



MADE IN FRANCE
MANUFACTURER SINCE 1964



INVEST IN THE FUTURE



Welding & Cutting

Soudage & Coupage • Schweißtechnik Katalog
Catálogo de Soldadura

2016 B

www.gys.fr

MMA • TIG • MIG • PLASMA • INDUCTION • CONSUMABLES • ACCESSORIES



A family firm since 1964
 Une société familiale depuis 1964
 Familienunternehmen seit 1964

9 Companies / Sociétés / Gesellschaften
500+ Employees / Employés / Mitarbeiter
110+ Export markets / Pays distributeurs / Länder

www.gys.fr



3 catalogues
 3 catalogues
 3 Kataloge



Welding & cutting
 Soudure & coupage
 Schweisstechnik



Chargers, boosters & starters
 Chargeurs, démarreurs
 Batterieservicegeräte



Carbody repair
 Réparation carrosserie automobile
 Karrosseriereparatur-Systeme

An international presence
 Une présence mondiale
 Internationale Präsenz

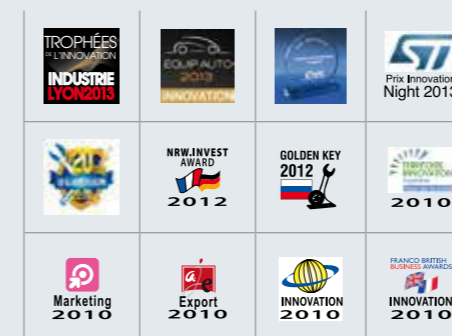
FR Présent dans plus de 100 pays, GYS s'appuie sur son siège social en France et sur ses 5 filiales pour étendre chaque jour son rayonnement sur le monde. Portés par une équipe dynamique et une stratégie de croissance ambitieuse, nous avons pour objectif de consolider la richesse de nos collaborations internationales et conquérir en permanence de nouveaux territoires.

EN Present in over 100 countries, GYS have their head office in France and its five subsidiaries to expand its international influence. Carried by a dynamic team and an ambitious development strategy, we aim to reinforce our international collaborations and constantly conquer new territories.

DE Täglich verlassen über 1000 GYS Geräte, Maschinen und Zubehör das Werk in Laval, um in mehr als 100 Ländern zuverlässig zu funktionieren. Täglich stehen wir mit unseren Handelspartnern in allen Teilen der Welt in engem Kontakt. Mit unseren 5 Niederlassungen sind wir ganz nahe bei unseren Kunden. Und wir arbeiten weiter am Ausbau unserer internationalen Präsenz.



An innovative group
 Un groupe innovant
 Innovative Unternehmensgruppe



Awards

Prestigious partners
 Des partenaires prestigieux
 Renommierter Partner



Certifications

A high tech R&D department

Un centre R&D de pointe • Hochmodern F&E Zentrum

FR Regroupant plus de 40 experts dans de multiples spécialités (électronique, mécanique, etc.), le département R&D est porteur de l'innovation permanente de produits de haute technicité. En 2014, GYS consacre un investissement important dans l'ouverture d'un nouveau centre d'études pour permettre à nos chercheurs d'élaborer et concevoir des systèmes novateurs à l'aide d'outils de pointe. Les compétences de nos ingénieurs conjuguées à une bonne écoute client permettent de proposer en permanence de nouveaux produits répondant aux besoins de nos utilisateurs.

EN With over 40 expert engineers in multiple specialties (electronic, mechanical, etc.), the R&D department delivers continuous innovation for high tech products. In 2014, GYS established an important investment by opening a new research centre to provide the best resources for our researchers to continue to develop innovative solutions and improvements. By listening to our customers and combining this information with our engineers' expertise, GYS are able to constantly offer new products to meet user demands.

DE Wir beschäftigen in unserer F+E Abteilung mehr als 40 Ingenieure. Die Nähe zu unseren Kunden und das Verständnis für deren Aufgabenstellung bildet die Grundlage für die innovative Weiterentwicklung

unseres Produktportfolios. Im Sommer 2014 haben wir das neue GYS F+E Center bezogen, welches mit der neuesten Messtechnik und hochmodernen Laboratorien ausgestattet ist. Wir analysieren z.B. mit Highspeed-Kameratechnik Schweißverhalten und reproduzieren in einer Klimakammer extreme Wetterverhältnisse und die elektromagnetische Charakteristik unserer Maschinen in einem völlig von äußerer Strahlung abgeschirmten Raum.



GYS Academy

Académie • Akademie

FR Les centres de formation GYS, situés en France, en Allemagne et en Angleterre sont à votre service pour vous proposer des formations sur nos produits. Nos experts sont à votre écoute et mettent à votre disposition, leurs compétences et leurs connaissances les plus pointues.

EN The GYS training facilities, located in France, Germany and UK are at your service and offer training courses on GYS products. Our product experts are here to listen to your questions and requirements and to share their most advance knowledge.

DE Unsere GYS-Schulungszentren in Frankreich, Deutschland und England, stehen Ihnen für Produktschulungen zur Verfügung. Unsere kompetenten Experten sind für Sie da und unterstützen Sie mit ihren Fachkenntnissen.



100% in-house manufacturing

Une usine 100% intégrée • 100% integrierte Produktion

FR Visiter notre site de production est un parcours surprenant qui traverse une incroyable variété de métiers (électronique, mécanique, transformateur, filerie, tôlerie, peinture...). Notre philosophie repose sur l'intégration complète de notre processus de production pour en maîtriser les moindres détails. Cette industrialisation dans des ateliers certifiés ISO 9001 offre à nos clients une grande flexibilité et une réactivité accrue.

L'investissement et l'amélioration continue de la performance de cet outil de production sont notre raison de vivre, car nous considérons que celle-ci est la garantie de notre compétitivité de demain.

EN Visiting our manufacturing site is a surprising journey which extends through an incredibly wide range of functions (electronic, mechanical, transformer, wiring, sheet metal, painting). Our philosophy is based on the complete integration of our production process to control every detail.

The factory has ISO 9001 certification and is a flexible resource enabling us to be very responsive to customer needs. The investment and continuous improvement in performance of this production facility are the back bone for our existence, we consider it the guarantee for our future competitiveness.

DE Besucher unserer Fertigung sind beeindruckt von der unglaublichen Produktionstiefe. Viele verschiedene Gewerke sind miteinander verbunden: Elektronik, mechanische Fertigung, Trafo-Wickelei, Kabelkonfektionierung, Blechschlosserei und eine zentralgesteuerte Pulverbeschichtungsanlage bis hin zum individuellen Siebdruckverfahren. Unsere Philosophie beruht auf Unabhängigkeit und eigener Qualitätssicherung. Wir wollen jede Phase des Fertigungsprozesses selbst definieren sowie kontrollieren und sind nach ISO 9001-zertifiziert.

Grow your sales _____ p. 6

MMA

Traditional _____ 7
 GYSMI _____ 8
 PROGYS _____ 10
 EXAGON _____ 12
 Accessories and consumables _____ 14

TIG

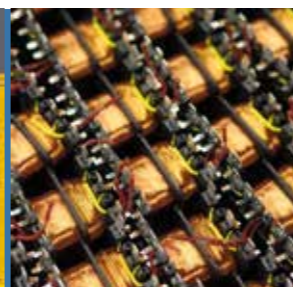
DC _____ 20
 AC/DC _____ 22
 Complete packs _____ 26
 Accessories and consumables _____ 28

MIG/MAG

SMARTMIG _____ 30
 EASYMIG _____ 32
 PEARL _____ 34
 MONOGYS _____ 36
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Plasma _____ 54

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 Spot welding _____ 60
 Induction _____ 60
 Helmets _____ 61
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 Metrology _____ 70
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Electronics
 - Électronique
 - Elektronik

Paintshop
 - Peinture
 - Lackieranlage

Mechanical engineering
 - Mécanique
 - CNC-Bearbeitung

Metal work
 - Tôlerie
 - Blechbearbeitung

Ink printing
 - Sérigraphie
 - Siebdruck

Transformers
 - Transformateurs
 - Transformatoren

Cable work
 - Filerie
 - Kabelkonfektionierung

Assembly
 - Montage/tests
 - Montage

Logistics
 - Logistique
 - Logistik

GROW YOUR SALES - DYNAMISEZ VOS VENTES - STEIGERN SIE IHREN UMSATZ



Console - Display
- Produkt-Aufsteller
GYSMI 80P + 130P + 160P + E160
(machines not included)
060203



Console - Display
- Produkt-Aufsteller
GYSMI 130P + 160P + 200P + E160
(machines not included)
060449



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

Linéaire de vente
- Retail display space
- Lochwandregal mit
3 Böden
(machines not included)
060388



TYPE A
complet - complete
061002
sans linéaire - without display stand
061019

NEW
01/2016



TYPE E
complet - complete
061040
sans linéaire - without display stand
061057

NEW
01/2016



TYPE M
complet - complete
061026
sans linéaire - without display stand
061033

NEW
01/2016

PACK 1
GYSMI 130P + FLIP FLAP

014732



PACK 5
GYSMI 160P + LCD TECHNO 9/13

031555



PACK 2
GYSMI 130P + LCD TECHNO 11

031449



PACK PRO 3
GYSMI 200P + LCD TECHNO 9/13

031579



PACK 3
GYSMI 160P + LCD TECHNO 11

030435



PACK PRO 1
GYSMI E160 + LCD TECHNO 9/13

031548



PACK 4
GYSMI E160 + LCD TECHNO 11

031456



PACK PRO 2
GYSMI E200 FV + HERMES 9/13

031531



MMA TRADITIONAL



PROFESSIONAL

EXPERT 130
230V 1~
130 A
Ø 2+3.2 mm

EXPERT 220 DV
230V 1~/400V 2~
220 A
Ø 2+4 mm



015029



015128

INDUSTRIAL

MASTER 250
400V 3~
220 A
Ø 2.5+4 mm

MASTER 350
400V 3~
320 A
Ø 3.2+6 mm

MASTER 450
400V 3~
400 A
Ø 1.6+8 mm

NEW
2016

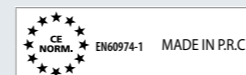
no accessories: 014930

no accessories: 014954

no accessories: 014916

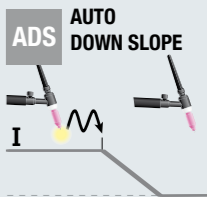
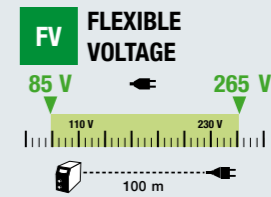
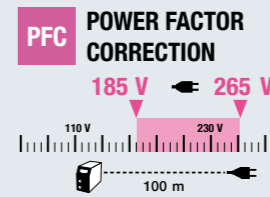
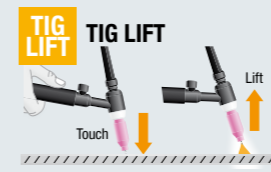
OPTIONS

	300 A Ø 35 mm ² - 4 m (x1) 043862		500 A Ø 50 mm ² - 4 m (x1) 043879
	300 A Ø 25 mm ² - 4 m (x1) 043800		400 A Ø 35 mm ² - 4 m (x1) 043817
			500 A Ø 50 mm ² - 4 m (x1) 043824

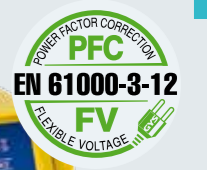


	50/60 Hz	I _{AM}	I ₂	EN60974-1 (40°C)	U ₀	↕	⚖
EXPERT 130	230V 1~	10	130	60% @ 53 A	48	47 x 24 x 32	18
EXPERT 220 DV	230V 1~ 400V 2~	25 13	220	60% @ 90 A	48	48 x 30 x 38	22
MASTER 250	400V 3~ (50 Hz)	-	80+220	35% @ 220 A	40-68	61 x 42 x 75	74
MASTER 350	400V 3~ (50 Hz)	-	140+320	35% @ 320 A	60-80	66 x 57 x 85	117
MASTER 450	400V 3~ (50 Hz)	-	140+400	35% @ 400 A	60-85	66 x 57 x 85	117

MMA INVERTER • GYSMI



MMA • INVERTER • GYSMI



GYSMI 80P
80 A — Ø 1.6+2.5 mm

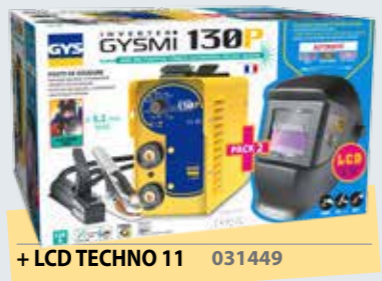
GYSMI 130P
130 A — Ø 1.6+3.2 mm

GYSMI 160P
160 A — Ø 1.6+4 mm

GYSMI 200P
200 A — Ø 1.6+5 mm

GYSMI E160
160 A — Ø 1.6+4 mm

GYSMI E200 FV
200 A — Ø 1.6+5 mm



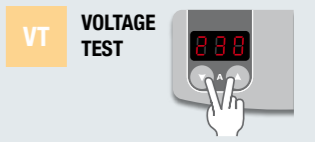
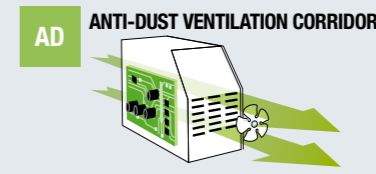
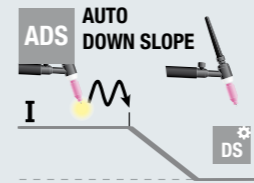
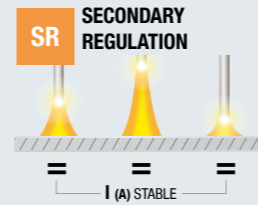
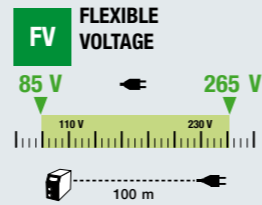
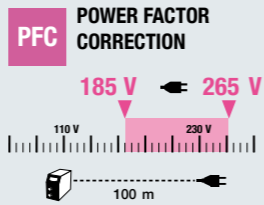
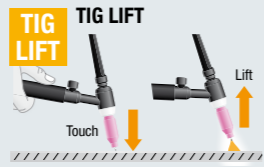
OPTIONS

TIG TORCH KIT SR17V (valve) 4 m, 10/25mm² for GYSMI:
 ✓ 130P
 ✓ 160P
 ✓ 200P
 ✓ 220P
 ✓ E160
 ✓ E200FV

044425

MADE IN FRANCE EN60974-1	50/60Hz	A	I ₂ (MMA) A	I ₂ (TIG) A	Ø mm	INTEGRATED TECHNOLOGY					⚙️: V → 20" → ... # electrode / h						X% GYS (20°C) for normal use	EN60974-1 (40°C)		U ₀	mm ²	cm / kg	cm / kg	Protected & compatible power generator (+/-1.5%)	MADE IN FRANCE EN60974-1	
						P400	HS 90%	TIG Lift	PFC	FV	ADS	Ø1.6	Ø2	Ø2.5	Ø3.2	Ø4		Ø5	I _A (60%)							X% (I ₂ max)
GYSMI 80 P	230V	10	10+80	—	1.6+2.5	—	—	—	—	—	—	62	50	20	—	—	45% @ 80 A	31	6	85	10/25	23 x 14 x 10/2.5	40 x 30 x 14/4.7	3 kW	3.7 kVA	GYSMI 80 P
GYSMI 130 P	230V	13	10+130	—	1.6+3.2	■	—	—	—	—	—	62	50	47	24	—	55% @ 115 A	45	5	80	10/25	25 x 17 x 10/2.9	41 x 32 x 15/5.8	4 kW	5.0 kVA	GYSMI 130 P
GYSMI 160 P	230V	16	10+160	—	1.6+4	■	—	—	—	—	—	62	50	47	45	22	60% @ 160 A	85	14	72	10/25	27 x 17 x 11/4.2	42 x 36 x 17/6.8	6 kW	7.5 kVA	GYSMI 160 P
GYSMI 200 P	230V	32	10+200	—	1.6+5	■	—	—	—	—	—	62	50	47	45	30	58% @ 200 A	120	20	72	10/25	27 x 18 x 14/5	42 x 36 x 17/8.4	7 kW	10 kVA	GYSMI 200 P
GYSMI E160	230V	16	160	10+160	1.6+4.0	■	■	■	—	—	—	62	50	47	45	23	65% @ 160 A	90	19	72	10/25	27 x 21 x 12/4.6	42 x 36 x 17/7.9	6 kW	7.5 kVA	GYSMI E160
GYSMI E200 FV	230V 110V	16 20	200 130	10+200 10+130	1.6+5.0	■	■	■	■	■	■	62	50	47	45	35	64% @ 200 A	120 95	20 39	96	10/25	27 x 21 x 14/5.5	42 x 37 x 17/8.9	7 kW		GYSMI E200 FV

MMA INVERTER PROGYS



P400

PROGYS 180A
230 V • 1 ~
180 A Ø 1.6+4 mm

P400 HS 90% TIG LIFT PFC ADS

PROGYS 200A PFC
230 V • 1 ~
200 A Ø 1.6+5 mm

CEL ALU P400 HS 90% AF 90% TIG LIFT

PROGYS 200E FV CEL
110→230 V • 1 ~
200 A Ø 1.6+5 mm

HS 100% AF 100% TIG LIFT SR AD ADS

PROGYS 250 TRI
400 V • 3 ~
250 A Ø 1.6+5 mm

CEL HS 100% AF 100% TIG LIFT SR ADS AD VT

PROGYS CEL 250 TRI
400 V • 3 ~
250 A Ø 1.6+5 mm

CEL HS 90% AF 90% TIG LIFT PFC FV SR ADS AD VT FLEX

PROGYS FLEX 250A CEL
110→480 V • 1→3 ~
250 A Ø 1.6+5 mm

no accessories: 031838

2 m, 16 mm²	1.6 m, 16 mm²
031425	

no accessories: 031845

2 m, 25 mm²	1.6 m, 25 mm²
031432	

no accessories: 031852

3 m, 25 mm²	3 m, 25 mm²
030862	

MMA KIT

	kit 3	kit 4	kit 5
I (A)	200 A	200 A	300 A
mm²	25	25	35
mm²	10/25	35/50	35/50
L (m)	3	3	4
ref.	047396	047402	047341

Valise de chantier - Heavy-duty case
4 m
21 x 43 x 57 cm
3.9 kg

for Progys:
✓ 180A
✓ 200A PFC
✓ 200E FV CEL

060432



TIG TORCH KIT SR17V (valve)
4 m

for PROGYS (10/25 mm²):
✓ 180A
✓ 200A PFC
044425

for PROGYS (35/50 mm²):
✓ 200E FV CEL
✓ 250TRI
✓ CEL 250TRI
✓ FLEX 250CEL
044401

BINZEL



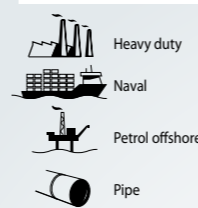
	~	50/60 Hz	I ₂	INTEGRATED TECHNOLOGY										X% GYS (20°C)	EN60974-1 (40°C)		U _o	cm / kg	Protected & compatible power generator (+/-15%)			
				P400	HS	AF	TIG Lift	PFC	FV	SR	ADS	AD	VT		CEL	IA (60%)				X% (I2 max)		
PROGYS 180A	1	230V	32	10+180	■	■	■	■	■	■	■	■	■	■	■	68% @ 180A	120	25	72	18 x 27 x 14/5	7 kW	10 kVA
PROGYS 200A PFC	1	230V	16	10+200	■	■	■	■	■	■	■	■	■	■	■	64% @ 200A	120	22	96	21 x 27 x 14/5.5		7 kW
PROGYS 200E FV CEL	1	230V	16	5+200	■	■	■	■	■	■	■	■	■	■	■	80% @ 200A	135	25	108	36 x 27 x 16/7.5		7 kW
PROGYS 250 TRI	3	400V	16	10+250	■	■	■	■	■	■	■	■	■	■	■	50% @ 200A	120	15	66	40 x 30 x 16/8.6	10 kW	12.5 kVA
PROGYS CEL 250 TRI	3	400V	16	10+250	■	■	■	■	■	■	■	■	■	■	■	100% @ 200A	180	25	100	42 x 32 x 21/18	10 kW	12.5 kVA
PROGYS FLEX 250A CEL	1	110→180V	32	10+140	■	■	■	■	■	■	■	■	■	■	■	100% @ 230A	220	40	100	44 x 32 x 23/18		10 kW
	3	180→300V	25	10+200	■	■	■	■	■	■	■	■	■	■	■							
	3	300→480V	16	10+250	■	■	■	■	■	■	■	■	■	■	■							

6 in 1 MULTIPROCESS INVERTER

EXAGON 400 CC/CV



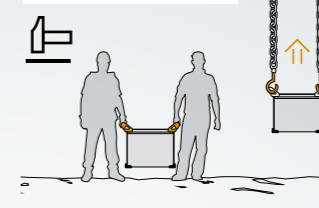
MULTI APPLICATIONS



IP 23



ROBUST DESIGN



MMA PULSE



400 A @ 60%

VRD
Voltage Reduction Device

IP 23



13

EASY TO USE

SAFETY
VRD : Voltage Reduction Device (U₀ = 31 V)

Electrode selection

6 in 1

- 1 MMA
- 2 MMA • PULSE
- 3 TIG DC LIFT
- 4 GOUGING
- 5 MIG • Portable feeder
- 6 MIG • Wire feeder



V/A control

Arcforce/Inductance control

SECURITY
Lock/Unlock parameters

Remote control

10 MEMORIES



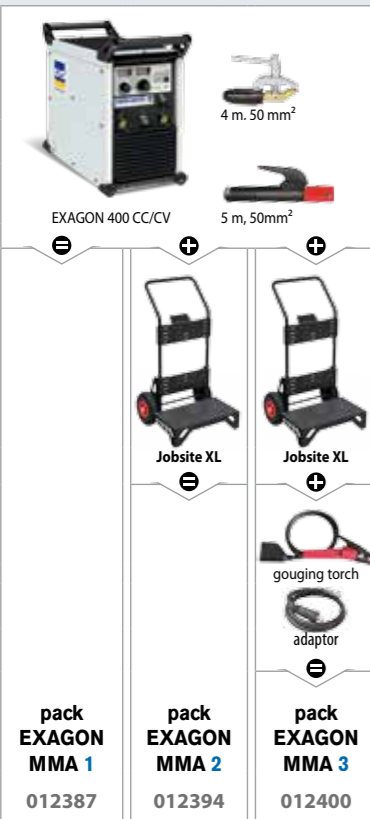
NEW
04/2016

Pedal & hand
remote control

connector for wire feeder
EXAFEED (p.42/43)

Filter kit
046580

PACKS



EQUIPMENT 1 2

KITS MMA

kit	A	MMA		TIG		Ref.
		L m	model	L m	model	
5	300	4	HELIX 400.70	4	CROCO 400.70	35 35/50 047341
6	500	5	SHARK 500.70	4	TYREX 600.95	50 35/50 047419
7	600	5	SHARK 600.120	4	TYREX 600.95	70 35/50 047426

EQUIPMENT 3

TIG TORCH



SR17V (valve)
4 m
044401

BINZEL

EQUIPMENT 4

GOUGING



Pince de gougeage - Gouging
Torch - Fugenhobel, 1 000 A
041516

Adaptateur gougeage
- Gouging clamp adaptor
95 mm² - 5 m
040670

Électrodes de gougeage - Gouging
- Electrodes - Kohleelektroden -
Electrodos de carbono
Ø 6.4 mm (x50) 086081
Ø 8 mm (x50) 086098

OPTION REMOTE



Remote control pedal
4 m - 3 kg
045682

Hand remote control
8 m - 1 kg
045675

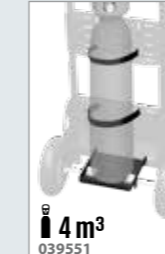
EQUIPMENTS 5 6

MIG : p.42/43

OPTION TROLLEY JOB SITE XL

↳ 600 x 1150 x 584 mm
039568

OPTION



4 m³
039551

CEL
cellulosic electrode

HS AF MMA PULSE TIG LIFT SR AD

EXAGON 400 CC/CV

400 V • 3 ~

5 ◀ 400 A

no accessories/no trolley :
010925

~	50 / 60 Hz	I ₂ MMA	I ₂ TIG	I ₂ MIG	INTEGRATED TECHNOLOGY							MMA/TIG/MIG EN60974-1 (40°C)		U ₀	cm / kg	Protected & compatible power generator (+15%)			
					HS	AF	MMA PULSE	TIG Lift	SR	AD	CEL	I _A (60%)	X% (I ₂ max)						
EXAGON 400 CC/CV	3	400V	32 A	20+400	5+400	15+400	■	■	■	■	■	■	■	400	60	84 V	58 x 52 x 30/32 kg	30 kW	36 kVA

6 in 1 • MULTIPROCESS INVERTER • EXAGON

ACIER/STEEL - Rutile - Rutile- Rutilos - Rutielen - Rútílos

6013



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%
 FV : 0°C 50j

					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
	Ø 4.0	350	47	■	085152	2.21
B	Ø 2.0	350	355	■	085022	4.82
	Ø 2.5	350	230	■	085039	4.46
	Ø 3.2	350	165	■	085046	4.85
	Ø 4.0	350	110	■	085053	5.39



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



PLASTIC BOX

					kg
Ø 2.5		350	252	086005	4.6
Ø 3.2		350	172	086012	5
Ø 4.0		350	117	086029	5

BASIQUE - Basic - Basisch - Básicos - Basis

7018 (low hydrogen)



Ø 2.5	350	210		081918
Ø 3.2	350	135		081925
Ø 4.0	350	96		081932

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

Position

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

ACIER INOXYDABLE - Stainless Steel - Edelstahl

312R



PLASTIC BOX

Position

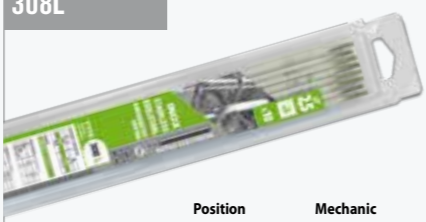
 Polarity (+)
Mechanic
 Re : 450 MPa
 Rm : 680 MPa
 A 5 d : 25%
 FV : -20°C 60j

Dissimilar Electrodes - Maintenance & Repair

Ø 2.5		54		081475
Ø 3.2		28		081468

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

308L



Position

 Polarity (+)
Mechanic
 Re : 380 MPa
 Rm : 600 MPa
 A 5 d : 38%
 FV : -20°C 60j

Ø 2.5		10		082328

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

316L



Position

 Polarity (+)
Mechanic
 Re : 350 MPa
 Rm : 490 MPa
 A 5 d : 30%
 FV : -20°C 60j

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		555 (20 kg)		081963

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

FONTE - Cast Iron- Gusselektroden - Hierro Colado - Gietijzer - 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 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

					kg
Ø 3.2		450	141	081529	6.6
Ø 4.0		450	90	081512	6.8



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

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%
 FV : -20°C 20j

Ø 3.2		5		084803
Ø 3.2		147		081949

ÉTUVE ÉLECTRODES - Electrode oven - Elektrodenofen


Capacité - Capacity
 - Kapazität - Capacidad :
 5 kg
 max 150°C
 060272

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


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

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

HELIX

	HELIX 200.25	HELIX 400.70	HELIX PRO 400.70	HELIX PRO 500.95
A	200 A	400 A	400 A	500 A
max	25 mm²	70 mm²	70 mm²	95 mm²
A (X%)	200A (35%) 150A (60%)	400A (35%) 300A (60%)	400A (35%) 300A (60%)	500A (35%) 400A (60%)
max	3.2 mm	6.3 mm	6.3 mm	8 mm
x1 (vrac)	043497	043732	039919	039902

SHARK

	SHARK 200.35	SHARK PRO 300.35	SHARK 300.50	SHARK 400.95	SHARK 500.95	SHARK 600.120
A	200 A	300 A	300 A	400 A	500 A	600 A
max	35 mm²	35 mm²	50 mm²	95 mm²	95 mm²	120 mm²
A (X%)	200A (35%) 150A (60%)	300A (35%) 250A (60%)	300A (35%) 250A (60%)	400A (35%) 300A (60%)	500A (35%) 400A (60%)	600A (35%) 500A (60%)
max	4 mm	4 mm	5 mm	6.3 mm	8 mm	10 mm
x1 (vrac)	043503	039926	043510	043725	043718	046542
x1 (blister*)	043602		043701			
	x50 043558		x25 043565			

PORTE-ÉLECTRODES ASSEMBLÉS - Electrode holder kits - Werksmontiert Elektrodenhalter

A						
	L m					
	mm ²					
	mm ²		ref.			
150/200	SHARK 200.35	4	16	10/25	x1	043848
200	SHARK 200.35	4	25	35/50	x1	043855
300	SHARK 300.50	4	35	35/50	x1	043862
500	SHARK 500.95	4	50	35/50	x1	043879
600	SHARK 600.120	5	70	35/50	x1	047006

PINCES DE MASSE - Earth clamps - Masseklemmen - Pinzas de masa - Massaklem - Pinças de massa

CROCO

	CROCO 200.35	CROCO 300.70	CROCO 400.70	CROCO 600.95
A	200 A	300 A	400 A	600 A
max	35 mm²	70 mm²	70 mm²	95 mm²
A (X%)	200A (35%) 150A (60%)	300A (35%) 250A (60%)	400A (35%) 300A (60%)	600A (35%) 400A (60%)
x1 (vrac)	043114	043138	043213	046559
x1 (blister*)	043107		043206	
(x25)	043121	043145	043152	

TYREX

	TYREX 400.70	TYREX XL 400.70	TYREX 600.95	TYREX+ 800.120
A	400 A	400 A	600 A	800 A
max	70 mm²	70 mm²	95 mm²	120 mm²
A (X%)	400A (35%) 300A (60%)	400A (35%) 300A (60%)	600A (35%) 500A (60%)	800A (35%) 700A (60%)
x1 (vrac)	043176	048997	043220	046573
	(x25) 043183		(x10) 043169	

MAGNET

	SQUARE MAGNET 500.70	ROUND MAGNET 500.70	ROUND MAGNET 600.95
	500 A	500 A	600 A
	70 mm²	70 mm²	95 mm²
	500A (35%) 400A (60%)	500A (35%) 400A (60%)	600A (35%) 500A (60%)
	048980	048973	047105

PINCES DE MASSE ASSEMBLÉES - Earth clamp kits - Werksmontiert Masseklemmen

	A		L m			Ref.
	150/200 A	CROCO 200.35	2	16	10/25	x1 043770
	250 A	CROCO 400.70	3	25	10/25	x1 043787
	250 A	CROCO 400.70	4	25	35/50	x1 043794
	300 A	TYREX 400.70	4	25	35/50	x1 043800
	400 A	CROCO 400.70	4	35	35/50	x1 043817
	400 A	TYREX 400.70	4	50	35/50	x1 043824
	600 A	TYREX 600.95	4	70	35/50	x1 043831
	800 A	TYREX+ 800.120	4	95	35/50	x1 047013

KIT POUR POSTES MMA (CÂBLES + PINCES + CONNECTEURS) - « MMA kits » (Electrode holder + earth clamp + cable/connectors)
- Kit MMA (cables + pinzas + conectadores) - Zubehörkit (Kabel + Klemme + Stecker)

		A					Ref.	
		L m	model	L m	model	mm ²	mm ²	
kit 1	150/200 A	1.6	SHARK 200.35	2	CROCO 200.35	16	10/25	x1 047372
kit 2	200 A	1.6	SHARK 200.35	2	CROCO 200.35	25	10/25	x1 047389
kit 3	200 A	3	SHARK 300.50	3	CROCO 400.70	25	10/25	x1 047396
kit 4	200 A	3	SHARK 300.50	3	CROCO 400.70	25	35/50	x1 047402
kit 5	300 A	4	other	4	CROCO 400.70	35	35/50	x1 047341
kit 6	500 A	5	SHARK 500.95	4	TYREX 600.95	50	35/50	x1 047419
kit 7	600 A	5	SHARK 600.120	4	TYREX 600.95	70	35/50	x1 047426

CÂBLE - Cable - Kabel



Welding Cable - Schweißkabel
EN 60246-5
H01N2-D
(Caoutchouc - Rubber)

⊗	↔ L	Ref.
16 mm ²	✂ x m	046207
	100 m	046252
25 mm ²	✂ x m	046306
	5 m	045408
35 mm ²	✂ x m	046405
	100 m	046702
50 mm ²	✂ x m	046757
	100 m	046801
70 mm ²	✂ x m	046832
95 mm ²	✂ x m	046863

High Flexibility Electrical Cable

⊗	↔ L	Ref.
10 mm ²	100 m	054882
		054875
16 mm ²	100 m	054905
		054899
25 mm ²	100 m	054929
		054912
35 mm ²	100 m	054943
		054936
50 mm ²	100 m	054967
		054950

COSSES - Cable lugs - Kabelschuhe - Terminal - Kabelschuhe - Terminal

⊗ max	⌀	⊗	Ref.	
10 mm ²	M5	x100	047501	
	16 mm ²	M5	x100	047518
25 mm ²	M5	x100	047525	
	35 mm ²	M6	x100	047532
	50 mm ²	M10	x100	047549
70 mm ²	M10	x100	047556	
	95 mm ²	M10	x50	047570

DOUILLES TEXAS - Dinze plugs - Anschlussbuchse



	I A max	⊗ mm	⊗ mm ²	⌀ mm	⌀	Compatibility	⊗	Ref.
DF 25.14	200	32	10/25	14	M8	CM25.14	x20	045644
DF 70.21	400	49	35/70	21	M10	CM 50.21, CM 70.21	x10	045637
DF 95.24	500	38	70/95	24	M12	CM 95.24	x5	045743

CONNECTEURS TEXAS - Connectors-Stecker - Conectores - Schakelears - Conectores



	I A max	⊗ mm ²	⌀ mm	Compatibility	⊗	Ref.
CFM 25.14	200	10/25	14	TX 25.14	x1	045507
CFM 50.21	315	35/50	21	TX 70.21	x1	045606
CFM 70.21	400	50/70	21	TX 70.21	x1	047488
CM 25.14	200	10/25	14	TX 25.14 CF 25.14	x20	045668
CM 50.21	315	35/50	21	TX 70.21 CF 50.21	x10	045613
CM 70.21	400	50/70	21	TX 70.21 CF 70.21	x5	045750
CM 95.24	500	70/95	24	TX 95.24	x5	047495
CF 25.14	200	10/25	14	CM 25.14	x30	045651
CF 50.21	315	35/50	21	CM 50.21	x10	045620
CF 70.24	400	50/70	24	CM 70.21	x5	045736

GUIDE CÂBLE DE SOUDAGE
- Welding cable hitch
- Schweißkabelführung



MARTEAUX À PIQUER - Chipping Hammers - Hammer - Martillos



HAMMER 260 260 mm / 240 g (x1) 044159	HAMMER 285 285 mm / 425 g (x1) 044128	HAMMER 290 PRO Premium 290 mm / 465 g (x1) 044135	HAMMER 320 PRO Premium 320 mm / 425 g (x1) 044142
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BROSSES - Wire brushes - Bürsten - Broses - Cepillos



	⊗	⊗	Acier - Steel - Stahl - Acero - Staal - Aço	Inox - Stainless - Edelstahl
A	4	—	(x1) 044241 (x24) 044265	(x1) 044258 (x24) 044272
B	3	—	(x1) 044227	(x1) 044289
C	2	●	(x1) 044166	—

POSITIONNEURS MAGNÉTIQUES - Welding magnets - Imán especial para soldadura - Magnetische Positionierer

NEW
06/2016



	MAGNETIC P15.90	MAGNETIC P16.90	MAGNETIC P19.90	MAGNETIC P20.180	MAGNETIC D36.90	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	36 kg	50 kg	50 kg	70 kg	70 kg	70 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
Ref.	047044	044180	044203	044302	044197	047051	047075	047068	047082	047099

GOUGEAGE - Gouging - Fugenhobeln

for Exagon 400 CC/CV, Magys 500 GR & 500WS



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

Adaptateur gougeage
- Gouging clamp adaptor
95 mm² - 5 m
040670

Électrodes de gougeage - Gouging - Electrodes
- Kohleelektroden - Electrodes de carbono
⌀ 6.4 mm (x50) 086081
⌀ 8 mm (x50) 086098

OPTION TIG LIFT - TIG torch with valve - Option WIG-Lift

TIG TORCH KIT SR17V
(valve), 4m

GYSMI 130P/160P/200P/
E160/E200FV
PROGYS 180A/200A PFC
044425

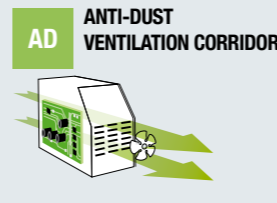
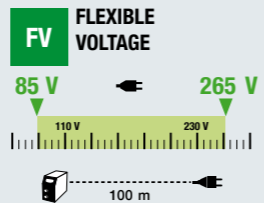
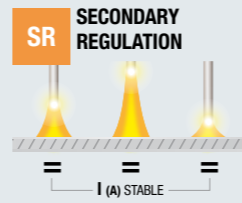
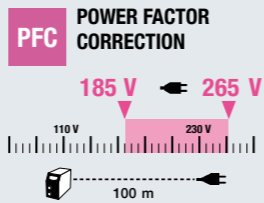
PROGYS 200E FV
CEL/250TRI/CEL 250TRI/
FLEX 250CEL
044401



TIG DC



PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK DESIGN



21
1 & 3 ~ • TIG DC HF

Adjustable Downslope
Automatic Postgas



Power Supply for Orbital TIG
200 A 1 ~



35/50 mm²

WCU 1kW B
1000 W cooling unit (3)
9 kg
liquid not included
032217

P400 L/DB

TIG 160 DC - LIFT

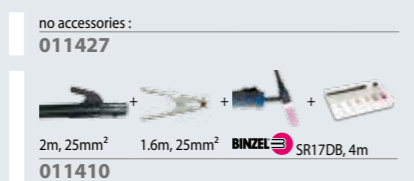
160 A



P400 PULSE AID L/DB

TIG 168 DC HF

160 A



P400 PULSE AID PFC FV SR L/DB/P

TIG 200 DC HF FV

200 A 1 ~



CEL cellulose electrode PULSE AID SR AD L/DB/P

TIG 300 DC HF

300 A 3 ~

MMA PULSE

IP 23 INDOOR /OUTDOOR

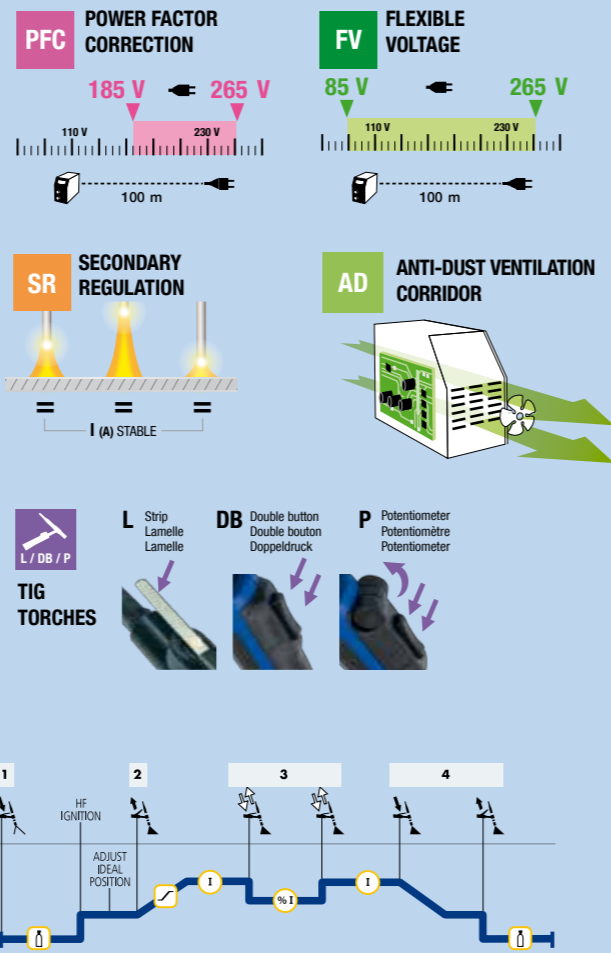


MADE IN FRANCE EN60974-1	50 / 60 Hz	I ₂ TIG	I ₂ MMA	INTEGRATED TECHNOLOGY							TIG EN60974-1 (40°C)		MMA EN60974-1 (40°C)		U _o	mm ²	cm	kg	Protected & compatible power generator (+/-15%)		
				P400	PULSE	AID	PFC	FV	SR	CEL	IA (60%)	X% (12 max)	IA (60%)	X% (12 max)							
TIG 160 DC Lift	230V 1~	16	20 → 160	20 → 160	■	—	—	—	—	—	—	95	22	80	17	72	10/25	29 x 21 x 14	5	6 kW	7.5 kVA
TIG 168 DC HF	230V 1~	16	10 → 160	10 → 160	■	0.2 → 20 Hz	■	—	—	—	—	100	21	80	15	82	35/50	37 x 30 x 14	9	6 kW	7.5 kVA
TIG 200 DC HF FV	110V 1~	32	5 → 180	10 → 120	■	0.2 → 20 Hz	■	■	■	■	—	115	26	90	30	76	35/50	42 x 31 x 15	12	7 kW	
	230V 1~	13	5 → 200	10 → 200	■	—	—	—	—	—	—	140	30	125	20						
TIG 300 DC HF	400V 3~	16	5 → 300	10 → 250	—	0.1 → 900 Hz	■	—	—	■	■	255	35	220	30	90	35/50	40 x 52 x 25	20	10 kW	12.5 kVA

TIG AC/DC



MADE IN FRANCE
PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK & DESIGN



OPTIONS



WELD 610	10m³-XL/TM1	10m³-XL/TM2	Diabie 4m³	Diabie 10m³
574 x 618 x 386 mm 040281	666 x 1032 x 484 mm 041257	912 x 910 x 507 mm 039711	500 x 1060 x 450 mm 015678	550 x 1115 x 525 mm 039704
✓ 160 DC LIFT	✓ 160 DC LIFT	—160 DC LIFT—	✓ 160 DC LIFT	✓ 160 DC LIFT
✓ 168 DC	✓ 168 DC	—168 DC—	✓ 168 DC	✓ 168 DC
✓ 200 DC	✓ 200 DC	—200 DC—	✓ 200 DC	✓ 200 DC
✓ 300 DC	✓ 300 DC	—300 DC—	✓ 300 DC	✓ 300 DC
✓ 207 AC/DC	✓ 207 AC/DC	✓ 207 AC/DC	✓ 207 AC/DC	✓ 207 AC/DC
✓ 208 AC/DC	✓ 208 AC/DC	✓ 208 AC/DC	—208 AC/DC—	✓ 208 AC/DC
—220 AC/DC—	—220 AC/DC—	✓ 220 AC/DC	—220 AC/DC—	✓ 220 AC/DC



P400 PULSE PFC FV SR AD L/DB/P
TIG 207 AC / DC-HF FV
5 ▲ 200 A

no accessories:
011625

2m, 25mm² 2m, 25mm² BINZEL SR26DB, 4m
011618

liquid cooling P400 PULSE PFC SR AD L/DB/P
TIG 208 AC / DC-HF
5 ▲ 200 A

no accessories:
011823

2m, 25mm² 2m, 25mm² BINZEL SR208B, 4m
011816

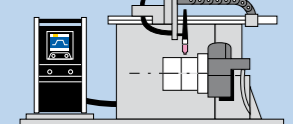
MADE IN FRANCE EN60974-1	I ₂ TIG	INTEGRATED TECHNOLOGY							TIG				MMA		Freq. AC	U _o	mm ²	cm	kg	Protected & compatible power generator (+/-15%)	
		P400	PULSE	PFC	FV	SR	AD	X% GYS (20°C)	EN60974-1 (40°C)	EN60974-1 (40°C)	EN60974-1 (40°C)	Hz	U _o								
TIG 207 AC / DC-HF FV	110V 1~ 20	AC 10 → 160	DC 5 → 160	■	0.2 → 20 Hz (DC) 0.2 → 2 Hz (AC)	■	■	■	■	■	for normal use AC/DC 47% @ 160 A	IA (60%) AC/DC 90	X% (I ₂ max) AC/DC 20	90	30	20 → 200	70	35 / 50	36 x 39 x 20	19	6 kW
	230V 1~ 13	AC 10 → 200	DC 5 → 160	■	■	■	■	■	■	■	AC 32% @ 200 A	AC/DC 95	AC 13 DC 21	95	21						
TIG 208 AC / DC-HF	230V 1~ 16	AC 10 → 200	DC 5 → 160	■	0.2 → 20 Hz (DC) 0.2 → 2 Hz (AC)	■	—	■	■	■	DC 47% @ 160 A	AC/DC 95	AC 13 DC 21	95	21	70	35 / 50	49 x 42 x 20	26	6 kW	

FONCTION	FUNCTION	BE	AC	MMA
Amorçage HF	HF Start	X	X	
Amorçage LIFT	LIFT Start	X	X	
Pré Gaz	Pre Gas	X	X	
Courant Initial	Start Current	X	X	
Temps Initial	Start Time	X	X	
Courant de montée	Up Slope	X	X	
Courant de soudage	Welding Current	X	X	
Courant Froid (Torche 2P, 4TLOG)	Second Welding Current	X	X	
Courant Froid PULSE	Second Welding Pulse Current	X	X	
Balance PULSE	Pulse Balance	X	X	
Fréquence PULSE	Pulse Frequency	X	X	
Évanouissement du courant	Down Slope	X	X	
Courant final	Final Current	X	X	
Temps final	Final Time	X	X	
Post Gaz	Post Gas	X	X	
Balance AC	AC Balance	X	X	
Fréquence AC	AC Frequency	X	X	
Forme d'onde (Carre/Sinus/Triangle/Trapeze)				X
Ø électrode	Electrode Ø	X	X	
Temps de pointage	Spot delay	X	X	
Temps de pulse	Pulse time	X		
Temps de pointage	Spot delay	X		
Courant Froid PULSE	Second Welding Pulse Current	X	X	
Balance PULSE	Pulse Balance	X	X	
Fréquence PULSE	Pulse Frequency	X	X	
Temps AC	AC time	X		
Temps DC	DC time	X		
Matière	Material	X	X	
Épaisseur	Thickness	X	X	
Type d'assemblage	Assembly type	X	X	
HotStart	HotStart			X
Temps HotStart	HotStart time			X
ArcForce	ArcForce			X
Inversion de Polarité	Polarity inversion			X
AC	AC			X

X = TIG 220 AC/DC only

SPECIAL

TIG CONNECT 5
for Automate (5 programs)
TIG 220
& 250 AC/DC

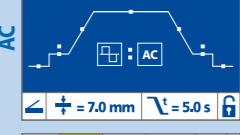


ERGONOMIC & EASY

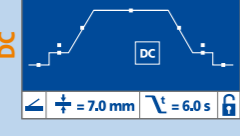
Large 5 inch LCD colour screen

TIG SYNERGIC

TIG SYN Ø4.0 AlMg

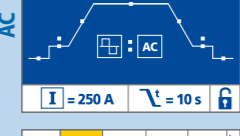


TIG SYN Ø4.0 Fe

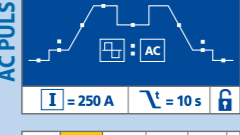


TIG MANUAL

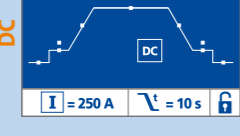
TIG AC Ø4.0 STD 2T



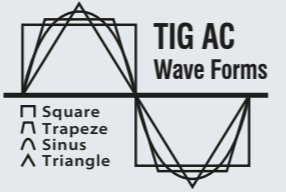
TIG AC Ø4.0 PLS 2T



TIG DC Ø4.0 STD 2T



TIG AC/DC

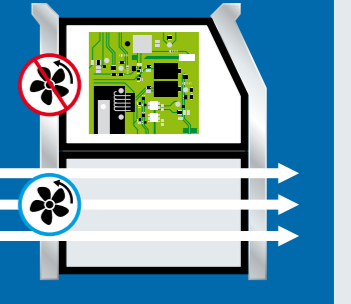


WCU 1kW A 1000W cooling unit (3l) 8.6 kg liquid not included 039773

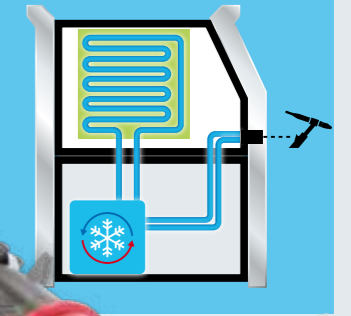


*** UNIQUE TECHNOLOGY ***

100% DUST PROOF
100% SANS POUSSIÈRE
100% STAUBFREI

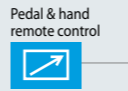


LIQUID COOLED ELECTRONICS
REFROIDISSEMENT LIQUIDE DE L'ÉLECTRONIQUE
FLÜSSIGKEITSGEKÜHLTE ELEKTRONIK



TROPHÉES de L'INNOVATION
Coup de cœur en partenariat avec ARKEA
GYS INDUSTRIE Fan Less LYON2013

cooling unit (5l) liquide non fourni / liquid not supplied



liquid cooling PULSE AID SR AD L/DB/P

TIG 250 AC/DC-HF
5 250 A 3 ~

250A 60% TIG

no accessories: 012004

OPTIONS

10m³-XL/TM2
± 912 x 910 x 507 mm
max 10m³(50 l) 039711



Diabolo 10m³
± 550 x 1115 x 525 mm
max 10m³(50 l) 039704



OPTIONS



P400 PULSE AID PFC FV SR AD L/DB/P

TIG 220 AC/DC-HF FV

5 220 A 1 ~

no accessories: 011908

MADE IN FRANCE	I ₂ TIG	INTEGRATED TECHNOLOGY										TIG		MMA		Freq. AC	Hz	U _o	mm ²	cm	kg	Protected & compatible power generator (+/-15%)
		P400	PULSE	AID	PFC	FV	SR	AD	FAN LESS	EN60974-1(40°C)	EN60974-1(40°C)	IA (60%)	X% (I2 max)	IA (60%)	X% (I2 max)							
TIG 220 AC/DC-HF FV	50/60 Hz	A	A										AC/DC 140	AC/DC 100	140	75	20→200	75	35/50	52x40x25	20	7 kW
	110V 1~ 230V 1~	32 16	AC 10→140 DC 5→140	AC 10→220 DC 5→220	0.1→2500 Hz (DC) 0.1→2 Hz (AC)							AC 185 DC 175	AC 45 DC 35	160	25							
TIG 250 AC/DC-HF	400V 3~	16	AC 10→250 DC 5→250		0.1→2500 Hz (DC) 0.1→2 Hz (AC)							AC/DC 250	AC/DC 60	230	40	20→200	85	35/50	64x67x34	46	10 kW 12.5 kVA	

168 DC

TIG 168 DC-HF

Diable 4m³
 ↳ 500 x 1060 x 450 mm, max 4 m³

SR9 L, 8 m
 4 m, 25 mm²

SR17 DB, 4 m
 2 m, 25 mm²

pack TIG 168 DC L 011953

pack TIG 168 DC DB 011960

200 DC

TIG 200 DC-HF

SR17 L, 8 m
 4 m, 25 mm²

SR17 DB, 4 m
 2 m, 25 mm²

Diable 4m³
 ↳ 500 x 1060 x 450 mm, max 4 m³

10m³-XL/TM1
 ↳ 666 x 1032 x 484 mm, max 10 m³

Diable 4m³
 ↳ 500 x 1060 x 450 mm, max 4 m³

pack TIG 200 DC L1 011977

pack TIG 200 DC L2 011984

pack TIG 200 DC DB 011991

207 AC/DC

TIG 207 AC/DC-HF

SR26 DB, 4 m
 2 m, 25 mm²

Diable 4m³
 ↳ 500 x 1060 x 450 mm, max 4 m³

pack TIG 207 AC/DC DB 012059

220 AC/DC (Air Cooled)

TIG 220 AC/DC-HF
 4 m, 25 mm²

SR26 L, 8 m

SR26 DB, 8 m

10m³-XL/TM2
 ↳ 912 x 910 x 507 mm, max 10 m³

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

10m³-XL/TM2
 ↳ 912 x 910 x 507 mm, max 10 m³

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

pack TIG 220 AC/DC AL1 012073

pack TIG 220 AC/DC AL2 012080

pack TIG 220 AC/DC AL3 012097

pack TIG 220 AC/DC ADB1 035751

pack TIG 220 AC/DC ADB2 012103

pack TIG 220 AC/DC ADB3 012127

250 AC/DC

TIG 250 AC/DC-HF

SR18 L, 8 m

SR18 DB, 8 m

pack TIG 250 AC/DC L 035430

pack TIG 250 AC/DC DB 012301

Chariots/Trolley max 10 m³

300 DC (Air Cooled)

TIG 300 DC-HF
 4 m, 25 mm²

SR26 L, 8 m

SR26 DB, 8 m

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

pack TIG 300 DC AL1 012325

pack TIG 300 DC AL2 012332

pack TIG 300 DC ADB1 012349

pack TIG 300 DC ADB2 012356

300 DC (Water Cooled)

TIG 300 DC-HF
 4 m, 25 mm²

WCU 1kW B 1000W cooling unit 3l, liquid not included -25°C / -13°F

SR20 L, 8 m

SR20 DB, 8 m

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

pack TIG 300 DC WL 012363

pack TIG 300 DC WDB 012370

208 AC/DC

TIG 208 AC/DC-HF

SR20 DB, 4 m

10m³-XL/TM1
 ↳ 666 x 1032 x 484 mm, max 10 m³

2 m, 25 mm²

pack TIG 208 AC/DC DB 012066

220 AC/DC (Water Cooled)

TIG 220 AC/DC-HF
 4 m, 25 mm²

WCU 1kW A 1000W cooling unit 3l, liquid not included -25°C / -13°F

SR20 L, 8 m

SR20 DB, 8 m

10m³-XL/TM2
 ↳ 912 x 910 x 507 mm, max 10 m³

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

10m³-XL/TM2
 ↳ 912 x 910 x 507 mm, max 10 m³

Diable 10m³
 ↳ 550 x 1115 x 525 mm, max 10 m³

pack TIG 220 AC/DC WL1 012134

pack TIG 220 AC/DC WL2 012141

pack TIG 220 AC/DC WL3 012271

pack TIG 220 AC/DC WDB1 035768

pack TIG 220 AC/DC WDB2 012288

pack TIG 220 AC/DC WDB3 012295

COOLING LIQUID (not included)



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



0.33 kg (L=330 mm)

Acier - Steel - Stahl (SG2)	Ø	L	Code
Normes - Norms - Normen - Norma AWS A 5.18 : ER70S-6 EN ISO 636A : W46 4 W3S11	1.6	60	087224
	2.0	40	087231
Inox - Stainless - Edelstahl (308L)	1.6	60	087248
Normes - Norms - Normen - Norma AWS A 5.9 : ER 308L EN ISO 14343A : W199L	2.0	40	087255
Inox - Stainless - Edelstahl (316L)	1.6	60	087262
Normes - Norms - Normen - Norma AWS A 5.9 : ER 316L EN ISO 14343A : W19 12 3L	2.0	40	087279

ÉLECTRODES TUNGSTÈNE - Tungsten electrodes - Wolfram Elektroden

UNIVERSAL			
Gold	Lila	Blue	Green
LANTHANEWL15 (AC/DC), 1.5% Acier / Inox / Alu			
Ø 1.6	x10	045330	
Ø 2.0	x10	045347	
Ø 2.4	x10	045354	
Ø 3.2	x10	045361	
ACIER	INOX	ALU	~
+++	+++	++	+++
BEST E3* (AC/DC) Acier / Inox / Alu			
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	
ACIER	INOX	ALU	~
++++	++++	+++	++++

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

with accessories: 045415

INCLUDED

- Adaptateurs électrode - Electrode adapter - Spannzange Ø 1.6 - Ø 2.4 - Ø 3.2 mm
- Filtre poussière - Dust filter - Filterkassette 045422
- Disque diamanté Ø 40 / Diamond blade cutting disc Ø 40 / Diamantschleifscheibe Ø 40 045439

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)

Adaptateurs électrode - Electrode adapter - Spannzange

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

Ø 1 045446
Ø 2 045453
Ø 4 045460

BEST FROM GERMANY

COMMANDES DÉPORTÉES - Remote control - Fernregelung

Remote control pedal
4 m - 3 kg
045682

Hand remote control
8 m - 1 kg
045675

Connector 7 pt
045699

Connector 14 pt
047686

TORCH CONNECTIONS - Connexions torche

Connecteur Din mâle 5 pts
x1
045729

Connecteur Amphénol
7 pts
x1
046238

Torch gas connection
Ø 5 mm
x2
045705

TORCHES - Torches - Brenner - Antorcha - Lastoort - Tocha

BINZEL

GRIP CONFORT

TORCHE COMPLÈTE
- Complete torch - Brenner

Cooling System: AIR

360°

Choose your torch

	SR 9	SR 17	SR 26	SR 20	SR 18	
TIG 160 DC	L	DB				DIN
TIG 168 DC		DB	DB			DIN
TIG 200 DC FV		L	DB	P		DIN
TIG 250 DC		L	DB	P		DIN
TIG 207 AC / DC FV		L	DB	P		DIN
TIG 208 AC / DC		L	DB	P	P	DIN
TIG 220 AC / DC		L	DB		L	AMPHENOL
TIG 250 AC / DC		L	DB		L	AMPHENOL

■ = original equipment

		SR 9		SR 17		SR 26			SR 20			SR 18		
		L	DB	V	L	DB	L	DB	P	L	DB	P	L	DB
GRIP			GRIP			GRIP		GRIP	GRIP		GRIP	GRIP		GRIP
X% DC		110 A (35%)		140 A (35%)			180 A (35%)			220 A (100%)			320 A (100%)	
X% AC		80 A (35%)		100 A (35%)			130 A (35%)			150 A (100%)			230 A (100%)	
Cooling System		AIR		AIR		AIR			LIQUID			LIQUID		
Cooling System	10/25 (DIN)	4m	044432		044425		046009							
		8m	044333											
	35/50 (DIN)	4m			044401	044449	046030	044463	046054	046115		046061		
		8m	044326	046016		044340	046047		046078	046122	044357	046023	046139	
	35/50 (AMPHENOL)	4m			044401									046085
		8m						046184	046177		046153	046146		045378
EURO connector		4m					046108							

STANDARD

V

Á valve
- With valve
- Mit Drehventil
- Con valvula
- Com valvula

L

Gâchette à lamelle
- With trigger
- Mit Brenner Ein Aus-Taster
- Con pulsador
- Com segurança

DB

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

P

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

		SR 9	SR 17 & SR 26	SR 20	SR 18		
N4 Ø 6.5		*(x3)	044876	*(x3)	044876		
N5 Ø 8.0			*(x3)	045026	*(x3)	045026	
N6 Ø 9.5		*(x3)	044883	*(x3)	044883		
N7 Ø 11			*(x3)	045033	*(x3)	045033	
N8 Ø 12.5			*(x3)	045286	*(x3)	045286	
N10 Ø 16			*(x3)	045293	*(x3)	045293	
N12 Ø 19			*(x3)	045309	*(x3)	045309	
Support collet - Collet body	Ø 1.6	*(x3)	044838	*(x3)	044838	*(x3)	044968
	Ø 2.0	*(x3)	045149	*(x3)	045149		
Support collet - Collet body	Ø 2.0 / 2.4		*(x3)	044975		*(x3)	044975
	Ø 2.4	*(x3)	044845	*(x3)	044845		
Support collet - Collet body	Ø 3.2		*(x3)	045118	*(x3)	045118	
	Ø 4		*(x3)	047648	*(x3)	047648	
Bague d'étanchéité - Insulating ring adaptor		(x1)	044890	*(x1)	045040	*(x1)	045040
Pince étou - Collet	Ø 1.6	*(x3)	044852	*(x3)	044982	*(x3)	044982
	Ø 2.0	*(x3)	045132	*(x3)	044999	*(x3)	044999
Pince étou - Collet	Ø 2.4	*(x3)	044869	*(x3)	045019	*(x3)	045019
	Ø 3.2		*(x3)	045125	*(x3)	045125	
Coiffe - Back cap	Longue - Long	(x1)	044821	*(x1)	044951	*(x1)	044951
	Courte - Short	(x1)	044814	*(x1)	044944	*(x1)	044944
Coffrets - Boxes - Kästen - Cajas - Kistjes - Estojos		DC 044654 (Tungsten electrode WR2 Ø 1.6 included)		AC / DC 044678 (Tungsten electrode WR2 Ø 1.6 & Ø 2.4 included)		AC / DC 044685 (Tungsten electrode WR2 Ø 1.6 & Ø 2.4 included)	AC / DC 044678 (Tungsten electrode WR2 Ø 1.6 & Ø 2.4 included)

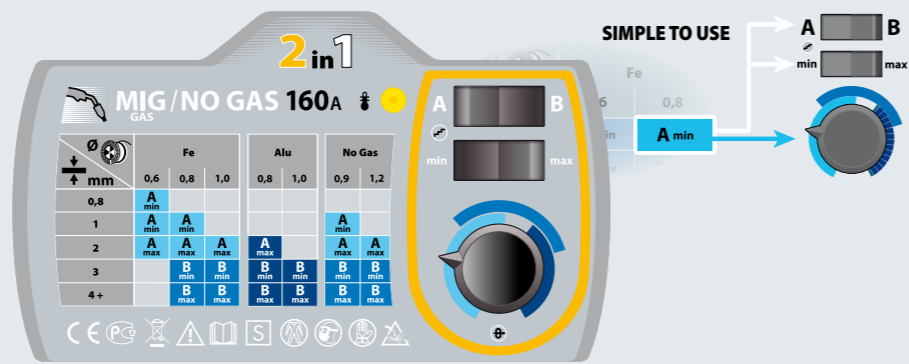
SUPPORT TORCHE TIG MAGNÉTIQUE
- TIG torch stand with magnetic base

045002

TIG ACCESSORIES & CONSUMABLES

MIG/MAG

SMARTMIG



MIG/MAG • SMARTMIG

230V • 1~

400V • 3~

Model	Current (A)	Input	Options	Accessories
SMARTMIG 110	40 ▲ 110A	Ø 100	NO GAS	033993 (2.2m + 2.8m)
SMARTMIG 142	40 ▲ 140A	Ø 100/200	GAS NO GAS	033153 (2.2m + 3.6m)
SMARTMIG 152	40 ▲ 140A	Ø 100/200	GAS NO GAS	032859 (2.2m + 3.6m)
SMARTMIG 162	30 ▲ 160A	Ø 100/200	GAS NO GAS	033160 (2.2m + 4.5m)
SMARTMIG 3P	35 ▲ 170A	Ø 100/200	MMA GAS NO GAS	033177 (2.2m + 4.5m)
SMARTMIG 182	35 ▲ 180A	Ø 200/300	GAS NO GAS	033184 (3m, 16mm²)
SMARTMIG 183	30 ▲ 180A	Ø 200/300	GAS NO GAS	033412 (3m, 16mm²)

INFO - NO GAS

Fil fourré / Flux cored wire / Fülldrahtelektrode

Flux / Flow / Pulverfüllung

Enveloppe métallique / Metallic wrap / Metallischer Aussenmantel

A Inverser les polarités / Reverse polarities / Polarität wechseln

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

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

D Supprimer la buse / Remove the nozzle / Gasdüse abziehen

OU / OR / ODER

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

150A Ref. 041868

Model	Input	Current (A)	Voltage	Wire			Torch			EN60974-1 (40°C)		Electronic Control	Reg	Equipment d'origine		cm/kg	kg	Protected & compatible power generator (+/-15%)
				GAS	NO GAS	MMA	Ø mm	min-max	IA (60%)	X% (I2 max)	Uo (V)			Original equipment	Equipamiento de fabrica			
SMARTMIG 110	230V 1~	13	—	—	0.9	—	—	—	40+110	—	85A @ 6%	25.5+30	2	0.9	0.9	37 x 36 x 16.5	14	3 kVA
SMARTMIG 142	230V 1~	13	—	0.6+0.8	0.9	—	—	—	40+140	60	90A @ 20%	28+39	4	0.6/0.8	0.8	42 x 38 x 24	21	3.5 kVA
SMARTMIG 152	230V 1~	13	—	0.6+0.8	0.9	—	—	—	40+140	60	90A @ 20%	28+39	4	0.6/0.8	0.8	42 x 38 x 24	22	3.5 kVA
SMARTMIG 162	230V 1~	16	—	0.6+1.0	0.9+1.2	—	—	—	30+160	70	115A @ 20%	25.5+40	4	0.6/0.8	0.8	54 x 45 x 33	25	4.5 kVA
SMARTMIG 3P	230V 1~	16	—	0.6+1.0	0.9+1.2	2+3.2	—	—	MIG 35+170 MMA 20+120	70 40	110A @ 25% 115A @ 15%	35+45 65	4	0.6/0.8	0.8	56 x 46 x 35	35	MIG 5.5 kVA MMA 6 kVA
SMARTMIG 182	230V 1~	16	—	0.6+1.0	0.9+1.2	—	—	—	35+180	80	140A @ 15%	28+45	4	0.6/0.8	0.8	80 x 70 x 39	46	6 kVA
SMARTMIG 183	400V 3~	10	—	0.6+1.0	0.9+1.2	—	—	—	30+180	90	140A @ 15%	17+28.5	4	0.6/0.8	0.8	80 x 70 x 39	51	4.2 kVA

MIG/MAG

INVERTER • EASYMIG

3
in 1

GAS
NO GAS
MMA

INVERTER **1 kg**

EASY TO USE



Example/Exemple EASYMIG 140

PROFESSIONAL MOTOR INSIDE

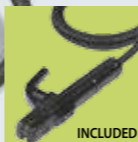


EasyMig 130 : 10W
EasyMig 140/150 : 20W

NEW
06/2016

NEW
06/2016

NEW
09/2016



3
in 1

GAS
NO GAS
MMA

INVERTER **5 kg**

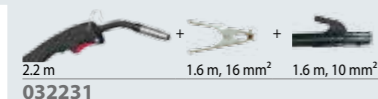


EASYMIG 130

130A



MMA GAS NO GAS

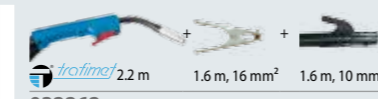


EASYMIG 140

140A



MMA GAS NO GAS

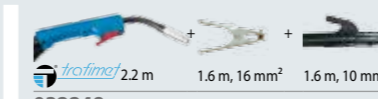


EASYMIG 150

140A



MMA GAS NO GAS



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

041240

CE NORM. EN60974-1	MADE GYS CHINA IN P.R.C.	INTEGRATED TECHNOLOGY	I ₂		Ø mm		Electronic Control	Ø mm		MIG		MMA		U ₀ (V)	Equipment d'origine Original equipment Equipamiento de fabrica	cm	kg	Protected & compatible power generator (+/-15%)	
			MMA	MIG	GAS	NO GAS		IA (60%)	X% (I ₂ max)	IA (60%)	X% (I ₂ max)								
50/60 Hz	A	Antisticking	A	A	100	200	⊕	0.6+0.8	0.9	70	120 A @ 20%	60	100 A @ 20%	62	0.6/0.8	0.8	38 x 16 x 35	8.6	8 kVA
EASYMIG 130	230V 1~	16	■	20+100	30+120	■	⊕	0.6+0.8	0.9	80	140 A @ 15%	70	120 A @ 15%	62	0.6/0.8	0.8	38 x 16 x 35	7.8	8 kVA
EASYMIG 140	230V 1~	16	■	20+120	30+140	■	⊕	0.6+0.8	0.9	80	140 A @ 15%	70	120 A @ 15%	62	0.6/0.8	0.8	40 x 21 x 33	9.6	8 kVA
EASYMIG 150	230V 1~	16	■	20+120	30+140	■	⊕	0.6+0.8	0.9	80	140 A @ 15%	70	120 A @ 15%	62	0.6/0.8	0.8	40 x 21 x 33	9.6	8 kVA

MIG/MAG

INVERTER • PEARL



1 MIG / MANUAL
Enter your parameters

Adjust Spot & Delay

2 MMA

HotStart ArcForce

3 TIG lift

Post Gas Downslope

MIG / SYNERGIC
Easy to use

Select:

- material
- Ø wire
- position
- thickness

Adjust arc length

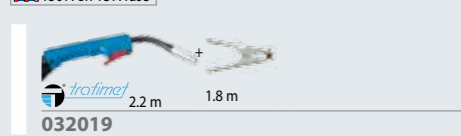
3 in 1



230V • 1~

PEARL 150-2

20 **150 A**



110 → 230V • 1~

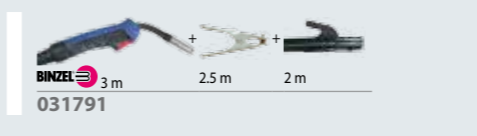
Multi PEARL 200-2

20 **200 A**



Multi PEARL 200-4 XL

20 **200 A**

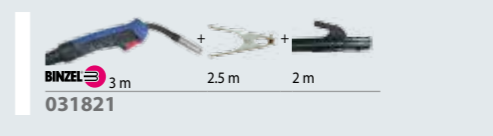


SYNERGIC • EASY TO USE



Multi PEARL 201-4

20 **200 A**



PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE

SR SECONDARY REGULATION

OPTIONS

TIG TORCH KIT SR17V (valve)
4 m 10/25 mm² 044425

WELD 610
574 x 618 x 386 mm 040281

KIT SOUDAGE NO GAZ Ø 0.9
- No Gas Welding Kit Ø 0.9 041240

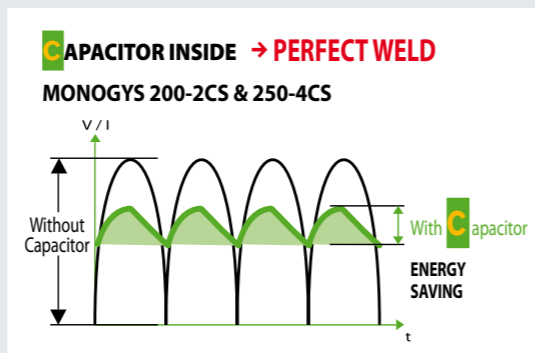
EURO **TIG TORCH KIT SR17 DB**
4 m 046108

Country	Frequency	Phases	INTEGRATED TECHNOLOGY			I ₂ MMA (A)	I ₂ TIG (A)	min+max (A)	Welding Symbols	MIG		EN60974-1 (40°C)		U ₀ (V)	Equipment d'origine		Weight	Power	CE Mark		
			PFC	FV	SR					GAS	NO GAS	IA (60%)	X% (I ₂ max)		cm / kg	kW				kVA	
FRANCE	50/60 Hz	A	PFC	FV	SR	A	A	A	100 200 300	Electronic Control	GAS	NO GAS	90	150A@26%	67	0.6/0.8	0.8	43 x 33 x 23/14	6 kW	7.5 kVA	FRANCE
PEARL 150-2	230V 1~	13	—	—	—	—	—	20+150	■ ■ —	⊗	0.6+1.0	0.9	110	150 A @ 22%	85	0.6/0.8	0.8	45 x 35 x 25/16	7.5 kW	PEARL 150-2	
	110V 1~	32	■	■	■	10+130	10+180	20+150	■ ■ —	⊗	0.6+1.0	0.9	135	200 A @ 20%	85	0.6/0.8	0.8	55 x 44 x 25/20	7.5 kW		
Multi PEARL 200-2	110V 1~	32	■	■	■	10+130	10+180	20+150	■ ■ —	⊗	0.6+1.0	0.9	110	150 A @ 22%	85	0.6/0.8	0.8	55 x 44 x 25/20	7.5 kW	Multi PEARL 200-2	
	230V 1~	13	—	—	—	—	—	20+200	— ■ ■	⊗⊗	0.6+1.0	0.9	135	200 A @ 20%	85	0.6/0.8	0.8	71 x 74 x 41	7.5 kW		
Multi PEARL 200-4 XL	110V 1~	32	■	■	■	10+130	10+180	20+150	■ ■ —	⊗	0.6+1.0	0.9	110	150 A @ 22%	85	0.6/0.8	0.8	71 x 74 x 41	7.5 kW	Multi PEARL 200-4 XL	
	230V 1~	13	—	—	—	—	—	20+200	— ■ ■	⊗⊗	0.6+1.0	0.9	135	200 A @ 20%	85	0.6/0.8	0.8	71 x 74 x 41	7.5 kW		
Multi PEARL 201-4	110V 1~	32	■	■	■	10+130	10+180	20+150	■ ■ —	⊗	0.6+1.0	0.9	110	150 A @ 22%	85	0.6/0.8	0.8	71 x 74 x 41	7.5 kW	Multi PEARL 201-4	
	230V 1~	13	—	—	—	—	—	20+200	— ■ ■	⊗⊗	0.6+1.0	0.9	135	200 A @ 20%	85	0.6/0.8	0.8	71 x 74 x 41	7.5 kW		

MIG/MAG

MONOGYS / TRIMIG

SYNERGIC



ACCESSORIES BOX



SYNERGIC • EASY TO USE

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

PATENTS REGISTERED NUMBERS
 EUROPEAN TRADEMARK & DESIGN

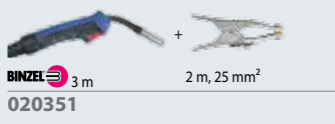


MONOGYS/TRIMIG
MIG/MAG



MONOGYS 200-2CS

30 ▲ 200 A



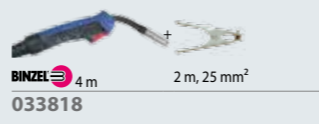
MONOGYS 250-4CS

40 ▲ 250 A



TRIMIG 200-4S

30 ▲ 200 A



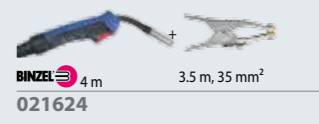
TRIMIG 250-4S.DV

35 ▲ 250 A



TRIMIG 300-4S

35 ▲ 300 A



no accessories:
033832

 MADE IN FRANCE EN60974-1	 50/60 Hz	 A	 min → max	 Reg	 Ø mm		 Electronic Control	EN60974-1 (40°C)		 Ø mm	 U ₀ (V)	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica			 cm/kg	 Protected & compatible power generator (+/-15%)	 MADE IN FRANCE EN60974-1
					200	300		IA (60%)	X% (I ₂ max)								
MONOGYS 200-2CS	230V 1~	16	30 → 200	6	▪	▪		110	200 A @ 15%	0.6 + 1	17 → 34				77 x 79 x 47 / 70	7.5 kVA	MONOGYS 200-2CS
MONOGYS 250-4CS	240V 1~	25	40 → 250	8	▪	▪		170	250 A @ 15%	0.8 + 1.2	17 → 38				77 x 79 x 47 / 85	11 kVA	MONOGYS 250-4CS
TRIMIG 200-4S	400V 3~	10	30 → 200	7	▪	▪		140	200 A @ 30%	0.6 + 1	17 → 34.5				77 x 79 x 47 / 63	7.5 kVA	TRIMIG 200-4S
TRIMIG 250-4S.DV	400V 3~ 230V 3~	10 (16) 16 (25)	35 → 250	10	▪	▪		180	250 A @ 30%	0.8 + 1.2	17 → 37				90 x 88 x 50 / 86	10 kVA	TRIMIG 250-4S.DV
TRIMIG 300-4S	400V 3~	16 (20)	35 → 300	12	▪	▪		240	300 A @ 35%	0.8 + 1.2	17 → 37				90 x 88 x 50 / 90	15 kVA	TRIMIG 300-4S

MIG/MAG

PROMIG • SYNERGIC



400 V • 3~

PROMIG 350-4S

Compact

40 **▲** 350 A



no accessories :
035898



230/400 V • 3~

PROMIG 350 G.DV

Generator

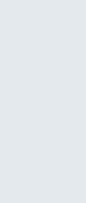
40 **▲** 350 A

no accessories :
035904

ACCESSORIES BOX



1 - GAS
2 - GAS



SYNERGIC • EASY TO USE

EN 1090



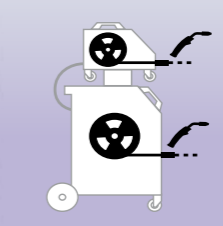
ADJUSTABLE CREEP SPEED

U I
m/min

39

MIG/MAG • PROMIG

Compact DUO



2 TORCHES

OPTION
PROMIG 350 G.DV, 350-4S DUO.DV



TF 4R

033849



CONNECTION CABLES - FAISCEAUX DE LIAISON		
L	AIR COOLED	Ø
5 m	034822	50 mm ²
5 m	034839	70 mm ²
10 m	034853	50 mm ²
10 m	034860	70 mm ²



Câble d'inversion de polarité
Polarity reversal cable
95 mm² - 1.3 m
033689

MADE IN FRANCE CE NORM EN60974-1	50/60 Hz A Ø mm	230V 3~ & 400V 3~ 230V : 25 (40) 400V : 16 (25)	0.8 + 1.2	min + max A	+ TF4R	+ TF4R	200 300 Ø mm	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica	ELECTRONIC CONTROL Cooling system	EN60974-1 (40°C)		Reg cm / kg	Protected & compatible power generator (+/-15%) 17 kVA	MADE IN FRANCE CE NORM EN60974-1
										IA (60%)	X% (I2 max)			
PROMIG 350-4S	400 V 3~	16 (20)	—	40 + 350	—	—	—	—	Air	270	350 A @ 35%	14	90 x 88 x 50 / 102	PROMIG 350-4S
PROMIG 350 G.DV	230 V 3~ & 400 V 3~	230 V : 25 (40) 400 V : 16 (25)	0.8 + 1.2	40 + 350	—	+ TF4R	—	—	Air	270	350 A @ 35%	14	90 x 88 x 50 / 102	PROMIG 350 G.DV
PROMIG 350-4S DUO.DV					—	+ TF4R	—	—	Air	—	—	—	—	—
TF 4R	—	—	0.8 + 1.2	—	—	—	—	—	Air	—	—	—	59 x 44 x 30	TF 4R

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



EN 1090

ADJUSTABLE ELECTRONIC CONTROL • CREEP SPEED • BURN BACK • POST GAS



MATERIAL THICKNESS TEST



MIG/MAG

MAGYS • SYNERGIC

400 V • 3 ~



MAGYS 400-4 AIR
 Compact 40 **350 A**

no accessories : 032170

MAGYS 400 GR AIR
 Generator 40 **350 A**

no accessories : 032187

MAGYS 500 GR AIR
 Generator 45 **450 A**

no accessories : 032194

MAGYS 500 WS liquid cooling (5.5)
 Generator 45 **450 A**

no accessories : 032200

OPTIONS

Screen protection included with Magys 046191	Faisceaux de liaison - Connection cable	AIR COOLED 5 m 50 mm ² 034822 5 m 70 mm ² 034839 10 m 50 mm ² 034853 10 m 70 mm ² 034860 10 m 95 mm ² 045941	Gougeage - Gouging Ø 8 mm max 041516
Câble d'inversion de polarité Polarity reversal cable 95 mm ² - 1.3 m 033689	LIQUID COOLED 1.6 m 70 mm ² 033696 5 m 70 mm ² 033641 10 m 70 mm ² 033658 10 m 95 mm ² 034877 15 m 95 mm ² 034884 20 m 95 mm ² 034891 30 m 95 mm ² 034907	Électrodes de gougeage - Gouging - Electrodes - Kohleelektroden - Electrodo de carbono Ø 6.4 mm (x50) 086081 Ø 8 mm (x50) 086098	

MADE IN FRANCE EN60974-1	50 / 60 Hz	A	Ø mm	A	min → max	200	300	Ø mm	Cooling system	ELECTRONIC CONTROL	I(A) (60%)	X% (I2 max)	Reg	cm / kg	Protected & compatible power generator (+/-15%)
MAGYS 400-4	400V 3~	20 (25)	0.6+1.2	40→350	■	■	■	■	Air	1.0/1.2 mm	320	350 A @ 50%	20	105 x 98 x 50 / 130	12 kVA
MAGYS 400 GR	400V 3~	25 (32)	0.6+1.6	45→450	■	■	■	■	Air	OPTION	410	450 A @ 50%	30	105 x 98 x 50 / 160	20 kVA
MAGYS 500 GR	400V 3~	25 (32)	0.6+1.6	45→450	■	■	■	■	Air	OPTION	410	450 A @ 50%	30	105 x 98 x 50 / 160	20 kVA
MAGYS 500 WS	400V 3~	25 (32)	0.6+1.6	45→450	■	■	■	■	Liquid	OPTION	410	450 A @ 50%	30	105 x 98 x 50 / 160	20 kVA
WS-4R	—	—	0.6+1.6	—	■	■	■	■	Air	—	—	—	—	59 x 56 x 25 / 17	—
WS-4L	—	—	0.6+1.6	—	■	■	■	■	Liquid	—	—	—	—	32 x 49 x 23 / 15	—
W5S-4L	—	—	0.6+1.6	—	■	■	■	■	Air + Liquid	—	—	—	—	32 x 49 x 23 / 15	—

MAGYS 400 GR, 500 GR, 500 WS



WS-4R AIR Ø 200/300

034723

WS-4L Ø 200/300

033573

Small Size Wire Feeder for MAGYS

032835



W5S-4L AIR + Ø 200

032835

Skate for WS-4R & WS-4L



040977

OPTION Cable support for MAGYS



(x4) 046535

NEW 01/2016



6 in 1 MULTIPROCESS INVERTER

EXAGON 400 CC/CV



EASY TO USE



6 in 1

- 1 MMA
- 2 MMA • PULSE
- 3 TIG DC LIFT
- 4 GOUGING
- 5 MIG • Portable feeder
- 6 MIG • Wire feeder

CEL
cellulosic
electrode

HS AF MMA PULSE TIG LIFT SR AD

400V • 3~ 400A

MULTI APPLICATIONS

Heavy duty
Naval
Petrol offshore

IP 23
INDOOR
/OUTDOOR

ROBUST DESIGN



EXAGON 400 CC/CV
no accessories
010925

NOMAD CABLE
5 m 95 mm² 032439
10 m 95 mm² 032446

NOMADFEED
032415
Original equipment: Ø 1/1.2

DIABLE JOBSITE XL
600 x 1150 x 584 mm
039568

EQUIPMENT
5

CHANTIER - JOBSITE

NEW
09/2016

OPTION



4 m³
039551

OPTIONS

Torches
AIR COOLED
450 A Acier - Steel 4 m 045392

LIQUID COOLED
500 A Acier - Steel 4 m 041004
500 A Alu 3 m 046160

Pince de masse - Earth clamp
600 A
4 m
95 mm²
043831

Hand remote control
8 m
1 kg
045675

Filter kit
046580

EQUIPMENTS
1 2 3 4
p.12/13



V control Remote control 8-m/min /Inductance control

NEW
05/2016

400 A @ 60%

VRD
Voltage Reduction Device

IP 23

GYS

43

EQUIPMENT
6

ATELIER - WORKSHOP

Push Pull (24V/42V)

Connector 14pt, male
047686

Hand
remote control



EXAFEED 4L
032408
Original equipment :
Ø 1/1.2

AIR +

OPTION ROLLERS
047020

OPTION SKIS
047037

EXAGON 400 CC/CV
no accessories
010925

CONNECTION CABLE

AIR COOLED
5 m 70 mm² 047587
10 m 70 mm² 047594
10 m 95 mm² 047600

LIQUID COOLED
5 m 70 mm² 047617
10 m 70 mm² 047624
10 m 95 mm² 047631

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

OPTION TROLLEY
max 10m³(50l)
1150 x 1200 x 515 mm
032736

MADE IN FRANCE EN60974-1	50/60 Hz	I ₂ MMA	I ₂ TIG	I ₂ MIG	INTEGRATED TECHNOLOGY							MMA/TIG/MIG EN60974-1 (40°C)		U _o	cm / kg	Protected & compatible power generator (+/-15%)			
					HS	AF	MMA PULSE	TIG Lift	SR	AD	CEL	IA (60%)	X% (I2 max)						
EXAGON 400 CC/CV	3	400 V	32 A	20+400	5+400	15+400	■	■	■	■	■	■	■	400	60	84 V	58 x 52 x 30/32 kg	30 kW	36 kVA

6 in 1 • MULTIPROCESS INVERTER • EXAGON

MIG/MAG

INVERTER • DOUBLE PULSE

NEOPULSE



ERGONOMIC & EASY

Large 5 inch LCD colour screen

Easy mode
Easy & intuitive

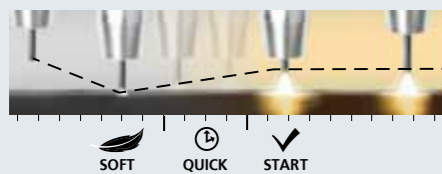


Pro mode
100% parameters



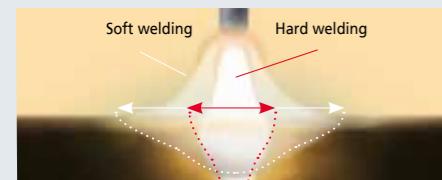
SQS SOFT QUICK START®

Vitesse d'accostage contrôlée



Adjustable inductance

Inductance réglable

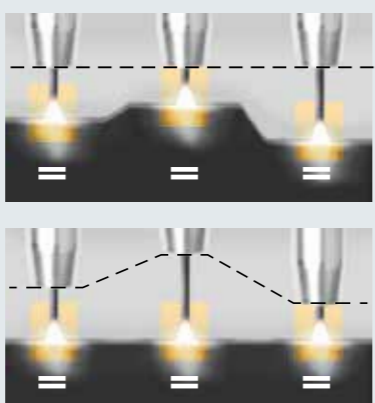


★ ★ ★ Ideal Alu & CuAl8/CuSi3



Stable arc/Constant penetration

Arc stable/pénétration constante



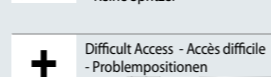
4 DRIVE ROLLERS
ø 37 mm, MOTOR 75W
Rollers Type C



100% Burnback



Spatter free
- Pas de projection
- Keine Spritzer



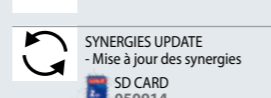
Difficult Access - Accès difficile
- Problempositionen



Gap-Bridging
- Referement de jour
- Spaltüberbrückung



FULLY DIGITAL
RJ12 - Software update



SYNERGIES UPDATE
- Mise à jour des synergies
SD CARD 050914

SYNERGIES

NEOPULSE 270-T1 - 37 synergies
NEOPULSE 300 - 41 synergies

	Standard				Pulse		
	Ø0.6	Ø0.8	Ø1	Ø1.2	Ø0.8	Ø1	Ø1.2
Fe Arg CO ₂ 18%	✓	✓	✓	—	✓	✓	—
Al Mg 5 Arg 100%	—	✓	✓	✓	✓	✓	✓
Al Si 12 Arg 100%	—	✓ (Push Pull)	✓	✓	✓ (Push Pull)	✓	✓
Al Si 5 Arg 100%	—	✓ (Push Pull)	✓	✓	✓ (Push Pull)	✓	✓
Cr Ni 308 Arg 98% CO ₂ 2%	—	✓	✓	—	✓	✓	—
Cr Ni 316 Arg 100%	—	✓	✓	—	✓	✓	—
Cu Si 3 Arg 100%	—	✓	✓	—	✓	✓	—
Cu Al 8 Arg 100%	—	✓	✓	—	✓	✓	—
Fe CO ₂ 100%	—	✓	✓	—	—	—	—

NEOPULSE 270-T1

15 **270 A** **75 W**

no accessories/no trolley
022454



190 A @ 60%

PULSE IN PULSE

3 MICROPROCESSORS

EASY UPDATE
DIRECT COMPUTER

37 SYNERGIES

Mise à jour - Update
SD CARD 050914

Potence - Cable support
032842

OPTION
TROLLEY

ø 845x982x605 mm
033931

cooling unit (5l)
liquid not included
1300W
max 10 m³ (50 l)

WCT 1.3kW A
400 V, 2~
020344

WCT 1.3kW C
230 V, 2~
032781

INCLUDED
Connection
034273

OPTIONS

Torches 	AIR COOLED 250 A Acier - Steel 3 m 040700 250 A Alu 3 m 040724	Pince de masse - Earth clamp 400 A 4 m - 35 mm ² 043817	 SCREEN PROTECTION (x5) 044043
	LIQUID COOLED 300 A Acier - Steel 3 m 040694 300 A Alu 3 m 040748		

 MADE IN FRANCE EN60974-1	 50 / 60 Hz	 A	 Ø mm	 min + max	 SPOOLGUN	 PUSH/PULL	 200 300	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica		EN60974-1 (40°C)	 cm / kg	 Protected & compatible power generator (+/-15%)
								 ELECTRONIC CONTROL	IA (60%) X% (I2 max)			
NEOPULSE 270-T1	400V - 3~	16	0,6 + 1,2	15 + 270	—	—	■ ■	 0,8 / 1,0 mm	190	270A@20%	52 x 64 x 38 / 37	12,5 kVA

GYS
 45
 MIG/MAG • INVERTER • NEOPULSE

MIG/MAG

INVERTER • DOUBLE PULSE

400 V - 3 Ø



240 A @ 60%

PULSE IN PULSE

FV TRI FLEXIBLE VOLTAGE



3 MICROPROCESSORS

EASY UPDATE DIRECT COMPUTER

41 SYNERGIES

Mise à jour - Update SD CARD 050914

IP 23

INDOOR /OUTDOOR

ROBUST DESIGN

NEW 05/2016

400 A @ 60%

PULSE IN PULSE

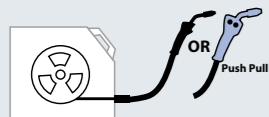
4 MICROPROCESSORS

POWER DIGITAL CONTROL

EASY USB UPDATE DIRECT COMPUTER

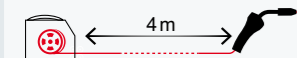
> 80 SYNERGIES

Mise à jour - Update SD CARD 050914



PUSH PULL TORCH - 24 V
OPTION NEOPULSE 300

details p. 51



160 A (40%)
Original equipment : Ø 0,6/0,8-1,0
4 m, 2,9 kg
044111

220 A (20%)
Original equipment : Ø 0,8-1,0/1,2
4 m, 3 kg
046283

FV TRI
NEOPULSE 300

15 270 A 75 W

no accessories/no trolley
032767

OPTIONS

Torches	AIR COOLED	250 A Acier - Steel 3 m 040700	Pince de masse - Earth clamp	400 A 4 m - 35 mm² 043817	SCREEN PROTECTION (x5) 044043
	250 A Alu 3 m 040724				
	LIQUID COOLED	300 A Acier - Steel 3 m 040694			
		300 A Alu 3 m 040748			



Potence - Cable support 032842

OPTION TROLLEY

↳ 845 x 982 x 605 mm
max 10 m³ (50 l)
033931



cooling unit (5l)
liquid not included
1300 W
max 10 m³ (50 l)

INCLUDED Connection 034273

WCT 1.3kW A 400 V, 2~ 020344

WCT 1.3kW C 230 V, 2~ 032781

NEOPULSE 400

10 400 A

no accessories/no trolley
032774

OPTIONS

Numeric Remote Control 10 m 047662	Torches	Pince de masse - Earth clamp
	LIQUID COOLED	600 A 4 m - 70 mm² 043831
	500 A Acier - Steel 4 m 041004	
	500 A Alu 3 m 046160	
Analog Remote Control 10 m 047679	SCREEN PROTECTION (x5) 044043	Filter kit 046580

NEOFFEED 4L 032743

Original equipment : Ø 1/1.2



OPTION ROLLERS 047020

OPTION SKIS 047037

NEOPULSE 400 no accessories 032774

CONNECTION CABLE

AIR COOLED
5 m 70 mm² 047587
10 m 70 mm² 047594
10 m 95 mm² 047600

LIQUID COOLED
5 m 70 mm² 047617
10 m 70 mm² 047624
10 m 95 mm² 047631

OPTION NEOCOOL

1000 W cooling unit (5.5l) liquid not included 032750

OPTION TROLLEY max 10 m³ (50 l) 032736

MADE IN FRANCE EN60974-1	50/60 Hz	A	Ø mm	min → max	FV TRI	PUSH/PULL	Ø mm		ELECTRONIC CONTROL	EN60974-1 (40°C)		cm /kg	Protected & compatible power generator (+/-15%)
							200	300		IA (60%)	X% (I2 max)		
NEOPULSE 300	230V - 3 ~	20	0.6 + 1.2	15 + 240	■	24 V	■	■	0.8 / 1.0 mm	220	240 A @ 45%	52 x 64 x 38 / 41	10 kVA
NEOPULSE 400	400V - 3 ~	16	—	15 + 270	■	—	■	■	—	240	240 A @ 60%	—	12.5 kVA
NEOFFEED 4L	400V - 3 ~	32	—	10 + 400	—	OPEN 24/42V	■	■	—	400	400 A @ 60%	71 x 49 x 30 / 36	30 kVA



PACKS PROMIG

PROMIG 350-4S
PROMIG 350-4S
4 m, 50 mm²
Ø1/1.2 (original equipment)

Fe/CrNi 350 A, 4 m, air
Alu 350 A, 3 m, air
Alu, Ø1/1.2 (x2)

pack PROMIG 350-4S 1 035928
pack PROMIG 350-4S 2 035935

PROMIG 350 G.DV
TF-4R
PROMIG 350 G.DV
5 m, air, ø 70 mm²
4 m, 50 mm²
Ø1/1.2 (original equipment TF-4R)

Fe/CrNi 350 A, 4 m, air
Alu 350 A, 3 m, air
Alu, Ø1/1.2 (x2)

pack PROMIG 350 G.DV 3 036109
pack PROMIG 350 G.DV 4 036116

PROMIG 350-4S DUO DV
PROMIG 350-4S DUO.DV
4 m, 50 mm²
Ø1/1.2 (original equipment)

Fe/CrNi 350 A, 4 m, air
Alu 350 A, 3 m, air
Alu, Ø1/1.2 (x2)

TF-4R 5 m, air, ø 70 mm²
Fe/CrNi 350 A, 4 m, air
Alu 350 A, 3 m, air
Alu, Ø1/1.2 (x2)

pack PROMIG 350-4S DUO DV 1 035966
pack PROMIG 350-4S DUO DV 2 035973
pack PROMIG 350-4S DUO DV 4 036123

MAGYS

MAGYS 400-4
MAGYS 400-4
4 m, 50 mm²
Ø1/1.2 (original equipment)

Fe/CrNi 350 A, 4 m, air
Alu 350 A, 3 m, air
Alu, Ø1/1.2 (x2)

pack MAGYS 400-4 1 032279
pack MAGYS 400-4 2 032286

MAGYS 500 GR
WS-4R
MAGYS 500 GR
10 m, air, ø 95 mm²
4 m, 70 mm²
Ø1/1.2 (original equipment WS-4R)

Fe/CrNi 450 A, 4 m, air

pack MAGYS 500 GR 1 032323

MAGYS 400 GR
WS-4R
MAGYS 400 GR
10 m, air, ø 70 mm²
4 m, 50 mm²
Ø1/1.2 (original equipment WS-4R)

Fe/CrNi 350 A, 4 m, air
Alu 350 A, 3 m, air
Alu, Ø1/1.2 (x2)

pack MAGYS 400 GR 1 032293
pack MAGYS 400 GR 2 032309
pack MAGYS 400 GR 3 032316

MAGYS 500 WS
WS-4L
MAGYS 500 WS
10 m, liquid
4 m, 70 mm²
Ø1/1.2 (original equipment WS-4L)

Fe/CrNi 500 A, 4 m, liquid
Alu 500 A, 3 m, liquid
Fe/CrNi 500 A, 4 m, liquid
Ø0.8/1 (original equipment WSS-4L)

pack MAGYS 500 WS 1 032330
pack MAGYS 500 WS 2 032347
pack MAGYS 500 WS 3 032354

EXAGON

EXAGON 400 CC/CV
Air Cooled
EXAFEED 4L
EXAGON 400 CC/CV
10 m, air, ø 95 mm²

Fe/CrNi 350 A, 4 m, air
4 m, 50 mm²

pack EXAGON MAG A1 012417

EXAGON 400 CC/CV
Water Cooled
EXAFEED 4L
EXAGON 400 CC/CV
10 m, liquid, ø 95 mm²

EXACOOOL 1000 W cooling unit (5.5) liquid not included
Fe/CrNi 500 A, 4 m, liquid
4 m, 70 mm²

pack EXAGON MAG W1 012424

NEOPULSE

NEOPULSE 270-T1
Air Cooled | Water Cooled
NEOPULSE 270-T1
4 m, 35 mm²
(x2) Ø0.8/1 (Original Equipment)

Fe/CrNi 250 A, 3 m
Alu 250 A, 3 m
Alu, Ø1/1.2 (x2)

WCT 1.3kW A 400 V, 2~, 1300W, cooling unit (5)

pack NEOPULSE 270-T1 A1 022478
pack NEOPULSE 270-T1 A2 022492
pack NEOPULSE 270-T1 W1 022485
pack NEOPULSE 270-T1 W2 022508

NEOPULSE 300
Air Cooled | Water Cooled
NEOPULSE 300
4 m, 35 mm²
(x2) Ø0.8/1 (Original Equipment)
Cable support

Fe/CrNi 250 A, 3 m
Alu 250 A, 3 m
Alu, Ø1/1.2 (x2)

WCT 1.3kW A 400 V, 2~, 1300W, cooling unit (5)

pack NEOPULSE 300 A1 032682
pack NEOPULSE 300 A2 032705
pack NEOPULSE 300 W1 032699
pack NEOPULSE 300 W2 032712

NEOPULSE 400
Water Cooled
NEOFEED 4L
10 m, liquid, ø 95 mm²

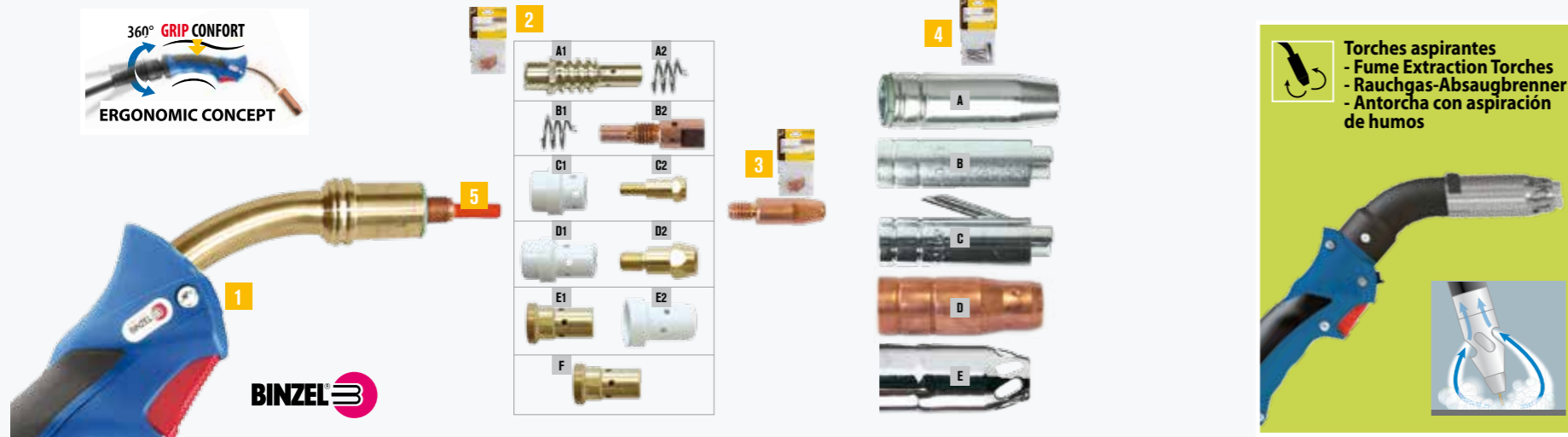
NEOPULSE 400
NEOCOOOL 1000 W cooling unit (5.5) liquid not included
4 m, 70 mm²

NEOPULSE 400
Water Cooled
NEOFEED 4L
1150 x 1200 x 515 mm

Fe/CrNi 500 A, 4 m, liquid
Alu 500 A, 3 m, liquid
Alu, Ø1/1.2 (x2)

pack NEOPULSE 400 W1 032453
pack NEOPULSE 400 W2 032460





ACIER / INOX - Steel/Stainless steel - Stahl/Edelstahl						ALU - Aluminium - Aluminio				
AIR			LIQUID			AIR			LIQUID	
150 A	250 A	350 A	450 A	300 A	500 A	150 A	250 A	350 A	300 A	500 A

1 TORCHES COMPLÈTES - Complete Torches - Brenner - Antorcha - Lastoort - Tocha	150 A	250 A	350 A	450 A	300 A	500 A	150 A	250 A	350 A	300 A	500 A
2	A	B	D	F	C	E	A	B	D	C	E
3	M6	M6	M8	M8	M6	M8	M6	M6	M8	M6	M8
	Ø0.8	Ø1.0	Ø1.2	Ø1.2	Ø1.2	Ø1.2	Ø0.8	Ø1.0	Ø1.2	Ø1.2	Ø1.2
X% original equip.	150A - 60%	200A - 60%	290A - 60%	450A - 60%	270A - 100%	380A - 100%	150A - 60%	200A - 60%	290A - 60%	270A - 100%	380A - 100%
GRIP	GRIP	GRIP	GRIP	ABIMIG	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP	GRIP
L	3m	3m 4m	3m 4m	4m	3m 4m	4m	3m	3m 4m	3m 4m	3m 4m	3m 4m
Ref.	041424 043268 043251	040700 040922 040540	040687 040946 040557	045392	040694 043275 041004	040564	041462 040724 040939	040731 040953	040748 043282	046160	041097

2 SUPPORTS TUBE CONTACT & DIFFUSEURS - Tip adaptors & diffusers	150 A	250 A	350 A	450 A	300 A	500 A	150 A	250 A	350 A	300 A	500 A
	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
	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

3 TUBES CONTACTS - Contact tips - Kontaktrohre - Tubo de contacto - Contactbuis - Pontas de contacto	150 A	250 A	350 A	450 A	300 A	500 A	150 A	250 A	350 A	300 A	500 A
x10											
Ø0.6	041905	041905			041905						
Ø0.8	041912	041950		041790	041950	041790	041059	041059		041059	
Ø1.0	041929	041967	419803	419803	041967	419803	041066	041066	419766	041066	419766
Ø1.2	040144	041974	419810	419810	041974	419810	041073	041073	419773	041073	419773
Ø1.4			419827			419827					
Ø1.6			419834	419834		419834			041080		041080
Ø2.4			040533	040533		040533					

4 BUSES - Gas nozzles - Düsen - Tubo - Nippel - Bicos	150 A Ø12	250 A Ø15	350 A Ø16	450 A	300 A Ø17	500 A Ø16	150 A	250 A Ø15	350 A Ø16	300 A	500 A Ø16
Conique - Conical nozzle - Konische Düse	A (x3) 041875	E (x1) 043084	A (x3) 041882	E (x1) 040571	(x3) 041783	E (x1) 040588	A (x3) 045491	A (x3) 043534	A (x3) 042315	E (x1) 040588	
Pointage - Spot welding - Punktöse	B (x1) 041851										
Soudé clou - Nail welding - Nagel-schweißdüse	C (x1) 041523										
Special No Gas (isolated)	D (x1) 041868										

5 GAINES - Torch liners - Mantel - Funda - Drahtseelen - Folha	Acier - Steel - Stahl - Acero - Staal - Aço						Teflon		Teflon	
Ø0.6x0.8	3m		041592				041578		041578	
	4m		041837				044050		044050	
Ø1.0x1.2	3m		041608				041585		041585	
	4m		041844				044067		044067	
Ø1.2x1.6	3m		418417				044074		044074	
	4m		418424							
Ø1.6x2.4	4m		040526							

COFFRETS - Boxes - Kästen - Cajas - Kistjes - Estojos	MB 15 (150 A) 041226	MB 25 (250 A) 041233	MB 36 (350 A) 041417
	x3	x5	x5
	x5	x3	x3
	x5 (M6-Ø0.6)	x5 (M6-Ø0.8)	x5 (M6-Ø0.8)
	x5 (Alu - M6-Ø0.8)	x5 (M6-Ø1.0)	x5 (Alu - M6-Ø1.0)
	x3	x3	x3
	x2	x3	x2
			x5 (M8-Ø1.0)
			x5 (M8-Ø1.2)
			x5 (Alu - M8-Ø1.0)
			x5 (Alu - M8-Ø1.2)

SPOOLGUN
OPTION NEOPULSE 270-T2 & 300-T2

Torche motorisée Spool Gun - Spool Gun Torch
041486

Ideal Alu
Ø 0,8
&
Acier / Steel / Stahl
Inox / Stainless steel

4 m

PUSH PULL TORCH - 24 V
OPTION NEOPULSE 300

Motor inside

4 m

Light weight

Ideal Alu MB15
Ø 0,8
160 A (40%)
Original equipment : Ø 0,6/0,8-1,0
4m, 2,9 kg
044111

Ideal Alu MB25
Ø 1,2
220 A (20%)
Original equipment : Ø 0,8-1,0/1,2
4m, 3 kg
046283

Welding Parameters access

- Speed
- Arc length
- Select
- Adjust +/-

option Ø 0,6 / 0,8-1,0 046290

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

bobine écologique / ecological wire reel



	kg	Ø	Ø 0.6 mm	Ø 0.8 mm	Ø 1.0 mm	Ø 1.2 mm
Acier - Steel - Stahl - Acero - Staal - Aço (SG2)	0.9	100 mm	086593	086609		
	5	200 mm	086111	086128	086135	
	15	300 mm	086166	086227	086234	086241
	18	300 mm		086272 (15 kg)	086289	086296
Acier - Steel - Stahl - Acero - Staal - Aço (UHSS)	5	200 mm		086203		
	5	200 mm	086760	086777		
Galva (G2Ti)	2	200 mm				086517
	7	300 mm				086500
Alu (AlMg3)	0.5	100 mm		086548		
	2	200 mm		086555	086562	
	7	300 mm			086524	086531
Alu (AlSi5)	0.5	100 mm		086685		
	2	200 mm			086142	086159
	0.5	100 mm		086678		
Alu (AlSi12)	2	200 mm			086067	086074
	1	100 mm		086616		
Inox - Stainless - Edelstahl (308LSi)	5	200 mm		086579		
	5	200 mm		086326		
Inox - Stainless - Edelstahl (316LSi)	1	100 mm		086692		
	5	200 mm		086647	086654	
CuSi3 HLE - UHTS (Boron Steel)	5	200 mm		086661	086197	
	15	300 mm			086180	
Fil fourré, Cored wire, Fülldraht, Hilo tubular Acier - Steel - Stahl NO GAS	4.5	200 mm		Ø 0.9 = 086623		086630
	0.9	100 mm		Ø 0.9 = 086104		
Rechargement Acier 60 HRC	16	300 mm				086173

NORMES - Norms - Normen - Norma		
AWS	EN	DIN
AWS 5.18 : ER 70S-6	EN ISO 14341-A : G46 4M G3Si1	DIN 8559 : SG2
AWS 5.28 : ER 90S-B3	EN ISO 2195L-A : Cr CrMo2Si	
AWS/ASME SFA-5.28 : ER 120 S-G	EN ISO 12534 : Mn4Ni2, 5CrMo	
AWS 5.18 : ER 70S-2	EN ISO 14341-A : G42 2 M G2Ti	DIN 8559 : SG2
AWS 5.10 : ER 5554	EN ISO 18273 : S AI 5554	DIN 1732 : SG-AIMg3
AWS 5.10 : ER 5356	EN ISO 18273 : S AI 5356	DIN 1732 : SG-AIMg5
AWS 5.10 : ER 4043	EN ISO 18273 : S AI 4043-A	DIN 1732 : SG-AISi5
AWS 5.10 : ER 4047	EN ISO 18273 : S AI 4047	DIN 1732 : SG-AISi12
AWS 5.9 : ER 308L Si	EN ISO 14343-A : G19 9 L Si	DIN 8556 : SG X2CrNi 19 9
AWS 5.9 : ER 316L Si	EN ISO 14343-A : G19 12 3 L Si	DIN 8556 : SG X2 CrNiMo 19 12
AWS 5.7 : ER CuSi-A	EN ISO 14640 : S Cu 6560	DIN 1733 : SG-CuSi3
AWS 5.7 : ER CuAl-A1	EN ISO 14640 : S Cu 6100	DIN 1733 : SG-CuAl8
AWS 5.20 : E71T-GS	EN ISO 17632-A T42 Z W N 1 H15	
	EN 14700 : TZ Fe 2	DIN 8555 : MSG 6-CF-60

ADAPTATEURS BOBINES - Adaptors for wire reels - Korbspulenadapter



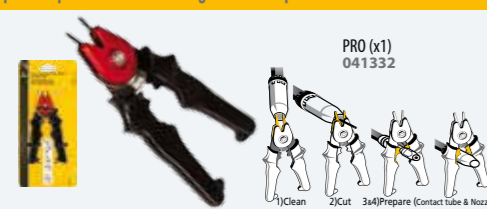
After sales



GALETS - Rollers - Vorschubrollen - Rollen - Rodillos - Wielen - Roletes

	TYPE A	TYPE B	TYPE C
	Ø30mm / Ø9mm	Ø37mm / Ø9mm	Ø37mm / Ø19mm
	Smartmig, Pearl, Multiplearl	Monogys, Trimig, Promig, Pearl XL, Multiplearl XL, TF 4R	Magys, Neopulse, WS-4L, WS-4L/4R, Nomadfeed, Neofeed, Exafeed
Acier - Steel - Stahl - Acero - Staal - Aço - Inox - Stainless	Ø 0.6 / 0.8 (x1) 042339	(x1) 042087	(x2) 042353
	Ø 0.8 / 1.0 (x1) 041189	(x1) 042100	(x2) 042360
	Ø 1.0 / 1.2 (x1) 042179	(x2) 046849	(x2) 042117
	Ø 1.2 / 1.4 (x1) 042346		(x2) 039780
Alu	Ø 0.8 / 1.0 (x1) 041196	(x1) 042155	(x2) 041752
	Ø 1.0 / 1.2 (x1) 042186	(x2) 042377	(x2) 041780
	Ø 1.2 / 1.6 (x1) 042346	(x2) 040915	(x2) 042148
	Ø 0.9 / 1.2 (x1) 042346	(x2) 042391	(x2) 042162
Fil fourré - Corred wire	Ø 1.2 / 1.4 (x1) 042346	(x1) 042131	(x2) 041776
	Ø 1.6 / 2.4 (x1) 044081	(x2) 042407	(x2) 042124
			(x4) 047693
			(x4) 040519

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



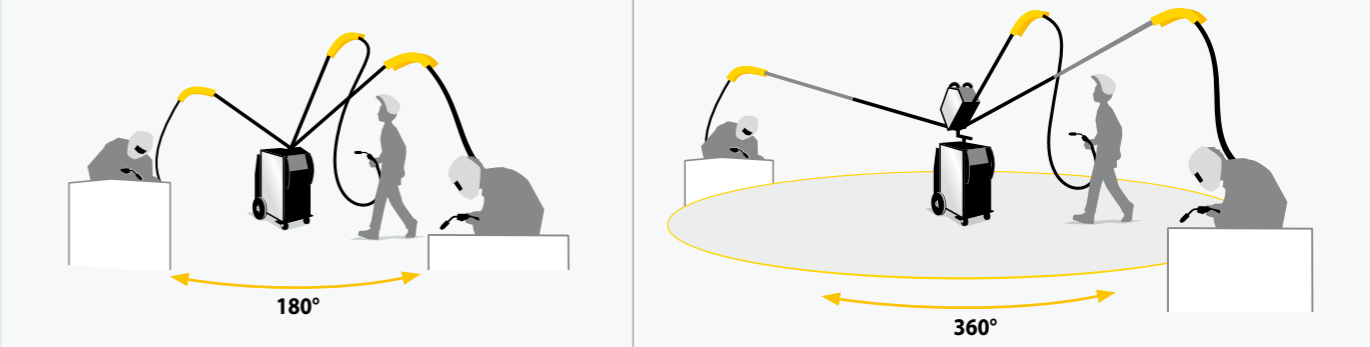
SUPPORT TORCHE MAGNÉTIQUE - MIG torch stand with magnetic base



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



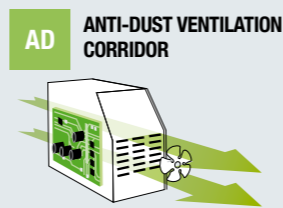
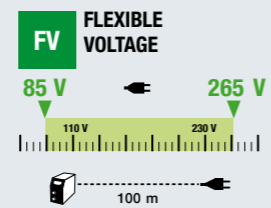
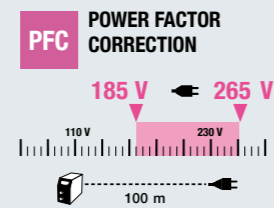
SUPPORTS TORCHE MIG - MIG torch supports - MIG-Brennerteleskophafterung



	L	rotation	Torches compatibility		Machines compatibility													Wire feeder compatibility						
			classic	fume extraction	TRIMIG			PROMIG			MAGYS			EXAGON	NEOPULSE			WS -4R	WS -4L	others				
			200 -45	250 -45.DV	300 -45	350 -45	350 G.DV	350-45 DUO.DV	400-4	400 GR	500 GR	500 WS	400 CC/CV	270-T1	270-T2	300	400	WS -4R	WS -4L	others				
MIG LIFT COMPACT	adjustable 1.3 m max	180°	✓	—	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	—	—	—	—	—	—	—	—	—
MIG LIFT PRO	adjustable 2.5 m max	360°	✓	✓	—	—	—	—	✓	✓	—	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—

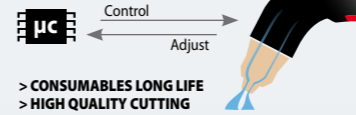
PLASMA CUTTER

1 ~



NEW TECHNOLOGY

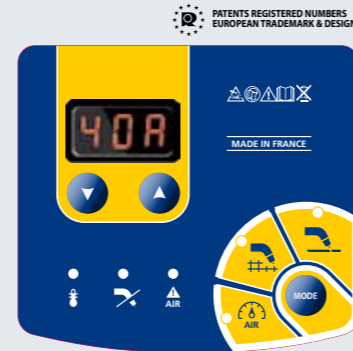
AIR CONSTANT PRESSURE CONTROL



4 modes :
Decoupage / Grillage / Gougeage / Mode verrouillé
Cutting / Metal Mesh / Gouging / Locked Mode
Vollblech / Gitter / Fugenhobel / Verriegeltes Vollblech-Modus

PATENTS REGISTERED NUMBERS EUROPEAN TRADEMARK & DESIGN

Kompressor inside



PATENTS REGISTERED NUMBERS EUROPEAN TRADEMARK & DESIGN



AD CUTTER 85A TRI
85 A ALU 30 mm INOX/STEEL 40 mm

4 m, 10 mm²
029880

Z Torch, no HF, 6 m
029996

AD CUTTER 125A TRI
125 A ALU 55 mm INOX/STEEL 55 mm

4 m, 16 mm²
029897

Z Torch, no HF, 6 m
029910

OPTIONS

Chariots - Trolleys - Fahrwagen

for CUTTER 85A TRI 039933
for CUTTER 125A TRI 039975

NEW 2016 Filter kit for CUTTER 125A TRI 046580

P400 CUTTER 25 K
25 A ALU 4 mm INOX/STEEL 6 mm
20 A on 13 A fuse

Ergocut S25K, 4 m
030947

P400 PFC AD CUTTER 35 KF
35 A ALU 8 mm INOX/STEEL 12 mm
30 A on 13 A fuse

Ergocut S35K, 4 m
031036

P400 PFC FV CUTTER 31 FV
30 A ALU 8 mm INOX/STEEL 10 mm
30 A on 13 A fuse

Ergocut S45, 4 m
030985

P400 PFC FV AD CUTTER 40 FV
40 A ALU 10 mm INOX/STEEL 15 mm
30 A on 13 A fuse

Ergocut S45, 4 m
031043

OPTIONS

Trolleys - Chariots - Fahrwagen

PLASMA 610
✓ 25 K
✓ 35 KF
✓ 31 FV
✓ 40 FV
040298

PLASMA 800
✓ 25 K
✓ 35 KF
✓ 31 FV
✓ 40 FV
040120

Kit compass - Kit compas - Kit Kompass

✓ 25 K
✓ 35 KF
✓ 31 FV
✓ 40 FV
✓ 85
✓ 125

x1 040205

included (x1) 040199

r = 80 > 670 mm

Filtre déshumificateur - Compressed air cleaning filter

✓ 31 FV
✓ 40 FV
✓ 85
✓ 125

x1 039728

Filter cartridge - Cartouche pour filtre (included) 039735

MADE IN FRANCE EN60974-1	50/60 Hz	I ₂	mm						INTEGRATED TECHNOLOGY				AIR SYSTEM Pressure (bar)			EN 60974-1 (40°C)		cm	kg	Protected & compatible power generator (4-15%)		
			Pierce	Clean Cut	Max Cut	P400	PFC	FV	AD	KOMPRESSOR INSIDE	mini	maxi	ideal	IA 60%	X%12 max							
CUTTER 25K	230V 1~	16	5+25	4	3	4	3	6	4	■	—	—	—	■	included	12	26	45 x 31 x 22	17.2	4.1 kW 5.9 kVA		
CUTTER 35KF	230V 1~	16	10+35	8	6	8	6	12	8	■	■	—	■	■	included	28	30	52 x 46 x 28	30	8 kW		
CUTTER 31FV	230V 1~	16	5+30	7	5	7	5	10	8	■	■	■	—	—	2.5	9	4.5 (115L/min)	19	25	44 x 28 x 19	12	6 kW
	110V 1~	32	5+30	7	5	7	5	10	8	■	■	■	—	—	2.5	9	4.5 (115L/min)	32	40	51 x 37 x 21	20	8 kW
CUTTER 40FV	230V 1~	16	10+40	10	8	10	8	15	10	■	■	■	■	—	2.5	9	4.5 (115L/min)	25	40	51 x 37 x 21	20	8 kW
CUTTER 85A TRI	400V 3~	32	25+85	18	15	30	25	40	30	—	—	—	■	—	5	9	5.5 (270 L/min)	85	60	62 x 44 x 30	32	20 kW 25 kVA
	110V 1~	32	10+30	10	8	10	8	15	10	■	■	■	■	—	2.5	9	4.5 (115L/min)	32	40	51 x 37 x 21	20	8 kW
CUTTER 125A TRI	400V 3~	50	25+125	25	25	40	40	55	55	—	—	—	■	—	5	9	6 (270 L/min)	—	100	71 x 49 x 31	40	30 kW 36 kVA

Z TORCH - for plasma 85A & 125A



MANUAL
Z Torch NO HF

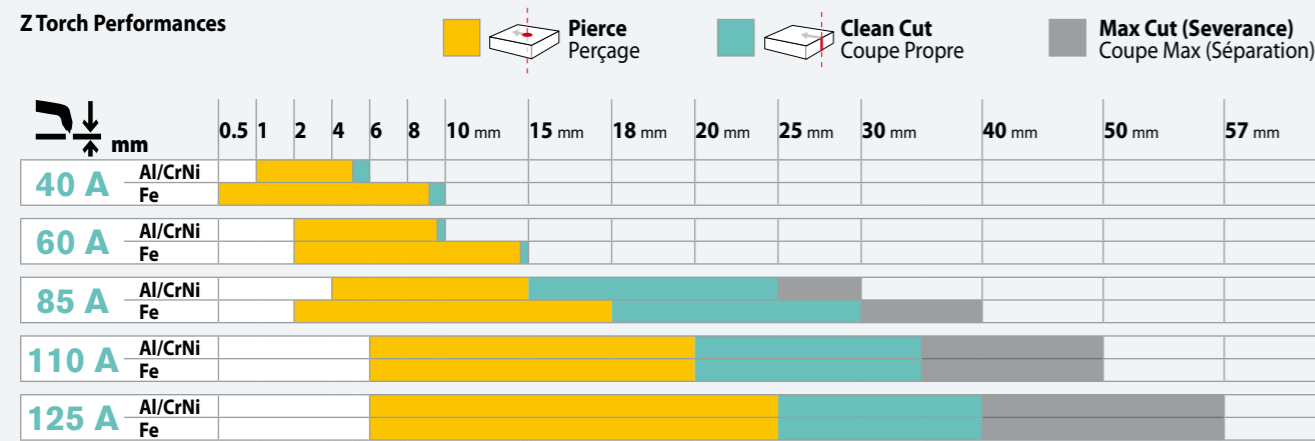
IA (60%)	IA (100%)	l (m)	Consumables	ref
130	105	6 15.2	included (85A)	040137 039995

AUTOMATIC
Z Auto Torch NO HF
Automatic detection

IA (60%)	IA (100%)	l (m)	Consumables	ref
130	105	15.2	—	040014

+ Kit CNC (Computer Numerical Control) 039988

Z Torch Performances



Consommables - Consumables

Z TORCH & Z AUTO

	Tube de refroidissement - Tube - Kühlrohr	Electrode - Schneidelektrode	Diffuseur - Diffuser - Swirl Ring	Tuyère - Tip - Schneiddüse	Buse - Nozzle - Schneidzusenhalter	Patin/protecteur - Shield - Kontaktschutzkappe
CUTTER 85A	x1	x5	x1	x5	x1	Z (manual)
						Z auto
CUTTER 125A						
40A (25-45A)						x5 039759
60A (45-65A)	040069	040076	040083		040090	x5 039766
80A (65-85A)						x5 040038
BOX 40/60/80 A	x1	+ x3	+ x1	+ x3 (40 A) + x3 (60 A) + x3 (80 A)	+ x1	+ x1
	039940					
110A	x1	x5	x1	x5	x1	x1
	040069	039629	040083	039667	040090	039681
				special Gouging 039599		special Gouging 039612
130A				x5 039650		x1 039674
				special Gouging 039582		special Gouging 039605
BOX 110/130 A	x1	+ x3	+ x1	+ x3 (110 A) + x3 (130 A)	+ x1	+ x1 (110 A) + x1 (130 A)
	039698					

ERGO CUT TORCH - for plasma 25K, 35KF, 31FV & 40FV



CUTTER 25K

Accessories	Quantity	Ref
BOX S25K	x3 + x1 + x3 + x1	039971

CUTTER 35K

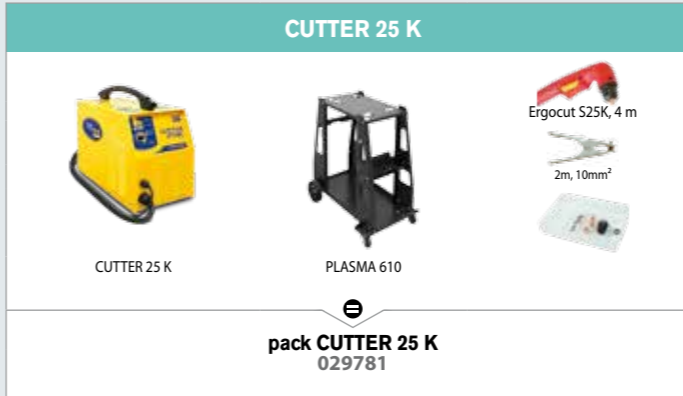
Accessories	Quantity	Ref
BOX S35K	x3 + x1 + x3 + x1	039964

CUTTER 31FV & 40FV

Accessories	Quantity	Ref
BOX S45	x3 + x1 + x3 + x1	039957

PLASMA PACKS

CUTTER 25 K



CUTTER 25 K, PLASMA 610, Ergocut S25K, 4 m, 2m, 10mm²

pack CUTTER 25 K 029781

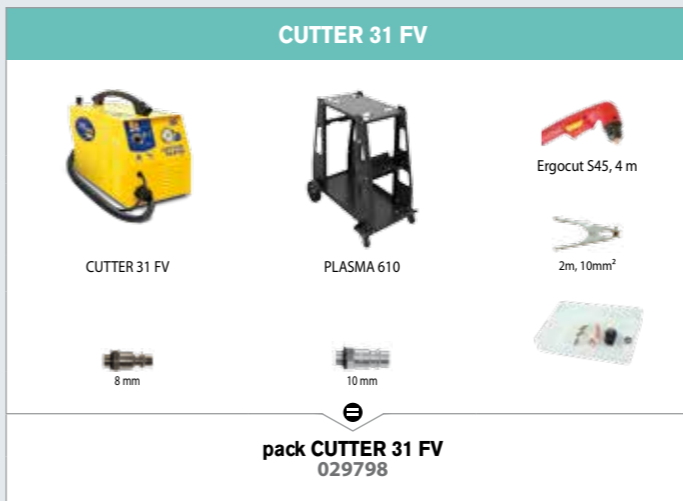
CUTTER 35 KF



CUTTER 35 KF, PLASMA 800, Ergocut S35K, 4 m, 2m, 10mm²

pack CUTTER 35 KF 029804

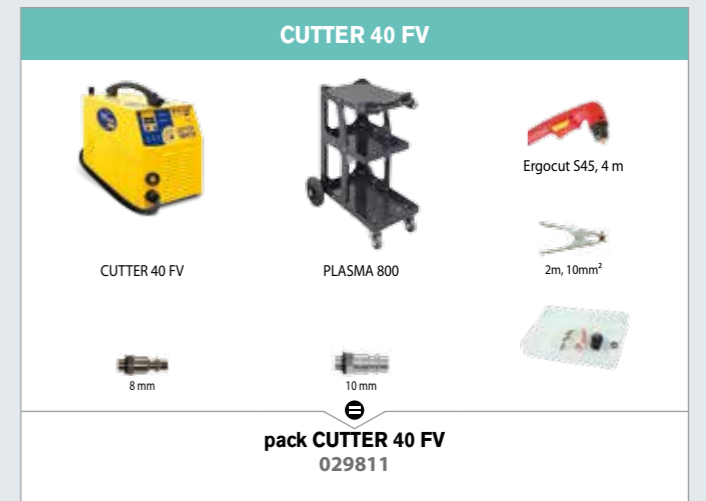
CUTTER 31 FV



CUTTER 31 FV, PLASMA 610, Ergocut S45, 4 m, 2m, 10mm², 8 mm, 10 mm

pack CUTTER 31 FV 029798

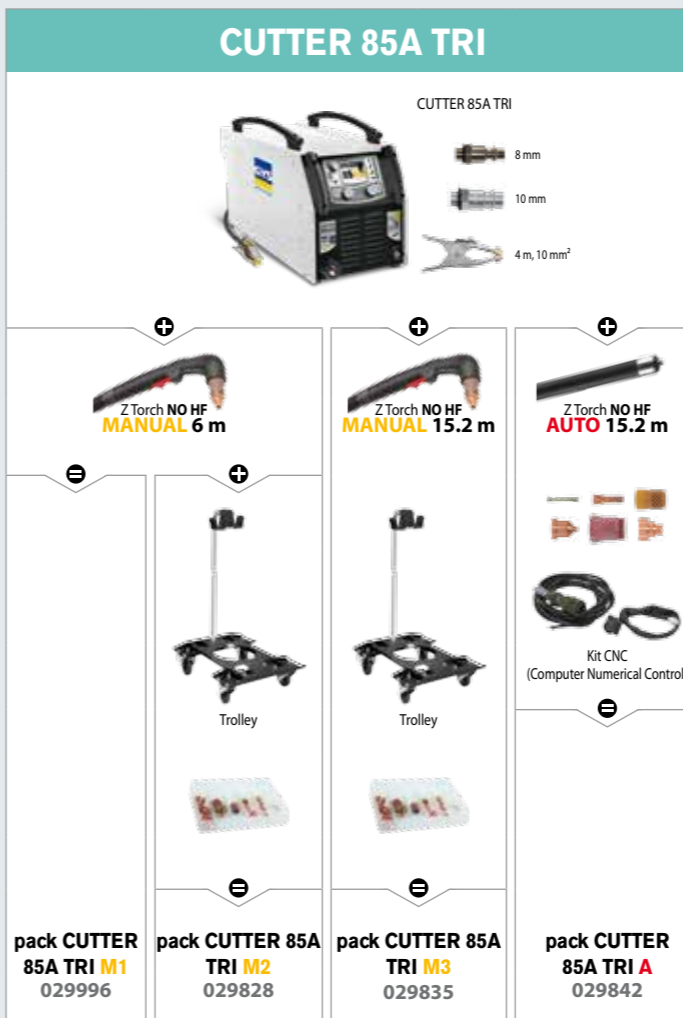
CUTTER 40 FV



CUTTER 40 FV, PLASMA 800, Ergocut S45, 4 m, 2m, 10mm², 8 mm, 10 mm

pack CUTTER 40 FV 029811

CUTTER 85A TRI



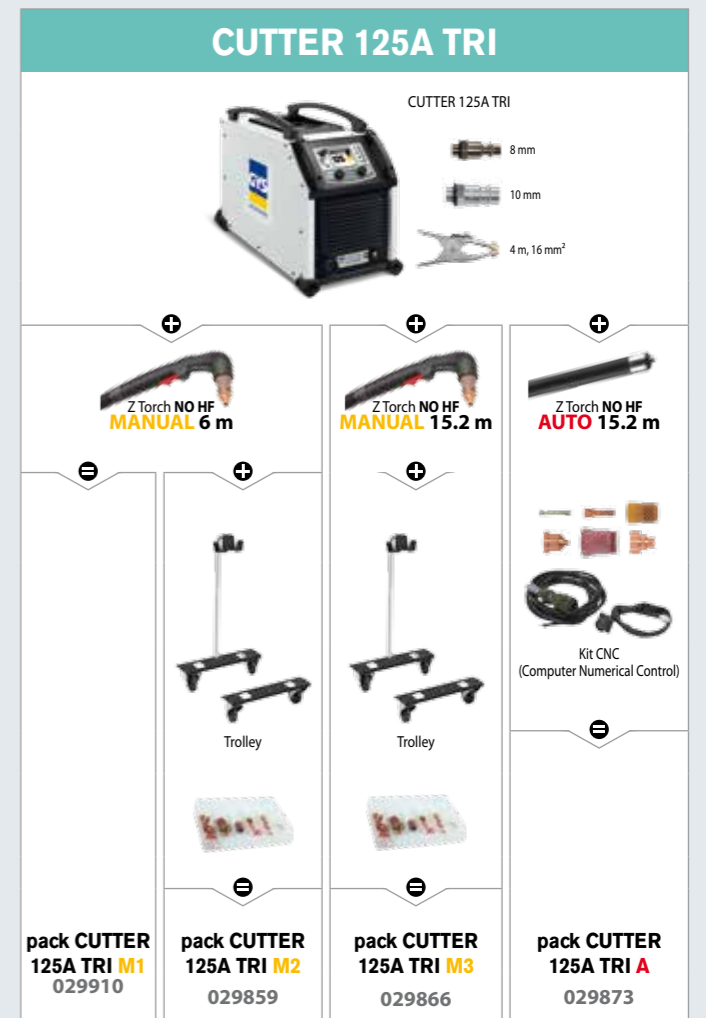
CUTTER 85A TRI, 8 mm, 10 mm, 4 m, 10mm²

Z Torch NO HF MANUAL 6 m, Z Torch NO HF MANUAL 15.2 m, Z Torch NO HF AUTO 15.2 m

Trolley, Kit CNC (Computer Numerical Control)

pack CUTTER 85A TRI M1 029996, pack CUTTER 85A TRI M2 029828, pack CUTTER 85A TRI M3 029835, pack CUTTER 85A TRI A 029842

CUTTER 125A TRI



CUTTER 125A TRI, 8 mm, 10 mm, 4 m, 16mm²

Z Torch NO HF MANUAL 6 m, Z Torch NO HF MANUAL 15.2 m, Z Torch NO HF AUTO 15.2 m

Trolley, Kit CNC (Computer Numerical Control)

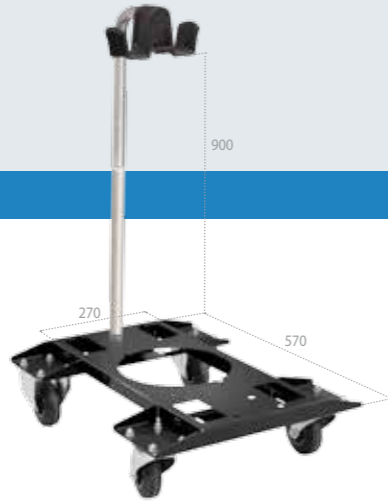
pack CUTTER 125A TRI M1 029910, pack CUTTER 125A TRI M2 029859, pack CUTTER 125A TRI M3 029866, pack CUTTER 125A TRI A 029873

TROLLEYS

SKATES



1
040977



2
Special CUTTER 85A TRI
039933



3
Special CUTTER 125A TRI
039575



10 m³

4
for TIG 250 AC/DC
040960

SPECIAL PLASMA



5
PLASMA 610
↳ 574 x 618 x 386 mm
040298



6
PLASMA 800
↳ 675 x 810 x 470 mm
040120

CHARIOTS - Trolleys - Fahrwagen



4 m³

7
WELD 610
↳ 773 x 616 x 425 mm
040281



10 m³

8
↳ 845 x 982 x 605 mm
033931



10 m³

9
10m³-XL/TM1
↳ 666 x 1032 x 484 mm
041257



10 m³

10
10m³-XL/TM2
↳ 912 x 910 x 507 mm
039711

NEW 2016



10 m³

11
↳ 1150 x 1200 x 515 mm
032736

DIABLES - Sack truck



4 m³

12
Diablo 4m³
↳ 500 x 1060 x 450 mm
015678



10 m³

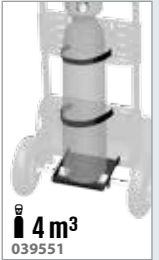
13
Diablo 10m³
↳ 550 x 1115 x 525 mm
039704



4 m³

14
Diablo JOBSITE XL
↳ 600 x 1150 x 584 mm
039568

OPTION



4 m³
039551

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16A	16B	17	18	19	20		
MMA	PROGYS CEL 250TRI																						
	PROGYS FLEX 250 CEL																						
	EXAGON 400																						
TIG	TIG 160 DC lift																						
	TIG 168 DC HF																						
	TIG 200DC HF FV																						
	TIG 300 DC HF																						
	TIG 207 AC/DC-HF FV																						
	TIG 208 AC/DC-HF																						
	TIG 220 AC/DC-HF																						
	TIG 250 AC/DC-HF				✓																		
	MultiPEARL 200-2																						
MultiPEARL 200-4 XL																							
MIG	WS-4R	✓																					
	WS-4L	✓																					
	EXAGON 400																						
	NEOPULSE 270-T1																						
	NEOPULSE 270-T2																						
	NEOPULSE 300																						
PLASMA	CUTTER 25 K																						
	CUTTER 35 KF	✓																					
	CUTTER 31 FV																						
	CUTTER 40 FV	✓																					
	CUTTER 85A TRI		✓																				
	CUTTER 125A TRI			✓																			

GROUPES DE REFROIDISSEMENT - Cooling units



15
WCU 0.4kW A
<200A, 230 V, 400W
cooling unit (1.25l)
only for 230V
041271



17
EXACOOOL
1000 W cooling unit (5.5l)
17kg
68 x 23 x 30 cm
032422



16A
WCU 1kW A
1000 W cooling unit (3l)
8.6kg
039773



18
NEOCOOL
1000 W cooling unit (5.5l)
17kg
68 x 23 x 30 cm
032750



19
WCT 1.3kW A
400 V, 2~
1300 W,
cooling unit (5l)
020344



20
WCT 1.3kW C
230 V, 1~
1300W,
cooling unit (5l)
032781

OPTIONS



Potence
-Cable support
for WCT
032842



CORAGARD
CS 330 (10L)
052246

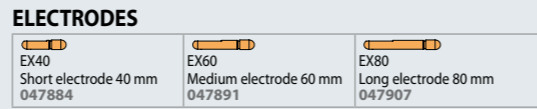
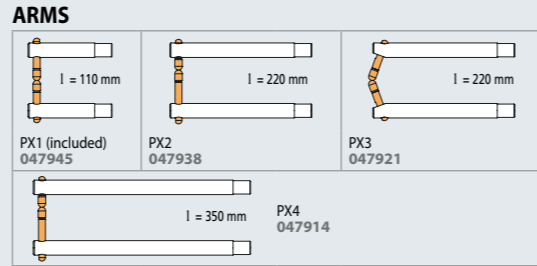
SPOT WELDING 230 V



PORTASPOT 230
6 300 A
120 daN

delivered with PX1 : 022256

50/60 Hz	A	A	A	mm	V	← Cable →	100% CU	↕ (no arm) cm	kg
1 x 230V	16(D)	6 300	8 900	2+2	2.5	2.5 3x2.5 H05VVF	OK	36 x 29 x 10	10



CE NORM EN60335-1	50 Hz	A	W	kHz	Liquid Cooling	Cable L (m)	Induc tor	cm	kg
POWERDUCTION 50L	230V 1~	25 mini	5 200	20+40	•	8	3	103x57 x50	65
POWERDUCTION 160L	400V 3~	25 mini	16 000	15	•	10	4	120x60 x50	190

liquid cooling
POWERDUCTION 50L
5 200 W

liquid cooling
POWERDUCTION 160L
16 000 W

no accessories : 053410

no accessories : 053472

LUNETTES DE PROTECTION - Protection goggles - Schutzbrillen

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



Shade/IR0 042810

Shade/IR0 042827

Shade/IR5 042841

Shade/IR0 042865

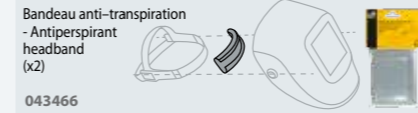
Soudure chalumeau - Torch welding - Soldadura con soplete - Autogenschweißen

Shade/IR5 042803

Shade/IR5 042858

HELMETS

TEINTE SHADE 11



HAND MASK 11
MMA · TIG · MIG/MAG : 25 A - 175 A

HAND MASK
042209



MANUAL 0/11
MMA · TIG · MIG/MAG : 25 A - 175 A

FLIP FLAP
042513



LCD 11

MMA · TIG · MIG/MAG : 10 A - 175 A

LCD TECHNO 11
042537



LCD MASTER 11
043442



LCD EXPERT 11
040755



BRAND MASK	MODEL	LCD AUTOMATIC TECHNOLOGY	mm	Teinte/Shade	ms	Adjustable Sensitivity	Delay	Energy	Grind	Classification	g	VERRES - Lense - Schutzgläser					
												EXTERNAL		INTERNAL			
Gys	HANDMASK	042209	92x36	11	—	—	—	—	—	—	400	105x50	x50	042629	105x50	x50	042643
Toolit	FLIP FLAP	042513	97x80	11	—	—	—	—	—	—	425	110x90	x5	040816	110x90	x5	040762
Toolit	LCD TECHNO 11	042537	98x35	11	0.6	—	—	☀	—	1/2/1/2	420	110x90	x5	040816	102x40	x5	040830
Top Arc	LCD MASTER 11	043442	100x49	11	0.5	—	—	☀	—	1/1/1/2	430	110x90	x5	040816	104x55	x5	040847
Toolit	LCD EXPERT 11	040755	100x49	11	0.5	—	—	☀	—	1/1/1/2	470	119x98	x5	040823	104x55	x5	040847



HELMETS

TEINTE SHADE 9/13

EN 175-EN 379



LCD TECHNO 9/13 042544 **LCD MASTER 9/13 G** 040861 **LCD PROMAX 9/13 G GOLD** 045767 **LCD PROMAX 9/13 G SILVER** 045774 **LCD EXPERT 9/13 G CARBON** 040878 **LCD EXPERT 9/13 G** 042216 **ERGOTECH 5-9/9-13 SILVER** 044173 **ERGOTECH 5-9/9-13 BLACK** 045477



LCD HERMÈS SILVER 040908 **LCD HERMÈS RED** 040885 **LCD HERMÈS GOLD** 040892 **LCD ZEUS 5-9/9-13 G FIRE** 044098 **LCD ZEUS 5-9/9-13 G COSMIC** 044104



NEW 2016
GYSMATIC 9/13 G 043909 **GYSMATIC 5/13 XL** 046818 **LCD SPACEVIEW 5-9/9-13** 040717

LCD AUTOMATIC TECHNOLOGY	BASIC		PRO		PRO +		PRO +		EXPERT		EXPERT +	
MODEL	TECHNO	MASTER	PROMAX	EXPERT	HERMES	ZEUS	ERGOTECH	GYSMATIC	SPACEVIEW	NAVITEK		
REF	042544	040861	(gold) 045767 (silver) 045774	(carbon) 040878 (blue) 042216	040908 (silver) 040885 (red) 040892 (gold)	(fire) 044098 (cosmic) 044104	(silver) 044173 (black) 045477	043909 046818	040717	045842 +G VISOR 045835 +G VISOR / DIGITAL		
□→■	0.30 ms	0.30 ms	0.25 ms	0.30 ms	0.30 ms	0.20 ms	0.20 ms	0.08 ms	0.10 ms	0.10 ms	0.20 ms	0.10 ms
▨	4 - 9 > 13	4 - 9 > 13	4 - 9 > 13	4 - 9 > 13	4 - 9 > 13	5 > 9 9 > 13	5 > 9 9 > 13	4 - 9 > 13	4 - 5 > 13	5 > 9 9 > 13	9 > 13	5 > 8 9 > 13
↻	1/2/1/1	1/2/1/2	1/1/1/2	1/1/1/2	1/1/1/3	1/1/1/2	1/1/1/2	1/1/1/2	1/2/1/1	1/1/1/2	1/1/1/2	
MEMORY & REGULATIONS								ELECTRONIC				
↔	92x42 mm	92x42 mm	100x49 mm	98x43 mm	98x43 mm	XL : 100x67 mm	XL : 100x67 mm	100x60 mm 100x83 mm	XXL : 100x93 mm	93 mm	XL : 100x50	
)))	2	2	2	2	2	4	4 HIGH SENSITIVITY	4 HIGH SENSITIVITY	4 HIGH SENSITIVITY	4 HIGH SENSITIVITY		
↻		✓	✓	✓	✓	✓	✓	✓	✓	✓		
□→■ HF							✓	✓	✓	nc		
⚡	☀	☀	☀	☀ + 2 🔋 (CR 2032)	☀ + 2 🔋 (CR 2032)	☀ + 2 🔋 (CR 2450)	☀ + 2 🔋 (CR 2450)	☀ + 2 🔋 (CR 2450) ☀ + 1 🔋 (CR 2450)	☀ + 2 🔋 (CR 2032)	☀ + 2 🔋 (CR 2330)		
🔧	Simple	Simple	Simple	Simple	Simple	Simple	Multi	Simple	Multi	Simple		
👤	440 g	450 g	385 g	510 g	510 g	515 g	560 g	450 g 460 g	530 g	590 g	621 g	
LABEL	TOOLiT	TOP ARC	TOOLiT	TOOLiT	TOOLiT	TOOLiT	TOP ARC	GYS		TOOLiT	GYS	



NAVITEK 5-8/9-13 +G VISOR/DIGITAL 045835
NAVITEK 9/13 +G VISOR 045842
 Air 180 & 220l / min
 Visor (x5) 045828
 Filter x10 045859
 Filtration class EN 12941 : TH2 P R SL
 045866

VERRES - Lense - Schutzgläser

110x90	x5	040816	116x89.5	x5	040779	226x106	x5	045781	111.2x91	x5	040793	111.2x91	x5	040793	114x133	x10	043893	114x133	x10	043893	114x133	x10	043893	114x133	x10	043893	110x97	x10	045798
95.5x50.5	x5	040854	103.5x53	x5	040786	104x55	x5	040847	103.6x54	x5	040809	103.6x54	x5	040809	103.7x69.5	x5	043695	103.7x69.5	x5	043695	G : 106x66	x10	043886	104x96	x5	043596	98x47	x10	045804
																		XL : 106x89.5	x10	046825				103x53	x10	045811			

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

Class M0

NEW 2016 **NEW 2016**

	PROTEC 550	PROTEC 1200	PROTEC 1300	PROTEC 1300L
Protection	M0	M0	M0	—
temperature	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/m ²	580	1200	620	420
ref	050495	050204	053595	060500

Toile anti-feu - Fire blanket 1.2 x 1.2 m 060494

ÉCRANS DE PROTECTION - Welding curtain and frame - Schweißerschutzwand

EN 25980 : 2015-01

NEW 2016 **NEW 2016** **NEW 2016** **NEW 2016**

	A	B	C	D
Protection	Orange CE	Green T9	Orange CE	Orange CE
↕ mm	2000 x 2000	2000 x 2000	2000 x 2150	1600 x 1400
Norm	EN 25980:2015-01	EN 25980:2015-01	EN 25980:2015-01	EN 25980:2015-01
ref	060227	060463	060470	060487

MAGNET - Schweißmagnet

(x2) 052291

MASQUES RESPIRATOIRES JETABLES - Disposable respirators - Einweg - Atemschutzmaske - Máscaras respiratorias desechables

FFP1 (x20) EN 149-2001 043916

FFP2D-OV M/L (x5) EN 149-2001 043923

CABINE DE SOUDAGE - Welding booth - Schweißstand

↕ 590 x 450 x 1000 mm 060050

Compact ↕ 400 x 400 x 500 mm 060173

GANTS DE SOUDAGE - Welding gloves - Handschuhe - Guantes

Heavy Duty T10 (MMA - MIG - Plasma) 045101

EN388:2003 4244

EN12477:2001 4244XX

Gants de soudage Renforcés - Reinforced welding gloves T10 045873

Gants de soudage Aluminisés - Aluminium coated welding gloves T10 045880

EN388:2003 3223

EN407:2003 413244

Gants PRO TIG T10 045194

EN388:2132

EN407:322XXX

Gants PRO TIG EXTRA T10 045323

GANTS DE MANUTENTION - Handling gloves - Handschuhe - Guantes

EN388:4343

Anti coupe - Anti-cut T9 045897

✓ écran tactile - touch screen friendly

Anti coupe haute résistance - High resistance anti-cut

EN 420 EN 388:3131

T9: 045910

T10: 045927

Anti coupe haute dextérité - High dexterity anti-cut

EN 420 EN 388:3111

T9: 045903

T10: 045934

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

045200

PRO 045217

CAGOLE TEXTILE DE PROTECTION - Fireproof hood - Textil-Schweißerschutzhaube - Máscara de protección

EN 470 EN 11611 045224

KITS DE PROTECTION - Protection kits

Lot de 1^{er} Équipement du soudeur - Starter welding kit - Schweißserkit für Einsteiger 070493

Lot Équipement professionnel du soudeur - Professional kit - Prof-Schweißserkit 070561

MANCHETTES DE SOUDEUR - Welding sleeves - Schweißärmel - Mangas protectoras

450mm

Class 2-A1

045231

VESTE - Jacket - Jacke

EN ISO 11612:2008 A1+A2-B1-C1-E3-F1

EN ISO 11611:2007 Class 2-A1 & A2

IEC 61482-2:2009 Class 1-4kA

EN 1149-5:2008

EN 14404:2004 +A1:2010 Type 2

98% cotton, 2% antistatic

S (40/42) 046313

M (44/46) 046320

L (48/50) 046337

XL (52/54) 046344

XXL (56/58) 046351

PANTALON - Trousers - Hose

EN ISO 11612:2008 A1+A2-B1-C1-E3-F1

EN ISO 11611:2007 Class 2-A1 & A2

IEC 61482-2:2009 Class 1-4kA

EN 1149-5:2008

EN 14404:2004 +A1:2010 Type 2

98% cotton, 2% antistatic

M (44/46) 046375

L (48/50) 046382

XL (52/54) 046399

XXL (56/58) 046412

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



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



12L/min
041820



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



30L/min
(Argon/CO₂)
(FR) 041622
(UK) 041646
(DE) 041219
(NL) 041615



OPTIMAPRO
30 L/min
(Argon/CO₂)
(FR) 043619
(DE) 043633
(UK) 043626
(NL) 043640

CARTOUCHES DE GAZ

- Disposable bottles - Einweggasflaschen



	composition %		material	L	ref.
	Ar	CO ₂			
AR/CO ₂ 1.8 L	80	20	Acier-Steel - Stahl	1.8 (150L)	043664
AR/CO ₂ 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

for CO₂ pur or CO₂/Ar
230 V
power : 25 W
max pressure : 200 bar
IP 44
1.5 kg

(FR & DE) 046511

NEW
2016



LIQUIDE ANTI-GRATTONS

- Anti spatter fluid
- Antihafmittel



10L
054134

PULVÉRISATEUR MÉTALLIQUE

- Metallic spray bottle
- Metallische Sprühflasche



054127

PÂTE ANTI-ADHÉRENTE

- Anti spatter paste
- Antihaf-Paste



300g
054110

SPRAY PROTECTION CÉRAMIQUE

- Ceramic protective spray
- Keramisches Schutzspray



054141

RACCORDS GAZ - Gas connector

- Gasanschlüsse



x2
045712

Ø 9 mm
x1
046245

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

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

NEW
06/2016



	MAGNETIC P15.90	MAGNETIC P16.90	MAGNETIC P19.90	MAGNETIC P20.180	MAGNETIC D36.90	MAGNETIC D50.90 DUAL	MAGNETIC D50.90	MAGNETIC D70.90M	MAGNETIC D70.120M	MAGNETIC D70.135M
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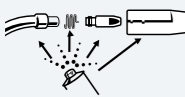
Classic

Switchable ON/OFF

	15 kg	16 kg	19 kg	20 kg	36 kg	50 kg	50 kg	70 kg	70 kg	70 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
Ref.	047044	044180	044203	044302	044197	047051	047075	047068	047082	047099

SPRAY PROTECTEUR (SANS SILICONE)

- Anti-spatter spray (without silicone)
- Antihafspray (Ohne Silicon)



041806

PINCES ÉTAU - Self-locking pliers - Gripszangen



(x16 = -3 +3 +5 +5)
050266



(x6)
050112

ASPIRATEURS DE FUMÉE - Fume Extraction Systems - Rauchgasabsauggerät

pour torches aspirantes - for fume Extraction Torches



PHV
• 230V / 1 ~ / 50 Hz
• 2 x 1000 W
• AUTOMATIC ON/OFF
039896

OPTIONS

039889

039872

Filtere - Filter
039865

• 230V / 1 ~, 1100 W
• 200 m³/h max
• 190 mbar max
• 26 kg, 390 x 210 x 500 mm
• 71 db

• Système de nettoyage automatique du filtre - Filter auto cleaning system - Automatische Filterabreinigung

Automatic ON/OFF 043237
Manual 043244

100 m³/h



2.5 m (included)
5 m (included) 040656
040649 (included)

MFD435

• 400V / 3 ~ / 50 Hz
• 750 W
• 1300 m³/h max
• cable : 6 m

039858



Filtere - Filter (included)
039841

EVO 2.1

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

046474

Breveté - Patented



230 V connection

792 mm

347 mm

Filtere - Filter (included)
046498

UNI 2.0

• 400V / 3 ~ / 50 Hz
• 1100 W
• 1300 m³/h max
• arm 3 m
• no plug
• 100 kg
• extraction 0.5 m/s

046443



Filtere - Filter (included)
046467

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



Details p.50

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

AIR LIQUID

150 A 250 A 350 A 500 A

original equipment	M6	M6	M8	M8
	Ø0.8	Ø1.0	Ø1.2	Ø1.2
X % 40°C - ArCO ₂	150A - 60%	200A - 60%	290A - 60%	380A-100%
GRIP	GRIP	GRIP	GRIP	GRIP
L	3m	3m	4m	4m
Ref.	043251	040540	040557	040564

MASQUE DE SOUDURE VENTILÉ - Ventilated helmet



NAVITEK 5-8-9-13 +G VISOR/DIGITAL
045835

NAVITEK 9/13 +G VISOR
045842

Details p.63

SOUDAGE À L'ÉTAÏN - Soft Soldering

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 29453	Sn	Pb	Cu		
TIN LEAD Étain-Plomb	SnPb60	S-Sn40Pb60	40 60	—	183-238	integrated	2	50	100	250	046610 046627 047136	
						integrated	1.5	50	100	250	046641 046658 047129	
						integrated	1	50	100	250	046665 046672 047112	
TIN COPPER Étain-Cuivre	SnCu3	S-Sn97Cu3	97	—	3	227-310	external (ref.040549)	2	50	100	250	046689 046696 047143

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

LAMPES À SOUDER PROFESSIONNELLES - Professional heating torches

PIEZO START
Lampes à souder percable à 1 brûleur
- Pierceable blow torch with 1 burner
040342

LIGHTER START
Lampe à souder, soupape de sécurité
Blow torch, safety valve
040359

Lampe à souder percable à 2 brûleurs
- Blow torch, with 2 interchangeable burners
052741

CARTOUCHES DE GAZ - Gas Cartridges

Model	Connection	composition %			360°	T°	Norms	ml	g	ref.
		butane	propane	propylene						
A	Pierceable	■	—	—	—	EN417:2012	360	190	040410	
B1	European fitting 7/16"	■	■	—	—	EN41:2012 UN 2037	600	390	040427	
B2		■	■	■	—	EN417:2012 UN 2037	600	450	040434	
B3		■	■	■	foam	EN417:2012 UN 2037	380	220	040441	

BAGUETTES - Rods - Lötstäbe

	Norms		Composition %						T° fusion °C	Décapant - Flux	Ø mm	L mm	X...	Ref.	
	DIN 8513	EN	Ag	Cu	Zn	P	Iron	Other							
Cuivre/Phosphore - Copper/Phosphorus	L-Cu P 6	EN1044-CP 203 EN 17672-Cu P 179	—	94	—	6	—	—	710-880	paste (ref. 047440)*	2	333	5	047181	
												25	25	047198	
												500	25	047204	
Cuivre/Phosphore/Argent - Copper/Phosphorus/Silver	L-Ag 5 P	EN1044-CP 104 EN 17672-Cu P 281	5	88.8	—	6.2	—	—	645-810	paste (ref. 047440)	2	333	5	047228	
												333	2	047235	
												500	4	047242	
Argent 12% enrobée - Coated silver 12%	L-Ag 12	EN1044-Ag 207 EN 17672-Ag 212	12	48	40	—	—	—	Si 0.2	800-830	—	1.5	333	2	047266
Argent 40% - Silver 40%	L-Ag 40Sn	EN1044-Ag 105 EN 17672-Ag 140	40	30	28	—	—	—	Sn 2	640-700	paste (ref. 047440)	2	333	2	047273
Argent 45% enrobée - Coated silver 45%	L-Ag 45Sn	EN1044-Ag 104* EN 17672-Ag 145	45	27	25	—	—	—	Sn 3	640-680	—	1.5	333	2	047259
Laiton - Brass	L-Cu Zn40	EN1044-Cu 301 EN 17672-Cu 470a	—	60	40	—	—	—	Si 0.25	890-900	powder (ref. 047457)	270	6	040472	
												333	5	047280	
												500	8	047297	
Laiton enrobée - Coated brass	L-CuNi10 Zn42	EN1044-Cu 305 EN 17672-Cu 773	—	48	41.8	—	—	—	Ni 10 - Si 0.2	920-935	—	2	500	8	047303
Bronze	—	—	—	58	40	—	—	—	Ni 0.3 - Mn 0.6 - Si 0.2	—	powder (ref. 047457)	270	6	040489	
												2	2	047815	
Alu Zn Al 2	—	EN 1044	—	—	98	—	—	—	Al 2	375-388	integrated	2	500	2	047433
Acier cuivré	—	EN12536:0 II	—	0.15	—	0.012	98	—	Si 0.2 - Mn 1	1 500	—	1.6	333	10	047150
												2	333	10	047167
												2	500	10	047174

Décapant - Flux
Pate pour Cu/P/Ar - Paste for Cu/P/Ar
T° work 500-800 °C, 100g
047440
Poudre pour laiton - Powder for brass
T° work 800-1000 °C, 100g
047457
* not for Cu/Cu brazing

CHALUMEAUX - Torches

Chalumeau soudeur - Welding torch (type SO)
039001
capacity : 0,4 > 4 mm
L = 330 mm
320 g
oxygene/acetylene

Chalumeau soudeur/coupeur - Welding/cutting torch (type SCO G)
039018
Capacité de soudage - Welding capacity : 0,4 > 4 mm
Capacité de coupage - Cutting capacity : 50 mm max
L = 320 mm
450 g
oxygene/acetylene
included
2 heads for cutting (7/10 & 10/10)

Kit complet chalumeau soudeur - Complete welding torch kit (type SO)

039117
capacity : 0,4 > 4 mm
included x3
40 L + 60 L + 100 L
oxygene/acetylene (welding)
oxygene/acetylene or oxygene/propane (cutting)

Étoile 7 becs - 7 torches nozzles kit
40 > 400L/h
039025

Lot anti-retour pare flamme OX/AD - Flameproof non-return valves kit EN 730-1
for Ø 6,3 or 10 mm
x2
039070
x4 - for Ø 6,3 mm (ID)

Raccords rapides OX/AD - Quick release connectors OX/AD EN 730-1
039087
x4 - for Ø 6,3 mm (ID)

DÉTENDEURS - Pressure reducing valves

EN 585/ISO 2503
Oxygene 5 m³/h
039032
Acetylene 1 m³/h
039056
NEW 2016

KIT TUYAUX - Hoses kit

EN 559/ISO 3821
Kit OX + AD
2 x 4 m
Ø 6,3 mm
039094
x8
NEW 2016

CHARIOT - Trolley

NEW 2016
for 1 m² OX & AD
950 x 350 mm
039100

POSTE BIGAZ - Soldering/Brazing kit - Autogenschweißset

040366
Oxikit
1.5m
3 100°
included
Oxygene - Oxygen bottle 1101
040458
Novacet 600 ml/330g
040434

KIT CHALUMEAU 3 BRULEURS - Blow torch kit - Schweißbrenner set

040328
Ø 17 mm
1.5m
butane

TAMPONS DE NETTOYAGE AVANT BRASAGE - Abrasive for cleaning surface before brazing

x5
047563
NEW 2016

BRIQUET À TASSE - Cup lighter

040403

LUNETTES DE PROTECTION - Protection goggles - Schutzbrillen

Shade/RS
042803
Shade/RS
042858

CHALUMEAU RÉGLABLE - Asphalt torch with burner - regelbarer Schweißbrenner

040335
PIEZO
60 cm
Ø 60 mm
butane/propane

VALISE D'ÉTALONNAGE - Calibration set

EN 1090 & EN 50 504

Étalonnage et validation des postes de soudure sous les normes EN 1090 & EN 50 504
- Calibration and validation of welding units according to standards EN 1090 & EN 50 504

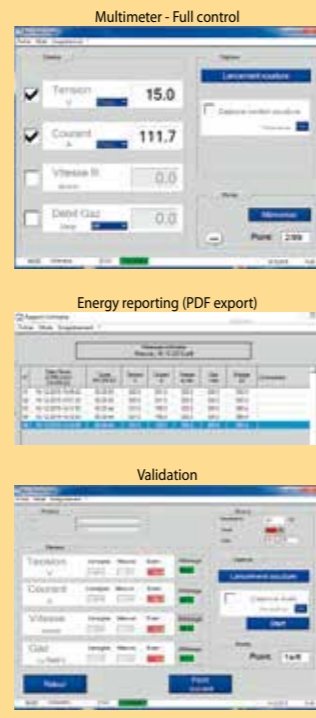


NEW
04/2016

GCU 1.0
060456



SOFTWARE INCLUDED 4 languages (FR/EN/DE/ES)

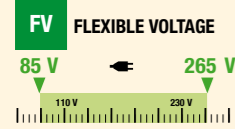


INCLUDED CONNECTIONS GCU 1.0 > WELDING UNIT



OPTIONS

Tachymètre vitesse fil pour MIG/MAG
- Wire Speed Meter
- Geschwindigkeitsmesser für MIG/MAG Draht
060517



Parameters (precision)		⊕	All gas	↓/▲	⚙️	IP
U	I	⊕	↓/▲	⚙️	⚙️	IP
TRMS / Moy / Instant	TRMS / Moy / Instant	1 > 30 m/min (± 1%)	1 > 30 L/min (± 5%)	21 x 43 x 57 cm	12 kg	67
1 > 120 V (± 0.5%)	1 > 500 A (± 0.5%)					

CHARGES D'ÉTALONNAGE - Calibration units - Lichtbogen-Last-Simulator



NEW
04/2016

	A	B
LOAD 320A-100%	320 A @ 100% (MIG)	550 A @ 50% (MIG)
MMA	MMA : 5>370 A	10>600 A
TIG	(x1) 5>180 A, (x2) : 5>370 A	10>300 A
MIG/MAG	5>320 A	10>550 A
X%	100%	50%
↓/▲	550 x 590 x 630 cm / 27 kg	60 x 27 x 50 cm / 16 kg
	060418	060425



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

CABLE
Rallonge câble, connexions texas (mâle + femelle)
1.3 m 95 mm² 033689
5 m 95 mm² 032439
10 m 95 mm² 032446

CONTRÔLE DU GÉNÉRATEUR - Generator control - Geräteprüfung



Tachymètre vitesse fil pour MIG/MAG
- Wire Speed Meter
- Geschwindigkeitsmesser für MIG/MAG Draht
max 99.9 m/min
+/- 0.05 m/min
053953



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



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

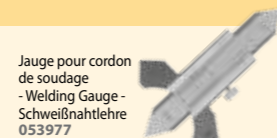


Dynamomètre, peson mécanique
- Dynamometer
- Kraftmesser, mechanische Federwaage
max 10 kg
+/- 10 g
053960

CONTRÔLE DE PIÈCES - Metal control - Werkstückprüfung



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



Jauge pour cordon de soudage
- Welding Gauge
- Schweißnahtlehre
053977



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

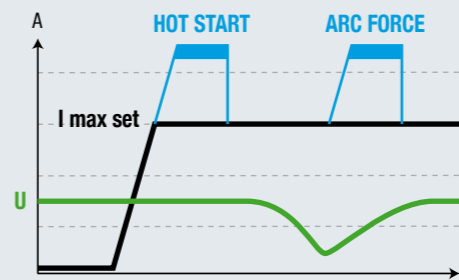
TECHNOLOGIES

HOT START
HS 60%

ARC FORCE
HS 90%

HOT START adjustable
0% < + 60% or + 90%

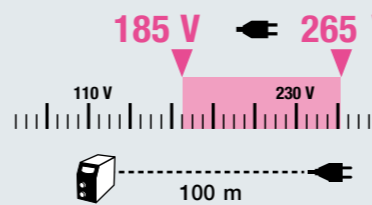
ARC FORCE adjustable
0% < + 100%



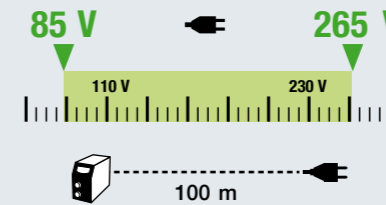
ANTI STICKING



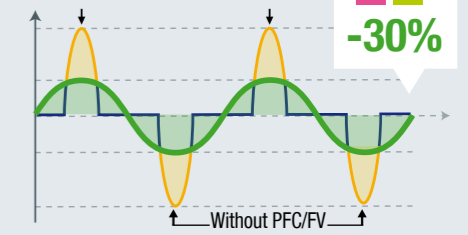
PFC POWER FACTOR CORRECTION
Correction de facteur de puissance



FV FLEXIBLE VOLTAGE
Dynamique d'alimentation



ENERGY SAVING
Gain de consommation

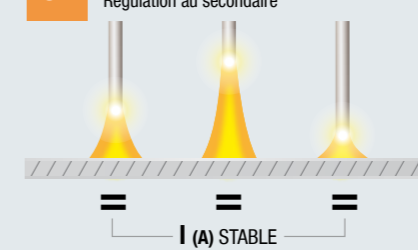


P400 PROTEC 400

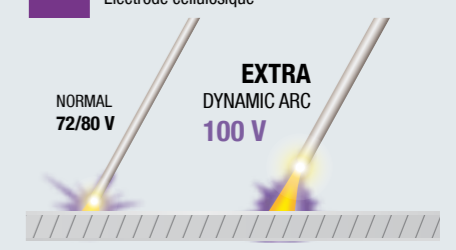


Tested on 400 V in production
Testé en production à 400 V

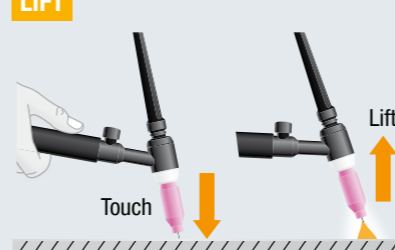
SR SECONDARY REGULATION
Régulation au secondaire



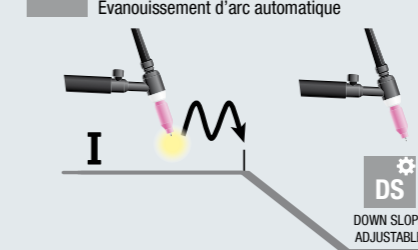
CEL CELLULOSIC ELECTRODE
Électrode cellulosique



TIG LIFT



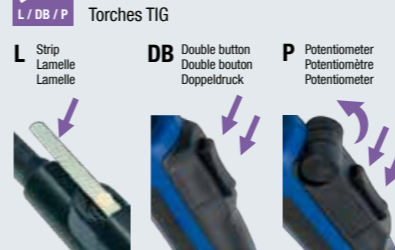
ADS AUTO DOWN SLOPE
Évanouissement d'arc automatique



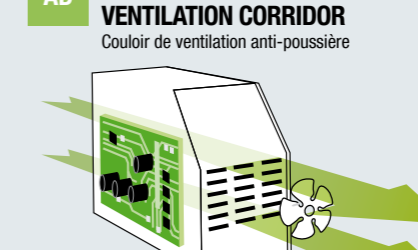
ADJUST IDEAL POSITION
Aide au positionnement



TIG TORCHES
Torches TIG



AD ANTI-DUST VENTILATION CORRIDOR
Couloir de ventilation anti-poussière



VT VOLTAGE TEST
Test de tension





TRAINING CENTRE

Formations agréées - Ref. 52 53 0068153



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