG DC

CAN OPEN PROTOCOL  
REAL TIME TRACKING  
✓ HF ✓ LIFT

ORBITIG 200A  
220 A 110 → 230 V • 1~  
PFC FV SR

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



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



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

	Ø (mm)	↔ (m)	⊥ (kg)	⊥ (kg)	
<b>Acier - Steel - Stahl (SG2)</b> AWS A 5.18 : ER70S-6 EN ISO 636A : W46 4 W351	1.2	1	587	5	069411
	1.6	0,33	60	0,33	087224
		1	319	5	087019
	2.0	0,33	40	0,33	087231
		1	204	5	087217
	2.4	0,33	27	0,33	069572
1		142	5	087033	
<b>Inox - Stainless - Edelstahl (308L)</b> AWS A 5.9 : ER 308L EN ISO 14343A : W199L	1.2	0,33	108	0,33	069510
	1.6	1	110	1	069497
		1	560	5	087118
	2.0	0,33	60	0,33	087248
		1	60	1	069428
	2.4	0,33	40	0,33	087255
1		40	1	069435	
<b>Inox - Stainless - Edelstahl (316L)</b> AWS A 5.9 : ER 316L EN ISO 14343A : W19 12 3L	1.2	0,33	108	0,33	069527
	1.6	1	110	1	069442
		1	560	5	069480
	2.0	0,33	60	0,33	087262
		1	60	1	069459
	2.4	0,33	40	0,33	087279
1		40	1	069466	
<b>Alu - Aluminium - Aluminio (AlMg5)</b> AWS A 5.10 : ER 5356 EN ISO 18273 : 5 Al 5356	1.2	0,33	180	0,33	069534
	1.6	1	920	5	087170
		0,33	40	0,33	087286
	2.0	1	590	5	087187
		0,33	27	0,33	069565
	2.4	1	410	5	087194
3.2		1	240	5	069503
<b>Cuivre - Copper - Kupfer (ErCu)</b>	2.0	0,33	36	0,33	069558
	<b>Laiton - Brass - Messing (CuZn40)</b>	2.0	0,33	5	-
<b>Titane - Titanium - Titan</b> T40 ERTI-2	1.6	0,33	83	0,25	069541

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



for Ø 1.0 - 3.2 mm  
130 x 15 mm  
065857

## COMMANDES DÉPORTÉES - Remote control - Fernregler



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

## SUPPORT TORCHE TIG MAGNÉTIQUE - TIG torch stand with magnetic base - WIG-Brennerhalter mit Magnetfuß



045002

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



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



053939

1.5 m 066670  
4 m 046269  
x m 046276

## ÉLECTRODES TUNGSTÈNE - Tungsten electrodes - Wolfram Elektroden

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

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

with accessories: 045415

**INCLUDED**

- Adaptateurs électrode - Electrode adaptor - Spannzange Ø 1.6 - Ø 2.4 - Ø 3.2 mm
- Adaptateurs électrode - Electrode adaptor - Spannzange
- Filtere poussière - Dust filter - Filterkassette 045422
- Disque diamanté Ø 40 / Diamond blade cutting disc Ø 40 / Diamantschleifscheibe Ø 40 045439
- Filter à particules de meulage intégré - Integrated and exchangeable filter - Integrierte Absaugung mit auswechselbarer Filterkassette

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

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

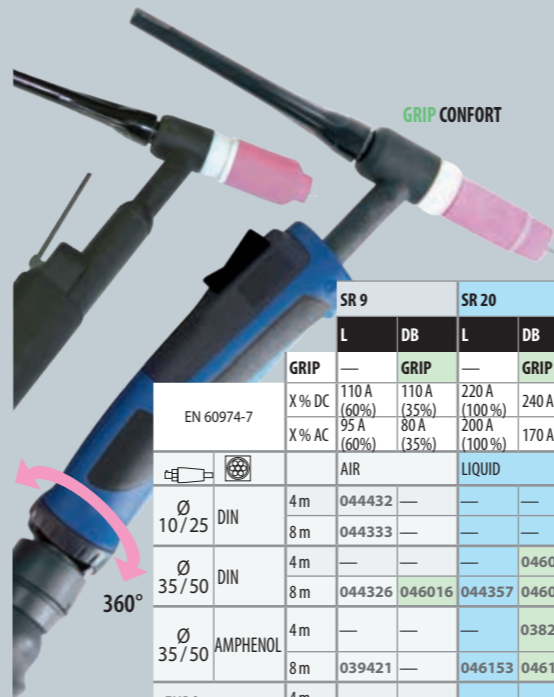
**BEST FROM GERMANY**

**CONNEXIONS TORCHE - TORCH CONNECTIONS**

DIN (5pts) x1 045729  
Amphenol (7 pts, male) x1 046238  
Amphenol (7 pts, female) x1 064379

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

GAZ - GAS Ø 5 mm x2 045705



■ = original equipment

	Ø 35 / 50	AMPHENOL	SR 9	SR 17	SR 26	SR 20	SR 18	260 W	450 W
TIG PRO 161 DC	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB				
TIG PRO 201 DC FV	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P				
TIG 220 DC FV	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P	L DB P			
TIG 300 DC	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P	L DB P			
TIG PRO 201 AC/DC FV	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P				
TIG PRO 201 AC/DC	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P	L DB P			
TIG 220 AC/DC FV	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P	L DB P	L DB	L	
TIG 250 AC/DC	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P	L DB P	L DB	L	L DB P
TITANIUM 400 AC/DC	Ø 35 / 50	AMPHENOL							L DB P
GENIUS 400 CC/CV	Ø 35 / 50	AMPHENOL	L DB	L DB	L DB P				L DB P

	GRIP	SR 9		SR 20		SR 17		SR 18		SR 26		260 W		450 W	
		L	DB	L	DB	P	V	BASIC	L	STANDARD	DB	L	DB	P	L
EN 60974-7	X % DC	110 A (60%)	110 A (35%)	220 A (100%)	240 A (100%)	140 A (60%)			140 A (35%)	320 A (100%)	320 A (100%)	240 A (60%)	180 A (35%)	240 A (100%)	400 A (100%)
	X % AC	95 A (60%)	80 A (35%)	200 A (100%)	170 A (100%)	125 A (60%)			100 A (35%)	240 A (100%)	230 A (100%)	200 A (60%)	130 A (35%)	170 A (100%)	280 A (100%)
		AIR		LIQUID		AIR		LIQUID		AIR		LIQUID			
Ø 10/25 DIN	4m	044432				044425			046009						
	8m	044333													
Ø 35/50 DIN	4m			046061		044401	044449	061583	046030			044463	046054	046115	
	8m	044326	046016	044357	046023	046139		044340	061590	046047		044371	046078	046122	
Ø 35/50 AMPHENOL	4m				038202				069398			046085		038271	
	8m	039421		046153	046146	047860			069404	045378	046092	046184	046177	047877	039353
EURO - connector (MIG)	4m								046108						
	8m														

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

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

## STANDARD

	SR 9 - SR 20	SR 17 - SR 18 - SR 26	260 W	450 W
N 2 - Ø 8.0			(x5) 039438	
N 3 - Ø 10			(x5) 039391	(x5) 037427
N 4 - Ø 6.5	(x3) 044876	(x3) 038394		
N 5 - Ø 8.0	(x3) 038356	(x3) 045026		
N 6 - Ø 9.5	(x3) 044883	(x3) 038400		
N 7 - Ø 11	(x3) 038363	(x3) 045033		
N 8 - Ø 12.5	(x3) 045170	(x3) 045286		
Ø 13				(x5) 037434
Ø 15				(x5) 037441
N 10 - Ø 16	(x3) 038370	(x3) 045293		
N 12 - Ø 19		(x3) 045309		
Ø 1.6	(x3) 044838	(x3) 044968		
Ø 2.0	(x3) 045149	(x3) 044975		
Ø 2.4	(x3) 044845	(x3) 044975		
Ø 3.2	(x3) 045248	(x3) 045118		
Ø 4		(x3) 047648		
Bague isolante standard - Insulating ring adaptor	(x1) 044890	(x1) 045040		
Ø 1.6	(x3) 044852	(x3) 044982	(x3) 039360	
Ø 2.0	(x3) 045132	(x3) 044999	(x3) 039377	
Ø 2.4	(x3) 044869	(x3) 045019	(x3) 039384	(x3) 037397
Ø 3.2	(x3) 045255	(x3) 045125		(x3) 037403
Ø 4		(x3) 047655		(x3) 037410
Ø 4.8				(x3) 063396
Longue - Long	(x1) 044821	(x1) 044951	(x1) 044746	(x1) 037380
Courte - Short	(x1) 044814	(x1) 044944	(x1) 039407	(x1) 037373

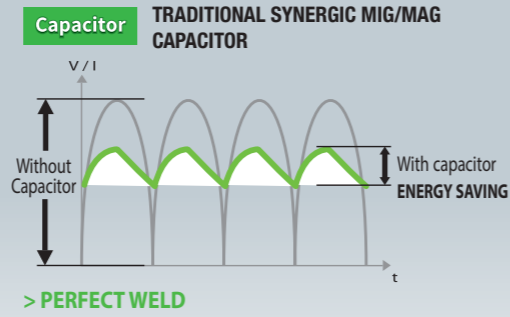
P  
Double bouton et potentiomètre - Double button with potentiometer - Doppeldrucktaster mit Potentiometer - Doble botón con potenciómetro - Duplo Botão com potenciômetro

	SR 9 - SR 20	SR 17 - SR 18 - SR 26	260 W	450 W
N 4 - Ø 6.5	(x3) 044920			
N 5 - Ø 8.0		(x3) 045071		
N 6 - Ø 9.5	(x3) 044937			
N 7 - Ø 11	(x3) 045262	(x3) 045088		
Ø 1.6	(x2) 044906	(x2) 045057		
Ø 2.0	(x2) 045156	(x2) 045064		
Ø 2.4	(x2) 044913	(x2) 045064		
Ø 3.2	(x2) 045279			
Bague isolante diffuseur - Insulating ring adaptor		(x1) 045095		
Bague isolante standard - Insulating ring		(x1) 045040		



UNIMIG/POWERMIG

# GMAW/FCAW MIG/MAG TRADITIONAL • SYNERGIC



### SYNERGIC • EASY TO USE

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

ACCESSORIES BOX



ijms PRO

25

UNIMIG / POWERMIG

MIG/MAG • TRADITIONAL



230 V • 1~

400 V • 3~

**UNIMIG 200-4**  
200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡  
GAS Capacitor  
3 m 2 m, 25 mm²  
065956

**UNIMIG 250-4**  
250 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡  
GAS Capacitor  
3 m 2.5 m, 25 mm²  
033092

**CARMIG**  
200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS  
3 m 3 m, 16 mm²  
032484

**POWERMIG 200-4**  
200 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡  
GAS  
3 m 2 m, 25 mm²  
034754

**POWERMIG 250-4 DV**  
250 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡  
GAS  
3 m 4 m, 25 mm²  
034761

**POWERMIG 300-4**  
300 A ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS  
no accessories :  
034778

CE NORME EN60974-1	50/60 Hz	⚡		-AM- A		min → max	Reg	EN60974-1 (40°C)		U <sub>0</sub> (V)	Electronic Control	m/min	⚡		⚡ ⚡ ⚡ ⚡		Capacitor Inside	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica		cm	kg	Protected & compatible power generator (+/-15%)		
		Norm	Intensive	IA (60%)	X% (I2 max)			200 mm 5 kg	300 mm 15 kg				GAS	NO GAS	mm	TYPE								
MADE IN CHINA	<b>UNIMIG 200-4</b>	230V 1~	—	2 m	16	25	25 → 200	6	110	200 A @ 15%	17+34	⚡	15	▪	▪	0.6+1.0	—	▪	0.8/1.0	A 041189	1.0 mm	76 × 78 × 47	70	7.5 kW
	<b>UNIMIG 250-4</b>	240V 1~	—	2 m	25	40	40 → 250	8	155	250 A @ 15%	17+38	⚡	20	▪	▪	0.8+1.2	—	▪	0.8/1.0	B 042360	1.0 mm	76 × 78 × 47	83.5	9 kW
	<b>CARMIG</b>	400V 3~	—	2 m	10	10	15 → 200	7	110	150 A @ 25%	17+34.5	⚡	—	▪	▪	0.6+1.0	—	—	0.6/0.8	B 042360	0.8 mm	79 × 77 × 47	50	5 kVA
MADE IN FRANCE	<b>POWERMIG 200-4</b>	400V 3~	▪	3 m	10	10	30 → 200	7	140	200 A @ 30%	17+34.5	⚡	15	▪	▪	0.6+1.0	—	—	0.8/1.0	B 042360	1.0 mm	76 × 78 × 47	70	7.5 kW
MADE IN CHINA	<b>POWERMIG 250-4 DV</b>	400V 3~ / 230V 3~	▪	5 m	10 / 16	16 / 25	35 → 250	10	180	250 A @ 30%	17+37	⚡	20	▪	▪	0.6+1.2	—	—	0.8/1.0	B 042360	1.0 mm	95 × 93 × 50	91.5	9 kW
MADE IN FRANCE	<b>POWERMIG 300-4</b>	400V 3~	▪	5 m	16	20	35 → 300	12	240	300 A @ 35%	17+37	⚡	20	▪	▪	0.6+1.2	0.9+1.2	—	1.0/1.2	B 046849	1.2 mm	95 × 93 × 50	100.5	12 kW



POWERMIG

EN 1090

ADJUSTABLE WIRE CREEP SPEED



# GMAW/FCAW MIG/MAG TRADITIONAL • SYNERGIC

WF WIRE FEEDER COMPATIBILITY



Ø 200/300

TF-4RN  
AIR  
063440

TF-4W  
LIQUID  
064775

ACCESSORIES BOX



27

POWERMIG

MIG/MAG • TRADITIONAL



35/50 mm<sup>2</sup>  
Ø 13 mm

Liquid cooling  
5.5 l  
liquid not included

35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm

35/50 mm<sup>2</sup>  
Ø 13 mm

Liquid cooling  
7 l  
liquid not included

35/50 mm<sup>2</sup>  
Ø 13 mm



COMPACT



GENERATOR

POWERMIG 400-4

400 V • 3~

350 A

Ø 200/300



no accessories:  
032101

POWERMIG 400-4 DV WS

230 / 400 V • 3~

350 A

Ø 200/300



no accessories:  
064768

POWERMIG 400-4 DUO.DV

230 / 400 V • 3~

350 A

Ø 200/300



no accessories:  
032125

POWERMIG 400 G.DV

230 / 400 V • 3~

350 A

WF LIQUID

no accessories:  
032118

POWERMIG 400 G.DV WS

230 / 400 V • 3~

350 A

WF LIQUID

no accessories:  
063846

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



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

Faisceaux de liaison - Connection cable - Zwischenschlauchpakete



**AIR COOLED**  
5 m 50 mm<sup>2</sup> 034822  
5 m 70 mm<sup>2</sup> 034839  
10 m 50 mm<sup>2</sup> 034853  
10 m 70 mm<sup>2</sup> 034860  
10 m 95 mm<sup>2</sup> 045941  
**LIQUID-COOLED**  
1.6 m 70 mm<sup>2</sup> 033696  
5 m 70 mm<sup>2</sup> 033641  
10 m 70 mm<sup>2</sup> 033658  
10 m 95 mm<sup>2</sup> 034877  
15 m 95 mm<sup>2</sup> 034884  
20 m 95 mm<sup>2</sup> 034891

Support cables  
037700



MADE IN FRANCE



EN60974-1

EN60974-1 (40°C)

50/60 Hz

Norm

Intensive

min → max

Reg

IA (60%)

X% (I2 max)

100%

Uo (V)

Electronic Control

m/min

200 mm 5 kg

300 mm 15 kg

GAS

NO GAS

Ø mm

Equipment d'origine

Original equipment

Originalausstattung

POWERMIG 400-4

400 V 3~

16

20

40 → 350

14

270

350 A @ 35%

220 A

17-42

20

20

0.6+1.6

—

1.0/1.2

B-046849

—

Air

95 × 90 × 40

112

20 kW

POWERMIG 400-4 DV WS

230 & 400 V 3~

230 V: 25

230 V: 40

40 → 350

14

270

350 A @ 35%

220 A

17-42

20

20

0.6+1.6

—

1.0/1.2

B-046849

—

Liquid

95 × 90 × 40

130

20 kW

POWERMIG 400-4 DUO.DV

230 & 400 V 3~

230 V: 25

230 V: 40

40 → 350

14

270

350 A @ 35%

220 A

17-42

20

20

0.6+1.6

0.9+1.6

1.0/1.2

B-046849

—

Air

95 × 90 × 40

113

20 kW

POWERMIG 400 G.DV

230 & 400 V 3~

230 V: 25

230 V: 40

40 → 350

14

270

350 A @ 35%

220 A

17-42

—

—

—

—

OPTION

—

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—

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—

—

—

POWERMIG 400 G.DV WS

230 & 400 V 3~

230 V: 25

230 V: 40

40 → 350

14

270

350 A @ 35%

220 A

17-42

—

—

—

OPTION

—

—

—

Liquid

95 × 90 × 40

113

20 kW

TF-4RN

—

—

—

—

—

—

—

—

—

20

20

0.6+1.6

0.9+1.6

1.0/1.2

B-046849

—

Air

61 × 48 × 25

15.5

20 kW

TF-4W

—

—

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—

Liquid

62 × 49 × 32

19

—

—

—

OPTIONS

26

X%

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

EN 1090



+/-

ADJUSTABLE :  
ELECTRONIC CONTROL

• CREEP SPEED  
• BURN BACK  
• POST GAS

g



±?

MATERIAL THICKNESS TEST



4

24 m/min max



**4 DRIVE ROLLERS Ø 37 mm**  
MOTOR 70W  
**HIGH QUALITY FOR HIGH PRECISION**  
Rollers Type C  
HEAVMIG 400-4, WS-4R, WS-4L

XL



HIGH STABILITY

360°

SHOCK RESISTANT

EASY CLEANING



HEAVMIG

GMAW/FCAW  
**MIG/MAG**  
TRADITIONAL • SYNERGIC



Max 10 m³ (50 L)

70/95 mm² Ø 13 mm



COMPACT

HEAVMIG 400-4

**350 A**

Ø 200/300



AIR

no accessories :  
032378



WIRE FEEDER COMPATIBILITY



WS-4R  
AIR  
031289  
WS-4L  
LIQUID  
033207

OPTIONS WS-4R/4L



Skate  
040977



Wirefeeder support  
details p.51  
036277



SMALL SIZE  
Ø 200  
WS-4L  
AIR  
LIQUID  
032804



Max 10 m³ (50 L)

70/95 mm² Ø 13 mm



GENERATOR

HEAVMIG 400 GR

**350 A**

AIR



no accessories :  
032385



70/95 mm² Ø 13 mm

HEAVMIG 500 WS

**450 A**



no accessories :  
032392

HEAVMIG

MIG/MAG • TRADITIONAL

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ims PRO

OPTIONS

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



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

Faisceaux de liaison - Connection cable  
- Zwischenschlauchpakete



**AIR COOLED**  
5 m 50 mm² 034822  
5 m 70 mm² 034839  
10 m 50 mm² 034853  
10 m 70 mm² 034860  
10 m 95 mm² 045941  
**LIQUID-COOLED**  
1.6 m 70 mm² 033696  
5 m 70 mm² 033641  
5 m 70 mm² 033658  
10 m 95 mm² 034877  
15 m 95 mm² 034884  
20 m 95 mm² 034891

**GOUGING** Gougeage - Gouging - Fugenhobeln



Ø 8 mm max  
041516



Câble pour pince de gougeage  
- Cable for gouging torch  
- Anschlusskabel für Fugenhobel-Brenner  
70 mm² - 5 m  
040670



Électrodes de gougeage  
- Gouging - Electrodes  
- Fugenhobelelektrode  
- Electrodo de carbono  
Ø 5 mm (x50) 069756  
Ø 6.4 mm (x50) 086081  
Ø 8 mm (x50) 086098

Screen protection included with HEAVMIG

046191

Cable support (x4)  
046535




Model	Voltage	Current	Reg	I(A)	X% (I2 max)	100%	U <sub>0</sub> (V)	Electronic Control	m/min	Wire Feed		Gas		Ø mm	TYPE	Cooling system	cm	kg	Protected & compatible power generator (+/-15%)
										200 mm	300 mm	GAS	NO GAS						
HEAVMIG 400-4	400V 3~	20	25	40+350	20	320	350 A @ 50%	260 A	17-43	24	■	■	0.6+1.6	0.9+1.6	1.0/1.2 mm	C	46 x 93 x 110	134	20 kW
HEAVMIG 400 GR	400V 3~	20	25	40+350	20	320	350 A @ 50%	260 A	17-43	24	■	■	0.6+1.6	0.9+1.6	1.0/1.2 mm	C	46 x 93 x 110	134	20 kW
HEAVMIG 500 WS	400V 3~	25	32	45+450	30	410	450 A @ 50%	320 A	18-51	24	■	■	0.6+1.6	0.9+1.6	1.0/1.2 mm	C	48 x 93 x 110	157	30 kW
WS-4R	400V 3~	20	25	40+350	20	320	350 A @ 50%	260 A	17-43	24	■	■	0.6+1.6	0.9+2.4	1.0/1.2 mm	C	68 x 56 x 35.5	22	—
WS-4L	400V 3~	20	25	40+350	20	320	350 A @ 50%	260 A	17-43	24	■	■	0.6+1.6	0.9+1.6	1.0/1.2 mm	C	68 x 56 x 35.5	22	—
WS-4L	400V 3~	20	25	40+350	20	320	350 A @ 50%	260 A	17-43	20	■	■	0.6+1.6	0.9+1.6	0.8/1.0 mm	B	32 x 49 x 23	12	—

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PROMIG 400-4S

	<b>pack PROMIG 400-4S 1</b> 032149		 TYPE B				Fe/CrNi	Alu
	<b>pack PROMIG 400-4S 2</b> 036550		Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 040915	4m, 50 mm <sup>2</sup> 047853		350 A, 4 m, air 040946	


PROMIG 400-4S DV WS

	<b>pack PROMIG 400-4S DV WS 1</b> 064782		Ø1/1.2 (original equipment)		4m, 50 mm <sup>2</sup> 047853		500 A, 4 m, liquid 041004	
	<b>pack PROMIG 400-4S DV WS 2</b> 064799		Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 040915	4m, 50 mm <sup>2</sup> 047853		500 A, 3 m, liquid 046160	


PROMIG 400-G.DV

	<b>pack PROMIG 400-G.DV 1</b> 032156	TF-4RN 063440	Ø1/1.2 (original equipment)		4m, 50 mm <sup>2</sup> 047853	10 m, air, ø 70 mm <sup>2</sup> 034860	350 A, 4 m, air 040946	
	<b>pack PROMIG 400-G.DV 2</b> 036567	TF-4RN 063440	Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 040915	4m, 50 mm <sup>2</sup> 047853	10 m, air, ø 70 mm <sup>2</sup> 034860	350 A, 3 m, air 040731	

PROMIG 400-4S DUO DV

	<b>pack PROMIG 400-4S DUO DV 1</b> 036574		Ø1/1.2 (original equipment)		4m, 50 mm <sup>2</sup> 047853		350 A, 4 m, air 040946	
	<b>pack PROMIG 400-4S DUO DV 3</b> 032163	TF-4RN 063440	Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 040915	4m, 50 mm <sup>2</sup> 047853	10 m, air, ø 70 mm <sup>2</sup> 034860	350 A, 4 m, air 040946	350 A, 3 m, air 040731

PROMIG 400 G.DV WS

	<b>pack PROMIG 400 G.DV WS 2</b> 064805	TF-4W 064775	Ø1/1.2 (original equipment)		4m, 50 mm <sup>2</sup> 047853	10 m, liquid, ø 70 mm <sup>2</sup> 033658	500 A, 4 m, liquid 041004	
	<b>pack PROMIG 400 G.DV WS 4</b> 064812	TF-4W 064775	Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 040915	4m, 50 mm <sup>2</sup> 047853	10 m, liquid, ø 70 mm <sup>2</sup> 033658		500 A, 3 m, liquid 046160

HEAVYMIG 400-4

	<b>pack HEAVYMIG 400-4 1</b> 032507		 TYPE C				Fe/CrNi	Alu
	<b>pack HEAVYMIG 400-4 2</b> 032514		Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 042162	4m, 50 mm <sup>2</sup> 047853		350 A, 4 m, air 040946	350 A, 3 m, air 040731

HEAVYMIG 400-GR

	<b>pack HEAVYMIG 400 GR 1</b> 032521	WS-4R 031289	Ø1/1.2 (original equipment)		4m, 50 mm <sup>2</sup> 047853	10 m, air, ø 70 mm <sup>2</sup> 034860	350 A, 4 m, air 040946	
	<b>pack HEAVYMIG 400 GR 2</b> 032538	WS-4R 031289	Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 042162	4m, 50 mm <sup>2</sup> 047853	10 m, air, ø 70 mm <sup>2</sup> 034860	350 A, 3 m, air 040731	

HEAVYMIG 500 WS

	<b>pack HEAVYMIG 500 WS 1</b> 032545	WS-4L 033207	Ø1/1.2 (original equipment)		4m, 70 mm <sup>2</sup> 043831	10m, liquid, ø 70 mm <sup>2</sup> 033658	500 A, 4 m, liquid 041004	
	<b>pack HEAVYMIG 500 WS 2</b> 032552	WS-4L 033207	Ø1/1.2 (original equipment)	Alu, Ø1/1.2 (x2) 042162	4m, 70 mm <sup>2</sup> 043831	10m, liquid, ø 70 mm <sup>2</sup> 033658		500 A, 3 m, liquid 046160

Cooling liquid (not included)

- 5L  
062511
- 10L  
052246







GOLD MULTI

# GMAW/FCAW MIG/MAG INVERTER • SYNERGIC

EASY TO USE

Example / Exemple GOLD MULTI 160-2



## 1 MIG / MANUAL

Enter your parameters

## 2 MIG / SYNERGIC

Easy to use

Select :

1. material	Fe	CrNi
2. Ø wire	AlMg5	CuSi3
3. position	AlSi5	AlSi12
4. thickness	CuAl8	F.C.

Adjust arc length

**3 in 1**

GAS  
NO GAS  
MMA

OR

**4 in 1**

GAS  
NO GAS  
MMA  
TIG

## 3 MMA

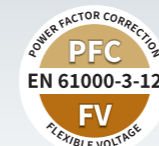
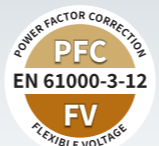
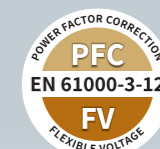
HotStart ArcForce

Electrodes : Ø 1.6 → 5 mm

## 4 TIG lift

Post Gas Downslope

Thickness : 0.5 → 8 mm



3 in 1

4 in 1

### GOLD MULTI 140-2

**140 A** ⚡ ⚡ ⚡

GAS NO GAS MMA

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

032590



### GOLD MULTI 160-2

**160 A** ⚡ ⚡ ⚡

GAS NO GAS MMA

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

032606



### GOLD MULTI 180-4 XL

**180 A** ⚡ ⚡ ⚡

GAS NO GAS MMA

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

071971

### GOLD MULTI 210-2

**200 A** ⚡ ⚡ ⚡

GAS NO GAS MMA TIG

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

066502

### GOLD MULTI 210-4 XL

**200 A** ⚡ ⚡ ⚡

GAS NO GAS MMA TIG

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

066519

### GOLD MULTI 211-4

**200 A** ⚡ ⚡ ⚡

GAS NO GAS MMA TIG

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

066526

OPTIONS

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

TIG torch kit SR17 DB  
4 m  
046108

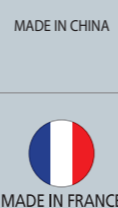


KIT SOUDAGE NO GAZ Ø 0.9  
- No Gas Welding Kit Ø 0.9  
- Schweißset Fülldraht

041240 **150 A** type A

NO GAS  
more p.51

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



	EN60974-1 (40°C)	MIG			EN60974-1 (40°C)	Uo (V)	Electronic Control	MIG max	MIG			MIG		MMA	Ø mm	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica	cm	kg	Protected & compatible power generator (+/-15%)				
		min	max	100 mm 1 kg					200 mm 5 kg	300 mm 15 kg	GAS	NO GAS											
MADE IN CHINA	GOLD MULTI 140-2	230V 1~	16	20 → 120	—	30 → 140	80	140 A @ 15%	62	⚡	10	—	—	—	0.6 → 0.8	0.6 → 0.9	1.6 → 3.2	0.8 (gas) / 0.9 (no gas)	D	0.8/0.9	43 x 42 x 19	11.3	—
		230V 1~	16	20 → 140	—	30 → 160	95	160 A @ 20%	59	⚡	10	—	—	—	0.6 → 0.8	0.6 → 0.9	1.6 → 3.2	0.8 (gas) / 0.9 (no gas)	A	0.8/0.9	50 x 36 x 25	14.3	—
		230V 1~	16	20 → 150	—	30 → 180	110	180 A @ 20%	59	⚡	10	—	—	—	0.6 → 0.8	0.6 → 0.9	1.6 → 3.2	0.8 (gas) / 0.9 (no gas)	A	0.8/0.9	55 x 44 x 25	15.7	—
MADE IN FRANCE	GOLD MULTI 210-2	110V 1~	32	10 → 130	10 → 160	20 → 150	100	150 A @ 22%	76	⚡	15	—	—	—	0.6 → 1.0	0.9 → 1.2	1.6 → 3.2	0.8 / 1.0	A	0.8/1.0	25 x 45 x 35	16	7.5 kW
		230V 1~	13	10 → 200	10 → 200	20 → 200	130	200 A @ 20%	75	⚡	15	—	—	—	0.6 → 1.0	0.9 → 1.2	1.6 → 5.0	0.8 / 1.0	A	0.8/1.0	27.5 x 55 x 44	20	7.5 kW
		230V 1~	13	10 → 200	10 → 200	20 → 200	130	200 A @ 20%	75	⚡	15	—	—	—	0.6 → 1.0	0.9 → 1.2	1.6 → 5.0	0.8 / 1.0	B	0.8/1.0	41 x 73 x 77	27	7.5 kW
MADE IN FRANCE	GOLD MULTI 210-4 XL	110V 1~	32	10 → 130	10 → 160	20 → 150	100	150 A @ 22%	76	⚡	15	—	—	—	0.6 → 1.0	0.9 → 1.2	1.6 → 3.2	0.8 / 1.0	B	0.8/1.0	27.5 x 55 x 44	20	7.5 kW
		230V 1~	13	10 → 200	10 → 200	20 → 200	130	200 A @ 20%	75	⚡	15	—	—	—	0.6 → 1.0	0.9 → 1.2	1.6 → 5.0	0.8 / 1.0	B	0.8/1.0	41 x 73 x 77	27	7.5 kW

ims PRO

33

GOLD MULTI

MIG/MAG • INVERTER

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

10/25 mm<sup>2</sup>  
Ø 9 mm

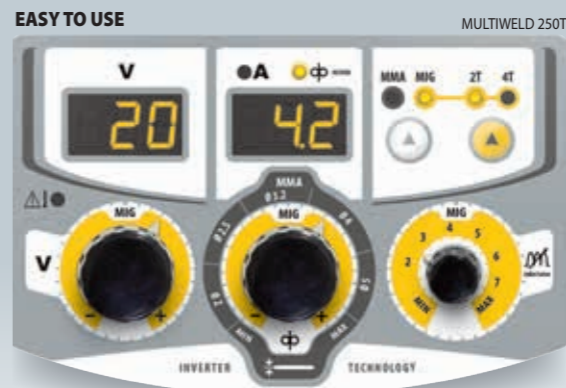
32



# GMAW/FCAW MIG/MAG INVERTER

**3**  
in 1  
GAS  
NO GAS  
MMA

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



230V • 1~

400V • 3~

### MULTIWELD 160M

230V • 1~  
**160 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking

2,5 m 2 m, 16 mm<sup>2</sup> 2 m, 16 mm<sup>2</sup>  
063464

### MULTIWELD 200M

230V • 1~  
**200 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking

2,5 m 2 m, 16 mm<sup>2</sup> 2 m, 16 mm<sup>2</sup>  
066786

### MULTIWELD FV 220M-C

110V / 230V • 1~  
**220 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking  
FV

3 m 2,5 m, 25 mm<sup>2</sup> 2 m, 25 mm<sup>2</sup>  
066816

### MULTIWELD FV 220M

110V / 230V • 1~  
**220 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking  
FV

3 m 2,5 m, 25 mm<sup>2</sup> 2 m, 25 mm<sup>2</sup>  
066809

### MULTIWELD 250T-C

400V • 3~  
**250 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking

no accessories:  
063525  
4 m 4 m, 35 mm<sup>2</sup> 4 m, 25 mm<sup>2</sup>  
063501 Delivered in x4

### MULTIWELD 250T

400V • 3~  
**250 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking

no accessories:  
063518  
4 m 4 m, 35 mm<sup>2</sup> 4 m, 25 mm<sup>2</sup>  
063495 Delivered in x4

### MULTIWELD 320T-C

400V • 3~  
**320 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking

no accessories:  
063488  
4 m 4 m, 35 mm<sup>2</sup> 4 m, 35 mm<sup>2</sup>  
065154 Delivered in x4

### MULTIWELD 320T

400V • 3~  
**320 A** ⚡ ⚡ ⚡ ⚡ ⚡  
GAS NO GAS MMA Anti Sticking

no accessories:  
063471  
4 m 4 m, 35 mm<sup>2</sup> 4 m, 35 mm<sup>2</sup>  
065147 Delivered in x4

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

250 A type A 072336  
250 A type B 072343

NO GAS  
more p.51

#### CO2 Gas heater and regulator

MULTIWELD only  
AC36V/150W

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



- Base
- Ceramic nozzle
- M6 - Ø 0.9/1.0
- Type A Ø 0.9-1.0/1.2

EN60974-1	MADE IN GYS CHINA	50/60 Hz	A	EURO	I <sub>2</sub> MMA	I <sub>2</sub> MIG	EN60974-1 (40°C)				U <sub>0</sub> (V)	Electronic Control	200 mm 5 kg		300 mm 15 kg		⚡ ⚡ ⚡ ⚡ ⚡		⚡ ⚡ ⚡ ⚡ ⚡	Equipment d'origine Original equipment Originalausstattung Equipamiento de fabrica	TYPE	cm	kg	kW
							MIG	MMA	MIG	MMA			GAS	NO GAS	MMA	⚡ ⚡ ⚡ ⚡ ⚡								
MULTIWELD 160M		230V 1~	16	■	20 + 140	30 + 160	95	160 A @ 20%	90	140 A @ 20%	59	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 0.8	0.9	1.6 + 3.2	0.8 (gas) / 0.9 (no gas)	A-046856	0.8	79 × 77 × 47	30	5 kW	
MULTIWELD 200M		230V 1~	16	■	20 + 180	30 + 200	—	—	—	—	—	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 4	0.8/1.0	A-041189	—	—	—	9 kW	
MULTIWELD FV 220M-C		110V 1~ 230V 1~	16	■	30 + 200	30 + 220	160	220 A @ 20%	140	200 A @ 20%	75	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 5	0.8/1.0	A-041189	—	58 × 52 × 34	24	9 kW	
MULTIWELD FV 220M		110V 1~ 230V 1~	16	■	30 + 200	30 + 220	160	220 A @ 30%	140	200 A @ 20%	75	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 5	0.8/1.0	A-041189	—	79 × 77 × 47	32	9 kW	
MULTIWELD 250T-C		400V 3~	16	■	40 + 220	40 + 250	170	250 A @ 20%	150	220 A @ 20%	59	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 5	0.8/1.0	A-041189	—	58 × 52 × 32	32	9 kW	
MULTIWELD 250T		400V 3~	16	■	40 + 250	40 + 250	200	250 A @ 30%	200	250 A @ 30%	59	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 5	0.8/1.0	A-041189	—	79 × 77 × 47	40	9 kW	
MULTIWELD 320T-C		400V 3~	16	■	40 + 300	40 + 320	200	320 A @ 20%	180	300 A @ 20%	59	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 6	0.8/1.0	B-042360	—	58 × 52 × 34	38	13 kW	
MULTIWELD 320T		400V 3~	16	■	40 + 300	40 + 320	240	320 A @ 30%	220	300 A @ 30%	59	⚡ ⚡ ⚡ ⚡ ⚡	■	■	0.6 + 1.2	0.9 + 1.2	1.6 + 6	0.8/1.0	B-042360	—	77 × 79 × 47	44	13 kW	

**MIG WIRE FEEDER**



**GENFEED 4L**  
032620

AIR LIQUID

**PUSH PULL COMPATIBILITY**

**CONNECTION CABLE**



**AIR COOLED**

5 m 70 mm <sup>2</sup>	047587
10 m 70 mm <sup>2</sup>	047594
10 m 95 mm <sup>2</sup>	047600
15 m 95 mm <sup>2</sup>	038349
20 m 95 mm <sup>2</sup>	038431

**LIQUID COOLED**

1.8 m 70 mm <sup>2</sup>	037243
5 m 70 mm <sup>2</sup>	047617
10 m 70 mm <sup>2</sup>	047624
10 m 95 mm <sup>2</sup>	047631
15 m 95 mm <sup>2</sup>	038448
20 m 95 mm <sup>2</sup>	038455

**ROLLERS**  
047020



**SKIS**  
047037



**REMOTE CONTROL**  
RC-HA2  
10m (GENFEED only)  
047679



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

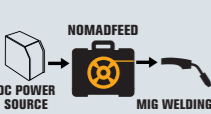


MADE IN FRANCE

EN60974-1 (40°C)	max	200 mm 5 kg	300 mm 15 kg	GAS	NO GAS	TYPE	cm	kg
IA (60%)	X% (I2 max)	Electronic Control	m/min	Ø mm	Equipment d'origine - Original equipment - Originalausstattung - Equipamiento de fabrica	TYPE	cm	kg
500	60	22	22	0.6+1.6 0.9+2.4	1.0/1.2 mm	C-042117	70 x 51 x 38	20.5

**MIG PORTABLE FEEDER**

**UNIVERSAL CHANTIER - JOBSITE**



**NOMADFEED 425-4 CC/CV**  
036291



**OPTIONS**

**ADAPTER KIT FOR OPEN ARC TORCH**  
068636



**NOMADFEED CABLE**

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

**TIG HF**



MADE IN FRANCE

**UNIVERSAL**



details p.21



**GENIUS**

**7 in 1 MULTIPROCESS INVERTER CC/CV**

- MMA**  
Kits MMA p. 11
- MMA • PULSE**  
Kits MMA p. 11
- TIG DC LIFT**  
Torches & consumables p. 22
- GOUGING**  
Accessories p. 11
- MIG Wire feeder**  
GENFEED 4L
- MIG Portable feeder**  
NOMADFEED 425-4 CC/CV
- TIG HF**  
EXATIG



**GENIUS 400 CC/CV**

400 V • 3 ~ 400A  
60 %

SR VRD inside AD IP 23

no accessories  
032613

VRD inside Voltage Reduction Device

MEMORY : 50 MMA JOBS + 50 TIG JOBS

QUICK ACCESS  
Program charge mode easy

EASY USB UPDATE  
DIRECT COMPUTER

ROBUST DESIGN

IP 23

INDOOR / OUTDOOR



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



70/95 mm<sup>2</sup>  
Ø 13 mm

**GENIUS**

**7 in 1 • MULTIPROCESS INVERTER CC/CV**

**COMPLETE PACKS**

**GENIUS**

	GENFEED 4L 032620	liquid not included	10 m, air, ø 70 mm <sup>2</sup> 047594	TYPE C, Ø 1/1.2 (Original Equipment)	4m, 70 mm <sup>2</sup> 043831	1105 x 1135 x 540 mm 037328	350 A, 4 m, air 040946
	GENFEED 4L 032620	GENCOOL 1000W 032637	10 m, liquid, ø 95 mm <sup>2</sup> 047631	TYPE C, Ø 1/1.2 (Original Equipment)	4m, 70 mm <sup>2</sup> 043831	1105 x 1135 x 540 mm 037328	500 A, 4 m, liquid 041004

EN60974-1	MADE IN FRANCE	50/60 Hz	A	A	A	A	MMA/TIG/MIG EN60974-1 (40°C)	IA (60%)	X% (I2 max)	100%	Uo	cm	kg	Protected & compatible power generator (+/-15%)
<b>GENIUS 400 CC/CV</b>		400V 3~	32 A	20+400	5+400	15+400	400	60	350 A	84V	58 x 52 x 30	36	30 kW	36 kVA



# GMAW/FCAW MIG/MAG INVERTER • PULSE

## CUSTOMISATION NEW



## ACCESSIBILITY

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

MIG Pulse



MIG Manual

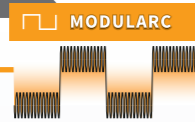


MIG Standard



## MIG

MANUAL	STANDARD DYNAMIC
SPOT	PULSE



## TIG

LIFT
PULSE

## MMA

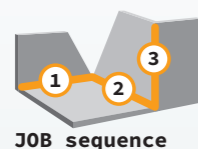
STANDARD
PULSE

## GOUGING

Ø 4 > 6.4 (400G)
Ø 4 > 8 (500G)

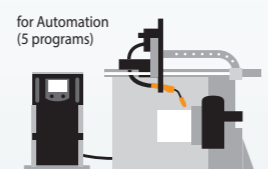
## MANUAL

### QUICK LOAD



## AUTOMATION

### CONNECT 5



### SAM

Automation module compatibility SAM-1N MIG/GMAW (details p.58)



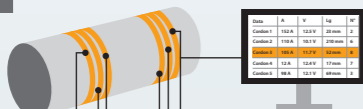
## CONNECTIVITY

### TRACEABILITY

History data export

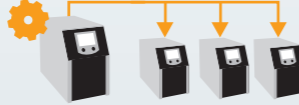
- QMOS - WPQR
- DMOS - WPS

ENERGY CONTROL : 20 kHz, kJ or kJ/cm



### PORTABILITY

Share configuration & jobs



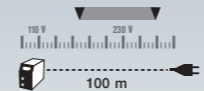
### SOFTWARE UPDATE

PULSEMIG evolutions

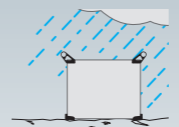


## PFC POWER FACTOR CORRECTION

185 V ← 265 V



## IP 23 INDOOR / OUTDOOR



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



35/50 mm<sup>2</sup>  
Ø 13 mm

230 V • 1 ~

## PULSEMIG 220 C XL

230 V • 1 ~	220 A	Ø 200/300
PFC	AIR	MMA
TIG	IP 23S	

no accessories/no trolley  
063280

## OPTIONS

<b>USB key</b> 16 Go/GB included 062344	<b>Push Pull (24V/42V)</b> Connector 14pt, male 047686	<b>JOB SITE XL</b> 600 x 1150 x 584 mm 039568
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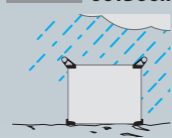
 EN60974-1 EN60974-5 EN60974-10	 MADE IN FRANCE	 50 / 60 Hz	 A	 A	 PUSH/PULL	 I (60%) X% (I2 max)	 100%	 Uo	 Electronic Control	 m/min	 GAS	 NO GAS	 200 mm 5 kg 300 mm 15 kg	 acier-steel 0.8/1.0 mm	 TYPE	 cm	 kg	 Protected & compatible power generator (+/-15%)	 7.5 kW
<b>PULSEMIG 220 C XL</b>																			



# GMAW/FCAW MIG/MAG

INVERTER • PULSE

IP 23 INDOOR / OUTDOOR



PULSEMIG 320C, 400 CW & PULSFEEED 4W



NEW

35/70 mm<sup>2</sup>  
Ø 13 mm

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

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

OPTION



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

400 V • 3 ~

### PULSEMIG 320 C

**320 A** ⚡ ⚙️ ⚙️ ⚙️ ⚙️  
AIR MMA TIG WF ✓  
IP 23

no accessories/no trolley  
062641

### PULSEMIG 400 CW **NEW**

**400 A** ⚡ ⚙️ ⚙️ ⚙️ ⚙️ **400 A - 60%**  
AIR LIQUID MMA TIG WF ✓  
GOUGING AD IP 23

no accessories/no trolley  
062658

400 V • 3 ~ • GENERATOR

### PULSEMIG 400 G

**400 A** ⚡ ⚙️ ⚙️ ⚙️ ⚙️ **400 A - 60%**  
WF ✓ MMA TIG GOUGING  
IP 23

no accessories/no trolley  
062665

### PULSEMIG 500 G

**500 A** ⚡ ⚙️ ⚙️ ⚙️ ⚙️ **500 A - 50%**  
WF ✓ MMA TIG GOUGING  
IP 23

no accessories/no trolley  
062672



PULSFEEED 4W  
062689



70/95 mm<sup>2</sup>  
Ø 13 mm

**OPTION**  
Cooling unit 1000 W, 5.5 L  
liquid not included  
**PULSCOOL**  
036246



70/95 mm<sup>2</sup>  
Ø 13 mm

CE NORM. EN60974-1 EN60974-5 EN60974-10	MADE IN FRANCE	50 / 60 Hz	A	min → max	PUSH/PULL	MIG EN60974-1 (40°C)			Electronic Control	m/min	GAS	NO GAS	Ø mm		Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica	cm	kg	Protected & compatible power generator (+/-15%)	
						I (60%)	X% (I2 max)	100%					Uo	200 mm 5 kg					300 mm 15 kg
<b>PULSEMIG 320 C</b>		400 V • 3 ~	25	10 → 320	24/42 V	300 A	40%	280 A	85 V	22	0.6 + 1.2	0.9 + 1.6	■	■	acier-steel 1/1.2 mm	F (061873)	30 × 68 × 55	37	13 kW
<b>PULSEMIG 400 CW</b>		400 V • 3 ~	32	10 → 400	24/42 V	400 A	60%	360 A	85 V	22	0.6 + 1.6	0.9 + 2.4	■	■	acier-steel 1/1.2 mm	F (061873)	96 × 51 × 85	78	20 kW

CE NORM. EN60974-1	MADE IN FRANCE	50 / 60 Hz	A	min → max	PUSH/PULL	EN60974-1 (40°C) MIG			Electronic Control	cm	kg	Protected & compatible power generator (+/-15%)
						I (60%)	X% (I2 max)	100%				
<b>PULSEMIG 400 G</b>		400 V • 3 ~	32	10 → 400	—	400 A	60%	360 A	85 V	68 × 30 × 42	31	20 kW
<b>PULSEMIG 500 G</b>		400 V • 3 ~	32	10 → 500	—	470 A	50%	440 A	85 V	68 × 30 × 42	32	25 kW

**WF** MIG WIRE FEEDER

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

**PULSFEED 4W**

AIR

**LIQUID**

IP 23



**PUSH PULL COMPATIBILITY 24/42V**

connection cable not included  
062689



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

**OPTIONS**

**CONNECTION CABLES**



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

**ROLLERS**

047020

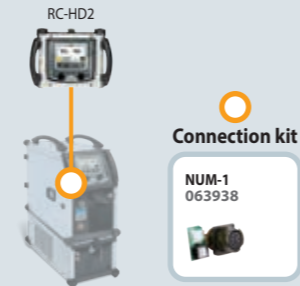


**SKIS**

047037



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



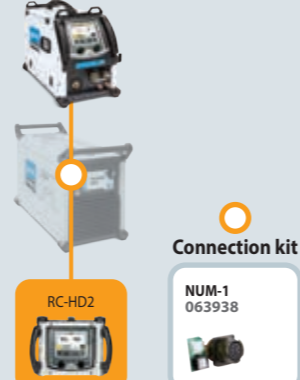
**CONFIGURATION 2**



**PULSEMIG 400G & 500G CONFIGURATION 1**



**CONFIGURATION 2**



**EXTEND PRODUCTIVITY**

**x2 DOUBLE WIRE FEEDER**

- ✓ PULSEMIG 400G
- ✓ PULSEMIG 500G



**DOUBLE WIRE FEEDER OPTIONS**



Fixation kit for trolley T/M 400A  
064690

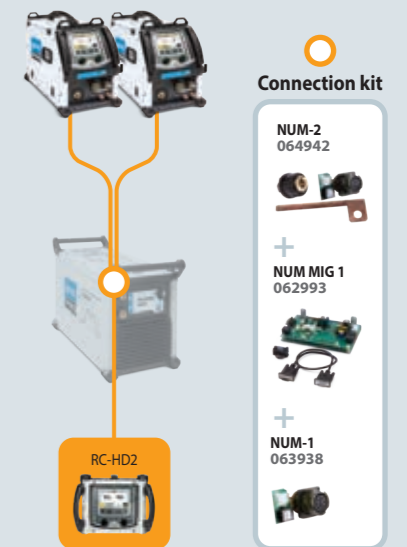


**TWINCOOL**  
Cooling unit 1000 W, 5.5 L liquid not included  
065086

**PULSEMIG 400G & 500G CONFIGURATION 1**



**CONFIGURATION 2**



**REMOTE CONTROL**

- ✓ PULSEMIG 320C
- ✓ PULSEMIG 400 CW
- ✓ PULSEMIG 400G
- ✓ PULSEMIG 500G
- ✓ PULSFEED 4W

**RC-HD2**



**SOFTWARE UPDATE**

command cable not included  
062122



**included fixation**



**Command cable**

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



**OPTIONS**



**MAGNETFIX 50**  
029637



Fixing kit 2 for trolley T/M 400A  
037779

**OPTIONS**

**RC-HA2**  
10m  
047679



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

Skate for PULSEMIG 320C + WCU  
037717



USB key 16 Go/GB included  
062344

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



Filter kit  
063143

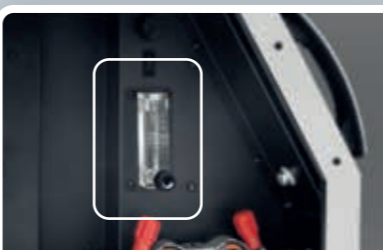


Cooling liquid (not included)

- 5L 062511
- 10L 052246



**NEW**



**Kit débitmètre 5-30 L/min**

- ✓ PULSFEED 4W
- ✓ PULSEMIG 320 C
- ✓ PULSEMIG 400 CW

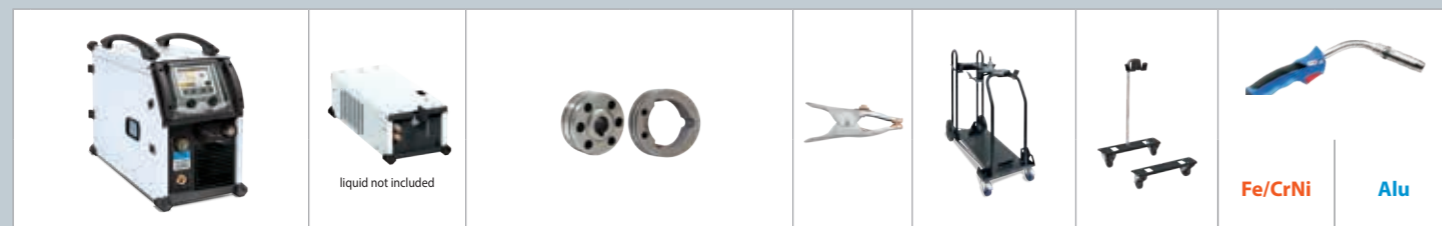


073395



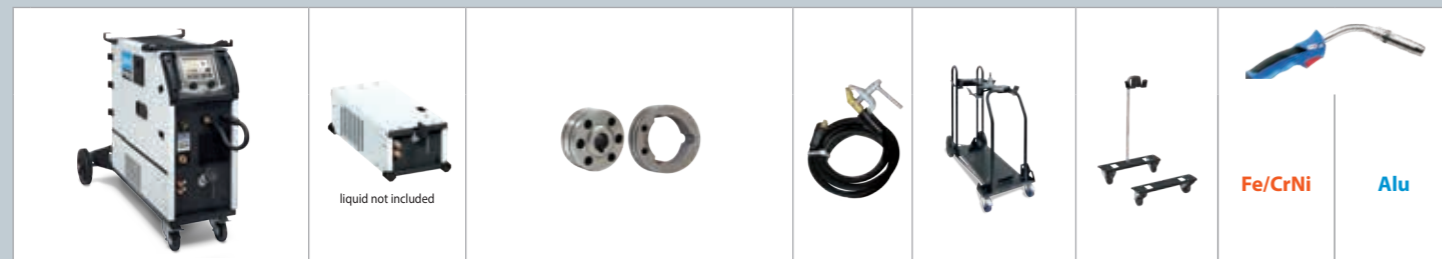
**PULSEMIG 220C XL**

<b>pack PULSEMIG 220CXL A1</b> 063655			TYPE B, Ø 0.8/1 (x2) (Original Equipment)	4 m, 35 mm <sup>2</sup> 043817				250 A, 4 m, air 040922	
<b>pack PULSEMIG 220CXL A2</b> 063662			TYPE B, Ø 0.8/1 (x2) (Original Equipment)	TYPE B, Alu, Ø 1/1.2 (x2) 040915	4 m, 35 mm <sup>2</sup> 043817			250 A, 3 m, air 040724	



**PULSEMIG 320C**

<b>pack PULSEMIG 320C A1</b> 063679			TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 70 mm <sup>2</sup> 036994				350 A, 4 m, air 040946	
<b>pack PULSEMIG 320C A2</b> 063686			TYPE F, Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu, Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 036994			350 A, 3 m, air 040731	
<b>pack PULSEMIG 320C W1</b> 063693	WCU 1kW C 013537		TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 70 mm <sup>2</sup> 036994		T/M 400 037328		300 A, 4 m, liquid 043275	
<b>pack PULSEMIG 320C W2</b> 063709	WCU 1kW C 013537	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu, Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 036994		T/M 400 037328		300 A, 3 m, liquid 040748	
<b>pack PULSEMIG 320C W3</b> 063716	WCU 1kW C 013537	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu, Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 036994			Skate 037717	300 A, 3 m, liquid 040748	



**PULSEMIG 400CW**

<b>pack PULSEMIG 400CW 1</b> 071773				4m, 70 mm <sup>2</sup> 043831				500 A, 4 m, air 041004	
<b>pack PULSEMIG 400CW 2</b> 073104			TYPE F, Alu, Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831				500 A, 3 m, air 046160	

**Cooling liquid**  
(not included)

5L  
062511

10L  
052246



**PULSEMIG 400G**

<b>pack PULSEMIG 400G A1</b> 063549	PULSFEED 4W 062689			5 m, air, Ø 70 mm <sup>2</sup> 047587	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328		450 A, 4 m, air 045392			
<b>pack PULSEMIG 400G W1</b> 063556	PULSFEED 4W 062689	PULSCOOL 1000W 036246		10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F, Ø 1/1.2 (x4) (Original Equipment)	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328		500 A, 4 m, liquid 041004			
<b>pack PULSEMIG 400G W2</b> 063563	PULSFEED 4W 062689	PULSCOOL 1000W 036246		10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328		500 A, 3 m, liquid 046160		
<b>pack PULSEMIG 400G W3</b> 067110	<b>x2</b> PULSFEED 4W 062689	TWINCOOL 1000W 065086		<b>x2</b> 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	fixation kit 064690	500 A, 4 m, liquid 041004	500 A, 3 m, liquid 046160	Kit NUM-2 064942
<b>pack PULSEMIG 400G W4</b> 067127	<b>x2</b> PULSFEED 4W 062689	<b>x2</b> Rollers 047020	TWINCOOL 1000W 065086	<b>x2</b> 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831		Pallet trolley 064621	500 A, 4 m, liquid 041004	500 A, 3 m, liquid 046160	Kit NUM-2 064942
<b>pack PULSEMIG 400G W5</b> 073111	PULSFEED 4W 062689		PULSCOOL 1000W 036246	10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328			500 A, 3 m, liquid 046160	
<b>pack PULSEMIG 400G W6</b> 073128	<b>x2</b> PULSFEED 4W 062689		TWINCOOL 1000W 065086	<b>x2</b> 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831	T/M 400 037328	fixation kit 064690	500 A, 4 m, liquid 041004	500 A, 3 m, liquid 046160	Kit NUM-2 064942
<b>pack PULSEMIG 400G W7</b> 073135	<b>x2</b> PULSFEED 4W 062689	<b>x2</b> Rollers 047020	TWINCOOL 1000W 065086	<b>x2</b> 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 70 mm <sup>2</sup> 043831		Pallet trolley 064621	500 A, 4 m, liquid 041004	500 A, 3 m, liquid 046160	Kit NUM-2 064942

**PULSEMIG 500G**

<b>pack PULSEMIG 500G A1</b> 063570	PULSFEED 4W 062689			10 m, air, Ø 95 mm <sup>2</sup> 047600	TYPE F, Ø 1/1.2 (x4) (Original Equipment)		4m, 95 mm <sup>2</sup> 047013	T/M 400 037328		450 A, 4 m, air 045392		
<b>pack PULSEMIG 500G W1</b> 063587	PULSFEED 4W 062689	PULSCOOL 1000W 036246		10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F, Ø 1/1.2 (x4) (Original Equipment)		4m, 95 mm <sup>2</sup> 047013	T/M 400 037328		500 A, 4 m, liquid 041004		
<b>pack PULSEMIG 500G W2</b> 063594	PULSFEED 4W 062689	PULSCOOL 1000W 036246		10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm <sup>2</sup> 047013	T/M 400 037328			500 A, 3 m, liquid 046160	
<b>pack PULSEMIG 500G W3</b> 067134	<b>x2</b> PULSFEED 4W 062689		TWINCOOL 1000W 065086	<b>x2</b> 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm <sup>2</sup> 047013	T/M 400 037328	fixation kit 064690	500 A, 4 m, liquid 041004	500 A, 3 m, liquid 046160	Kit NUM-2 064942
<b>pack PULSEMIG 500G W4</b> 067141	<b>x2</b> PULSFEED 4W 062689	<b>x2</b> Rollers 047020	TWINCOOL 1000W 065086	<b>x2</b> 10 m, liquid, Ø 95 mm <sup>2</sup> 047631	TYPE F Ø 1/1.2 (x4) (Original Equipment)	TYPE F, Alu Ø 1/1.2 (x4) 061903	4m, 95 mm <sup>2</sup> 047013		Pallet trolley 064621	500 A, 4 m, liquid 041004	500 A, 3 m, liquid 046160	Kit NUM-2 064942



# SAM

## AUTOMATION MODULE

### 1 MACHINE CONNECTIVITY KITS



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

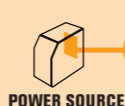
**KIT NUM MIG/GMAW 1**  
for NEOPULSE 320C, 400G & 500G  
062993

### 2 SMART AUTOMATION MODULE SAM 1N 064935



#### POWER SOURCE · PLC/ROBOT/COBOT CONNECTION

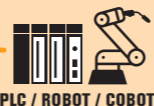
- ✓ TITANIUM 230
- ✓ TITANIUM 400 AC/DC
- ✓ PULSEMIG 320C
- ✓ PULSEMIG 400CW
- ✓ PULSEMIG 400/500G



1

2

3



### 3 ANYBUS CONNECTORS



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



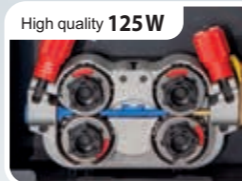
# SMARTFEED

## ROBOTIC WIRE FEEDER



NEW

### 4 SMARTFEED M-4 IP 21 066618



#### Options

Robotic MIG connection cables Liquid, 4 m, Ø 95mm² 073517

Robotic MIG connection cables Liquid, 8 m, Ø 95mm² 069725

Command cable 4 m 073524

Command cable 8 m 073531

EN60974-1 (40°C)		Equipement d'origine - Original equipment - Originalausstattung - Equipamiento de fabrica		max	PUSH-PULL				
IA 60%	X% I2 max	Electronic Control	TYPE	m/min		GAS	NO GAS	cm	kg
500	60		F-061873	1+25		0.6 +1.6	0.9+2.4	24.5 x 15 x 21.5	4.5



# COBOT

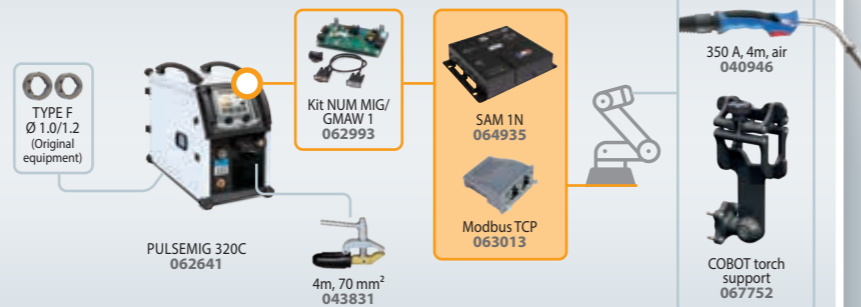
NEW



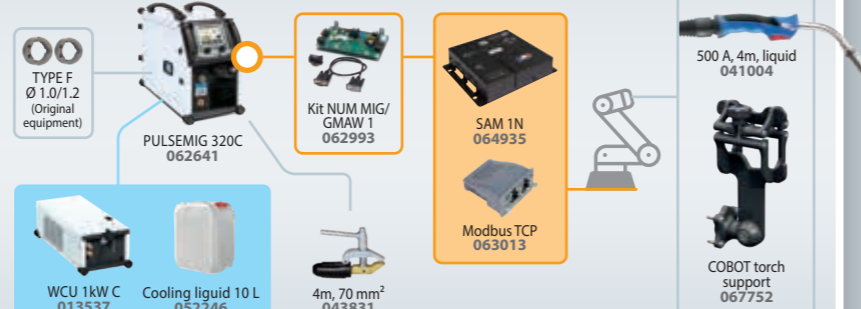
- ✓ HANWHA
- ✓ DOOSAN
- ✓ TECHMAN

✓ UNIVERSAL ROBOT  
URCaps (On demand)

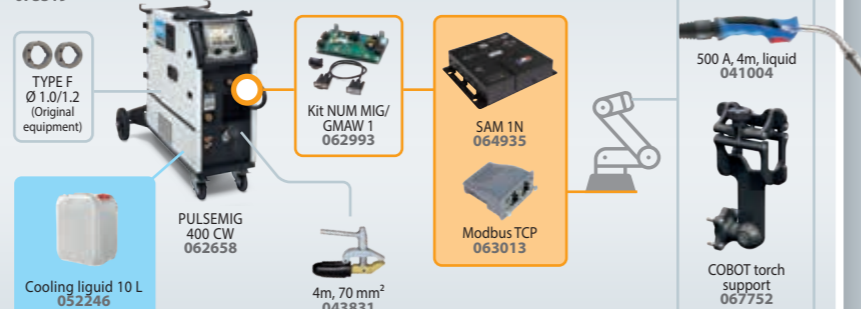
### PACK PULSEMIG 320C A3 COBOT 073296



### PACK PULSEMIG 320C W4 COBOT 073302



### PACK PULSEMIG 400 CW W3 COBOT 073319



# ROBOT



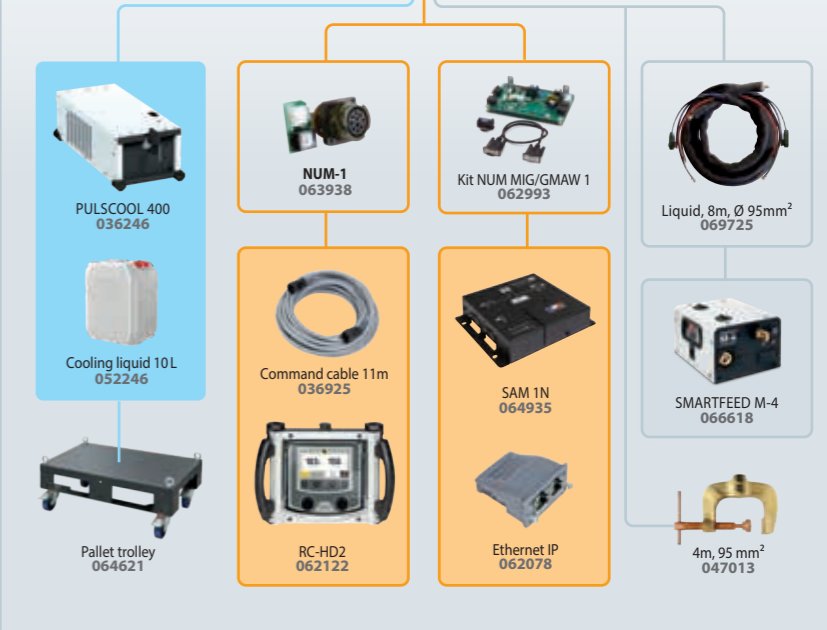
- ✓ ABB
- ✓ FANUC
- ✓ KAWASAKI

- ✓ KUKA
- ✓ YASKAWA
- ✓ STÄUBLI

### PACK 1 PULSEMIG 400G ETHERNET IP 073326



### PACK 2 PULSEMIG 500G ETHERNET IP 073333



#### Smartfeed support for ROBOT kits

Kit n°1	Kit n°2	Kit n°3	Kit n°4	Kit n°5	Kit n°6 KUKA/ KAWASAKI	...
YASKAWA	KAWASAKI	ABB	FANUC	KUKA	KAWASAKI	
070707	071445	071452	071469	071476	071476	

MORE COMING SOON

Compatibilities on demand - Compatibilités sur demande - Kompatibilitäten auf Anfrage







# TORCHES & CONSUMABLES

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

**Classic**

**NEW**

**Classic**

**Grip**

GRIP CONFORT

**Abimig**

360°

**Fume Extraction**

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

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

**PUSH PULL** for PULSEMIG 220C & 220C XL

Light weight

MADE IN FRANCE

GALETS - Rollers - 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 GENFEED, PULSFEEED & PULSEMIG 320C

Included

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

**PUSH PULL INLINE** for GENFEED, PULSFEEED & PULSEMIG 320C

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

1.0/1.0 038189  
1.2/1.2 038196

## CONSOUMMABLES - Consumables

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

Supports tube contact & diffuseurs - Tip adaptors & diffusers

Busés - Gas nozzles - Düsen - Tubo - Nippel - Bicos

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

## SUPPORTS TORCHE - Torch stands - Brennerhalter

**COBOT** 067752

**Magnetic** 041653

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

	ACIER / INOX - STEEL/STAINLESS STEEL - STAHL/EDELSTAHL						ALU - ALUMINIUM - ALUMINIO					PUSH PULL		PUSH PULL PLUS			PUSH PULL INLINE	
	AIR			LIQUID			AIR			LIQUID		AIR		LIQUID	AIR	LIQUID	AIR	LIQUID
	150A	250A	350A	450A	300A	500A	150A	250A	350A	300A	500A	160A	220A	250A	300A	400A	300A	400A
Y% 40°C, ArCo <sub>2</sub>	150A 60%	200A 60%	290A 60%	450A 60%	270A 100%	450A 100%	150A 60%	200A 60%	290A 60%	270A 100%	450A 100%	160A 40%	220A 20%	240A 100%	270A 60%	350A 100%	270A 60%	350A 100%
Electrode	A1+A2	B1+B2	D1+D2	F	C1+C2	E1+E2	A1+A2	B1+B2	D1+D2	C1+C2	E1+E2	A1+A2	B1+B2	C1+C2	D1+D2	E1+E2	D1+D2	E1+E2
Electrode diam.	M6 Ø0.8	M6 Ø1.0	M8 Ø1.2	M8 Ø1.2	M6 Ø1.2	M8 Ø1.2	M6 Ø0.8	M6 Ø1.0	M8 Ø1.2	M6 Ø1.2	M8 Ø1.2	M6 Ø1.0	M8 Ø1.2	M6 Ø1.2	M8 Ø1.2	M8 Ø1.2	M8 Ø1.2	M8 Ø1.2
Length	3m	4m	4m	4m	3m	4m	3m	3m	3m	3m	3m	4m	4m	8m	8m	8m	7.6m	7.6m
Code	063754	063778	063792	045392	040694	041004	063761	063785	063808	040748	CARBON 046160	044111	046283	038141	038738	038745	072992	073005
Length	3m	3m	3m	4m	5m		3m	3m	3m	4m	4m							
Code	041424	040700	040687	043275	038714		041462	040724	CARBON 040731	043282	CARBON 041097							
Length	3m	4m	4m		4m					4m	4m							
Code	043268	040922	040946		040564					040939	CARBON 040953							
Length	3m	3m	4m															
Code	043251	040540	040557															

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

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

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

	150A	250A	350A	450A	300A	500A	150A	250A	350A	300A	500A	150A	250A	250A	350A	500A	350A	500A
Ø0.6	A (x10) 041905	A (x10) 041905	—	—	A (x10) 041905	—	—	—	—	—	—	—	—	—	—	—	—	—
Ø0.8	A (x10) 041912	B (x10) 041950	C (x10) 041790	C (x10) 041790	B (x10) 041950	C (x10) 041790	A (x10) 041059	A (x10) 041059	—	A (x10) 041059	—	A (x10) 041059	A (x10) 041059	A (x10) 041059	C (x10) 041059	C (x10) 041059	C (x10) 041059	C (x10) 041059
Ø1.0	A (x10) 041929	B (x10) 041967	C (x10) 419803	C (x10) 419803	B (x10) 041967	C (x10) 419803	B (x10) 041066	B (x10) 041066	C (x10) 419766	B (x10) 041066	C (x10) 419766	B (x10) 041066	B (x10) 041066	B (x10) 041066	C (x10) 419766	C (x10) 419766	C (x10) 419766	C (x10) 419766
Ø1.2	A (x10) 040144	B (x10) 041974	C (x10) 419810	C (x10) 419810	B (x10) 041974	C (x10) 419810	B (x10) 041073	B (x10) 041073	C (x10) 419773	B (x10) 041073	C (x10) 419773	B (x10) 041073	B (x10) 041073	B (x10) 041073	C (x10) 419773	C (x10) 419773	C (x10) 419773	C (x10) 419773
Ø1.4	—	—	C (x10) 419827	C (x10) 419827	—	C (x10) 419827	—	—	—	—	—	—	—	—	—	—	—	—
Ø1.6	—	—	C (x10) 419834	C (x10) 419834	—	C (x10) 419834	—	—	C (x10) 41080	—	C (x10) 41080	—	—	—	C (x10) 041080	C (x10) 041080	C (x10) 041080	C (x10) 041080
Ø2.4	—	—	C (x10) 040533	C (x10) 040533	—	C (x10) 040533	—	—	—	—	—	—	—	—	—	—	—	—

## Busés - Gas nozzles - Düsen - Tubo - Nippel - Bicos

	150A	250A	350A	450A	300A	500A	150A	250A	350A	300A	500A	150A	250A	250A	350A	500A	500A	500A
Conique nozzle Könische Düse	A (x3) 041875	A (x3) 041882	A (x3) 041783	A (x3) 045491	A (x3) 043534	A (x3) 042315	A (x3) Ø12 041875	A (x3) 041882	A (x3) 041783	A (x3) 043534	A (x3) 042315	A (x3) 041875	A (x3) 041882	A (x3) 041882	A (x3) 041783	A (x3) 042315	A (x3) 042315	A (x3) 042315
Pointage Spot welding Punktdüse	B (x1) 041851	C (x1) 041523					A (x3) Ø16 046214											
Soudé clou Nail welding Nagelschweißdüse																		
Special No Gas (isolated)																		

## Coffrets - Boxes - Verschleißteilebox - Cajas - Kistjes - Estojos

**MB 15 (150A)**  
041226

x3

**MB 15 / MB 25 (250A)**  
037458

x5 (M6-Ø0.8)  
x5 (M6-Ø1.0)  
x5 (Alu - M6-Ø0.8)

**MB 25 (250A)**  
041233

x5

**MB 36 (350A)**  
041417

x2

**MB 501 (500A)**  
072381

x2

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

**ACIER - STEEL - STAHL - ACERO - STAAL - AÇO**

Ø0.6x0.8	3m	041578
3m	041592	
4m	041837	
Ø1.0x1.2	3m	041585
3m	041608	
4m	041844	
5m	062276	
Ø1.2x1.6	4m	044074
3m	418417	
4m	418424	
Ø1.6x1.8	5m	062283
5m	062306	
Ø1.0x1.2	4m	039827
5m	040526	
Ø1.2x1.6	4m	062313
5m	062290	

**TEFLON**

Ø0.6x0.8	3m	041578
4m	044050	
Ø1.0x1.2	3m	041585
4m	044067	
Ø1.2x1.6	4m	044074

**CARBON**

Ø0.6x0.8	4m	039834
5m	062306	
Ø1.0x1.2	4m	039827
5m	062313	
Ø1.2x1.6	4m	039810

PUSH PULL TORCH			PUSH PULL PLUS		
Ø1.0x1.2	8m	038172	Ø0.8x1.0	145mm	038158
			Ø1.2x1.6	145mm	038165

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

bobine écologique / ecological wire reel



for	kg	Ø	EXCELLIUM					NORMES - Norms - Normen - Norma				
			Ø 0.6 mm	Ø 0.8 mm	Ø 0.9 mm	Ø 1.0 mm	Ø 1.2 mm	Ø 0.8 mm	Ø 1.0 mm	Ø 1.2 mm	AWS	EN
Acier - Steel - Stahl - Acero - Staal - Aço	0.9	100 mm	086593	086609						5.18 : ER 70S-6	ISO 14341-A : G46 4MG3S1	8559 : SG2
	5	200 mm	086111	086128		086135				5.18 : ER 70S-3	ISO 14341-A : G42 2MG2S1	8559 : SG1
	15	300 mm	086166	086227		086234	086241	086302	086319			
	18	300 mm		086272		086289	086296					
	5	200 mm	086418	086401						5.28 : ER 90S-B3	ISO 2195L-A : Cr G4Mo2S1	
	15	300 mm		086258						ASME SPA-5.28 : ER 120S-G	ISO 12534 : G Min4Ni2, 5CrMo	
	5	200 mm		086203						5.20 : E71T-G5	ISO 17632-A T42 ZW N1 H15	
	0.9	100 mm	086425		086104						14700 : TZ Fe 2	8555 : MSG 6-CF-60
	4.5	200 mm			086265	086623	086630			5.18 : ER 70S-2	ISO 14341-A : G42 2 M G2Ti	8559 : SG2
	15	300 mm				086388	086395			5.7 : ER CuSi-A	ISO 14640 : S Cu 6560	1733 : SG-CuSi3
Acier - Steel - Stahl - Acero - Staal - Aço	16	300 mm					086173			5.7 : ER CuAl-A1	ISO 14640 : S Cu 6100	1733 : SG-CuAlB
	5	200 mm	086760	086777						5.9 : ER 308L Si	ISO 14343-A : G19 9 L Si	8556 : SG X2CrNi 19 9
	1	100 mm		086616						5.9 : ER 316L Si	ISO 14343-A : G19 12 3 L Si	8556 : SG X2 CrNiMo 19 12
	5	200 mm		086579		086340						
	15	300 mm				086357						
	5	200 mm		086326		086364						
	15	300 mm				086371						
	2	200 mm					086517			5.10 : ER 5554	ISO 18273 : S Al 5554	1732 : SG-AlMg
	7	300 mm					086500					
	0.5	100 mm		086548						5.10 : ER 5356	ISO 18273 : S Al 5356	1732 : SG-AlMg5
Aluminium	2	200 mm		086555		086562						
	7	300 mm				086524	086531					
	7	300 mm						086487	086494			
	0.5	100 mm		086685						5.10 : ER 4043	ISO 18273 : S Al 4043-A	1732 : SG-ALSi5
	2	200 mm				086142	086159					
	0.5	100 mm		086678						5.10 : ER 4047	ISO 18273 : S Al 4047	1732 : SG-ALSi12
	2	200 mm				086067	086074					
	7	300 mm					086043					
	2	200 mm					073432			5.10 : ER 4145	ISO 18273 : S Al 41	

**ADAPTEURS BOBINES - Adaptors for wire reels - Korbspulenadapter**

**ALIGNER 200**  
Ø 200  
042889

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

**After sales**

Professional 71608  
Ø 200 & 300

Industrial 71613  
Ø 200 & 300

Press & Lock

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

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

	TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	TYPE F
Acier - Steel - Stahl - Acero - Staal - Aço	Ø 0.6 / 0.8 Ø 0.8 / 1.0 Ø 1.0 / 1.2 Ø 1.2 / 1.4 Ø 1.2 / 1.6	x1 042339 x1 041189 x1 062221	x1 042087 x2 042353 x2 042100 x2 046849	x2 041738 x2 042094 x2 042117	x1 039483	x2 061859 x4 061866 x4 061873
Alu	Ø 0.8 / 1.0 Ø 1.0 / 1.2 Ø 1.2 / 1.6	x1 041196 x1 062214	x1 042155 x2 042377 x2 040915 x2 042148 x2 042391 x2 041776	x2 042148 x2 042162 x2 041776	x1 039469	x2 01.0 038578 x4 061897 x2 01.2 038585 x4 061903 x2 01.6 038592 x4 061910
Fil fourré - Cored wire	Ø 0.6 / 0.9 Ø 0.8 / 0.9 Ø 0.9 / 1.0 Ø 0.9 / 1.2 Ø 1.2 / 1.4 Ø 1.2 / 1.6 Ø 1.6 / 2.0 Ø 1.6 / 2.4 Ø 1.8 / 2.0	x1 068933 x1 046856 x1 042346	x1 068940 x1 042131 x2 042407	x2 042124 x4 047693 x2 038646 x2 037113 x4 040519 x2 061743	x1 068926 x1 039476 x1 044081	x2 01.2 038608 x4 01.0/1.1 061927 x4 01.2/1.6 061934 x4 01.4/2.0 061941 x2 02.0 037106 x4 01.6/2.4 061958 x2 02.4 038622

**PINCE SPÉCIALE MIG/MAG-ORIGINAL FIX - Special MIG-MAG pincer - Spezial MIG/MAG Zange - Pinza especial MIG MAG**



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

041653

**Liquide anti-grattons**  
- Anti spatter fluid - Antihafmittel

10L  
054134

**Pâte anti-adhérente**  
- Anti spatter paste - Antihaf-Paste

300g  
054110

**Pulvérisateur métallique**  
- Metallic spray bottle - Metallische Sprühflasche

054127

**Spray protection céramique**  
- Ceramic protective spray - Keramisches Schutzspray

054141

**Spray protecteur (sans silicone)**  
- Anti-spatter spray (without silicone)

041806

**KITS SOUDAGE NO GAS - No Gas Welding Kits**

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) <b>NEW</b> 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)

**SUPPORT ÉLINGAGE DÉVIDOIR - Wire feeder support - Drahtvorschubhalterung**

036277

Max 50 kg  
EN 60974-1

TF-4RN/W	✓
WS-4R	✓
WS-4L	✓
PULSFEEED	✓
GENFEED	✓

MADE IN FRANCE

**SUPPORTS TORCHE MIG - MIG torch supports - MIG-Brennerteleskophalterung**

**MIG Lift Compact**  
046597

adjustable max 1.3 m

**MIG Lift Pro**  
046429

adjustable max 2.5 m

OPTION  
Universal wire feeder support  
046436

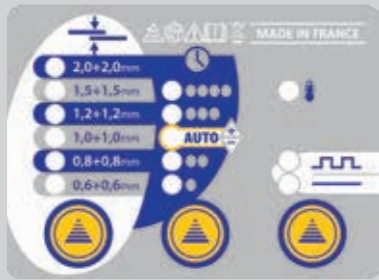
MADE IN FRANCE	L	rotation	Torches compatibility		Machines compatibility												Wire feeder compatibility		
			classic	fume extraction	UNIMIG / POWERMIG	POWERMIG	HEAVYMIG	GENIUS	PULSEMIG	WS -4R/L	Pulsfeed/GENIUS	TF4RN/W							
MIG LIFT COMPACT	adjustable 1.3 m max	180°	✓	—	✓	—	✓	✓	✓	—	✓	✓	—	—	—	—	—	—	
MIG LIFT PRO	adjustable 2.5 m max	360°	✓	✓	—	—	—	—	—	✓	✓	—	✓	—	✓	✓	✓	✓	

# SPOT WELDING



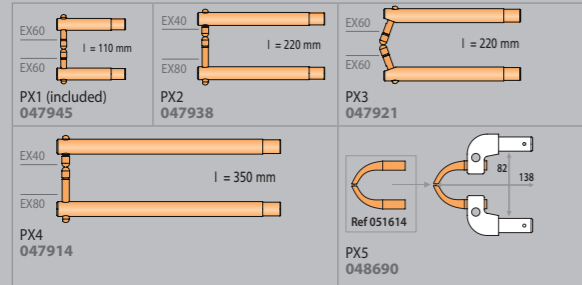
**PORTASPOT 230**  
230 V • 1 ~  
**6 300 A 120 daN**

delivered with PX1 :  
022256

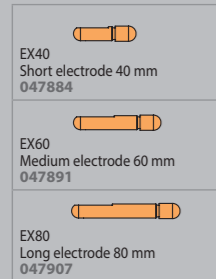


**OPTIONS**

**ARMS Cu Ø23mm**



**ELECTRODES**



**CAPS & ACCESSORIES**



		<b>I<sub>RMS</sub></b>	<b>I<sub>MAX</sub></b>		<b>U<sub>o</sub></b>	<b>Cable</b>	<b>100% CU</b>		<b>kg</b>
50/60 Hz	A	A	A	mm	V	←→ mm <sup>2</sup>	OK	(no arm) cm	
1x230V	<b>16(D)</b>	<b>6 300</b>	8900	2+2	2.5	3x2.5 H05VVf	OK	36 x 29 x 10	10

# DRAWN ARC WELDING

**MANUAL**



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

**EXPERT Control**



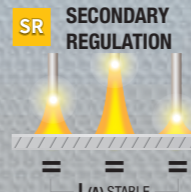
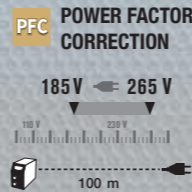
- 1 Amorce - Start-up - Zündung
- 2 Décapage - Scouring (I & t) - Abbeizen
- 3 Arc (I & t) - Arc - Lichtbogen
- 4 Accroche - Hitching (I & t) - Verklebung
- 5 Hauteur - Height - Höhe

**SYNERGIC**



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

**OPTIONS**



**SYNERGIC DIGITAL GUN**

★★★★  
**UNIQUE Linear Motor**

**DRAWN ARC PROCESS**  
Gas protection

3 m, Ø 25 mm<sup>2</sup>  
included  
ARC PULL  
350



Full control



Included x2  
059627

**SPOT ARC PULL 350**

<b>Acier / Steel / Stahl</b>	<b>Alu</b>
<b>350 A</b>	208 → 240 V • 1 ~

PFC SR AD



				<b>I<sub>2</sub></b>	<b>SYNERGIC</b>		<b>TECHNOLOGY</b>	<b>U<sub>2</sub></b>		<b>kW</b>					
MADE IN FRANCE	60974-1	50/60 Hz	↕	A		Acier/Steel   Alu	Power Factor Correction	V	A		OK	OK	cm	ArcPull	ArcPull + gun
<b>SPOT ARC PULL 350</b>		208 → 240V	6 m	10 → 350	■	Manual + Digital Gun Motion Control	■	20.4 → 34 V	16	11.9	OK	OK	30 x 24.5 x 22	11 kg	14.3 kg



SPOT ARC PULL

# DRAWN ARC

WELDING

ALU + STEEL



NEW

SPOT ARC PULL 700 INDUSTRY

380 · 480V · 3~

680 A

x1 MANUAL

SR IP 23

073081

included



Manual synergic gun  
3 m, 50 mm<sup>2</sup>



Double earth clamp  
3 m, 50 mm<sup>2</sup>  
068605



Complete stand ceramic ferrule Standard 700  
068322

OPTIONS

Weld 910  
070967



## SYNERGIC DIGITAL GUN

★★★★★

UNIQUE  
Linear  
Motor

DRAWN ARC  
PROCESS

Ideal  
all position

3 m, 50 mm<sup>2</sup>  
included ARC PULL 700



Adjustable

Full control

## SPOT ARC PULL 350 - ACCESSORIES & CONSUMABLES

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



55

SPOT ARC PULL

DRAWN ARC WELDING

Acier/Steel  
/Stahl

		Ø 2 mm				Ø 4 mm		Ø 5 mm				Ø 6 mm		Ø 7.1 mm		Ø 8 mm		
		50 mm				16 mm		self-threading				int. M4		int. M5		20 mm		
059634	059641	064065	041561	064034	049000	059603	064607	048157	049383	049413	049420	048164	063969	063990	064041	064003	064058	063976
x1	x1	x1	x100	x100	x1	x100	x100	x1	x100	x100	x100	x1	x100	x200	x1	x200	x1	x100

STEEL STUDS  
BOX 350  
059443

x1	x1				x1	x100		x1	x100	x100	x100							
----	----	--	--	--	----	------	--	----	------	------	------	--	--	--	--	--	--	--

Alu

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

ALU STUDS BOX 350  
059436

x1	x1	x1	x100	x1	x100	x1	x100					
----	----	----	------	----	------	----	------	--	--	--	--	--



STUDS  
HOLDER  
BOX 350  
064591

		Ø 2		Ø 4		Ø 5		Ø 6		Ø 7.1		Ø 8	
059634	059641	064065	049000	048157	048164	064041	064058						
x1	x1	x1	x2	x1	x1	x1	x1						

NEW

ARC PULL  
DIFFICULT  
ACCESS  
BOX 350  
070813

		M4		M5		M6		M8		350 A	
059634	059641	070806	070790	070752	070769	070776	070783	070714			
x1	x1	x1	x1	x1	x1	x1	x1	x1			

## SPOT ARC PULL 700 - ACCESSORIES & CONSUMABLES

Fourche céramique standard

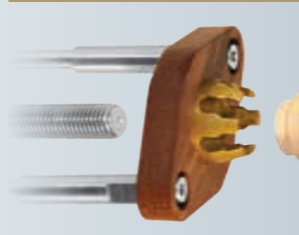


Complete stand ceramic ferrule Standard 700  
068322



		Ø 6				Ø 8				Ø 10				Ø 12				
068582																		
x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1

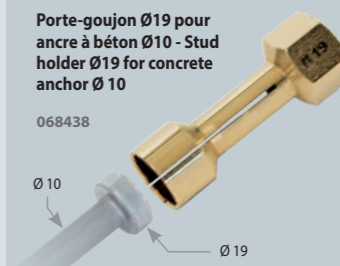
Fourche céramique griffe



Complete stand ceramic ferrule Grip 700  
068339

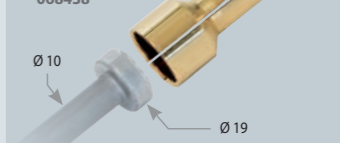


		Ø 6		Ø 8		Ø 10		Ø 12	
068575	068353	068360	068377	068384					
x1	x1	x1	x1	x1					



Porte-goujon Ø19 pour ancre à béton Ø10 - Stud holder Ø19 for concrete anchor Ø10

068438



		Arc Pull 700				
		Arc Pull 350				
Ferrules céramique - Ceramic ferrule - Keramikring		Ø 6	Ø 8	Ø 10	Ø 12	
Type UF ISO 13918		068520	068537	065680	065697	
		x 500	x 500	x 500	x 500	
Goujons - Studs - Bolzen		M6	M8	M10	M12	
Type DD ISO 13918	20 mm	Acier - Steel - Stahl	068506	068513	065659	065673
		Inox - Stainless steel - Edelstahl	068469	068476	068483	068490
			x 500	x 500	x 500	x 500
Type SD ISO 13918	100 mm	Ancre à béton - Concrete anchor - Betonanker	—	—	Ø 10	—
					065642	—
					x 250	—

Fourche protection gazeuse



Fourche à protection gazeuse 700 - Stand shielding gas 700 - Stativ Schutzgas 700

068346

MADE IN FRANCE 60974-1	50/60 Hz	6 m	I <sub>2</sub> A	SYNERGIC	GUN		U <sub>2</sub> V	A	kW	OK	OK	cm	ArcPull	ArcPull + gun
					Acier/Steel	Alu								
SPOT ARC PULL 700 INDUSTRY	3x 400 V 3x 480 V	6 m	10 · 680	■	Manual + Digital Gun Motion Control		20.4 · 44 V	20 A (D) 16 A (D)	35 kW	OK	OK	32 x 32.4 x 41	16 kg	19.3 kg



EASYCUT

# PLASMA

1~

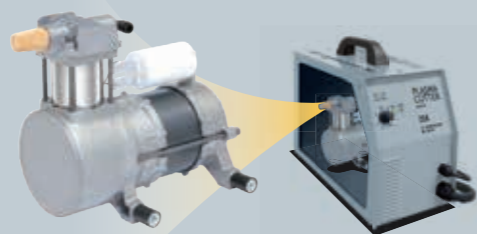
ims PRO

57

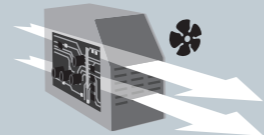
EASYCUT

PLASMA CUTTING • 1 ~

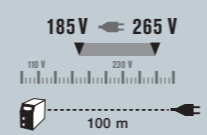
COMPRESSOR COMPRESSOR INSIDE



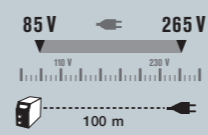
AD ANTI-DUST VENTILATION CORRIDOR



PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE

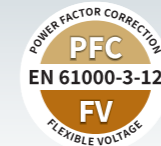


AIR FILTER



INCLUDED: 8 mm

DIGITAL PRESSURE SENSOR



INCLUDED: 8 mm

DIGITAL PRESSURE SENSOR

NEW

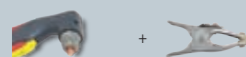


COMPRESSOR Compressor inside

EASYCUT K25

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

P400 COMPRESSOR

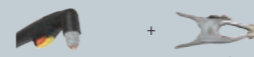


TPT 25, 4 m 068087 2 m, 10 mm<sup>2</sup>  
068070

EASYCUT K35F

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

P400 PFC AD COMPRESSOR

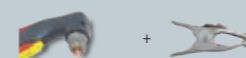


MT35K, 4 m 031142

NEW

EASYCUT 25

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

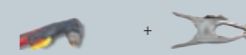


TPT 25, 4 m 068087 2 m, 10 mm<sup>2</sup>  
072039

EASYCUT 30 FV

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

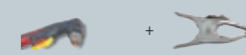
P400 PFC FV



TPT 40, 4 m 060753 2 m, 10 mm<sup>2</sup>  
037953

EASYCUT 40

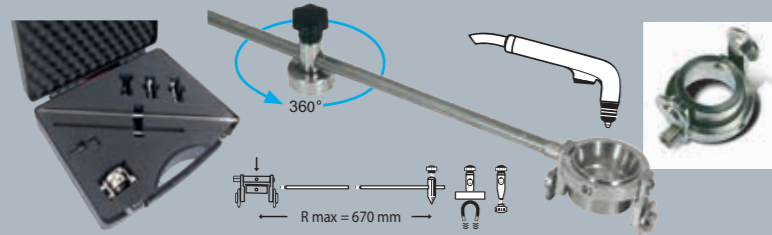
230 V • 1 ~  
40 A Fe 20 mm  
Al/CrNi 15 mm



TPT 40, 4 m 060753 2 m, 10 mm<sup>2</sup>  
029736

OPTIONS

Compass  
For TPT 25 / TPT 40 / MT 25k / MT 35k / MT 45  
040205



040199

Chariot - Trolley

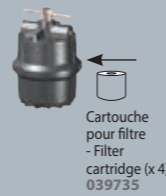


PLASMA 600  
↓ 39 x 62 x 58 cm  
☞ 30 x 11 x 63 cm  
8.8 kg  
040298

Universal 800  
↓ 48 x 81 x 62 cm  
☞ 52 x 15 x 81 cm  
18 kg  
051331

Jobsite XL  
↓ 60 x 115 x 59 cm  
☞ 67 x 25 x 48 cm  
039568

Filtre déshumidificateur spécial Plasma  
- Compressed air cleaning filter for Plasma  
039728



Cartouche pour filtre - Filter cartridge (x 4)  
039735

CE NORM EN60974-1	50/60 Hz	I <sub>2</sub>	mm		INTEGRATED TECHNOLOGY							AIR SYSTEM			EN 60974-1 (40°C)			cm	kg	Protected & compatible power generator (+/-15%)					
			Coupe max Severance cut	Coupe propre Clean cut	P400	PFC	FV	AD	IP215	COMPRESSOR	min	ideal	max	I 60%	X% I2 max	100%									
MADE IN FRANCE	EASYCUT K25	230V 1~	16	10 → 25	8	6	6	4	■	■	■	■	■	■	■	included	15 A	35%	—	41 x 20 x 36	15	6.5 kW	7.5 kVA		
	EASYCUT K35F	230V 1~	16	10 → 35	15	10	10	8	■	■	■	■	■	■	■	included	28 A	30%	20 A	52 x 28 x 46	30	8 kW	10 kVA		
MADE IN CHINA	EASYCUT 25	230V 1~	16	10 → 25	8	6	6	4	—	—	—	—	—	—	—	2.5 bar	4.5 bar 115 L/min	6.5 bar	15 A	30%	10 A	15 x 42 x 30	8	—	—
		230V 1~	16	10 → 30	15	10	10	8	■	■	■	■	■	■	—	2.5 bar	5 bar 115 L/min	9 bar	23 A	30%	20 A	45 x 28 x 20	10.8	6.5 kW	7.5 kVA
MADE IN FRANCE	EASYCUT 30 FV	110V 1~	32	10 → 30	15	10	10	8	■	■	■	■	■	■	—	2.5 bar	5 bar 115 L/min	9 bar	19 A	25%	15 A	—	—	—	—
		230V 1~	32	10 → 40	20	15	15	10	—	—	—	—	—	—	—	2.5 bar	4.5 bar 115 L/min	6.5 bar	10 A	20%	—	15 x 42 x 30	8	—	—

56

# PLASMA

## 1 & 3~

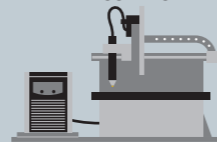
DIGITAL PRESSURE SENSOR



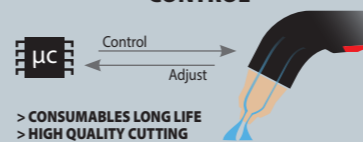
DIGITAL PRESSURE SENSOR



CNC COMPUTER NUMERICAL CONTROL



SYNERGIC AIR Pressure



SYNERGIC AIR Pressure



SYNERGIC AIR Pressure



6 modes :

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



110 • 230 V • 1 ~

CUTTER 45 CT

110 → 230 V • 1 ~

45 A Fe 30 mm Al/CrNi 20 mm

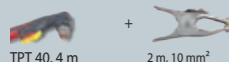
P400 PFC FV GRID CUT AD IP 23

Option CNC ANALOGIC



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

062498



037878

OPTION



Diable JOBSITE XL

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

400 V • 3 ~

CUTTER 70 CT

400 V • 3 ~

70 A Fe 35 mm Al/CrNi 25 mm

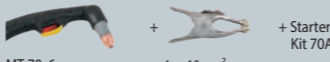
GRID CUT AD IP 23 GOUGING

Option CNC ANALOGIC



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

065550



037885

NEOCUT 105

400 V • 3 ~

105 A Fe 50 mm Al/CrNi 40 mm

GRID CUT Synergic AIR Pressure AD IP 23

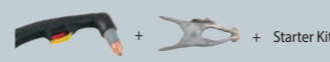
MARKING GOUGING

Options CNC ANALOGIC CNC DIGITAL CNC RETROFIT DIGITAL



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

065840



063457

NEOCUT 125

400 V • 3 ~

125 A Fe 57 mm Al/CrNi 55 mm

GRID CUT Synergic AIR Pressure AD IP 23

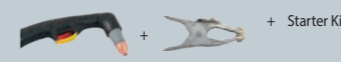
MARKING GOUGING

Options CNC ANALOGIC CNC DIGITAL CNC RETROFIT DIGITAL



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

067455



067462

OPTIONS

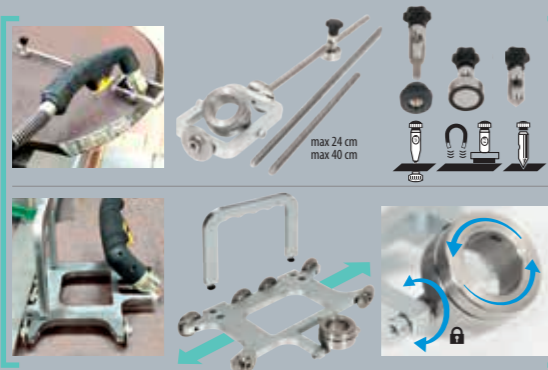
Skate for NEOCUT 105, NEOCUT 125 037717



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



Guiding kit For MT 70, MT 125 038653



Compass

For MT 70, MT 125 037984



Filter kit for CUTTER 70 NEOCUT 105/125 046580



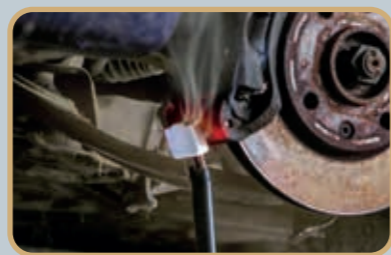
Model	Voltage	Frequency	A	I <sub>2</sub>	mm						INTEGRATED TECHNOLOGY						AIR SYSTEM Pressure (bar)			EN 60974-1 (40°C)			cm	kg	Protected & compatible power generator (+/-15%)		
					Coupe max Severance cut	Coupe propre Clean cut	Perçage Piercing	Grid Cut	Marking	Gouging	Pressure Control	AD	IP23	CNC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





# INDUCTION HEATING

1~



PFC POWER FACTOR CORRECTION

185 V ← 265 V



### INCLUDED

Spirale - Coil - Spiralförmiger draht

Ø 18 mm  
054806

Ø 24 mm  
054790

Ø 30 mm  
055469

Fil tressé enroulable - Flexible  
wrappable wire - Flexibel  
geflochtener draht

800 mm  
054813

Fil droit rigide - Straight rigid wire  
- Steif gerade draht

800 mm  
054868



1 m

POWERDUCTION 10R

1 200 W 230V • 1~

AIR

063389



2 m

POWERDUCTION 37LG

3 700 W 230V • 1~

LIQUID

058958



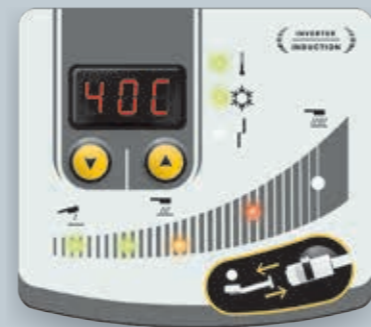
3 m

POWERDUCTION 39LG

3 700 W 230V • 1~

PFC LIQUID

058965



3 m

POWERDUCTION 50LG

5 200 W 230V • 1~

PFC LIQUID

058491



# INDUCTION HEATING

3~



4 m

POWERDUCTION 110LG

11 000 W 400V • 3~

LIQUID

027909

### OPTION 10R

NEW

Decal - Décollage - Entkleben  
066601



### OPTION 37LG

Cable support  
052284



Chariot - Trolley  
UNIVERSAL 800  
051331

EN-60 335/1	MADE IN FRANCE	Cable	+AM+	/	Freq.	INTEGRATED TECHNOLOGY		❄️	Cable L (m)		🕒 Heating			↕	👤	🔧	🛡️ Protected & compatible power generator (+/-15%)
						P400	PFC		Liquid Cooling	Inductor	⚙️	🔥	🕒				
POWERDUCTION 10R	230V, 1~, 50/60 Hz	10 mini	1200	45→80	—	—	—	2	1	M10 → 1 s	2 mm → 5 s	Ø8 → 10 s	23 x 14 x 10	3	1.5 kW		
POWERDUCTION 37LG	230V, 1~, 50/60 Hz	16 mini	3700	15→30	—	—	1.51	2	2	M10 → 1 s	2 mm → 5 s	Ø10 → 15 s	45 x 29 x 25	15	4 kW		
POWERDUCTION 39LG	230V, 1~, 50/60 Hz	16 mini	3700	20→60	▪	▪	71	2	3	M12 → 1 s	2 mm → 5 s	Ø10 → 15 s	53 x 70 x 37	39.5	4 kW		
POWERDUCTION 50LG	230V, 1~, 50/60 Hz	25 mini	5200	20→60	▪	▪	71	8	3	M14 → 1 s	2 mm → 3 s 4 mm → 5 s	Ø10 → 10 s	59 x 88 x 59	70	6 kW		
POWERDUCTION 110LG	400V, 3~, 50/60 Hz	16 mini	11000	20→60	—	—	71	5	4	M18 → 1 s	2 mm → 2 s 4 mm → 4 s	Ø10 → 7 s	59 x 88 x 59	80	15 kW		





# INDUCTION HEATING 3~



included adapter 32L + L90 064515 + 059788

6 m

NEW

6 m

POWERDUCTION 160LG

16 000 W 400 V • 3~

LIQUID

058972

POWERDUCTION 220LG

22 000 W 400 V • 3~

LIQUID

066878

OPTIONS

NEW



Poignée de lance - Removable handle - Abnehmbarer Griff

for POWERDUCTION 220 - 160 - 110 LG

068599



Cooling liquid (not included)

5L 062511

10L 052246

Model	Voltage	Power	Frequency	Liquid Cooling	Cable L (m)	Heating			Height	Weight	Power
						Inductor	Welding	Heating			
POWERDUCTION 160LG	400V, 3~50/60 Hz	16 000	20+60	301	6	M20 → 1s	2 mm → 2s 4 mm → 4s	Ø10 → 5s	70 x 118 x 60	120	22 kW
POWERDUCTION 220LG	400V, 3~50/60 Hz	22 000	20+60	301	6	M45 → 3s	8 mm → 9s 4 mm → 3s	Ø10 → 4s	70 x 118 x 60	125	22 kW

## t° POWER HEAT CONTROLLER

CONTROL 80>350°C (210>660°F)

NEW



5,5m

POWER HEAT CONTROLLER 061644

Included T° sensors thermocouple type K x2



## OPTIONS



Pyrometer IR for inductor L90

1.1 m 064119



## INDUCTEURS - Inductors

SMALL (Ø16)	NEW													
* = original equipment	S90 058927	S70 061569	S180 059269	S20/B1 (20°) 064874	S180/B1 064881	S180/B3W 067899	S180/D20 069985	S180/D25 069992	S180/D30 070592	S180/D35 070608	S180/D40 070615	S180/D45 070622	S180/D50 070639	S180/D55 070646
37 LG	✓*			✓					✓					
39 & 50 LG									✓ with adapter 28S					
110 & 160 LG									✓ with adapter 32S					
220 LG									✓ with adapter 32S					

LARGE (Ø32)	NEW													
* = original equipment	L90 (90°) 059788	L70 (70°) 059771	L180 059795	L180/Spiral 065000	L20/B4 067882	L20 Alu Glove 069114	L180/D60 069923	L180/D70 069930	L180/D80 069121	L180/D90 069947	L180/D100 069954	L180/D110 069961	L180/D120 069978	
37 LG														
39 & 50 LG				✓ with adapter 28L									✓ with adapter 28L	
110 & 160 LG	✓* with adapter 32L*				✓ with adapter 32L								✓ with adapter 32L	
220 LG				✓ with adapter 32L					✓ with adapter 32L*				✓ with adapter 32L	

	ADAPTER			
	28S M28 Ø16 064485	32S M32 Ø16 064508	28L M28 Ø32 064492	32L M32 Ø32 064515
37 LG				
39 & 50 LG	✓			✓
110 & 160 LG			✓	✓
220 LG			✓	✓

	COMPLETE (Ø28)		
	C20/B1 (20°) 056862	C180/B1 (90°) 056879	C180/B2 (90°) 056886
39 & 50 LG	✓*		✓

## BOÎTES - Boxes

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

## FERRITES - Ferrites - Ferritaufsatz

B1 053823	B2 053458	B3 067875	B4 053755
B1 056909	B2 056916	Cloche accostage 069701	B4 054844



Colle-Stick bi-composants Power Epoxy 150°C 054851



# CALIBRATION SET

FOR MMA - TIG - MIG/MAG

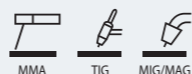


## VALISE D'ÉTALONNAGE - Validation/calibration set - Kalibrierungsset

GCU 1.0  
060456

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

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



■ **Applications :**



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



Multimètre - Multimeter - Multimeter

Mesure d'énergie - Energy tracking - Energiemessung

Validation - Calibration - Kalibrierung



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

### Included connections

<b>VM1</b> Voltage measurement cables (2m) 060531 Ø 21 mm Ø 13 mm	<b>PC1</b> Power cable (2m) 060593 50 mm <sup>2</sup> Texas CM50.21	<b>GM1</b> Gas measurement (2m) 060555	<b>DRC1</b> Command cable DIN/DIN (2m) 060579	<b>RC1</b> Remote control DIN (2m) 060562
<b>VM2</b> Voltage measurement cable (2m) 060548	<b>VM2+VM1</b> Measurement MIG/MAG (U)	<b>USB1</b> USB 2.0 cable (1.5m) 060609	<b>ARC1</b> Command cable DIN/Amphenol (2m) 060586	RC1 + ECM1 ✓ RC1 + DRC1 ✓ RC1 + ARC1 ✓

### OPTIONS

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

### Packs Caliweld

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

## CHARGES D'ÉTALONNAGE - Load banks - Lichtbogen-Last-Simulator



	A	B
<b>LOAD 320A-100%</b>	<b>LOAD 550A-3%</b>	
320 A @ 100% (MIG)	550 A @ 3% (MIG)	
MMA	5>370 A	5>550 A
TIG	(x1) 5>180 A, (x2) 5>370 A	5>550 A
MIG/MAG	5>320 A	5>550 A
X%	<b>100%</b>	<b>3%</b>
↕/⚡	55 x 59 x 63 cm / 27 kg	60 x 27 x 50 cm / 16 kg
	060418	060425

**OPTION**

**CABLE**  
Rallonge câble, connexions texas (mâle + femelle)  
x2

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

**OPTION**

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

## CONTRÔLE DU GÉNÉRATEUR - Generator control - Prüfgeräte

053939

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

053991

053984

Pince ampéremétrique - Clamp-on ammeter - Strommesszange

**400 A**

**600 A**

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

Compatibles Soudure - Welding compatible - Lötfähig

NEW

Support craies plates & Craies plates compatibles soudure - Flat chalk holder & Welding compatible flat chalks - Flache Kreidehalter & Lötkompatible Flachkreiden

Stéatite - Soapstone - Speckstein

069374

x3

Marqueurs blancs industriels - Industrial white markers - Industrielle weiße Marker

069343

NEW

45 mm

Marqueur trous profonds - Deep hole marker - Tieflochmarkierer

069350

NEW

## CONTRÔLE DE PIÈCES - Metal control - Werkstückprüfgeräte

052765

Crayon marqueur thermique - Thermal marking pencil - Thermo-Prüfstift

121°C - 250°F

053977

Jauge pour cordon de soudage - Welding Gauge - Schweißnahtlehre

071414

Calibre d'épaisseur de tôle - Sheet thickness gauge - Blechdickenmessgerät

0,6 > 8 mm

NEW

052994

Thermomètre infrarouge - Infrared Thermometer - Infrarot Thermometer

-50/+380°C, -58/+716°F

060623

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

400 mm

NEW

# TROLLEYS

CHARIOTS - FAHRWAGEN - CARROS



## SKATES

**1** Skate WS-4R/-4L/Easycut K35F  
 ↳ 14 x 46 x 59 cm / 7,9 kg  
 ↳ 10 x 71 x 25 cm / 8,3 kg  
 040977

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

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

**4** Skate TIG 250 AC/DC  
 ↳ 80 x 47 x 90 cm / 8 kg  
 ↳ 12 x 37 x 58 cm / 8,8 kg  
 040960

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

## CHARIOT PALETTE - Pallet trolley

**5** ↳ 31 x 79 x 50 cm / 22,8 kg  
 ↳ 21 x 81 x 52 cm / 24,2 kg  
 064621

IDEAL  
COMBINAISON

## PLASMA

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

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

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

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

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

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

**11** 4M<sup>3</sup>L  
 ↳ 90 x 51 x 99 cm / 15 kg  
 ↳ 23 x 37 x 99 cm / 16,6 kg  
 071568

## OX & AD

**OX & AD**  
 ↳ 104 x 67 x 20 cm / 7,5 kg  
 ↳ 18 x 38 x 73 cm / 14,2 kg  
 039100

**2.5 m<sup>3</sup>**

## DIABLES - Sack truck - Fahrwagen mit Rädern

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

**13** Diable 10m<sup>3</sup>  
 ↳ 117 x 53 x 55 cm / 22 kg  
 ↳ 29 x 80 x 53 cm / 22,5 kg  
 039704

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

**4 m<sup>3</sup>**  
 039551

OPTION

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

**15** 10m<sup>3</sup>-XL/TM1  
 ↳ 103 x 48 x 100 cm / 24,5 kg  
 ↳ 23 x 37 x 99 cm / 26,1 kg  
 041257

**16** 10m<sup>3</sup>-XL/TM2  
 ↳ 91 x 54 x 96 cm / 32 kg  
 ↳ 27 x 42 x 84 cm / 33,2 kg  
 039711

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

Fixation kit  
 ↳ X2  
 064690

## TROLLEYS COMPATIBILITY

TIG	3	4	5	8	9	10	11	12	13	14	15	16	17
TIG PRO 161 DC				✓	✓			✓	✓	✓	✓		
TIG PRO 200 DC						✓	✓	✓	✓	✓	✓		
TIG PRO 201 DC FV				✓	✓			✓	✓	✓	✓		
TIG PRO 220 DC FV						✓	✓	✓	✓	✓	✓		
TIG PRO 221 DC FV				✓	✓			✓	✓	✓	✓		
TIG 300 DC						✓	✓	✓	✓	✓	✓		
TIG PRO 200 AC/DC				✓	✓			✓	✓	✓	✓		
TIG PRO 201 AC/DC - L AC/DC				✓	✓			✓	✓	✓	✓		
TIG 220 AC/DC						✓	✓	✓	✓	✓	✓		
TIG 250 AC/DC													
TITANIUM 400 AC/DC	✓		✓										

PLASMA	1	2	3	6	7	14
EASVCUT K25				✓	✓	✓
EASVCUT K35F	✓			✓	✓	✓
EASVCUT 30 FV				✓	✓	
EASVCUT 40				✓	✓	
CUTTER 45CT				✓	✓	
CUTTER 70CT					✓	
NEOCUT 105	✓	✓			✓	
NEOCUT 125	✓	✓			✓	

MMA	5	14	15	16
400 TRI	✓	✓		
GENIUS 400	✓	✓	✓	✓

MIG	1	2	3	5	8	9	10	11	14	15	17
Gold Multi 210-2					✓	✓	✓	✓	✓	✓	✓
Gold Multi 210-4 XL					✓	✓	✓	✓	✓	✓	✓
MULTIWELD T-C				✓			✓	✓	✓	✓	✓
WS-4R / WS-4L	✓										
GENIUS 400				✓						✓	✓
PULSEMIG 220 C XL							✓	✓	✓	✓	✓
PULSEMIG 320 C				✓	✓	✓		✓	✓	✓	✓
PULSEMIG 400 G				✓						✓	✓
PULSEMIG 500 G				✓							✓

INDUCTION	7
POWERDUCTION 37LG	✓

## TIG / MIG LIQUID

# COOLING UNITS

GROUPES FROIDS - KÜHLAGGREGATE - GRUPOS DE REFRIGERACIÓN

## GROUPES UNIVERSELS - Universal watercooling units - Kühlaggregat

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

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

ON/OFF ✓  
 ON/OFF ✓  
 COMMAND ✓

Cooling liquid (not included)

5L 062511

10L 052246

Ø 10 x1 064324

Ø 10 x1 064331

Ø 6 064348

## COOLING UNITS COMPATIBILITY

	50/60 Hz	W	ON/OFF	COMMAND	kg	COMPATIBILITY
UNIVERSAL MULTI COOL 500	230V 1~	500	1.5L	■	8	all TIG 1~, all MIG 1~
UNIVERSAL MULTI COOL 1300	230V 1~	1300	7L	■	19	all TIG 1~, all MIG 1~
DEDICATED WCU 0.5kW A	230V 1~	500	1.5L	—	8	TIG PRO 220 DC
DEDICATED WCU 1kW A	230V 1~	1000	3L	—	14	TIG PRO 220 AC/DC
DEDICATED KOOL 1.24 TIG	24V DC	800	5.5L	—	15	TITANIUM 230
DEDICATED WCU 1kW B	400V 3~	1000	3L	—	15	TIG 300 DC
DEDICATED WCU 1kW C	400V 3~	1000	5.5L	—	17	TITANIUM 400 AC/DC, PULSEMIG 320C
GENCOOL	400V 3~	1000	5.5L	—	20	GENIUS
PULSCOOL / TWINCOOL	400V 3~	1000	5.5L	—	20	PULSEMIG 400G / 500G

## GROUPES DÉDIÉS - Dedicated cooling units - Kühlaggregat

**COMING SOON**

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

**WCU 1kW A**  
 ↳ 48 x 23 x 24 cm  
 039773

**KOOL 1.24 TIG**  
 ↳ 56 x 22 x 30 cm  
 070820

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

**WCU 1kW C**  
 ↳ 48 x 23 x 30 cm  
 013537

**GENCOOL**  
 ↳ 68 x 23 x 30 cm  
 032637

**PULSCOOL**  
 ↳ 68 x 23 x 30 cm  
 036246

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

for double wire feeder



**MANOMÈTRES-DÉBITMÈTRES** - Pressure-Regulator  
- Druckminderer - Reductor de presión  
- Manometer stromingsmeter - Manómetro-debitómetro

	12L/min	15L/min	30L/min (Argon/CO <sub>2</sub> )	OPTIMAPRO 30L/min (Argon/CO <sub>2</sub> )	
FR/ES/PT	041820	041998	041622	043619	
DE	041820	041998	041219	043633	
UK		040274	041646	043626	
NL		040267	041615	043640	
IT		038691	038707	041639	

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

**BOUEILLES DE GAZ JETABLES**  
- Disposable bottles - Einweggasflaschen

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

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

**PRÉCHAUFFEUR DE GAZ** - Gas preheater - Gasvorwärmer

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

**RACCORDS GAZ** - Gas connector - Gasanschlüsse

Tuyau caoutchouc- Rubber hose Ø 6.3 X 12 (EN ISO 3821)

	Ø 8	Ø 7
x2	045712	046245
	1.5 m	066670
	4 m	046269
≧ x m		046276

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

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

**BROSSES** - Wire brushes - Bürsten - Broses - Cepillos

		Acier - Steel - Stahl - Acero - Staal - Aço	Inox - Stainless - Edelstahl
A	4	(x1) (x24)	(x1) (x24)
B	3	(x1)	(x1)
C	2	(x1)	—
D	—	(x1) Laiton - Brass (x1) Zinc	—

**POSITIONNEURS MAGNÉTIQUES** - Special welding magnet - Imán especial para soldadura - Magnetische Positionierer

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

**PINCES AXIALES** - Axial-grip pliers

050242

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

**PINCES ÉTAU MONO SERRAGE** - Lock-grip pliers

X6 - KIT: 050112

KIT: 050266

X3, X3, X5, X5 = 16

**ASPIRATEURS DE FUMÉE** - Fume Extraction Systems - Rauchgasabsauggerät

**UNI 2.0 RE**

- 400V 3 ~
- 50 Hz
- 1 100 W
- 1 500 m<sup>3</sup>/h max

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

061545

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

046467

Option:  
Filtre à charbon actif - Coal filter  
Ø UNI 2.0 RE

064522

**EVO 2.1 RE**

- 230V 1 ~
- 50 Hz
- 1 100 W
- 1 200 m<sup>3</sup>/h max

- arm 3 m
- included
- 85 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

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

062139

Ø 150 mm

792 mm

347 mm

**PROFI MASTER**

- 1 100 W
- 1 100 m<sup>3</sup>/h
- 72 dB (A)
- arm 3m
- 104 Kg (with arm)
- 400V / 3 ~ / 50 Hz

067783

Pre-filter x1 067820

Main filter x1 067844

**SMART MASTER**

- 1 100 W
- 950 m<sup>3</sup>/h
- 72 dB (A)
- occasional (1 sel N)
- arm 3m
- 81 kg (with arm)

- 230V / 1 ~ / 50 Hz  
included 067769
- 115V / 1 ~ / 60 Hz  
no plug 067776

Pre-filter x10 067790

Pre-filter x10 067806

Main filter x1 067813

**TORCHES ASPIRANTES** - Fume Extraction Torches - Rauchgas-Absaugbrenner - Antorcha con aspiración de humos

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

pour torches aspirantes - for fume Extraction Torches

• 230V / 1 ~, 1 100 W  
• 200m<sup>3</sup>/h max  
• 190mbar max  
• 26kg, 390 x 210 x 500 mm  
• 71 db  
• Système de nettoyage automatique du filtre - Filter auto cleaning system - Automatische Filterabreinigung

Filtre Classe M, EN 60335-2-69

included: 5 m, Ø50

Automatic ON/OFF 043237 Manual 043244

+ = 100 m<sup>3</sup>/h

**MASQUES RESPIRATOIRES** - Masks respirators - Atemschutzmasken - Máscaras respiratorias

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

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

Étui / Case 037045

FFP3 - EN 143 Anti poussières / Anti odeurs 037038

FFP1 (x20) EN 149 043916

FFP2D-OV M/L (x5) EN 149 043923

x 2

**CABINE DE SOUDAGE**  
- Welding booth - Schweißstand



Compact  
400 x 400 x 500 mm  
060173

590 x 450 x 1000 mm  
060050

**COUVERTURE ANTI-CHALEUR** - Heat protection cover - Hitzeschutzdecke - Manta anti-calor



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

**MAGNET** - Magnethalterung



(x2) 052291

**ÉCRANS DE PROTECTION** - Welding curtain and frame - Schweißerschutzwand

MADE IN FRANCE



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

**LUNETTES DE PROTECTION** - Protection goggles - Schutzbrillen

Antiprojection/meulage - Anti-projection/grinding - Anti-proyección/amoladura - Spritzschutz/Schleifen



EN 166

Shade/IRS 042841  
Shade/IR0 042865  
Shade/IR0 042810  
Shade/IR0 047778  
Shade/IR0 047792  
Shade/IR0 047839

**CASQUE DE CHANTIER** - Hard hat - Schutzhelm



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

-23dB

adjustable Ø 55>62 cm

**SOUDURE CHALUMEAU** - Torch welding - Autogenschweißen



Shade/IRS 042803  
Shade/IRS 042858

**CAGOLE TEXTILE DE PROTECTION** - Fireproof hood - Textil-Schweißer-schutzhaube - Máscara de protección



EN ISO 11611 Class 1/A1+A2 064195

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

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

**GANTS DE SOUDAGE** - Welding gloves - Schweißhandschuhe - Guantes

**TIG**

**BASIC**  
Gants PRO TIG - T10 045194

EN 388 2122  
EN 407 422X4X EN12477 Class : A1

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

EN 388 2111XX  
EN 407 41313X EN12477 Class : A1

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

EN 388 2111XX  
EN 12477 TYPE B  
EN 407 412X4X EN12477 Class : A1

**MMA - MIG/MAG**

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

EN 388 4244  
EN 407 423X4X EN12477 Class : A1

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

EN 388 4244  
EN 407 423X4X EN12477 Class : A1

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

20 x 15 cm x1 064157

EN 388 4244  
EN 407 423X4X EN12477 Class : A1

**GANTS DE MANUTENTION / MEULAGE** - Handling gloves - Handschuhe - Guantes

Anti coupeure - Antri-cut T9 045897

EN 388 4342

✓ écran tactile touch screen friendly

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

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

T10 064188

EN 420 2003 +A1

EN 388 2011 X

**TABLIER CUIR MULTI-USAGE** - Multi-use leather apron - Delantal de cuero multi-uso - Mehrzweck-Lederschürze



EN ISO 11611 Class 2-A1

045200 045217

**MANCHETTES DE SOUDEUR** - Welding sleeves - Schweißärmel - Mangas protectoras

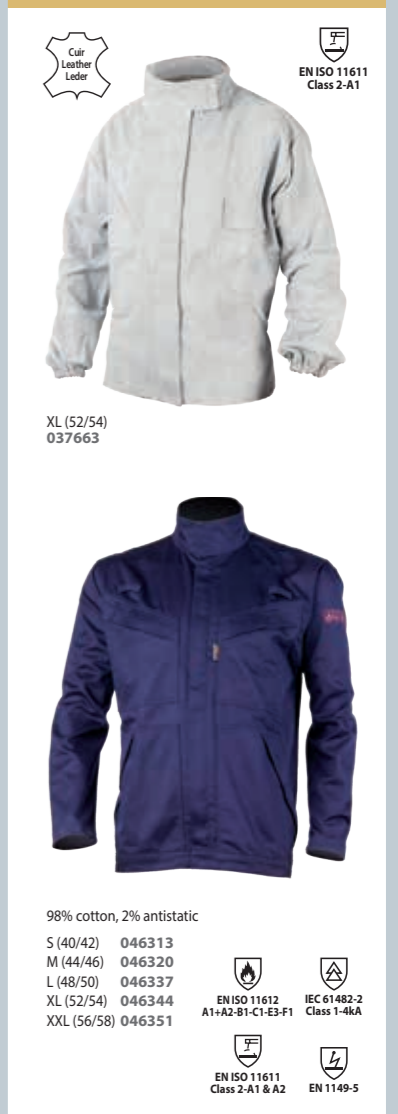


EN ISO 11611 Class 2-A1

450 mm x2  
400 mm x2

045231 037670

**VESTE** - Jacket - Jacke



EN ISO 11611 Class 2-A1

XL (52/54) 037663

98% cotton, 2% antistatic

S (40/42) 046313  
M (44/46) 046320  
L (48/50) 046337  
XL (52/54) 046344  
XXL (56/58) 046351

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

**KITS DE PROTECTION** - Protection kits - Schweißerschutzkit



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

Lot Equipement professionnel du soudeur - Professional kit - Profi-Schweißerskit 070561

**CHAUSSURES** - Shoes



0% metal

EN ISO 20345 S3 HI HRO SRC

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

**PANTALON** - Trousers - Hose



98% cotton, 2% antistatic

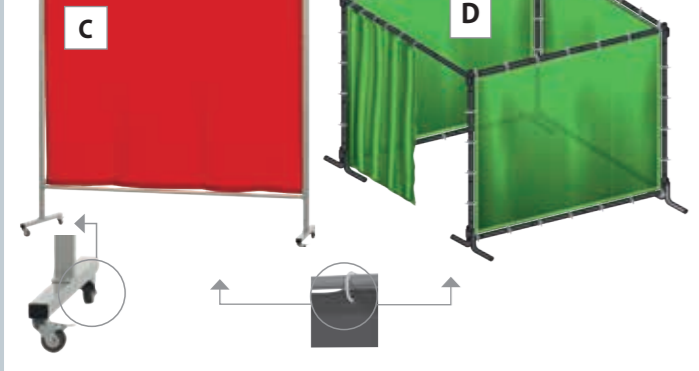
S (40/42) 046368  
M (44/46) 046375  
L (48/50) 046382  
XL (52/54) 046399  
XXL (56/58) 046412

**BASIC**



A B

**PRO**



C D

	A OPTI 200.0	B OPTI 200.G	C OPTI 215.0	D OPTICAB 240.G
↕ mm	2000 x 2000	2000 x 2000	2000 x 2150	2400 x 2400 x 1800 (H)
⊕ mm	0,4	0,4	0,4	0,4
rollers	—	—	OK	—
ref	060227	060463	060470	060616

# HELMETS

## TECHNOLOGY

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

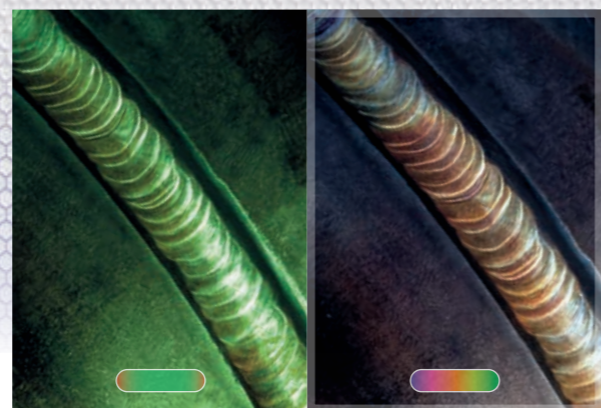
### Teinte initiale - Initial shade



Classic

ULTRA CLEAR

### Spectre de couleur - Spectrum view



Classic

TRUECOLOR

### Capteurs sensibles - Sensitivity sensors

Classic

HIGH SENSIBILITY



Sensors x2

Sensors x4

Sensors x7

### Serre-tête - Headgear



Simple

Multi

COMFORT PRO

MULTIFIT +

ERGOFIT +

Comfortable back

Comfortable back / Perfect stability

### MANUAL

11

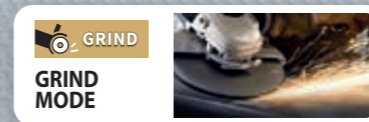


# HELMETS

11

77

HELMETS



LCD TECHNO 11  
064997

◀ 98 x 35 mm | □ → ■ 0.6 ms

TRUECOLOR



LCD MASTER 11  
043442

◀ 100 x 49 mm | □ → ■ 0.5 ms

TRUECOLOR



LCD SPACE 11  
TRUECOLOR  
062245

◀ 100 x 49 mm | □ → ■ 0.5 ms

TRUECOLOR



LCD EXPERT 11  
CARBON  
040755

◀ 100 x 49 mm | □ → ■ 0.5 ms

TRUECOLOR



LCD INVADER 11  
TRUECOLOR  
062252

◀ 100 x 49 mm | □ → ■ 0.5 ms

TRUECOLOR

# HELMETS

9-13

◀ 98 x 43 mm

□ → ■ 0.3 ms

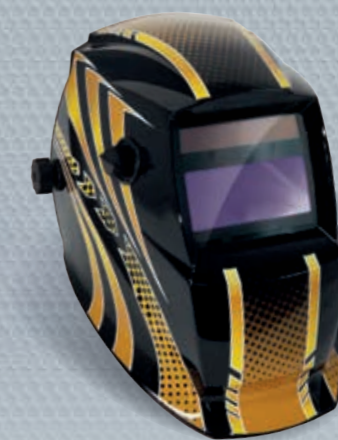
GRIND + (100) x 4



HERMÈS SILVER  
040908



HERMÈS RED  
040885



HERMÈS GOLD  
040892

VERRES - Lenses - Schutzgläser					TRUECOLOR	DELAY									MASK BRAND	
105x50 (x50)	042629	105x50 (x50)	042643	<b>HANDMASK 11</b>	11	—	—	—	—	92x36 mm	■	—	—	—	400 g	Gys
110x90 (x5)	040816	110x90 (x5)	040762	<b>FLIP FLAP 0/11</b>	11	—	—	—	—	97x80 mm	■	—	—	Simple	425 g	Toolit
110x90 (x5)	040816	102x40 (x5)	040830	<b>LCD TECHNO 11</b>	3>11	■	0.60 ms	0.35 ms	1/1/1/1	98x35 mm	—	—	☀	Simple	420 g	Gys
110x90 (x5)	040816	104x55 (x5)	040847	<b>LCD MASTER 11</b>	3>11	■	0.50 ms	0.35 ms	1/1/1/1	100x49 mm	—	—	☀	Simple	400 g	Gys
392x117 (x3)	065215	103.6x54 (x5)	040809	<b>LCD SPACE 11 TRUECOLOR</b>	3>11 + 2x:5	■	0.50 ms	0.35 ms	1/1/1/1	100x49 mm	—	✓	☀	Multi	470 g	Gys
119x98 (x5)	040823	104x55 (x5)	040847	<b>LCD EXPERT 11 CARBON</b>	3>11	■	0.50 ms	0.35 ms	1/1/1/1	100x49 mm	—	—	☀	Simple	480 g	Gys
110x90 (x5)	040816	103.6x54 (x5)	040809	<b>LCD INVADER 11 TRUECOLOR</b>	3>11	■	0.50 ms	0.35 ms	1/1/1/1	100x49 mm	—	✓	☀	Multi	480 g	Toolit
115x102 (x5)	040793	103.6x54 (x5)	040809	<b>HERMES</b>	4-9>13	—	0.30 ms	0.10>1 s	1/1/1/3	98x43 mm	■	—	☀ + 2 (CR 2032)	Simple	520 g	Toolit





# HELMETS

5-9/9-13



**GYS**

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



**ERGOTECH +**  
**5-9/9-13 SILVER**  
068650



**ERGOTECH +**  
**5-9/9-13 BLACK**  
068667



**ERGOTECH +**  
**5-9/9-13 DREAM**  
068674



**NEW**

**GYS**



**ALIEN + TRUECOLOR XXL**  
068698

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



**GYS**



**GYSMATIC XL TRUECOLOR**  
037908

- 100 x 60 mm
- 0.08 ms
- GRIND
- ULTRA CLEAR 3 CLASS 1/1/1/1
- TRUECOLOR



**GYS**



**GYSMATIC XXL TRUECOLOR**  
037236

- 100 x 83 mm
- 0.1 ms
- GRIND
- ULTRA CLEAR 3 CLASS 1/1/1/1
- DIGITAL
- TRUECOLOR



Sac pour masque de soudage  
- Carry bag for helmet welding

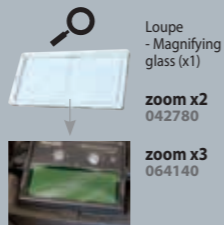


Bandeau anti-transpiration  
- Antiperspirant - headband

043466  
for Multifit+, Ergofit + Multi, Simple

062627  
for Comfort Pro x2

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



				TRUE COLOR	HF	DELAY									MASK BRAND
114 x 133 (x10)	043893	103,7 x 69,5 (x5)	043695	ERGOTECH +	3-5>9/9>13	-	0.10 ms	—	0.15 > 0.8 s	1/1/1/1	4 HIGH SENSITIVITY	XL : 100x67 mm	☼ + 2 ☼ (CR 2450)	Multifit +	580 g Gys
114 x 133 (x10)	043893	104 x 96 (x5)	043596	ALIEN + XXL TRUECOLOR	3-5>9/9>13	✓	0.10 ms	✓	0.15 > 0.8 s	1/1/1/1	4 HIGH SENSITIVITY	XXL : 100x90 mm	☼ + 2 ☼ (CR 2032)	Multifit +	560 g Gys
110 x 90 (x5)	040816	106 x 66 (x10)	043886	GYSMATIC XL TRUECOLOR	4-5>9/9>13	✓	0.08 ms	✓	0.1 > 0.9s	1/1/1/1	4 HIGH SENSITIVITY	XL : 100x60 mm	☼ + 2 ☼ (CR 2450)	Simple	540 g Gys
114 x 133 (x10)	043893	106 x 89,5 (x10)	046825	GYSMATIC 5/13 AIR XXL TRUECOLOR	4-5>9/9>13	✓	0.10 ms	✓	0.1 > 0.9 s	1/1/1/1	4 HIGH SENSITIVITY	XXL : 100x83 mm	☼ + 2 ☼ (CR 2450)	Simple	680 g Gys
				GYSMATIC XXL TRUECOLOR										Comfort Pro	

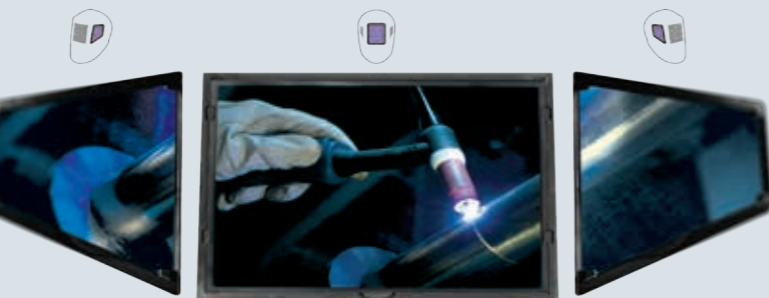
# HELMETS

### 5-9/9-13

## PANORAMIC VIEW

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

**PANORAMIC 3XL  
TRUECOLOR**



Fixed DIN 5

☐→■ DIN 3 > 5 / 13 Adjustable

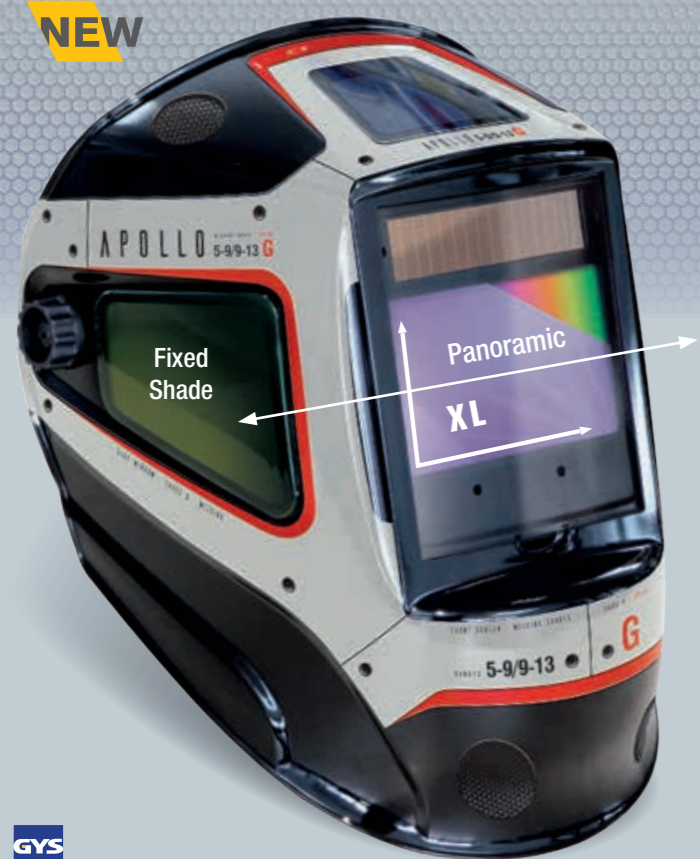
Fixed DIN 5

☐→■ DIN 3 > 10

☐→■ DIN 3 > 4 / 12 Adjustable

☐→■ DIN 3 > 10

**NEW**



**GYS**

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



100 x 67 mm | ☐→■ 0.1 ms

GRIND + DIGITAL + PANORAMIC

CLASS 1/1/1/1 | ULTRA CLEAR 3 | TRUECOLOR

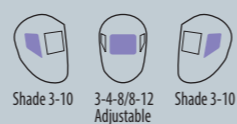
+



Multifit+

**GYS**

**PANORAMIC 3XL  
TRUECOLOR**  
037281



114 x 85 mm | ☐→■ 0.15 ms

GRIND + DIGITAL + PANORAMIC

CLASS 1/1/1/1 | ULTRA CLEAR 3 | TRUECOLOR

Sac pour masque de soudage  
- Carry bag for helmet welding

**GYS**



043299



066656

**GYS**



Bandeau anti-transpiration  
- Antiperspirant - headband

043466  
for Multifit+, Ergofit +  
Multi, Simple

062627  
for Comfort Pro

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

Loupe  
- Magnifying  
glass (x1)

zoom x2  
042780

zoom x3  
064140

VERRES  
- Lenses  
- Schutzgläser

				TRUE COLOR	☐→■ HF	☐→■ DELAY									MASK BRAND	
114 x 133 (x10)	043893	103.7 x 69.5 (x5)	043695	<b>APOLLO+ 5-9/9-13 G</b>	3-5>9 / 9>13 + 2x: 5	☐→■ 0.10 ms	—	0.15 > 0.8 s	1/1/1/1	4 HIGH SENSITIVITY	XL : 100x67 + 2x103.7x69.5 mm	☑	☼ + 2 ☑ (CR 2450)	<b>Multifit +</b>	580 g	Gys
390 x 150 (x3)	037311	special kit (x1)	037304	<b>PANORAMIC 3XL TRUECOLOR</b>	3-4-8 / 8 > 12 + 2x: 3 > 10	☐→■ 0.15 ms	☑	0.15 > 0.8 s	1/1/1/1	4 HIGH SENSITIVITY	114x85 + 2x(68x80) mm	☑	☼ + 2 ☑ (CR 2450)	Multi	610 g	Gys
290 x 147.5 (x10)	071025	135.2 x 62.8 (x10)	071018	<b>LCD GYSMATIC FLIP- FLAP GOGGLE 3</b>	3-4-8 / 8 > 13	☐→■ 0.05 ms	—	0.06 > 1.0 s	1/1/1/1	3	XL : 138x58 mm	☑	☼ + 2 ☑ (CR 2032)	<b>Ergofit+</b>	578 g	Gys
385.8 x 137.7 (x10)	070998	133.5 x 60.4 (x10)	070981	<b>LCD GYSMATIC GOGGLE 3</b>	3-4-8 / 8 > 13	☐→■ 0.10 ms	☑	0.06 > 0.10 s	1/1/1/1	7 HIGH SENSITIVITY	XXL : 130x58 mm + 2x 52x48 mm	☑	☼ + 2 ☑ (CR 2450)	<b>Ergofit+</b>	580 g	Gys

# HELMETS

### 4-8/8-13



**FLIP FLAP**

EXCLUSIVE FOR  
**PROFESSIONAL**



**GYSMATIC FLIP-FLAP  
GOGGLE 3 TRUECOLOR**  
068711

130 x 58 mm | ☐→■ 0.05 ms

GRIND + DIGITAL + ULTRA CLEAR 3

CLASS 1/1/1/1 | TRUECOLOR

**NEW**



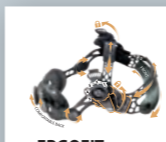
**GYSMATIC GOGGLE 3  
TRUECOLOR**  
068704

130 x 58 mm | ☐→■ 0.1 ms

GRIND + DIGITAL + 7 + ULTRA CLEAR 3

PANORAMIC | CLASS 1/1/1/1 | TRUECOLOR

**NEW**



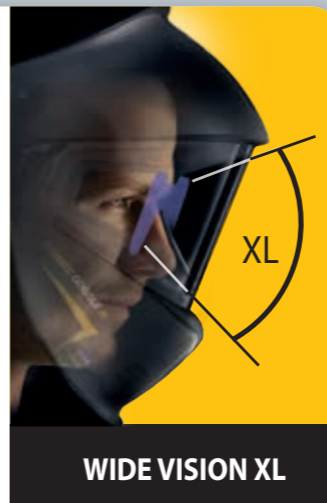
**ERGOFIT +**



**ULTRA CLEAR  
INITIAL SHADE 3**



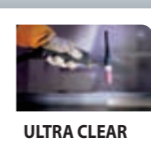
**DIGITAL CONTROLS  
AUTOMATIC  
MANUAL OPTIONS**



**WIDE VISION XL**



**ERGOFIT +**



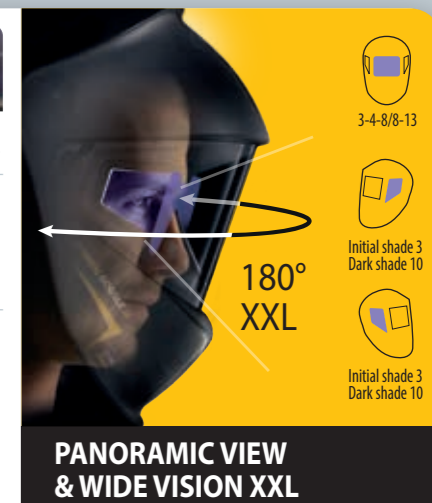
**ULTRA CLEAR  
INITIAL SHADE 3**



**DIGITAL CONTROLS  
AUTOMATIC & MANUAL OPTIONS**



**x7 HIGH SENSITIVITY SENSORS**



**PANORAMIC VIEW  
& WIDE VISION XXL**

3-4-8/8-13

Initial shade 3  
Dark shade 10

Initial shade 3  
Dark shade 10

Initial shade 3  
Dark shade 10

Initial shade 3  
Dark shade 10

**60W**  
040373

**COMPLETE**  
**100W**  
040397

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

040380

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

**Norm ISO EN 9453**

	Norms		Composition %			T° fusion °C	Décapant - Flux	Ø mm	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 250 047136
			50	50	—	183-216	integrated	1.5	50 046641 100 046658 250 047129
			60	40	—	183-190	integrated	1	50 046665 100 046672 250 047112
Étain-Cuivre TIN COPPER Zinn-Kupfer	SnCu3	S-Sn97Cu3	97	—	3	227-310	external (ref.040549)	2	50 046689 100 046696 250 047143
			99.3	—	0.7	227	integrated	1	100 062696
			Sn993Cu07	99.3	—	0.7	227	integrated	1

Flux universel - Soldering flux - Lötflott

T° fusion 450 °C  
20 g  
040549

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

T° fusion 80 °C  
100 g  
047808

**LAMPES À SOUDER PROFESSIONNELLES - Professional blow torches - Gasbrenner**

**PIEZO START**

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

**040342**

**LIGHTER START**

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

**038820**

**BRIQUET À TASSE - Cup lighter - Topfanzünder**

**040403**

**052741**

Flamme à pointe fine  
Fine flame tip (included)

European fitting 7/16"

**060777**

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

450 > 550 °C

Included GAS B3 Ref. 040441

**TAMPONS DE NETTOYAGE AVANT BRASAGE - Pre-brazing cleaning pads**

**047563**

x 5

**CARTOUCHES DE GAZ - Gas Cartridges - 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

**MÉTAUX D'APPORT FLAMME - Gas welding rods - Lötstäbe**

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

**Décapant - Flux - Flussmittel**

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

**CHALUMEUX SOUDEURS/BRASAGE - Gas welding/brazing torches - Autogen-Schweißbrenner**

**G400 (400 L/h)**  
Capacity: 0,4 > 4 mm  
L = 330 mm / 320g

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

3 100°

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

**038868**

7 gas welding nozzles

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

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

**CHALUMEAU SOUDEUR/COUPEUR - Gas welding/cutting torches - Autogen-Schweißbrenner**

**CG1 (400 L/h)**  
Capacité de soudage - Welding capacity: 0,4 > 4 mm  
Capacité de coupe - Cutting capacity: 50 mm max  
L = 320 mm / 450 g

**CHALUMEUX COUPEURS HAUTE PRESSION - High pressure cutting torch - Autogen-Schweißbrenner**

**HG1** Cutting capacity: 120 mm max  
L = 470 mm / 1,12 kg

**HG1 Shielded**  
Cutting capacity: 120 mm max  
L = 470 mm / 1,27 kg

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

calibre (mm)	cutting (mm)	oxygene /acetylene	oxygene /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

**CHALUMEUX CHAUFFEURS - Blowtorches - Autogen-Schweißbrenner**

**CH80**  
040335

**CH120**  
038806

**CH1000**  
038875

**KITS CHALUMEUX - Blowtorch kit - Schweißbrennerset**

**040328**

**038844**

**LOT ANTI-RETOUR PARE FLAMME OX/AD - Flashback arrestor kit - Schnellkupplungsset**

039070 EN 730-1

**RACCORDS RAPIDES OX/AD - Quick release connectors OX/AD - Schnellverschlüsse OX/AD**

039087 EN 730-1

**DÉTENDEURS - Regulators - Druckminderer**

EN 585/ISO 2503

**TUYAUX - Hose - Schlauch**

**LUNETTES DE PROTECTION - Gas welding goggles - Schutzbrillen**

Shade/IRS 042803

Shade/IRS 042858

**LAMPE BALADEUSE - Hand Lamp - Handleuchte**

**100-250 lumens (x3)**

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

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

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

↳ 260 x 100 x 100 mm

059955



**400 lumens**

**400 L**  
COB LED

Li-ion  
Charging time: 8h  
USB power supply

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

↳ 230 x 65 x 40 mm

059153



**200-400 lumens**

**ÉTANCHE 400 L**  
COB LED

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

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

↳ 285 x 65 x 65 mm

IP 56

059948

Étanche - Waterproof



**250-600 lumens**

**PRO 600 L**  
COB LED, 80 CRI

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

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

↳ 190 x 56 x 29 mm

IP 54

210 g

060883



**LAMPE INSPECTION - Inspection Lamp - Inspektionslampen**

**120-200 lumens**

**MINI 200 L**

COB LED, 80 CRI, 6500 K

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

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

IP 20

↳ 76 g, ↳ 174 x 27.5 x 28 mm

060852



**100-280 lumens**

**FRONTALE 280 L**

3 W COB LED  
80 CRI+  
6500 K

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

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

IP 65

↳ 110 g, ↳ 78.5 x 47.5 x 42 mm

060845



**50-500 lumens**

**FLEXIBLE 500 L**

COB LED  
80 CRI+  
6500 K

3.7 V - 2600 mAh Li-ion  
USB charging (4 h)  
USB power supply

**operating time**  
High position: 2 h  
Low position: 16 h  
Top light: 9.5 h

IP 54

↳ 290 g, ↳ 423 x 65.5 x 44.5 mm

060869



**0-600 lumens**

**PRO 600 L**

COB LED  
6500 K

3.7 V - 2600 mAh Li-ion  
USB power supply

**operating time**  
1.5 > 15 h

↳ 380 x 40 x 45 mm  
300 g

057760

058309



**LAMPE AMBIANCE 360° - 360° ambient lamp**

**60-1000 lumens**

**1000 L**  
>80 CRI SMD LED  
6500 K

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

**operating time** 2 > 27 h

↳ 260 x 75 x 75 mm  
IP 54  
450 g

059764



**LAMPE SOUS CAPOT - Under bonnet lamp - Leuchte für Motorhaube**

**500-1000 lumens**

**600 L**  
120 COB LED

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

**operating time**  
High position: 4 h  
Low position: 8 h

1.7 kg

059962



**250-800 lumens**

**800 L**  
120 COB LED

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

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

058002

058316



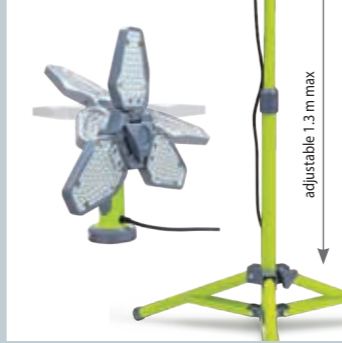
**PROJECTEUR SUR TRÉPIED - Worklight with tripod - Arbeitsleuchte mit Standfuß**

**1800 lumens**

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

1.8 m power cord

059146



**3000 lumens**

**3000 L**  
35 W COB LED

2 m power cord

IP 44

059979

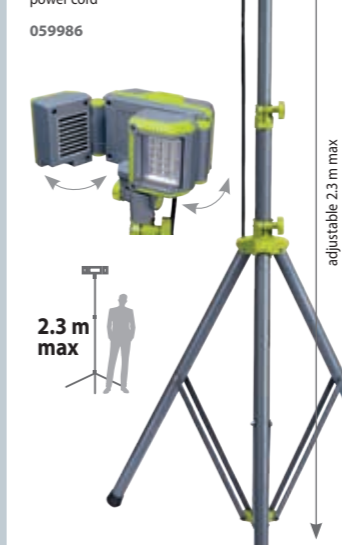


**4000 lumens**

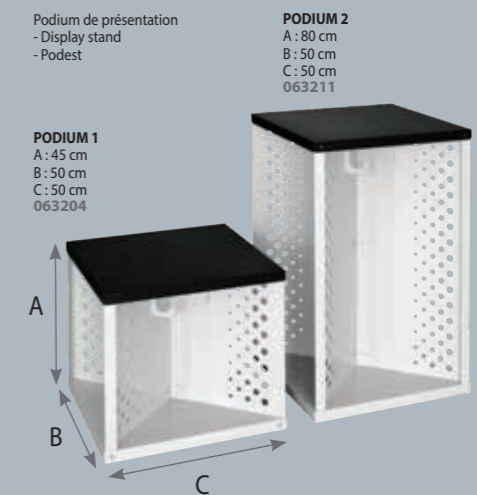
**4000 L**  
3 x 20 COB LED,  
total 60 LED

3 m power cord

059986



**MARKETING**



Petit présentoir - Product Display - Geräte-Aufsteller (machines not included) 060043



Linéaire de vente avec 2 étagères - Retail display space with 2 shelves (machines not included) 073272



Console - Display - Produkt-Aufsteller  
130 P + 160 P + 200 P + 173 E (machines not included) 060449



Oriflamme - Flag - 3 m x 0,50 m 098046



A premium international brand for dedicated professionals  
Une marque internationale pour les Professionnels de la soudure  
Die internationale Marke für Schweiß-Profis  
Un marchio internazionale per i professionisti della saldatura  
Una marca internacional para los profesionales de la soldadura  
Het internationale merk voor professionele lassers



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095359