



MADE IN FRANCE
MANUFACTURER SINCE 1964



INVEST IN THE FUTURE



Welding & Cutting

Soudage & Coupage • Schweißtechnik Katalog
Catálogo de Soldadura

2016

www.gys.fr

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



A family firm since 1964

Une société familiale depuis 1964
Familienunternehmen seit 1964

7 Companies
Sociétés
Gesellschaften

500+ Employees
Employés
Mitarbeiter

110+ Export markets
Pays distributeurs
Länder

www.gys.fr



3 catalogues

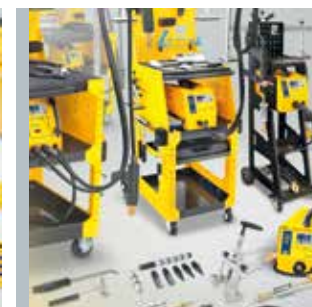
3 catalogues
3 Kataloge



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.

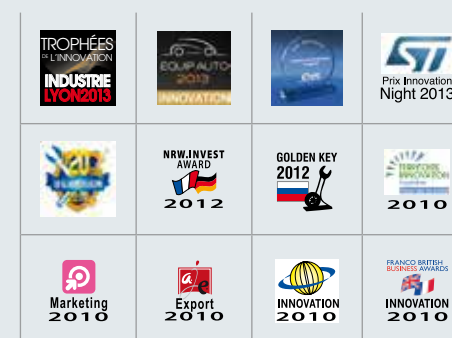
EN Present in over 100 countries, GYS have their head office in France and its five subsidiaries to expand its international influence. Carried by a dynamic team and an ambitious development strategy, we aim to reinforce our international collaborations and constantly conquer new territories.

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



Homologations

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 specialities (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 neusten 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

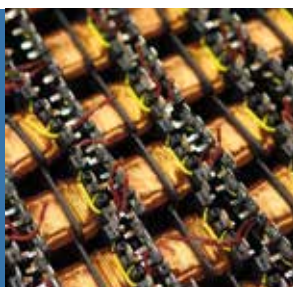
DC _____ 20
AC/DC _____ 22
Complete packs _____ 26
Accessories and consumables _____ 28

MIG/MAG

SMARTMIG _____ 30
EASYMIG _____ 32
PEARL _____ 34
MONOGYS _____ 36
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EXAGON _____ 42
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Complete packs _____ 48
Accessories and consumables _____ 50

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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	EXPERT 220 DV
230V 1~	230V 1~/400V 2~
130 A	220 A
Ø 2+3.2 mm	Ø 2+4 mm



015029



015128

INDUSTRIAL

MASTER 250	MASTER 350	MASTER 450
400V 3~	400V 3~	400V 3~
220 A	320 A	400 A
Ø 2.5+4 mm	Ø 3.2+6 mm	Ø 3.2+6 mm

no accessories, 014930

no accessories, 014954

no accessories, 014916

NEW
2016

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

★ ★ ★ ★ ★ CE NORM. ★ ★ ★ ★ ★ EN60974-1 MADE IN P.R.C			I ₂	EN60974-1 (40°C)	U _o		
	50 / 60 Hz	A	A	I (A)	V	cm	kg
EXPERT 130	230V 1 ~	10	130	60% @ 53 A	48	47 x 24 x 32	18
EXPERT 220 DV	230V 1 ~	25	220	60% @ 90 A	48	48 x 30 x 38	22
	400V 2 ~	13					
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



10/25 mm²



10/25 mm²



10/25 mm²



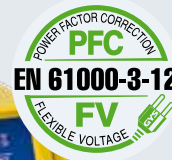
10/25 mm²



10/25 mm²



10/25 mm²



TIG LIFT

TIG LIFT

Lift

Touch

110 V

185 V

265 V

230 V

100 m

110 V

85 V

265 V

230 V

100 m

ADS

AUTO DOWN SLOPE

CE

EN 61000-3-12

GYSMI 80P

80 A

Ø 1.6+2.5 mm



1.6 m, 10 mm²

1.6 m, 10 mm²

029958

030114



1.6 m, 10 mm²

1.6 m, 10 mm²

029941

030107

GYSMI 130P

130 A

Ø 1.6+3.2 mm



029972

030121



+ Flip Flap

014732



+ LCD TECHNO 11

031449

GYSMI 160P

160 A

Ø 1.6+4 mm



030077



+ LCD TECHNO 11

030435



+ LCD TECHNO 9/13

031555

GYSMI 200P

200 A

Ø 1.6+5 mm



030794



+ LCD TECHNO 9/13

031579

GYSMI E160

160 A

Ø 1.6+4 mm



016002



+ LCD TECHNO 11

031456



+ LCD TECHNO 9/13

031548

GYSMI E200 FV

200 A

Ø 1.6+5 mm



031210



+ LCD HERMES 9/13

031531

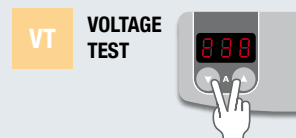
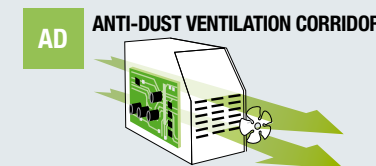
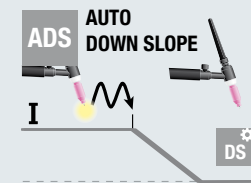
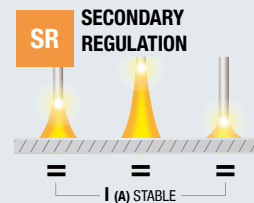
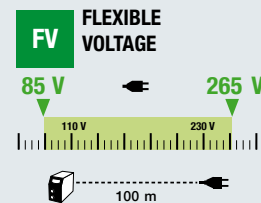
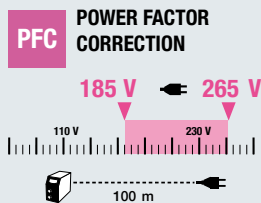
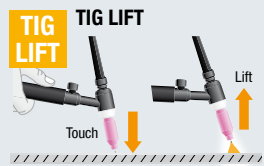
OPTIONS

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



 MADE IN FRANCE CE NORM. EN60974-1	 50 / 60 Hz	 A	I ₂ (MMA) A	I ₂ (TIG) A	 Ø mm	INTEGRATED TECHNOLOGY						 → 20" →  ... # electrode / h						X% GYS (20°C)		EN60974-1 (40°C)		 U ₀	 mm ²	 cm / kg	 cm / kg	 Protected & compatible power generator (+/-15 %)	 MADE IN FRANCE CE NORM. EN60974-1
						P400	HS 	TIG Lift	PFC	FV	ADS	Ø1.6	Ø2	Ø2.5	Ø3.2	Ø4	Ø5			for normal use	I _A (60%)						
GYSMI 80 P	230 V	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	230 V	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	230 V	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	230 V	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	230 V	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	230 V 110V	16 20	200 130	10 → 200 10 → 130	1.6 → 5.0	■	■	■	■	■	■	62	50	47	45	35	64% @ 200 A	120 95	22 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



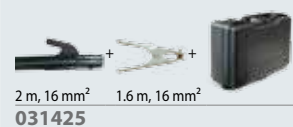
P400

PROGYS 180A

230 V • 1 ~
180 A

Ø 1.6÷4 mm

no accessories :
031838



P400 HS 90% TIG LIFT PFC ADS

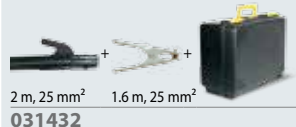
PROGYS 200A PFC

230 V • 1 ~
200 A

Ø 1.6÷5 mm



no accessories :
031845



CEL ALU P400 HS 90% AF 90% TIG LIFT
cellulosic aluminium dynamic arc
electrode electrode system >100V
PFC FV SR ADS VT

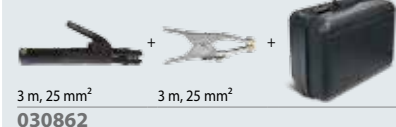
PROGYS 200E FV CEL

110→230 V • 1 ~
200 A

Ø 1.6÷5 mm



no accessories :
031852



HS 100% AF 100% TIG LIFT SR AD ADS

PROGYS 250 TRI

400 V • 3 ~
250 A

Ø 1.6÷5 mm



no accessories :
010147

CEL HS 100% AF 100% TIG LIFT
cellulosic aluminium dynamic arc
electrode electrode system >100V
PFC FV SR ADS VT

PROGYS CEL 250 TRI

400 V • 3 ~
250 A

Ø 1.6÷5 mm



no accessories :
010215

CEL HS 90% AF 90% TIG LIFT
cellulosic aluminium dynamic arc
electrode electrode system >100V
PFC FV SR ADS AD VT FLEX

PROGYS FLEX 250 CEL

110→480 V • 1→3 ~
250 A

Ø 1.6÷5 mm



no accessories :
010239

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

21 x 43 x 57 cm
3.9 kg

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

060432



TIG TORCH KIT SR17 V (valve)

4 m

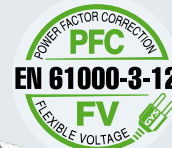
for PROGYS (10/25 mm²):
✓ 180A
✓ 200A PFC
044425

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

BINZEL



 MADE IN FRANCE	 EN60974-1	~			I ₂	INTEGRATED TECHNOLOGY										X% GYS (20°C)	EN60974-1 (40°C)					
			50 / 60 Hz	A		A	P400	HS 	AF 	TIG Lift	PFC	FV	SR	ADS	AD		VT	CEL				
PROGYS 180A		1	230 V	32	10 → 180	■	—	—	—	—	—	—	—	—	—	68% @ 180 A	120	25	72	18 x 27 x 14 / 5	7 kW	10 kVA
PROGYS 200A PFC		1	230 V	16	10 → 200	■	■	—	■	■	—	■	—	—	—	64% @ 200 A	120	22	96	21 x 27 x 14 / 5.5	7 kW	
PROGYS 200E FV CEL		1	230 V	16	5 → 200	■	■	■	■	■	■	■	—	■	■	80% @ 200 A	135	25	108	36 x 27 x 16 / 7.5	7 kW	
			110 V	32	5 → 140	—	—	—	—	—	—	—	—	—	—	—	90	40				
PROGYS 250 TRI		3	400 V	16	10 → 250	—	■	■	■	—	■	■	■	—	—	50% @ 200 A	120	15	66	40 x 30 x 16 / 8.6	10 kW	12.5 kVA
PROGYS CEL 250 TRI		3	400 V	16	10 → 250	—	■	■	■	—	■	■	■	■	■	100% @ 200 A	180	25	100	42 x 32 x 21 / 18	10 kW	12.5 kVA
PROGYS FLEX 250 CEL		1 3	110 → 180 V	32	10 → 140	—	■	■	■	■	■	■	■	■	■	100% @ 230 A	220	40	100	44 x 32 x 23 / 18		10 kW
			180 → 300 V	25	10 → 200																	
			300 → 480 V	16	10 → 250																	



6 in 1 MULTIPROCESS INVERTER

EXAGON 400 CC/CV



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

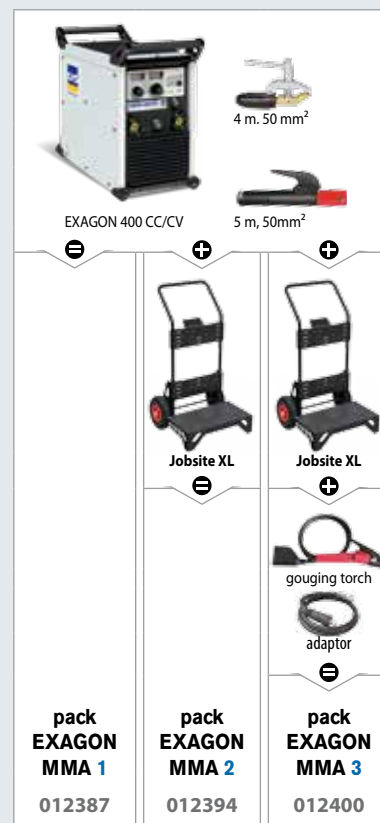
Arcforce/Inductance control

SECURITY
Lock/Unlock parameters

Remote control

10 MEMORIES

PACKS



EQUIPMENT 1 2 KITS MMA

kit	A	L m	model	L m	model	mm ²	mm ²	Ref.
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 600.70	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 - Kohlelektroden -
Electrodes de carbone
Ø 6.4 mm (x50) 086081
Ø 8 mm (x50) 086098

EQUIPMENTS 5 6 MIG : p.42/43

OPTION REMOTE

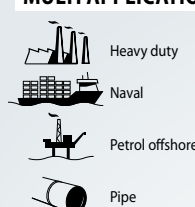
Remote control pedal
4 m - 3 kg
045682



Hand remote control
8 m - 1 kg
045675



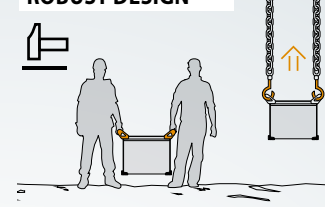
MULTI APPLICATIONS



IP 23



ROBUST DESIGN



MMA PULSE



400 A @ 60%

VRD
Voltage Reduction Device

IP 23

6 in 1 • MULTIPROCESS INVERTER • EXAGON



Filter kit
046580



OPTION TROLLEY
JOBSITE XL
600 x 1150 x 584 mm
039568



NEW
04/2016

Pedal & hand
remote control

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

CEL
cellulose
electrode

HS

AF

MMA
PULSE

TIG
LIFT

SR

AD

EXAGON 400 CC/CV

400 V • 3 ~

5 400 A

no accessories/no trolley :
010925

 MADE IN FRANCE  CE NORM. EN60974-1	<div>~</div> <div><div>I₂ MMA</div><div>I₂ TIG</div><div>I₂ MIG</div><div colspan="7">INTEGRATED TECHNOLOGY</div><div>MMA/TIG/MIG EN60974-1 (40°C)</div><div><div>U₀</div><div><div>cm / kg</div></div><div><div>Protected & compatible power generator (+/-15%)</div></div></div></div>
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

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			



						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)



						kg
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 5d : 26%
 FV : -40°C 60J
 H2-H5 (5 ml/100 g)

ACIER INOXYDABLE - Stainless Steel - Edelstahl

312R



PLASTIC BOX

Position

 Polarity (+)

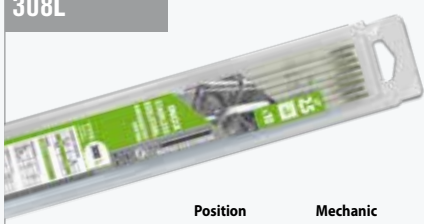
Mechanic
 Re : 450 MPa
 Rm : 680 MPa
 A 5 d : 25%
 FV : -20°C 60J

Dissimilar Electrodes - Maintenance & Repair

						kg
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

						kg
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

						kg
Ø 2.0		12	082359			
Ø 2.5		10	082335			
Ø 2.5		30	081499			
Ø 3.2		8	082342			
Ø 3.2		25	081482			
Ø 3.2		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-CI1
 DIN 8573 : E Ni Fe BG 13

Position

 Polarity (+)

Mechanic
 Re : 390 MPa
 Rm : 550 MPa

						kg
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

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

SHARK

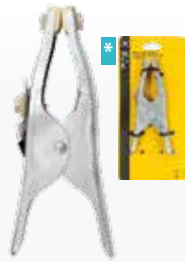
A max A (X%) max x1 (vrac) x1 (blister*) x50 043558						
	SHARK 200.35	SHARK PRO 300.35	SHARK 300.50	SHARK 400.70	SHARK 500.70	SHARK 600.70
	200 A	300 A	300 A	400 A	500 A	600 A
	35 mm²	35 mm²	50 mm²	70 mm²	70 mm²	70 mm²
	200A (35%) 150A (60%)	300A (35%) 250A (60%)	300A (35%) 250A (60%)	400A (35%) 300A (60%)	500A (35%) 400A (60%)	600A (35%) 500A (60%)

PORTE-ÉLECTRODES ASSEMBLÉS - Electrode holder kits - Werksmontiert Elektrodenhalter

	A		L m	 mm²	 mm²		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 500.70	4	50	35 / 50	x1	043879
	600	SHARK 600.70	5	70	35 / 50	x1	047006

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

CROCO

A max A (X%) x1 (vrac) x1 (blister*) x25 043121				
	CROCO 200.35	CROCO 300.70	CROCO 400.70	CROCO 600.95
	200 A	300 A	400 A	600 A
	35 mm²	70 mm²	70 mm²	95 mm²
	200A (35%) 150A (60%)	300A (35%) 250A (60%)	400A (35%) 300A (60%)	600A (35%) 400A (60%)

TYREX

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

MAGNET

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

PINCES DE MASSE ASSEMBLÉES - Earth clamp kits - Werksmontiert Masseklemmen

	A		L m	 mm²	 mm²		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			 mm²	 mm²		Ref.
	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 HELIX 400.70	4 CROCO 400.70	35	35 / 50	x1	047341
	kit 6 500 A	5 SHARK 500.70	4 TYREX 600.95	50	35 / 50	x1	047419
	kit 7 600 A	5 SHARK 600.70	4 TYREX 600.95	70	35 / 50	x1	047426

CÂBLE - Cable - Kabel

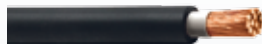


Welding Cable - Schweißkabel

EN 60246-5

H01N2-D

(Caoutchouc - Rubber)



	 L	Ref.
16 mm ²	 x m	046207
	100 m	046252
	 x m	046306
25 mm ²	5 m	 045408
	100 m	046603
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		
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
- Kabelschoen - Terminal

 max	 Ø		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	 Ø	Compatibility		Ref.
DF 25.14	200	32	10/25	14	M8	CM25.14	x 20	045644
DF 70.21	400	49	35/70	21	M10	CM 50.21, CM 70.21	x 10	045637
DF 95.24	500	38	70/95	24	M12	CM 95.24	x 5	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

044234



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

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°	40/60/75/ 90/105/120°	45/75/135°
	—	—	—	—	—	—	—	■	■	■
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
041516Adaptateur gougeage
- Gouging clamp adaptor
95 mm² - 5 m
040670Électrodes de gougeage - Gouging - Electrodes
- Kohleelektroden - Electrodo de carbono
Ø 6.4 mm (x50) 086081
Ø 8 mm (x50) 086098

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

TIG TORCH KIT SR17V
(valve), 4m

BINZEL

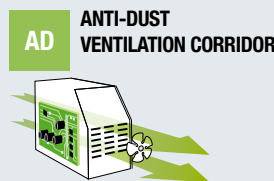
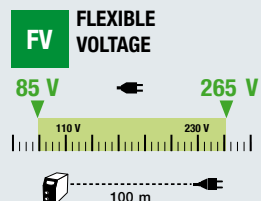
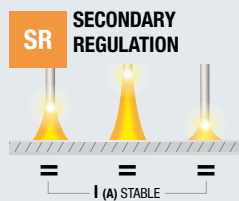
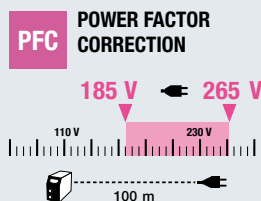
GYSMI 130P/160P/200P/
E160/E200FV
PROGYS 180A/200A PFC
044425PROGYS 200E FV
CEL/250TRI/CEL 250TRI/
FLEX 250CEL
044401

TIG

DC



PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK & DESIGN



21

1 & 3 ~ • TIG DC HF

NEW
02/2016

Adjustable
Downslope

Automatic
Postgas



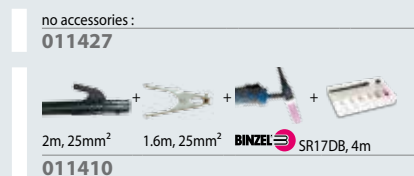
35/50 mm²

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

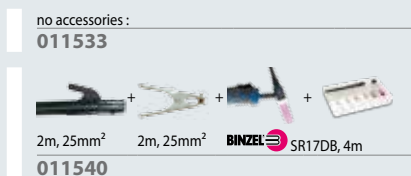
P400 L/DB
TIG 160 DC - LIFT
160 A



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 ~**



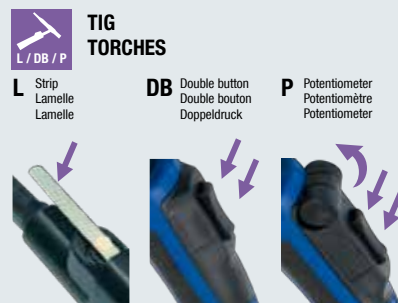
CEL cellulosic electrode **PULSE AID SR AD** L/DB/P
TIG 250 DC HF
250 A **3 ~**



CEL cellulosic electrode **PULSE AID SR AD** L/DB/P
TIG 300 DC HF
300 A **3 ~**



OPTIONS



MADE IN FRANCE EN 60974-1	50 / 60 Hz	A	I ₂ TIG	I ₂ MMA	INTEGRATED TECHNOLOGY							TIG EN 60974-1 (40°C)		MMA EN 60974-1 (40°C)		U ₀	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	■	0.2 → 20 Hz	■	■	■	■	—	140	30	125	20					
TIG 250 DC HF	400V 3~	16	10 → 250	10 → 250	—	0.2 → 20 Hz	■	—	—	■	■	170	33	160	24	95	35/50	50 x 39 x 24	19	10 kW 12.5 kVA
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

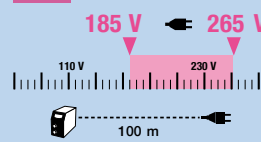
TIG

AC/DC

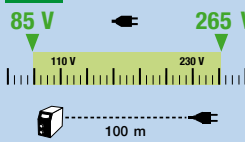


PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK & DESIGN

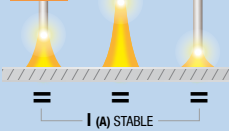
PFC POWER FACTOR CORRECTION



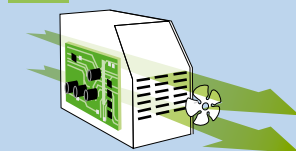
FV FLEXIBLE VOLTAGE



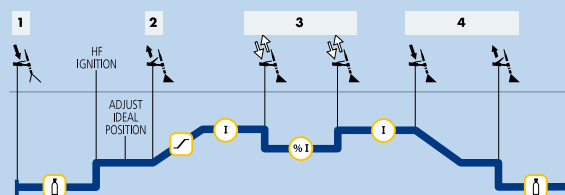
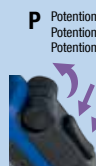
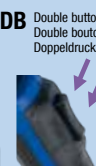
SR SECONDARY REGULATION



AD ANTI-DUST VENTILATION CORRIDOR



TIG TORCHES



OPTIONS



WELD 610

574 x 618 x 386 mm
040281

- ✓ 160 DC LIFT
- ✓ 168 DC
- ✓ 200 DC
- ✓ 250 DC
- ✓ 300 DC
- ✓ 207 AC/DC
- ✓ 208 AC/DC
- ✓ 220 AC/DC

10m³-XL/TM1

666 x 1032 x 484 mm
041257

- ✓ 160 DC LIFT
- ✓ 168 DC
- ✓ 200 DC
- ✓ 250 DC
- ✓ 300 DC
- ✓ 207 AC/DC
- ✓ 208 AC/DC
- ✓ 220 AC/DC

10m³-XL/TM2

912 x 910 x 507 mm
039711

- ✓ 160 DC LIFT
- ✓ 168 DC
- ✓ 200 DC
- ✓ 250 DC
- ✓ 300 DC
- ✓ 207 AC/DC
- ✓ 208 AC/DC
- ✓ 220 AC/DC

Diabale 4m³

500 x 1060 x 450 mm
015678

- ✓ 160 DC LIFT
- ✓ 168 DC
- ✓ 200 DC
- ✓ 250 DC
- ✓ 300 DC
- ✓ 207 AC/DC
- ✓ 208 AC/DC
- ✓ 220 AC/DC

Diabale 10m³

550 x 1115 x 525 mm
039704

- ✓ 160 DC LIFT
- ✓ 168 DC
- ✓ 200 DC
- ✓ 250 DC
- ✓ 300 DC
- ✓ 207 AC/DC
- ✓ 208 AC/DC
- ✓ 220 AC/DC



FOOT REMOTE CONTROL
4 m - 3 kg
045682

045699



HAND REMOTE CONTROL
8 m - 1 kg
045675



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



P400 PULSE PFC SR AD L/DB/P

TIG 208 AC/DC-HF

5 200 A

no accessories :
011823



2m, 25mm² 2m, 25mm² BINZEL SR20DB, 4m
011816

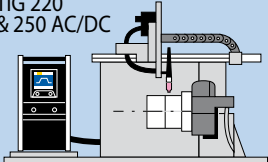
 MADE IN FRANCE  EN60974-1			I ₂ TIG		INTEGRATED TECHNOLOGY								TIG			MMA		Freq. AC						 Protected & compatible power generator (+/-15%)
													X% GYS (20°C)	EN60974-1 (40°C)		EN60974-1 (40°C)								
50/60 Hz	A	A		P400	PULSE	PFC	FV	SR	AD	for normal use	IA (60%)	X% (I2 max)	IA (60%)	X% (I2 max)	Hz	Uo	mm²	cm	kg					
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)	■	■	■	■	AC/DC 47% @ 160 A	AC/DC 90	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

FUNCTION	FUNCTION	BE	TE	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 electrode	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	
Epaisseur	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

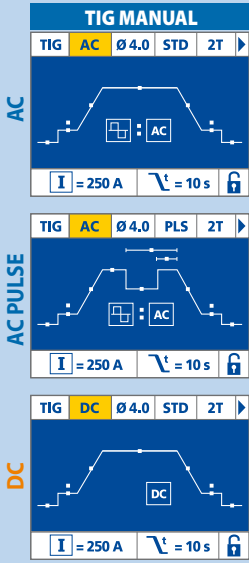
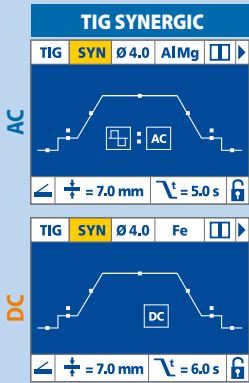
SPECIAL

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



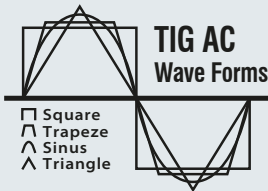
ERGONOMIC & EASY

Large 5 inch LCD colour screen



TIG

AC/DC



Pedal & hand remote control



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

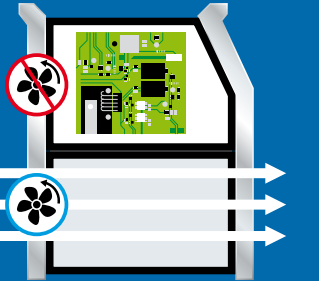


FAN LESS

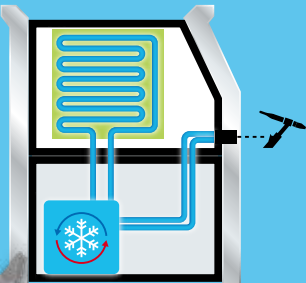
TECHNOLOGY

*** UNIQUE ***
TECHNOLOGY
by GYS

100 % DUST PROOF
100 % SANS POUSSIÈRE
100% STAUBFREI



LIQUID COOLED ELECTRONICS
REFROIDISSEMENT LIQUIDE
DE L'ÉLECTRONIQUE
FLÜSSIGKEITSGEKÜHLTE
ELEKTRONIK



TROPHÉES
de L'INNOVATION 2013
Coup de cœur
en partenariat avec ARKEA
GYS
INDUSTRIE
Fan Less LYON2013

OPTIONS

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



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



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

TIG 220 AC/DC-HF FV

5 **220 A** 1 ~

no accessories :
011908

OPTIONS



OPTIONS
max 10 m³(50 l)
040960

liquid cooling PULSE AID SR AD L/DB/P

TIG 250 AC/DC-HF

5 **250 A** 3 ~

250A
60 %
TIG

no accessories :
012004

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

PACKS TIG AC/DC

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

Chariots/Trolley
max 10 m³

4 m, 25 mm²

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

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

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

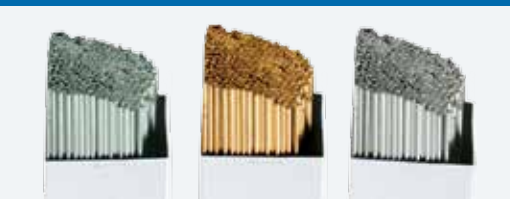
pack TIG 220 AC/DC WDB3
012295

COOLING LIQUID
(not included)CORAGARD
CS 330 (10L)
052246

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



0.33 kg (L = 330 mm)	x...	
Acier - Steel - Stahl (SG2) Normes - Norms - Normen - Norma AWS A 5.18 : ER70S-6 EN ISO 636A : W46 4 W3Si1	Ø 1.6 60	087224
	Ø 2.0 40	087231
Inox - Stainless - Edelstahl (308L) Normes - Norms - Normen - Norma AWS A 5.9 : ER 308L EN ISO 14343A : W199L	Ø 1.6 60	087248
	Ø 2.0 40	087255
Inox - Stainless - Edelstahl (316L) Normes - Norms - Normen - Norma AWS A 5.9 : ER 316L EN ISO 14343A : W19 12 3L	Ø 1.6 60	087262
	Ø 2.0 40	087279



5 kg (L = 1 m)	x...	
Acier - Steel - Stahl (SG2) Normes - Norms - Normen - Norma AWS A 5.18 : ER70S-6 EN ISO 636A : W46 4 W3Si1	Ø 1.6 319	087019
	Ø 2.0 204	087217
	Ø 2.4 142	087033
Inox - Stainless - Edelstahl (308L) Normes - Norms - Normen - Norma AWS A 5.9 : ER 308L EN ISO 14343A : W199L	Ø 1.2 560	087118
	Ø 1.6 319	087156
	Ø 2.0 204	087163
Inox - Stainless - Edelstahl (316L) Normes - Norms - Normen - Norma AWS A 5.9 : ER 316L EN ISO 14343A : W19 12 3L	Ø 1.6 315	087125
	Ø 2.0 205	087200
	Ø 2.4 140	087149
Alu - Aluminium - Aluminio (AlMg5) Normes - Norms - Normen - Norma AWS A 5.10 : ER 5356 EN ISO 18273 : 5 Al 5356	Ø 1.6 920	087170
	Ø 2.0 590	087187
	Ø 2.4 410	087194

TORCH CONNECTIONS -
Connexions torche



ÉLECTRODES TUNGSTÈNE - Tungsten electrodes - Wolfram Elektroden

UNIVERSAL				ALU ONLY			
BEST				WP PUR (AC)			
LANTHANEWL15 (AC/DC), 1.5% Acier / Inox/ Alu				Alu - Aluminium - Aluminio			
Ø 1.6	x10	045330		Ø 1.6	x10	044555	
Ø 2.0	x10	045347		Ø 2.0	x10	046719	
Ø 2.4	x10	045354		Ø 2.4	x10	044579	
Ø 3.2	x10	045361		Ø 3.2	x10	046726	
ACIER	INOX	ALU	== ~	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

Adaptateurs électrode - Electrode adapter - Spannzange

Ø 1 045446
Ø 2 045453
Ø 4 045460

Régla 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)

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

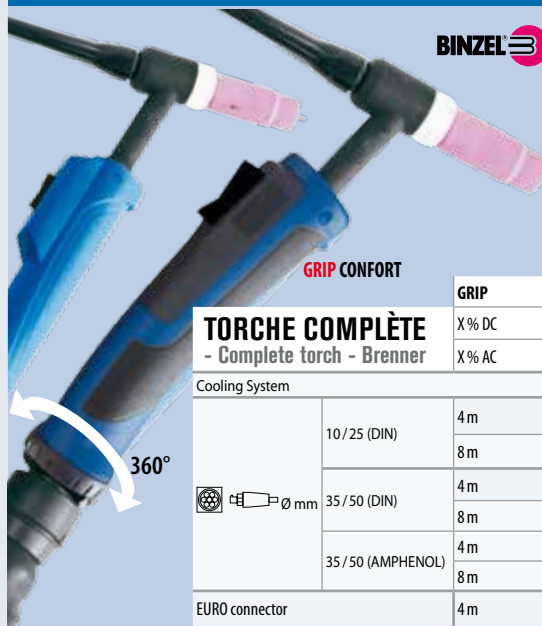
COMMANDES DÉPORTÉES - Remote control - Fernregelung



SUPPORT TORCHE TIG
MAGNETIQUE
- TIG torch stand
with magnetic base



TORCHES - Torches - Brenner - Antorcha - Lastoort - Tocha



STANDARD

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) 045170		(x3) 045286	
N10 Ø 16	—	(x3) 045293		—		(x3) 045293	
N12 Ø 19	—	(x3) 045309		—		(x3) 045309	
Ø 1.6	*(x3) 044838	*(x3) 044968		*(x3) 044838		*(x3) 044968	
Ø 2.0	(x3) 045149	—		(x3) 045149		—	
Ø 2.0 / 2.4	—	*(x3) 044975		—		*(x3) 044975	
Ø 2.4	*(x3) 044845	—		*(x3) 044845		—	
Ø 3.2	—	(x3) 045118		(x3) 045248		(x3) 045118	
Ø 4	—	(x3) 047648		—		(x3) 047648	
Bague d'étanchéité - Insulating ring adaptor	(x1) 044890	*(x1) 045040		(x1) 044890		*(x1) 045040	
Ø 1.6	*(x3) 044852	*(x3) 044982		*(x3) 044852		*(x3) 044982	
Ø 2.0	(x3) 045132	(x3) 044999		(x3) 045132		(x3) 044999	
Ø 2.4	*(x3) 044869	*(x3) 045019		*(x3) 044869		*(x3) 045019	
Ø 3.2	—	(x3) 045125		(x3) 045255		(x3) 045125	
Ø 4	—	(x3) 047655		—		(x3) 047655	
Coiffe - Back cap	Courte - Short (x1) 044814	*(x1) 044944		*(x1) 044814		*(x1) 044944	
	Longue - Long (x1) 044821	*(x1) 044951		*(x1) 044821		*(x1) 044951	
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)	

PRO

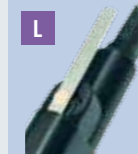
SR 9		SR 17 & SR 26		SR 20		SR 18	
N4 Ø 6.5	(x3) 044920	—		(x3) 044920		—	
N5 Ø 8.0	—	(x3) 045071		—		(x3) 045071	
N6 Ø 9.5	(x3) 044937	—		(x3) 044937		—	
N7 Ø 11	—	(x3) 045088		(x3) 045262		(x3) 045088	
Ø 1.6	(x2) 044906	(x2) 045057		(x2) 044906		(x2) 045057	
Ø 2.0	(x2) 045156	—		(x2) 045156		—	
Ø 2.0 / 2.4	—	(x2) 045064		—		(x2) 045064	
Ø 2.4	(x2) 044913	—		(x2) 044913		—	
Ø 3.2	—	—		(x2) 045279		—	
Bague isolante - Insulating ring adaptor	—	(x1) 045095		—		(x1) 045095	
Bague diffuseur - Insulating ring	—	(x1) 045040		—		(x1) 045040	

Choose your torch	SR 9	SR 17	SR 26	SR 20	SR 18	
TIG 160 DC	L	DB				DIN
TIG 168 DC		DB	L	DB		DIN
TIG 200 DC FV		L	DB	L	DB	DIN
TIG 250 DC			L	DB	P	DIN
TIG 207 AC / DC FV			L	DB	P	DIN
TIG 208 AC / DC			L	DB	P	DIN
TIG 220 AC / DC			L	DB	P	DIN
TIG 250 AC / DC			L	DB	P	DIN
■ = original equipment						

SR 9		SR 17		SR 26		SR 20		SR 18	
L	DB	V	L	DB	L	DB	P	L	DB
—	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				
10 / 25 (DIN)	4m 044432	—	044425	—	046009	—	—	—	—
8m	044333	—	—	—	—	—	—	—	—
35 / 50 (DIN)	4m —	—	044401 044449	046030	044463 046054 046119	—	046061	—	—
8m	044326	046016	—	044340	046047	044371 046078 046122	044357 046023 046139	—	—
35 / 50 (AMPHENOL)	4m —	—	044401	—	—	—	—	—	046085
8m	—	—	—	—	046184 046177	—	046153 046146	—	045378 046092
EURO connector	4m —	—	—	—	046108	—	—	—	—



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



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



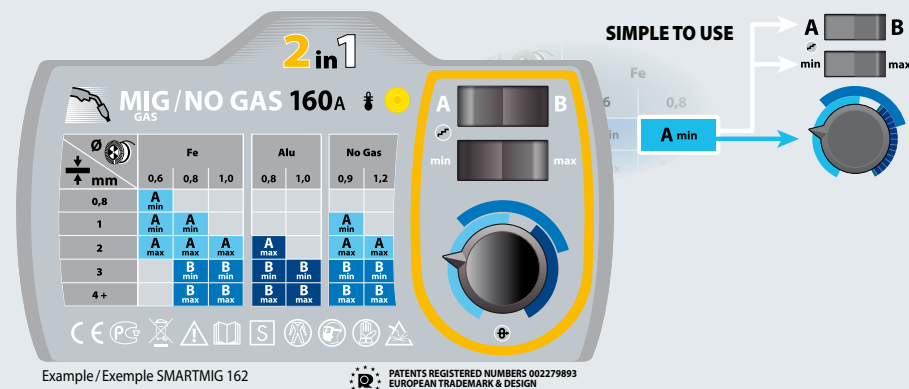
Double bouton
- Double button
- Doppeldrucktaster
- Doble botón
- Duplo Botão



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

MIG/MAG

SMARTMIG

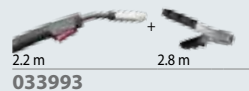


230V • 1~

SMARTMIG 110

40 **110A** Ø 100

NO GAS



SMARTMIG 142

40 **140A** Ø 100/200

GAS NO GAS

140A on 13A fuse



SMARTMIG 152

40 **140A** Ø 100/200

GAS NO GAS

140A on 13A fuse



SMARTMIG 162

30 **160A** Ø 100/200

GAS NO GAS

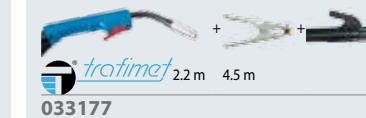
160A on 13A fuse



SMARTMIG 3P

35 **170A** Ø 100/200

MMA GAS NO GAS



SMARTMIG 182

35 **180A** Ø 200/300

GAS NO GAS



SMARTMIG 183

30 **180A** Ø 200/300

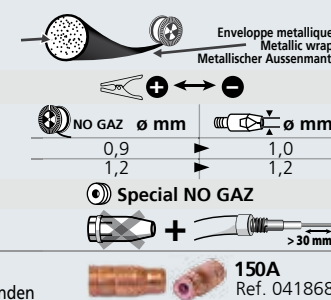
GAS NO GAS



INFO - NO GAS

Fil fourré / Flux cored wire / Fülldrahtelektrode

Flux / Flow / Pulverfüllung



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

												EN60974-1 (40°C)					Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica				
	EN60974-1	50 / 60 Hz	A	EURO	GAS	NO GAS	MMA	100	200	300	A	IA (60%)	X% (I2 max)	Uo (V)	Electronic Control	Reg			cm / kg	kg	Protected & compatible power generator (+/-15 %)
MADE GYS CHINA IN P.R.C.	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		2+ electronic	0.6 / 0.8	0.8	56 x 46 x 35	35	MIG 5.5 kVA MMA 6 kVA
 MADE IN FRANCE	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

NEW
04/2016

NEW
04/2016

EASY TO USE



Example / Exemple EASYMIG 140

PROFESSIONAL
MOTOR INSIDE



10W
Easymig 150

3
in 1

GAS
NO GAS
MMA

INVERTER

5 kg

NEW
06/2016

MIG/MAG • INVERTER • EASYMIG

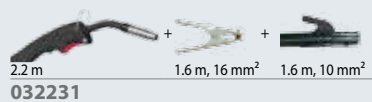
EASYMIG 130

130 A

Ø 100



MMA GAS NO GAS



032231



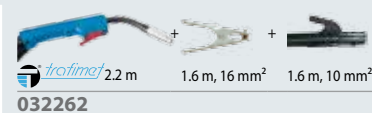
EASYMIG 140

140 A

Ø 100



MMA GAS NO GAS



032262



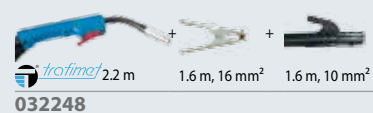
EASYMIG 150

140 A

Ø 100/200



MMA GAS NO GAS



032248



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.	50 / 60 Hz	A	INTEGRATED TECHNOLOGY	I ₂ MMA	I ₂ MIG	Ø mm	Electronic Control	Ø mm	GAS	NO GAS	MIG		MMA		U ₀ (V)	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica		cm	kg	Protected & compatible power generator (+/-15%)
												EN60974-1 (40°C)	X% (I ₂ max)	EN60974-1 (40°C)	X% (I ₂ max)						
EASYMIG 130		230V 1~	16	Antisticking	A	30 ÷ 120	100	200	0.6 ÷ 0.8	0.9	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
												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	Antisticking	A	30 ÷ 140	100	200	0.6 ÷ 0.8	0.9	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
												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 150		230V 1~	16	Antisticking	A	30 ÷ 140	100	200	0.6 ÷ 0.8	0.9	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
												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



230V • 1~

PEARL 150-2

20 **150 A**

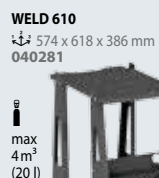
Ø 100/200



150 A on 13 A fuse



OPTIONS



1 MIG / MANUAL

Enter your parameters



MIG / SYNERGIC

Easy to use



Select :

1. material
2. Ø wire
3. position
4. thickness

Adjust arc length

2 MMA



3 TIG lift



SYNERGIC • EASY TO USE

3 in 1



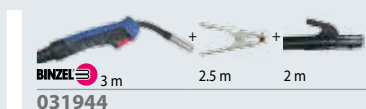
110 → 230V • 1~

PFC FV SR

Multi PEARL 200-2

20 **200 A**

Ø 100/200



PFC FV SR

Multi PEARL 200-4 XL

20 **200 A**

Ø 200/300



PFC FV SR

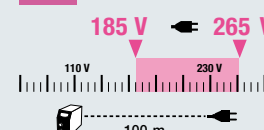
Multi PEARL 201-4

20 **200 A**

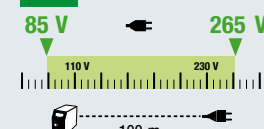
Ø 200/300



PFC POWER FACTOR CORRECTION



FV FLEXIBLE VOLTAGE



SR SECONDARY REGULATION

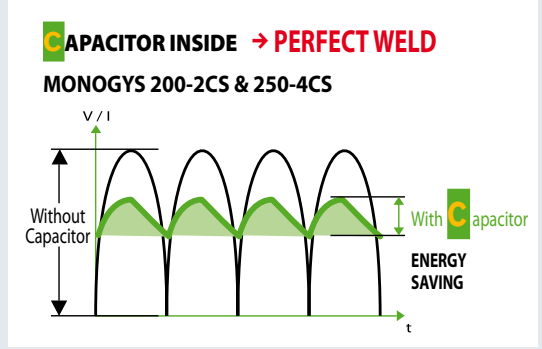


 MADE IN FRANCE EN60974-1			INTEGRATED TECHNOLOGY			I ₂ MMA	I ₂ TIG	MIG							Equipment d'origine Original equipment Originalausstattung Equipamiento de fabrica			 Protected & compatible power generator (+/-15%)	 MADE IN FRANCE EN60974-1		
	50/60 Hz	A	PFC	FV	SR	A	A	 min → max A	 100 200 300 Ø mm	 Electronic Control	 GAS Ø mm	 NO GAS Ø mm	EN60974-1 (40°C)		 U _o (V)						cm / kg
PEARL 150-2	230V 1~	13	—	—	—	—	—	20 → 150	■ ■ —		0.6 → 1.0	0.9	90	X% (I ₂ max) 150A@26%	67	0.6/0.8	0.8	43 x 33 x 23 / 14	6 kW	7.5 kVA	PEARL 150-2
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	45 x 35 x 25 / 16	7.5 kW		Multi PEARL 200-2
	230V 1~	13				10 → 200	10 → 200	20 → 200					135	200 A @ 20%							
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	55 x 44 x 25 / 20	7.5 kW		Multi PEARL 200-4 XL
	230V 1~	13				10 → 200	10 → 200	20 → 200					135	200 A @ 20%							
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				10 → 200	10 → 200	20 → 200					135	200 A @ 20%							

MIG/MAG

MONOGYS / TRIMIG

SYNERGIC



SYNERGIC • EASY TO USE

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

PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK & DESIGN



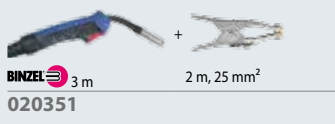
Max 4 m³
(20 L)



Max 10 m³
(50 L)

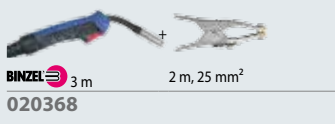
MONOGYS 200-2CS

30 **200 A** ⚡
Ø 200 / 300



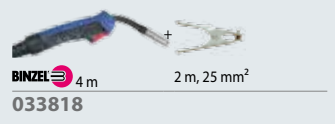
MONOGYS 250-4CS

40 **250 A** ⚡
Ø 200 / 300



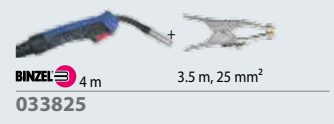
TRIMIG 200-4S

30 **200 A** ⚡
Ø 200 / 300



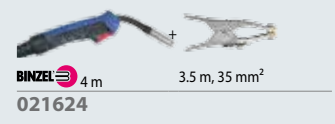
TRIMIG 250-4S.DV

35 **250 A** ⚡
Ø 200 / 300



TRIMIG 300-4S

35 **300 A** ⚡
Ø 200 / 300



no accessories:
033832

 MADE IN FRANCE EN60974-1					 Ø mm			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
	50/60 Hz	A	min + max	Reg	200	300	Electronic Control	IA (60%)	X% (I ₂ max)	GAS							
MONOGYS 200-2CS	230 V 1~	16	30 + 200	6	■	■		110	200 A @ 15%	0.6 + 1	17+34	0.8/1.0 mm	3 m	1.0 mm	77 x 79 x 47 /70	7.5 kVA	MONOGYS 200-2CS
MONOGYS 250-4CS	240 V 1~	25	40 + 250	8	■	■		170	250 A @ 15%	0.8 + 1.2	17+38	0.8/1.0 mm	3 m	1.0 mm	77 x 79 x 47 /85	11 kVA	MONOGYS 250-4CS
TRIMIG 200-4S	400 V 3~	10	30 + 200	7	■	■		140	200 A @ 30%	0.6 + 1	17+34.5	0.8/1.0 mm	4 m	1.0 mm	77 x 79 x 47 /63	7.5 kVA	TRIMIG 200-4S
TRIMIG 250-4S.DV	400 V 3~ 230 V 3~	10 (16) 16 (25)	35 + 250	10	■	■		180	250A @ 30%	0.8 + 1.2	17+37	0.8/1.0 mm	4 m	1.0 mm	90 x 88 x 50 /86	10 kVA	TRIMIG 250-4S.DV
TRIMIG 300-4S	400 V 3~	16 (20)	35 + 300	12	■	■		240	300 A @ 35%	0.8 + 1.2	17+37	1.0/1.2 mm	4 m	1.2 mm	90 x 88 x 50 /90	15 kVA	TRIMIG 300-4S



X%

MAGYS 400 **350 A - 50%**
MAGYS 500 **450 A - 50%**
FULL SYNERGIC MIG OVER 1000 PARAMETERS

EN 1090

+/-

ADJUSTABLE :
ELECTRONIC
CONTROL

•

SOFT START

•

BURN BACK

•

POST GAS

DYNAMIC
ARC CONTROL
TECHNOLOGY

↓
↑

?

MATERIAL THICKNESS TEST

XL

↕

HIGH STABILITY

360°

SHOCK RESISTANT

EASY
CLEANING

4 DRIVE ROLLERS
Ø 37 mm
MOTOR 70W
HIGH QUALITY
FOR HIGH PRECISION
Rollers Type C

MAGYS 400-4 , WS-4R,
WS-4L, W5S-4L

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

Generator

45 **450 A**

no accessories :
032200

OPTIONS

	Screen protection included with Magys 046191
	Câble d'inversion de polarité Polarity reversal cable 95 mm² - 1.3 m 033689
	Faisceaux de liaison - Connection cable
	Gougeage - Gouging Ø 8 mm max 041516
	Electrodes de gougeage - Gouging - Electrodes - Kohleelektroden - Electrodoes de carbono
	AIR COOLED 5 m 50 mm² 034822 5 m 70 mm² 034839 10 m 50 mm² 034853 10 m 70 mm² 034860 10 m 95 mm² 045941
	LIQUID COOLED 1.6 m 70 mm² 033696 5 m 70 mm² 033641 10 m 70 mm² 033658 10 m 95 mm² 034877 15 m 95 mm² 034884 20 m 95 mm² 034891 30 m 95 mm² 034907
	Gougeage - Gouging Ø 6.4 mm (x50) 086081 Ø 8 mm (x50) 086098

 MADE IN FRANCE	 EN60974-1								Cooling system		Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica		EN60974-1 (40°C)				 Protected & compatible power generator (+/-15%)	
		50 / 60 Hz	A	Ø mm	A	200	300	ELECTRONIC CONTROL			I(A) (60%)	X% (I2 max)	Reg	cm / kg				
MAGYS 400-4		400 V 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						—		■			—	—	—					
MAGYS 500 GR		400 V 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						Liquid	—											
WS-4R		—	—	0.6 → 1.6	—	—	■	■	Air	—		1.0 / 1.2 mm		—	—	—	59 x 56 x 25 / 17	—
WS-4L									Liquid		—							
W5S-4L		—	—	0.6 → 1.6	—	—	■	■	Air + Liquid	—		0.8 / 1.0 mm		—	—	—	32 x 49 x 23 / 15	—

MAGYS 400 GR, 500 GR, 500 WS



WS-4R

AIR

034723

WS-4L

033573

Small Size Wire Feeder for MAGYS



W5S-4L

AIR

032835

Skate for WS-4R & WS-4L



OPTION
Cable support for MAGYS



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 TIG SR AD
PULSE LIFT

400V • 3~ 400 A

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

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



NEW
05/2016

400 A @ 60%

VRD
Voltage Reduction Device

IP 23

EQUIPMENT
6

ATELIER - WORKSHOP

Push Pull (24V/42V)

Connector 14pt, male
047686

Hand
remote control

EXAFEED 4L
032408
Original equipment :
Ø 1/1.2



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 10 m² (50 l)
1150 x 1200 x 515 mm
032736

MADE IN FRANCE EN60974-1	~	50 / 60 Hz	I ₂ MMA A	I ₂ TIG A	I ₂ MIG A	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% (12 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

43



EN60974-1

30 kW 36 kVA

36 kVA

36 kVA

MIG/MAG

INVERTER • DOUBLE PULSE

NEOPULSE



ERGONOMIC & EASY

Large 5 inch LCD colour screen

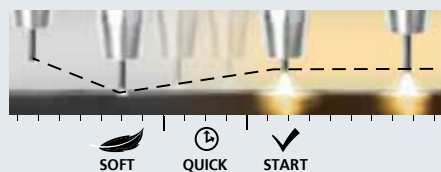
Easy mode
Easy & intuitive



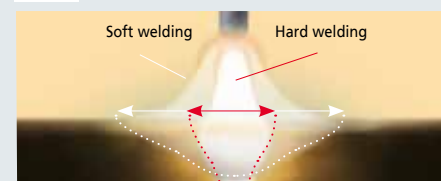
Pro mode
100% parameters



SQS SOFT QUICK START® Vitesse d'accostage contrôlée



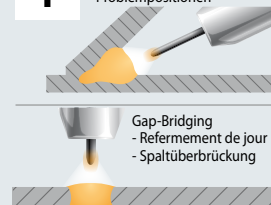
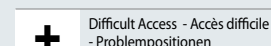
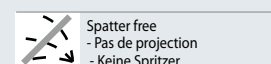
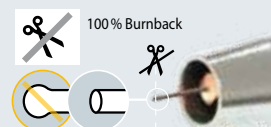
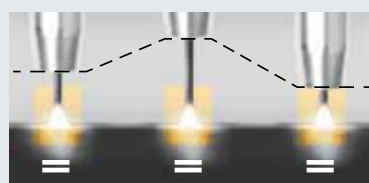
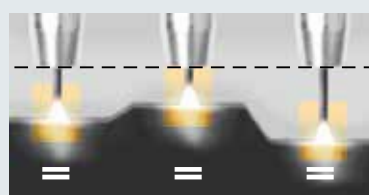
Adjustable inductance Inductance réglable



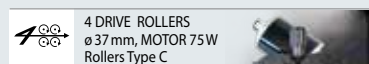
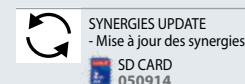
★ ★ ★ Ideal Alu & CuAl8/CuSi3



Stable arc/Constant penetration Arc stable/pénétration constante



DSP FULLY DIGITAL RJ12 - Software update



SYNERGIES

NEOPULSE 270 - 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

15 **270 A**

75 W

no accessories/no trolley
020337



190 A @ 60%

PULSE IN PULSE

2 MICROPROCESSORS

37 SYNERGIES

Mise à jour
- Update

SD CARD
050914

Potence -Cable support
032842

OPTION
TROLLEY

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		Pince de masse - Earth clamp		
	250 A Acier - Steel	3 m 040700	400 A	4 m - 35 mm ²	
	250 A Alu	3 m 040724	400 A	4 m - 35 mm ²	
	LIQUID COOLED				
	300 A Acier - Steel	3 m 040694			
	300 A Alu	3 m 040748			

 MADE IN FRANCE EN60974-1	 50 / 60 Hz	 A	 0 mm	 A	 SPOOLGUN	 PUSHPULL	 200 300	 ELECTRONIC CONTROL	EN60974-1 (40°C)		 cm / kg	 Protected & compatible power generator (+/-15%)
NEOPULSE 270	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

MIG/MAG • INVERTER • NEOPULSE

45



MIG/MAG

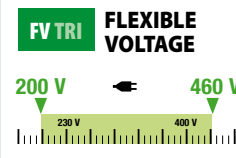
INVERTER • DOUBLE PULSE

400 V • 3 Ø



240 A @ 60%

PULSE IN PULSE



3 MICROPROCESSORS

EASY UPDATE
DIRECT COMPUTER

41 SYNERGIES

Mise à jour - Update
SD CARD 050914

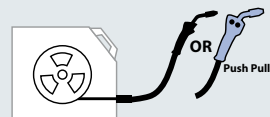
IP 23

INDOOR
/OUTDOOR

ROBUST DESIGN



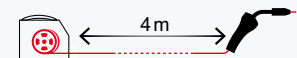
NEW
05/2016



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

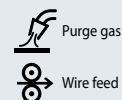
FV TRI

NEOPULSE 300

15 270 A

75 W

no accessories/no trolley
032767



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)

WCT 1.3kW A
400 V, 2~
020344

WCT 1.3kW C
230 V, 2~
032781

INCLUDED
Connection
034273

NEOPULSE 400

10 400 A

no accessories/no trolley
032774

400 A @ 60%

PULSE IN PULSE

4 MICROPROCESSORS

POWER DIGITAL CONTROL

EASY USB UPDATE



> 80 SYNERGIES

Mise à jour - Update
SD CARD 050914

NEOFEED 4L
032743

Original equipment :
Ø 1/1.2

AIR + 100 W
Ø 0.6/1.6
Ø 200/300

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

OPTIONS

Torches	AIR COOLED				Pince de masse - Earth clamp	SCREEN PROTECTION (x5) 044043
	250 A Acier - Steel	3 m	040700	250 A Alu	3 m	040724
Torches	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	FV TRI	PUSH/PULL	200	300	EQUIPEMENT D'ORIGINE Original equipment Originalausstattung Equipamiento de fabrica	EN60974-1 (40°C)		cm / kg	Protected & compatible power generator (+/-15%)
										IA (60%)	X% (I2 max)		
NEOPULSE 300	230V · 3 ~	20	0.6 + 1.2	15 + 240	■	24 V	■	■	400 A @ 60%	0.8 / 1.0 mm	220 240 A @ 45%	52 x 64 x 38 / 41	10 kVA
NEOPULSE 400	400V · 3 ~	32	—	10 + 400	—	—	—	—	400 A @ 60%	—	240 240 A @ 60%	71 x 49 x 30 / 36	12.5 kVA
NEOFEED 4L	—	—	0.6 + 1.6	—	—	OPEN 24/42 V	■	■	400 A @ 60%	1.0 / 1.2 mm	—	63 x 44 x 29 / 19	30 kVA

OPTIONS

	Numeric Remote Control 10 m 047662		Torches LIQUID COOLED 500 A Acier - Steel 4 m 041004 500 A Alu 3 m 046160		Pince de masse - Earth clamp 600 A 4 m - 70 mm ² 043831
	Analog Remote Control 10 m 047679		SCREEN PROTECTION (x5) 044043		Filter kit 046580

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)

Ø1/1.2 (original equipment TF-4R)

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 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 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 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

Alu, Ø1/1.2 (x2)

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

EXAFEEED 4L

EXAGON 400 CC/CV

10 m, air, ø 95 mm²

EXAGON 400 CC/CV

Fe/CrNi 350 A, 4 m, air

4 m, 50 mm²

pack EXAGON MAG A1 012417

EXAGON 400 CC/CV

Water Cooled

EXAFEEED 4L

EXAGON 400 CC/CV

10 m, liquid, ø 95 mm²

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

Fe/CrNi 500 A, 4 m, liquid

4 m, 70 mm²

pack EXAGON MAG W1 012424

NEOPULSE

NEOPULSE 270

Air Cooled

Water Cooled

NEOPULSE 270

(x2) Ø0.8/1 (Original Equipment)

4 m, 35 mm²

NEOPULSE 270

845 x 982 x 605 mm

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

Fe/CrNi 250 A, 3 m

Alu 300 A, 3 m

Alu, Ø1/1.2 (x2)

pack NEOPULSE 270 A1 022119

pack NEOPULSE 270 A2 022157

pack NEOPULSE 270 W1 022164

pack NEOPULSE 270 W2 022133

NEOPULSE 300

Air Cooled

Water Cooled

NEOPULSE 300

(x2) Ø0.8/1 (Original Equipment)

4 m, 35 mm²

NEOPULSE 300

845 x 982 x 605 mm

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

Fe/CrNi 250 A, 3 m

Alu 300 A, 3 m

Alu, Ø1/1.2 (x2)

pack NEOPULSE 300 A1 032682

pack NEOPULSE 300 A2 032705

pack NEOPULSE 300 W1 032699

pack NEOPULSE 300 W2 032712

NEOPULSE 400

Water Cooled

NEOPULSE 400

NEOFEED 4L

10 m, liquid, ø 95 mm²

NEOPULSE 400

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

4 m, 70 mm²

NEOPULSE 400

1150 x 1200 x 515 mm

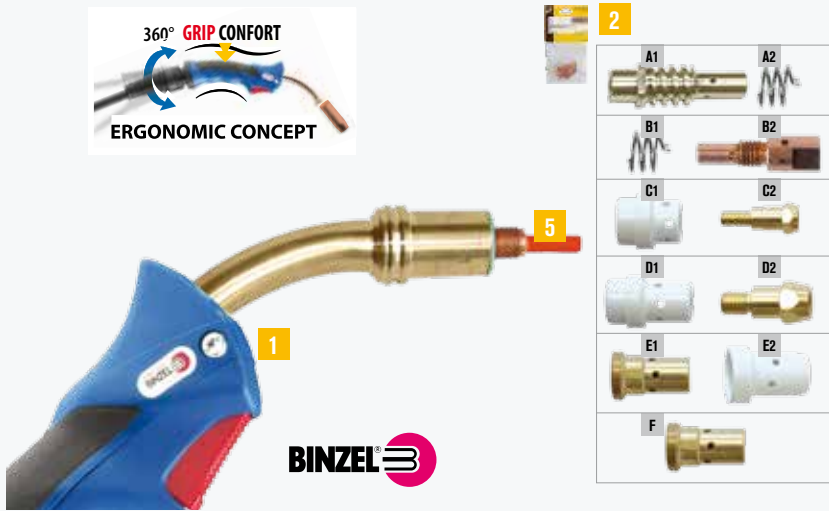
Fe/CrNi 500 A, 4 m, liquid

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					
AIR			LIQUID		
150 A	250 A	350 A	450 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
2	A	B	D	F	C	E
3	M6	M6	M8	M8	M6	M8
	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.2	Ø 1.2	Ø 1.2
X% original equip.	150A - 60%	200A - 60%	290A - 60%	450A - 60%	270A - 100%	380A - 100%
GRIP	—	GRIP	GRIP	ABIMIG	GRIP	GRIP
L	3 m	3 m	3 m	4 m	3 m	4 m
Ref.	041424	043268	043251	040700	040922	040540

2	SUPPORTS TUBE CONTACT & DIFFUSEURS - Tip adaptors & diffusers					
	150 A	250 A	350 A	450 A	300 A	500 A
	A1 (x5) 042902	B1 (x5) 042995	D1 (x3) 043008	F (x3) 045484	C1 (x3) 043589	E1 (x5) 042940
	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					
x10	150 A	250 A	350 A	450 A	300 A	500 A
Ø 0.6	041905	041905		041905	041905	
Ø 0.8	041912	041950	041790	041790	041950	041790
Ø 1.0	041929	041967	419803	419803	041967	419803
Ø 1.2	040144	041974	419810	419810	041974	419810
Ø 1.4			419827	419827		419827
Ø 1.6			419834	419834		419834
Ø 2.4			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
Conique - Conical nozzle - Konische Düse	A (x3) 041875	E (x1) 043084	A (x3) 041882	E (x1) 040571	(x3) 041783	E (x1) 040588
Pointage - Spot welding - Punktlöse	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					
Ø 0.6x0.8	3 m	041592				
	4 m	041837				
Ø 1.0x1.2	3 m	041608				
	4 m	041844				
Ø 1.2x1.6	3 m	418417				
	4 m	418424				
Ø 1.6x2.4	4 m	040526				

ALU - Aluminium - Aluminio					
AIR			LIQUID		
150 A	250 A	350 A	300 A	500 A	
A	B	D	C	E	
M6	M6	M8	M6	M8	
Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.2	Ø 1.2	
150A-60%	200A - 60%	290A - 60%	270A - 100%	380A - 100%	
—	GRIP	GRIP	GRIP	GRIP	
3 m	3 m	4 m	3 m	4 m	
041462	040724	040939	040731	040953	

150 A	250 A	350 A	300 A	500 A	
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	

150 A	250 A Ø15	350 A Ø16	300 A	500 A	
Ø 12 A (x3) 041875	A (x3) 041882	A (x3) 041783	Ø 12 A (x3) 043534	A (x3) 042315	
B (x1) Ø 12 041851			Ø 17 A (x3) 046221		
A (x1) Ø 16 046214					

Teflon		Teflon	
3 m	041578	3 m	041578
4 m	044050	4 m	044050
Ø 1.0x1.2	041585	Ø 1.0x1.2	041585
4 m	044067	4 m	044067
Ø 1.2x1.6	044074	Ø 1.2x1.6	044074
Carbon		Carbon	
Ø 0.6x0.8	4 m	039834	039834
Ø 1.0x1.2	4 m	039827	039827
Ø 1.2x1.6	4 m	039810	039810

MB 15 (150 A) 041226	x3	x5	x5 (M6-Ø 0.6) x5 (M6-Ø 0.8) x5 (Alu - M6-Ø 0.8)	x3	
MB 25 (250 A) 041233	x5	x3	x5 (M6-Ø 0.8) x5 (M6-Ø 1.0) x5 (Alu - M6-Ø 1.0)	x3	
MB 36 (350 A) 041417	x2	x3	x5 (M8-Ø 1.0) x5 (M8-Ø 1.2) x5 (Alu - M8-Ø 1.0) x5 (Alu - M8-Ø 1.2)	x2	

SPOOLGUN

OPTION NEOPULSE 270-T2 & 300-T2

Torche motorisée Spool Gun - Spool Gun Torch

041486

Ideal Alu

Ø 0,8

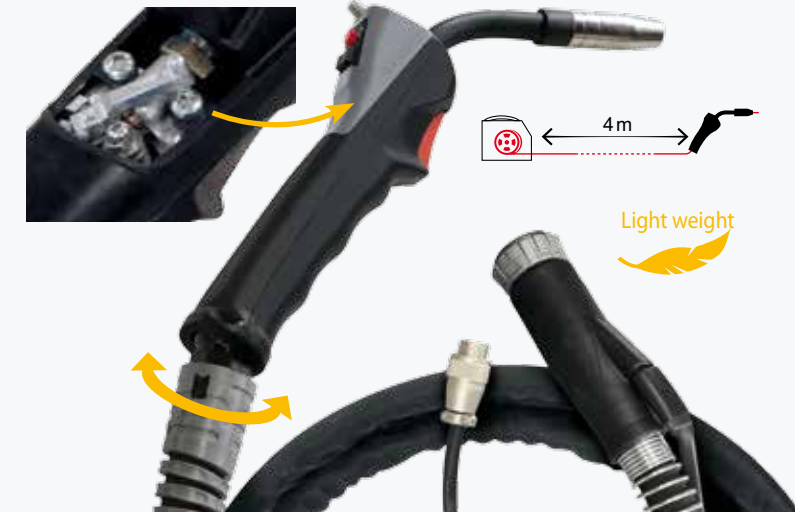
&
· Acier / Steel / Stahl
· Inox / Stainless steel



PUSH PULL TORCH - 24 V

OPTION NEOPULSE 300

Motor inside



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

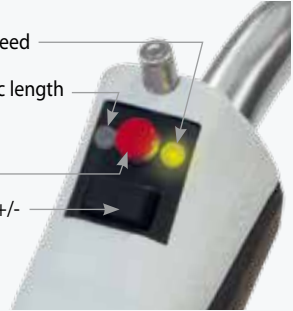
Welding Parameters access

Speed

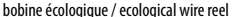
Arc length

Select

Adjust +/-

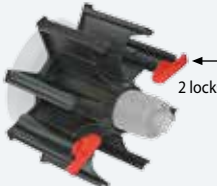


BOBINES DE FIL - Welding wire reels - Drahtrollen - Rollos de hilo- Draadbobijn - Bobines de fio

										
	kg			Ø 0.6 mm	Ø 0.8 mm	Ø 1.0 mm	Ø 1.2 mm	NORMES - Norms - Normen - Norma		
Acier - Steel - Stahl- Acero - Staal - Aço (SG2)	0.9	100 mm	—	086593	086609			AWS 5.18 : ER 70S-6	EN ISO 14341-A : G46 4M G3Si1	DIN 8559 : SG2
	5	200 mm	—	086111	086128	086135				
	15	300 mm	—	086166	086227	086234	086241			
	18	—	300 mm		086272 (15 kg)	086289	086296			
	15	300 mm	—		086258					
Galva (G2Ti)	5	200 mm	—	086760	086777			AWS 5.28 : ER 90S-B3	EN ISO 2195L-A : Cr CrMo2Si	
Alu (AlMg3)	2	200 mm	—				086517	AWS 5.18 : ER 70S-2	EN ISO 14341-A : G42 2 M G2Ti	DIN 8559 : SG2
	7	300 mm	—				086500			
Alu (AlMg5)	0.5	100 mm	—		086548			AWS 5.10 : ER 5554	EN ISO 18273 : S Al 5554	DIN 1732 : SG-AlMg3
	2	200 mm	—		086555	086562				
	7	300 mm	—			086524	086531			
Alu (AlSi5)	0.5	100 mm	—		086685			AWS 5.10 : ER 5356	EN ISO 18273 : S Al 5356	DIN 1732 : SG-AlMg5
	2	200 mm	—			086142	086159			
Alu (AlSi12)	0.5	100 mm	—		086678			AWS 5.10 : ER 4043	EN ISO 18273 : S Al 4043-A	DIN 1732 : SG-AlSi5
	2	200 mm	—			086142	086159			
Inox - Stainless - Edelstahl (308LSi)	1	100 mm	—		086616			AWS 5.10 : ER 4047	EN ISO 18273 : S Al 4047	DIN 1732 : SG-AlSi12
	5	200 mm	—		086616					
Inox - Stainless - Edelstahl (316LSi)	1	100 mm	—		086616			AWS 5.9 : ER 308L Si	EN ISO 14343-A : G19 9 L Si	DIN 8556 : SG X2CrNi 19 9
	5	200 mm	—		086579					
Cusi3 HLE - UHTS (Boron Steel)	5	200 mm	—		086326			AWS 5.9 : ER 316L Si	EN ISO 14343-A : G19 12 3 L Si	DIN 8556 : SG X2 CrNiMo 19 12
	1	100 mm	—		086692					
CuAl8 HLE - UHTS (Boron Steel)	5	200 mm	—		086647	086654		AWS 5.7 : ER CuSi-A	EN ISO 14640 : S Cu 6560	DIN 1733 : SG-CuSi3
	15	300 mm	—		086661	086197				
Fil fourré, Cored wire, Fülldraht, Hilo tubular Acier - Steel - Stahl NO GAS	4.5	200 mm	—		Ø 0.9 = 086623		086630	AWS 5.7 : ER CuAl-A1	EN ISO 14640 : S Cu 6100	DIN 1733 : SG-CuAl8
	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 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 Al 5554	DIN 1732 : SG-AlMg3
								AWS 5.10 : ER 5356	EN ISO 18273 : S Al 5356	DIN 1732 : SG-AlMg5
								AWS 5.10 : ER 4043	EN ISO 18273 : S Al 4043-A	DIN 1732 : SG-AlSi5
								AWS 5.10 : ER 4047	EN ISO 18273 : S Al 4047	DIN 1732 : SG-AlSi12
								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	
										DIN 8555 : MSG 6-CF-60

ADAPTATEURS BOBINES - Adaptors for wire reels - Korbspulenadapter

**ALIGNER 200**
Ø 200
042889

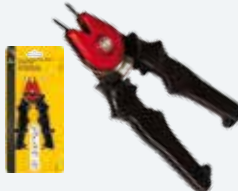
**ECO ADAPTER 300**
Intensive pour bobine écologique - for ecological wire reel - für Eco Fülldrahtrolle 043305

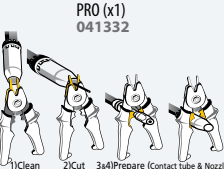
**Professional**
Ø 200 & 300
71608

**Industrial**
Ø 200 & 300
71613

GALETS - Rollers - Vorschubrollen - Rollen - Rodillos - Wielen - Rolletes

		TYPE A  Ø 30 mm Ø 9 mm		TYPE B  Ø 37 mm Ø 9 mm		TYPE C  Ø 37 mm Ø 19 mm			
		Smartmig, Pearl, Multipearl		Monogys, Trimig, Promig, Pearl XL, Multipearl XL, TF 4R		Magys, Neopulse, W55-4L, 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	(x2)	041738
	Ø 0.8 / 1.0	(x1)	041189	(x1)	042100	(x2)	042360	(x2)	042094
	Ø 1.0 / 1.2			(x1)	042179	(x2)	046849	(x2)	042117
	Ø 1.2 / 1.4					(x2)		(x2)	039780
	Ø 1.2 / 1.6					(x2)	042384	(x2)	041752
Alu	Ø 0.8 / 1.0	(x1)	041196	(x1)	042155	(x2)	042377	(x2)	042148
	Ø 1.0 / 1.2			(x1)	042186	(x2)	040915	(x2)	042162
	Ø 1.2 / 1.6					(x2)	042391	(x2)	041776
Fil fourré - Corred wire	Ø 0.9 / 1.2	(x1)	042346	(x1)	042131	(x2)	042407	(x2)	042124
	Ø 1.6 / 2.4							(x4)	040519
Fil fourré - Corred wire		Ø 0.9		Smartmig 110 (Ø 25 mm)		(x1)	044081		

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

**PRO (x1)**
041332

**SUPPORT TORCHE MAGNETIQUE - MIG torch stand with magnetic base**

041653

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



M6-00.9 (x3) + Isolated Nozzle No Gas - 150 A (x1) + Ø 0.9 / 1.2 (x1)

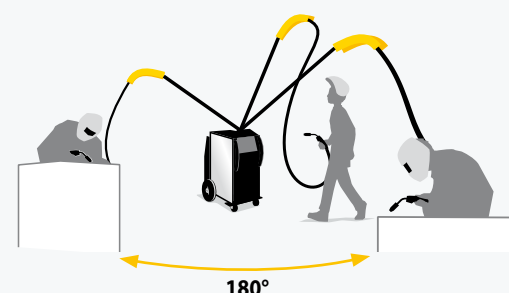
041240

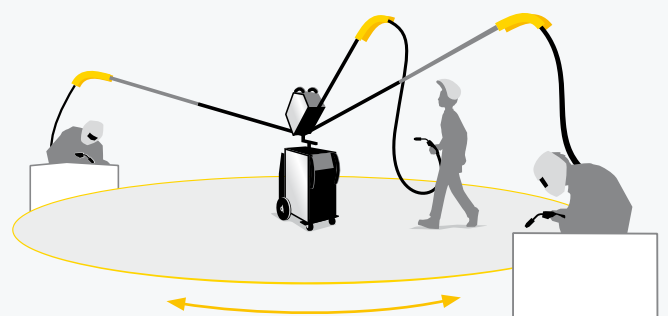
OEM : Universal 3P, Monomig 160-1, Easymig, Smartmig, Pearl

SUPPORTS TORCHE MIG - MIG torch supports - MIG-Brennerteleskophafterung

**MIG Lift Compact**
046597
NEW 01/2016
adjustable max 1.3 m
adjustable

**MIG Lift Pro**
046429
adjustable max 2.5 m
adjustable
OPTION
Universal wire feeder support
046436

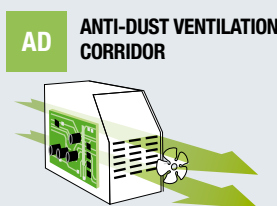
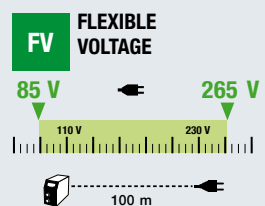
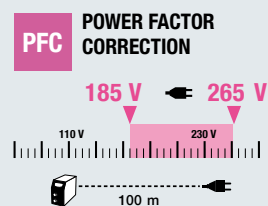
**180°**

**360°**

	L	rotation	Torches compatibility		Machines compatibility										Wire feeder compatibility			
					TRIMIG		PROMIG		MAGYS				NEOPULSE					
			classic	fume extraction	250-45.DV	300-4S	350-4S	400-4	400 GR	500 GR	500 WS	270	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°	✓	✓	—	—	—	—	✓	✓	✓	—	—	—	✓	✓	✓	✓ with option universal support ref. 046436

PLASMA CUTTER

1 ~



NEW TECHNOLOGY



CONSTANT PRESSURE CONTROL



Control Adjust

> CONSUMABLES LONG LIFE
> HIGH QUALITY CUTTING

Air control : Manual / Auto



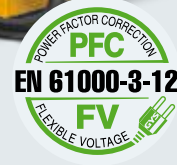
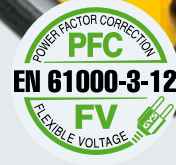
4 modes :
Decoupage / Grillage
/ Gougeage / Mode verrouillé
Cutting / Metal Mesh /
Gouging / Locked Mode
Vollblech / Gitter / Fugenhebel /
Verriegelter Vollblech-Modus

PATENTS REGISTERED
NUMBERS EUROPEAN
TRADEMARK & DESIGN

55

PLASMA CUTTER

Kompressor inside



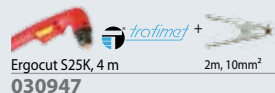
P400

CUTTER 25 K

25 A

ALU 4 mm
INOX/STEEL 6 mm

20 A on 13 A fuse



030947

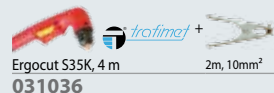
P400 PFC AD

CUTTER 35 KF

35 A

ALU 8 mm
INOX/STEEL 12 mm

30 A on 13 A fuse



031036

P400 PFC FV

CUTTER 31 FV

30 A

ALU 8 mm
INOX/STEEL 10 mm

30 A on 13 A fuse



030985

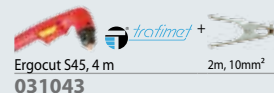
P400 PFC FV AD

CUTTER 40 FV

40 A

ALU 10 mm
INOX/STEEL 15 mm

30 A on 13 A fuse



031043

AD

CUTTER 85A TRI

85 A

ALU 30 mm
INOX/STEEL 40 mm



029880



029996

AD

CUTTER 125A TRI

125 A

ALU 55 mm
INOX/STEEL 55 mm



029897



029910

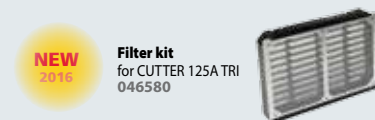
OPTIONS

Chariots - Trolleys - Fahrwagen



for CUTTER 85A TRI
039933

for CUTTER 125A TRI
039575



NEW 2016

Filter kit
for CUTTER 125A TRI
046580

OPTIONS

Trolleys - Chariots - Fahrwagen



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

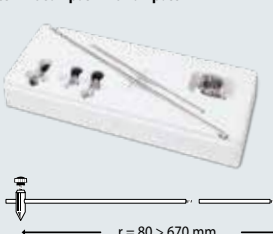


PLASMA 800
✓ 25 K
✓ 35 KF
✓ 31 FV
✓ 31 FV
✓ 40 FV
040120

Kit compass - Kit compas - Kit Kompass

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

x1 040205

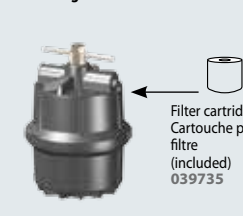


included (x1)
040199

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			I ₂							INTEGRATED TECHNOLOGY						AIR SYSTEM Pressure (bar)			EN 60974-1 (40°C)				 Protected & compatible power generator (+/-15%)
				Pierce		Clean Cut		Max Cut		P400	PFC	FV	AD	COMPRESSOR INSIDE	mini.	maxi.	ideal	IA 60%	% I2 max				
				Fe	Al/CrNi	Fe	Al/CrNi	Fe	Al/CrNi														
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~ 110V 1~	16 32	5÷30 5÷30	7	5	7	5	10	8	■	■	■	—	—	2.5	9	4.5 (115L/min)	22 19	32 25	44 x 28 x 19	12	6 kW	
CUTTER 40FV	230V 1~ 110V 1~	16 32	10÷40 10÷30	10	8	10	8	15	10	■	■	■	■	—	2.5	9	4.5 (115L/min)	32 25	40 60	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
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%)	I (m)	Consumables	ref
130	105	6	included (85A)	040137
		15.2	—	039995



AUTOMATIC

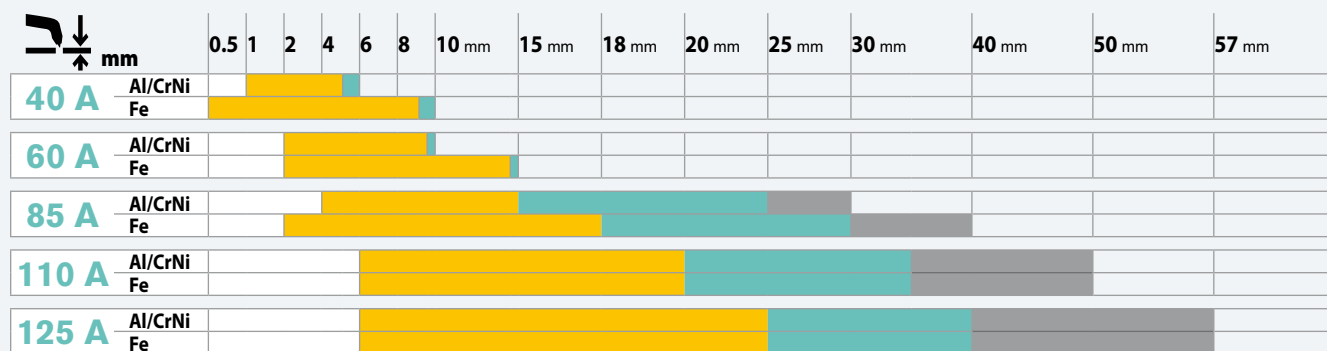
Z Auto Torch NO HF
Automatic detection

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

+ Kit CNC (Computer Numerical Control) 039988



Z Torch Performances



Consommables - Consumables

Z TORCH & Z AUTO

						Patin/protecteur - Shield - Kontaktschutzkappe	
						Z (manual)	Z auto
CUTTER 85A	CUTTER 125A	40A (25-45A)				x5 039759	
		60A (45-65A)	x1 040069	x5 040076	x1 040083	x5 039766	x1 040113
		80A (65-85A)				x5 040038	special Cutting 040052
		BOX 40/60/80 A	x1	+ x3	+ x1	+ x3 (40 A) + x3 (60 A) + x3 (80 A)	+ x1
			039940				
		110A	x1 040069	x5 039629	x1 040083	x5 039667	x1 039681
		130A				x5 039650	x1 039674
		BOX 110/130 A	x1	+ x3	+ x1	+ x3 (110 A) + x3 (130 A)	+ x1 (110 A) + x1 (130 A)
			039698				

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



CUTTER 25K

	x10 040168	x2 040175	x10 040151	x4 040182
BOX S25K	x3	+ x1	+ x3	+ x1
	039971			



CUTTER 35K

	x10 040168	x2 040175	x10 040212	x4 040229
BOX S35K	x3	+ x1	+ x3	+ x1
	039964			



CUTTER 31FV & 40FV

	x10 040168	x2 040175	x10 040212	x4 040236
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, 10 mm²

Z Torch NO HF MANUAL 6 m

Z Torch NO HF MANUAL 15.2 m

Z Torch NO HF AUTO 15.2 m

Trolley

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, 16 mm²

Z Torch NO HF MANUAL 6 m

Z Torch NO HF MANUAL 15.2 m

Z Torch NO HF AUTO 15.2 m

Trolley

pack CUTTER 125A TRI M1 029910

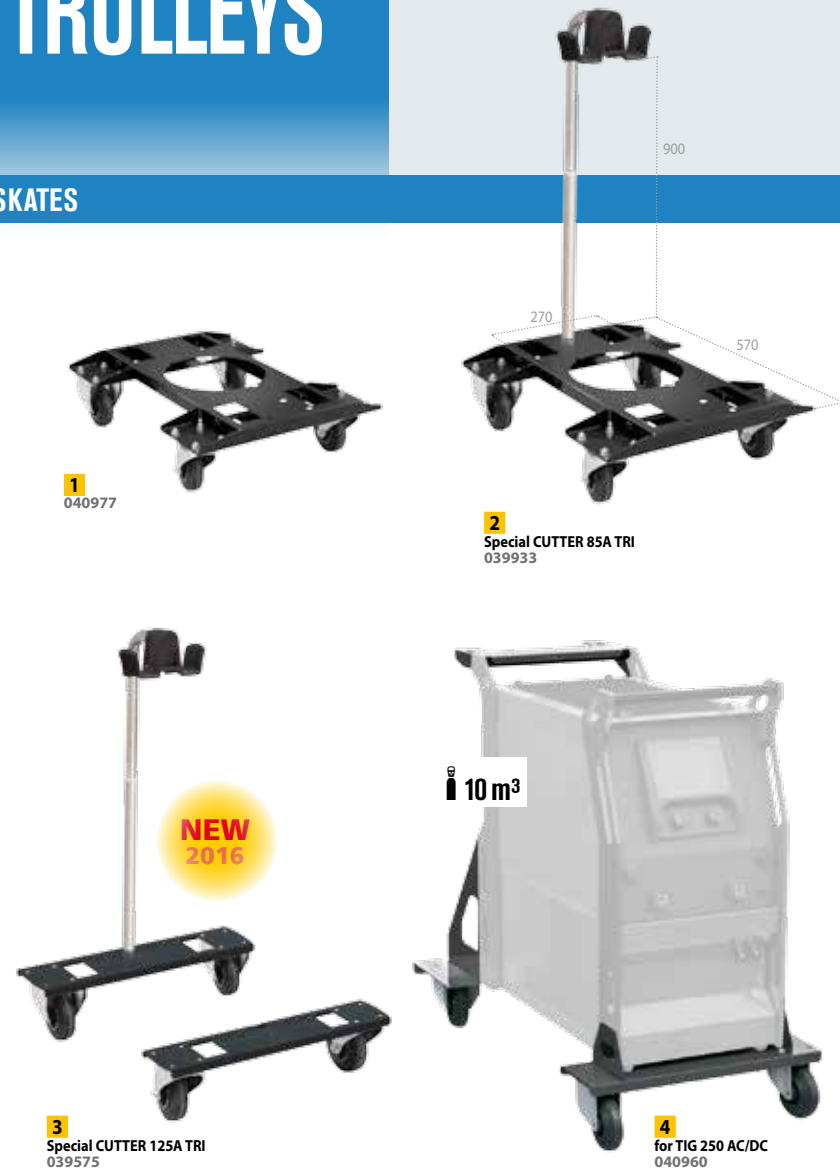
pack CUTTER 125A TRI M2 029859

pack CUTTER 125A TRI M3 029866

pack CUTTER 125A TRI A 029873

TROLLEYS

SKATES



SPECIAL PLASMA



CHARIOTS - Trolleys - Fahrwagen



DIABLES - Sack truck

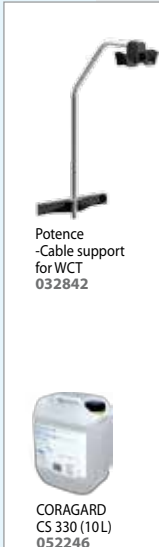


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16A	16B	17	18	19	20	21
MMA	PROGYS CEL 250TRI																					
	PROGYS FLEX 250 CEL																					
	EXAGON 400																					
TIG	TIG 160 DC lift																					
	TIG 168 DC HF																					
	TIG 200DC HF FV																					
	TIG 250 DC HF																					
	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																					
MIG	MultiPEARL 200-2																					
	MultiPEARL 200-4 XL																					
	WS-4R																					
	WS-4L																					
	EXAGON 400																					
	NEOPULSE 270																					
	NEOPULSE 270-T2																					
	NEOPULSE 300																					
	NEOPULSE 400																					
PLASMA	CUTTER 25 K																					
	CUTTER 35 KF																					
	CUTTER 31 FV																					
	CUTTER 40 FV																					
	CUTTER 85A TRI																					
	CUTTER 125A TRI																					

GROUPES DE REFROIDISSEMENT - Cooling units



OPTIONS



SPOT WELDING 230 V



**PORTASPOT
230**
6 300 A
120 daN

delivred with PX1 :
022256

		RMS	MAX		Uo	Cable	100% CU	
50/60 Hz	A	A	A	mm	V	↔ m	Ø mm²	(no arm) cm
1 x 230V	16(D)	6 300	8 900	2+2	2.5	2.5	3x2.5 H05VVF	36 x 29 x 10
							OK	kg



ARMS

 l = 110 mm PX1 (included) 047945	 l = 220 mm PX2 047938	 l = 220 mm PX3 047921
 l = 350 mm PX4 047914		

ELECTRODES

 EX40 Short electrode 40 mm 047884	 EX60 Medium electrode 60 mm 047891	 EX80 Long electrode 80 mm 047907
---	--	--

CAPS & ACCESSORIES

 Caps type F (x 6) 049970	 Caps remover 050846
 Lame - Blade 052857	 Affuteur de caps - Cap grinder 048966

OPTIONS

	Potence - Cable support Powerduction 50L only 052284
	Colle-Stick 054851
	50L 053441
	053458
	50L (new) 053762
	053823
	50L (old : 053427) → 053434
	160L 053748
	053755



**POWERDUCTION
50L**
5 200 W

no accessories :
053410



**POWERDUCTION
160L**
16 000 W

no accessories :
053472

				Freq.		Cable L (m)			
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

LUNETTES DE PROTECTION - Protection goggles - Schutzbrillen

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



Soudure chalumeau - Torch welding
- Soldadura con soplete
- Autogenschweißen

HELMETS

TEINTE SHADE 11

Bandeau anti-transpiration
- Antiperspirant
headband (x2)
043466

Sac pour masque
de soudage
- Carry bag for
helmet welding
043299

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/Shadow	 ms	 Adjustable	 Delay	 Energy	 Grind	Classification	 g	VERRES - Lense - Schutzgläser					
												EXTERNAL		INTERNAL			
Gys	HANDMASK	042209	—	92x36	11	—	—	—	—	—	400	105x50	x50	042629	105x50	x50	
Toolit	FLIP FLAP	042513	—	97x80	11	—	—	—	—	■	425	110x90	x5	040816	110x90	x5	
Toolit	LCD TECHNO 11	042537	■	98x35	11	0.6	—	—	☀	—	1/2/1/2	400	110x90	x5	040816	102x40	x5
Top Arc	LCD MASTER 11	043442	■	100x49	11	0.5	—	—	☀	—	1/1/1/2	430	110x90	x5	040816	104x55	x5
Toolit	LCD EXPERT 11	040755	■	100x49	11	0.5	—	—	☀	—	1/1/1/2	470	119x98	x5	040823	104x55	x5

EN 175-EN 379



filtration class
N 12941 :
H2 P R SL

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/m²	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**

	A	B	C	D
	OPTI 200.O	OPTI 200.G	OPTI 215.O	OPTI 140.O
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 - Atemschutzmasken - Máscaras respiratorias desechables

FFP1
(x20) EN 149-2001
043916

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

CABINE DE SOUDAGE - Welding booth - Schweißstand

060050

Compact
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

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

EN 470
045224

KITS DE PROTECTION - Protection kits

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

070493



Lot Équipement
professionnel
du soudeur
- Professional kit
- Profi-Schweisserkit

070561

**MANCHETTES DE SOUDEUR** - Welding sleeves - Schweißberärmel - 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
S (40/42)
046368

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
041639



12L/min
041820



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



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



OPTIMAPRO
30L/min
(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

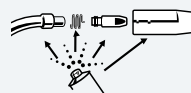
NEW
06/2016



	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
	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°	40/60/75/90/105/120°	45/75/135°
	—	—	—	—	—	—	—	■	■	■
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 Silikon)



041806

PINCES ÉTAU - Self-locking pliers - Gripzangen



(x16 = — 3 — +3 — +5 — +5)
050266



(x6)
050112

ASPIRATEURS DE FUMÉE - Fume Extraction Systems - Rauchgasabsauggerät



pour torches aspirantes - for fume Extraction Torches



• 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

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

OPTIONS

039889

039872

Filtre - Filter
039865

2.5 m (included)

040649

((included)

5 m (included)
040656

MFD435

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

039858



Filtre - 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

Welding detection
Automatic ON/OFF

230 V connection

792 mm

347 mm



Filtre - 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



Filtre - Filter (included)
046467

TORCHES ASPIRANTES - Fume Extraction Torches - Rauchgas-Absaugbrenner

- Antorcha con aspiración de humos



original equipment

X % 40°C - ArCO₂

GRIP

L

Ref.

	Acier/Inox - Steel/Stainless steel - Stahl/Edelstahl			LIQUID 500 A
	AIR 150 A	250 A	350 A	
original equipment	M6	M6	M8	M8
	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.2
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

Details p.50

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'ÉTAIN - Soft Soldering

60W
040373

100W
040397

COMPLETE

Pompe à dessouder
- Desoldering pump
- Entlötpumpe

040380

Fil à souder - Soldering wire - Lötdraht

Étain - Tin - Zinn

Norm ISO EN 9453

	Norms		Composition %			T° fusion °C	Décapant - Flux	Ø mm	g	Ref.
	DIN 1707	EN 29453	Sn	Pb	Cu					
TIN LEAD Étain-Plomb	SnPb60	S-Sn40Pb60	40	60	—	183-238	integrated	2	50	046610
									100	046627
									250	047136
	Sn50Pb	S-Sn50Pb50	50	50	—	183-216	integrated	1.5	50	046641
									100	046658
									250	047129
TIN COPPER Étain-Cuivre	Sn60Pb	S-Sn60Pb40	60	40	—	183-190	integrated	1	50	046665
									100	046672
									250	047112
	SnCu3	S-Sn97Cu3	97	—	3	227-310	external (ref.040549)	2	50	046689
									100	046696
									250	047143

Flux universel
- Soldering flux
- Löt fett

T° fusion 450 °C
20g

040549

LAMPES À SOUDER PROFESSIONELLES - Professional heating torches

PIEZO START

Lampes à souder perçable à 1 brûleur
Pierceable blow torch with 1 burner

040342

Gas not included
Patented

Lampe à souder, avec 2 brûleurs interchangeables
Blow torch, with 2 interchangeable burners

052741

Flamme à pointe fine
Fine flame (included)

Flamme Turbo L
Turbo flame L (included)

European fitting 7/16"

Gas not included

LIGHTER START

Lampe à souder, soupape de sécurité
Blow torch, safety valve

040359

included B1

European fitting 7/16"

Briquet à tasse
- Cup lighter

040403

CARTOUCHES DE GAZ - Gas Cartridges

Model	Connection	composition %			T°	Norms	ml	g	ref.
		butane	propane	propylene					
A	Pierceable	▪	—	—	—	EN417:2012	360	190	040410
B1	European fitting 7/16"	▪	▪	—	1800>2100°C	EN41:2012 - UN 2037	600	390	040427
B2		▪	▪	▪	2200°C	EN417:2012 - UN 2037	600	450	040434
B3		▪	▪	▪	foam	EN417:2012 - UN 2037	380	220	040441

BAGUETTES - Rods - Lötstäbe

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

	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	4	047198	
												500	25	047204	
	L - Cu P 7	EN1044-CP 202 EN 17672-Cu P 180	—	93	—	7	—	—	660	paste (ref. 047440) *	2	270	6	040496	
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	
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	047235	
												500	4	047242	
Argent 40% - Silver 40%	L-Ag 40Sn	EN1044-Ag 105 EN 17672-Ag 140	40	30	28	—	—	Sn 2	640-700	paste (ref. 047440)	1.5	333	2	047266	
											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)	2	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)	2	270	6	040489	
												2	333	10	047167
												2	500	10	047174
Alu Zn Al 2	—	EN 1044	—	—	98	—	—	Al 2	375-388	integrated	2	500	2	047433	
Acier cuivré	—	EN12536: O II	—	0.15	—	0.012	98	Si 0.2 - Mn 1	1 500	—		1.6	333	10	047150
												2	270	10	040465
												2	333	10	047167
												2	500	10	047174

* not for Cu/Cu brazing

POSTE BIGAZ - Soldering/Brazing kit - Autogenschweißset

040366

3100°

1.5m

included

Oxygène - Oxygen bottle 110l 040458

Novacet 600 ml/330g 040434

KIT CHALUMEAU 3 BRULEURS - Blow torch kit - Schweißbrennerset

Ø 17 mm

1.5m

butane

CHALUMEAU RÉGLABLE - Asphalt torch with burner - regelbarer Schweißbrenner

040335

60 cm

Ø 60 mm

PIEZO

butane/propane

VALISE D'ÉTALONNAGE - Calibration set

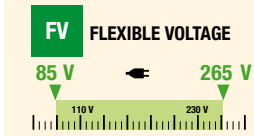
EN 1090 & EN 50 504

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



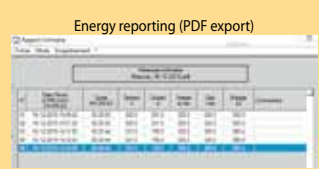
NEW
04/2016

GCU 1.0
060456



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

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



INCLUDED CONNECTIONS
GCU 1.0 > WELDING UNIT



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



NEW
04/2016

	A	B
LOAD 320A-100%	LOAD 550A-50%	
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



CONTRÔLE DU GÉNÉRATEUR - Generator control - Geräteprüfung



CONTRÔLE DE PIÈCES - Metal control - Werkstückprüfung



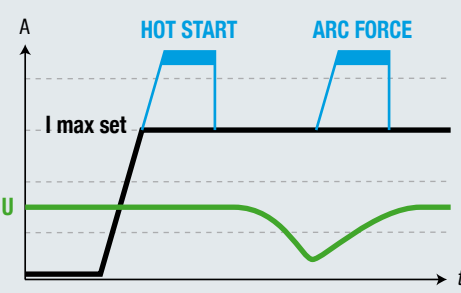
TECHNOLOGIES

HOT START
HS 60%

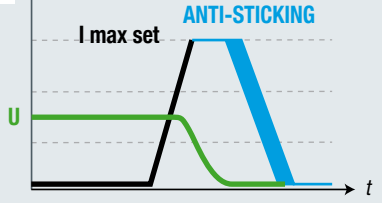
ARC FORCE
HS 90%
HOT START adjustable
0 % < + 60 % or + 90 %

ARC FORCE
AF 100%

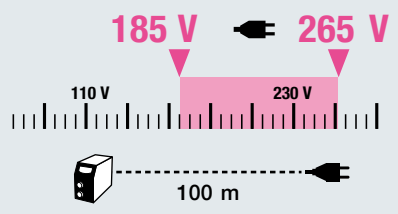
ARC FORCE adjustable
0 % < + 100 %



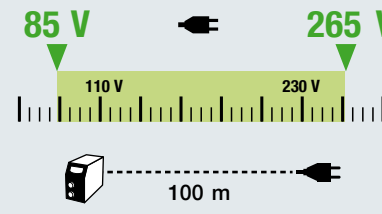
ANTI STICKING



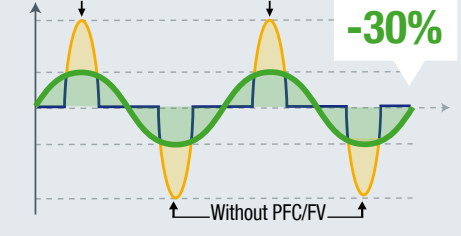
PFC POWER FACTOR CORRECTION
Correction de facteur de puissance



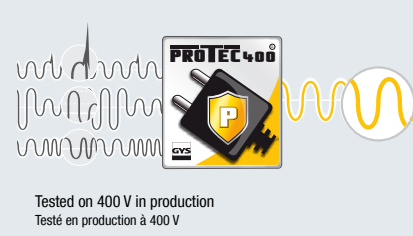
FV FLEXIBLE VOLTAGE
Dynamique d'alimentation



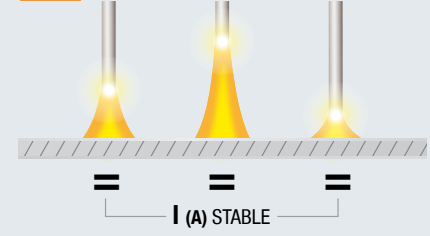
ENERGY SAVING
Gain de consommation



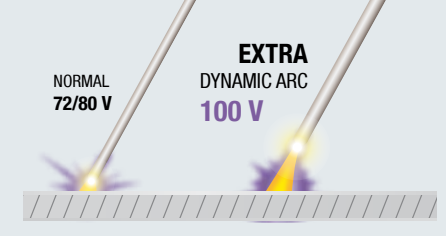
P400 PROTEC 400



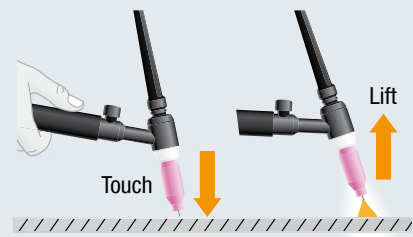
SR SECONDARY REGULATION
Régulation au secondaire



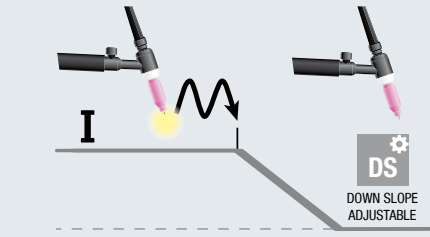
CEL CELLULOSIC ELECTRODE
Électrode cellulosique



TIG LIFT



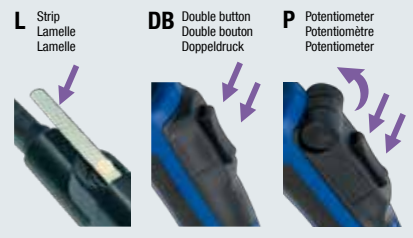
ADS AUTO DOWN SLOPE
Évanouissement d'arc automatique



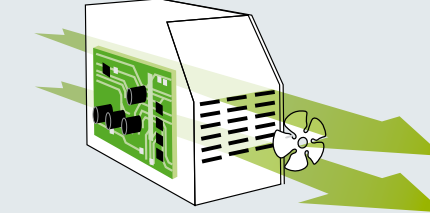
ADJUST IDEAL POSITION
Aide au positionnement



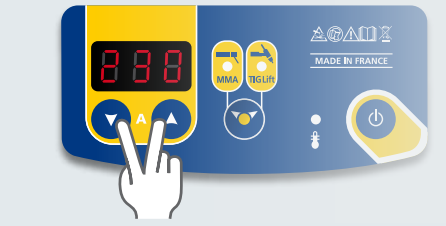
TIG TORCHES
Torches TIG



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



VT VOLTAGE TEST
Test de tension





TRAINING CENTRE

Formations agréées - Ref. 52 53 0068153



INTERNATIONAL EVENTS



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