



MADE IN FRANCE
MANUFACTURER SINCE 1964



INVEST IN THE FUTURE



Welding & Cutting

Soudage & Coupage • Schweißtechnik Katalog
Catálogo de Soldadura

2016 B

www.gys.fr

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



A family firm since 1964

Une société familiale depuis 1964
Familienunternehmen seit 1964

9
Companies
Sociétés
Gesellschaften

500+
Employees
Employés
Mitarbeiter

110+
Export markets
Pays distributeurs
Länder

www.gys.fr



3 catalogues

3 catalogues
3 Kataloge



Welding & cutting
Soudure & coupage
Schweisstechnik



Chargers, boosters & starters
Chargeurs, démarreurs
Batterieservicegeräte



Carbody repair
Réparation carrosserie automobile
Karosseriereparatur-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.



GYS Germany
Aachen



GYS U.K.
Rugby



GYS China
Shanghai



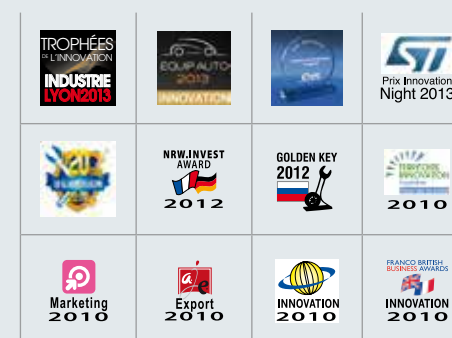
GYS India
Coimbatore



GYS Italia
Mestre-Venezia

An innovative group

Un groupe innovant
Innovative Unternehmensgruppe



Awards

Prestigious partners

Des partenaires prestigieux
Renommierter Partner



Certifications

A high tech R&D department

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

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

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

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

unseres Produktportfolios. Im Sommer 2014 haben wir das neue GYS F+E Center bezogen, welches mit der 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
TRIMIG _____ 37
PROMIG _____ 38
MAGYS _____ 40
EXAGON _____ 42
NEOPULSE _____ 44
Complete packs _____ 48
Accessories and consumables _____ 50

Plasma _____ 54

Trolleys _____ 58

Spot welding _____ 60

Induction _____ 60

Helmets _____ 61

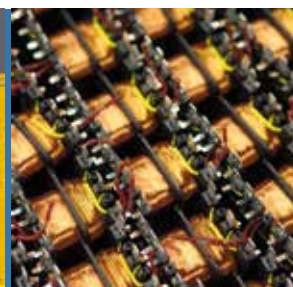
Protections _____ 64

Accessories _____ 66

Electric & gas heated torch _____ 68

Metrology _____ 70

Technologies _____ 71



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



Lineaire 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 1.6+8 mm

no accessories, 014930

no accessories, 014954

no accessories, 014916

NEW
2016

OPTIONS

★ ★ ★ ★ ★ CE NORM. ★ ★ ★ ★ ★ EN60974-1 MADE IN P.R.C			I_2	EN60974-1 (40°C)	U _o		
	50 / 60Hz	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



PATENTS REGISTERED NUMBERS
001789298-0001
EUROPEAN TRADEMARK & DESIGN

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

PFC

FV

FLEXIBLE VOLTAGE

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

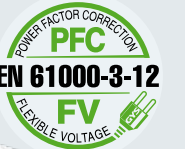
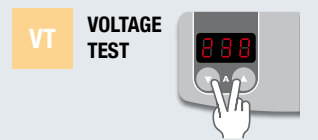
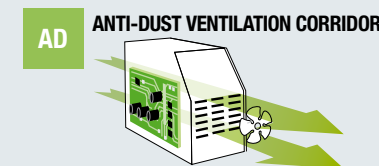
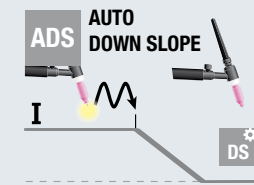
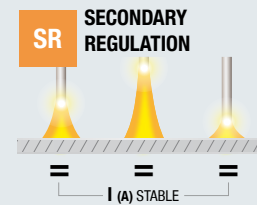
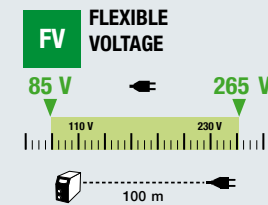
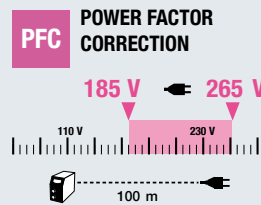
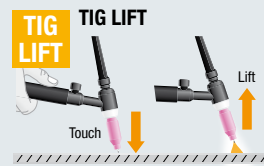
OPTIONS

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



 MADE IN FRANCE 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 EN60974-1	
						P400	HS 	TIG Lift	PFC	FV	ADS	Ø1.6	Ø2	Ø2.5	Ø3.2	Ø4	Ø5	for normal use	IA (60%)	X% (I2 max)							
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	21	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	24	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

2 m, 16 mm ²	1.6 m, 16 mm ²
-------------------------	---------------------------

031425

P400 HS 90% TIG LIFT PFC ADS

PROGYS 200A PFC

230 V • 1 ~	
200 A	Ø 1.6÷5 mm

Light Industry

no accessories : 031845

2 m, 25 mm ²	1.6 m, 25 mm ²
-------------------------	---------------------------

031432

CEL cellulosic electrode **ALU** aluminium electrode **P400** HS 90% AF 90% TIG LIFT **PFC** **FV** **SR** **ADS** **VT**

PROGYS 200E FV CEL

110→230 V • 1 ~	
200 A	Ø 1.6÷5 mm

Light Industry

no accessories : 031852

3 m, 25 mm ²	3 m, 25 mm ²
-------------------------	-------------------------

030862

HS 100% AF 100% TIG LIFT **SR** **AD** **ADS**

PROGYS 250 TRI

400 V • 3 ~	
250 A	Ø 1.6÷5 mm

Light Industry

no accessories : 010147

CEL cellulosic electrode **SR** **ADS** **AD** **VT**

PROGYS CEL 250 TRI

400 V • 3 ~	
250 A	Ø 1.6÷5 mm

Heavy Duty

no accessories : 010215

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

PROGYS FLEX 250 CEL

110→480 V • 1→3 ~	
250 A	Ø 1.6÷5 mm

Petrol Offshore

no accessories : 010239

MMA KIT

	kit 3	kit 4	kit 5
I (A)	200 A	200 A	300 A
mm ²	25	25	35
mm ²	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 _z GYS (20°C)	EN60974-1 (40°C)					
	50 / 60 Hz	A	A	P400	HS 	AF 	TIG Lift	PFC	FV	SR	ADS	AD	VT	CEL	for normal use	IA (60%)	X _z (I2 max)	U _o	cm / kg	Protected & compatible power generator (+/-15%)		
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	■	■	■	■	■	■	■	■	■	■	80% @ 200 A	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	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

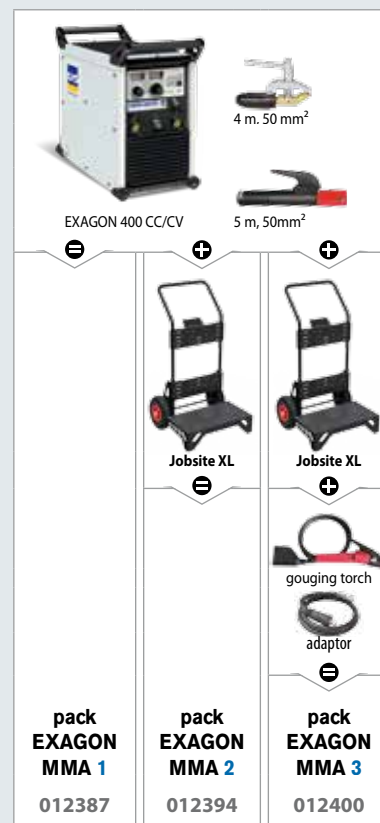
Arcforce/Inductance control

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 600.120	4	TYREX 600.95	70	35/50	047426

EQUIPMENT 3 TIG TORCH

SR17V (valve)
4 m
044401

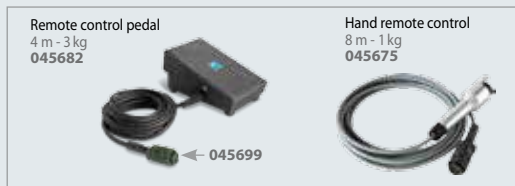


BINZEL

EQUIPMENT 4 GOUGING

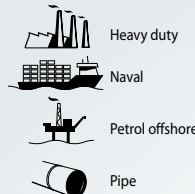
Pince de gougeage - Gouging Torch - Fugenhobel, 1 000 A 041516
Adaptateur gougeage - Gouging clamp adaptor 95 mm ² - 5 m 040670
Électrodes de gougeage - Gouging Electrodes - Kohlelektroden - Electrodes de carbone Ø 6.4 mm (x50) 086081 Ø 8 mm (x50) 086098

OPTION REMOTE



EQUIPMENTS 5 6 MIG : p.42/43

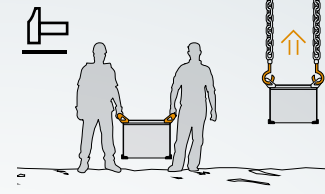
MULTI APPLICATIONS



IP 23



ROBUST DESIGN



MMA PULSE



400 A @ 60%

VRD
Voltage Reduction Device

IP 23



13

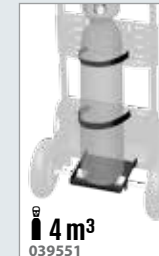
6 in 1 • MULTIPROCESS INVERTER • EXAGON



Filter kit
046580

OPTION TROLLEY
JOBSITE XL
600 x 1150 x 584 mm
039568

OPTION



4 m³
039551

NEW
04/2016

Pedal & hand
remote control

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

CEL
cellulosic
electrode

HS

AF

MMA
PULSE

TIG
LIFT

SR

AD

EXAGON 400 CC/CV

400 V • 3 ~

5 400 A

no accessories/no trolley :
010925

 MADE IN FRANCE	 EN60974-1	 ~		 I ₂ MMA	 I ₂ TIG	 I ₂ MIG	INTEGRATED TECHNOLOGY						MMA/TIG/MIG EN60974-1 (40°C)						
			50 / 60 Hz	A	A	A	A	HS 	AF 	MMA PULSE 	TIG Lift 	SR 	AD 	CEL 	IA (60%)	X% (I2 max)	U ₀	cm / kg	Protected & compatible power generator (+/-15%)
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			



PLASTIC BOX

		 X ...		kg
Ø 2.5	350			
Ø 3.2	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

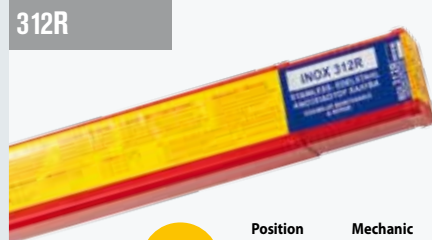
Position

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 (+)

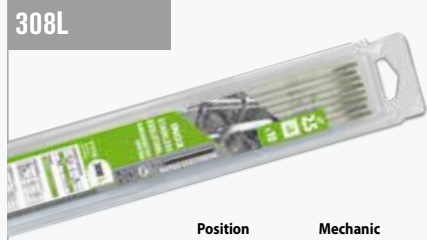
Mechanic
Re : 450 MPa
Rm : 680 MPa
A 5 d : 25%
FV : -20°C 60j

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

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

SHARK

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

PORTE-ÉLECTRODES ASSEMBLÉS - Electrode holder kits - Werksmontiert Elektrodenhalter

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

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

CROCO

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

TYREX

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

MAGNET

The image displays three different industrial magnet models. The top magnet is a square magnet with a black handle and a silver base. The middle magnet is a round magnet with a brass-colored base and a black handle. The bottom magnet is a round magnet with a silver base and a black handle. Each magnet is shown with its corresponding technical specifications and a small icon of a hand holding a 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	 mm ²	 mm ²		Ref.
	150 / 200 A	CROCO 200.35	2	16	10 / 25	x1	043770
	250 A	CROCO 400.70	3	25	10 / 25	x1	043787
	250 A	CROCO 400.70	4	25	35 / 50	x1	043794
	300 A	TYREX 400.70	4	25	35 / 50	x1	043800
	400 A	CROCO 400.70	4	35	35 / 50	x1	043817
	400 A	TYREX 400.70	4	50	35 / 50	x1	043824
	600 A	TYREX 600.95	4	70	35 / 50	x1	043831
	800 A	TYREX+ 800.120	4	95	35 / 50	x1	047013

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

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

CÂBLE - Cable - Kabel



Welding Cable - Schweißkabel

EN 60246-5

H01N2-D

(Caoutchouc - Rubber)



⊗	↔ L	Ref.
16 mm ²	✂ x m	046207
	100 m	046252
	✂ x m	046306
25 mm ²	5 m	 045408
	100 m	046603
	✂ x m	046405
35 mm ²	100 m	046702
	✂ x m	046757
50 mm ²	100 m	046801
	✂ x m	046832
95 mm ²	✂ x m	046863

High Flexibility
Electrical Cable

⊗	↔ L		
10 mm ²	100 m	054882	054875
	✂ x m	054905	054899
16 mm ²	100 m	054929	054912
	✂ x m	054943	054936
25 mm ²	100 m	054967	054950
	✂ x m		

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

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

DOUILLES TEXAS - Dinze plugs - Anschlussbuchse



	I A max	⊗ mm	⊗ mm ²	⌀ mm	⌀	Compatibility	⊠	Ref.
DF 25.14	200	32	10/25	14	M8	CM 25.14	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					
	15 kg	16 kg	19 kg	20 kg	36 kg	50 kg	50 kg	70 kg	70 kg	70 kg
	60/90°	45/90/135°	45/90/135°	articulated 0 > 180°	45/90/135°	90°	90°	90°	45/60/75/ 90/105/135°	45/75/ 90/105/135°
	—	—	—	—	—	—	—	■	■	■
x ...	2	4	1	1	1	1	1	1	1	1
Ref.	047044	044180	044203	044302	044197	047051	047075	047068	047082	047099

GOUGEAGE - Gouging - Fugenhobeln

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

Pince de gougeage - Gouging Torch - Fugenhobel,
1000 A
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

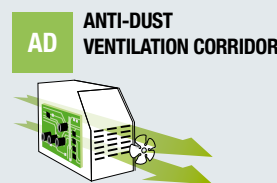
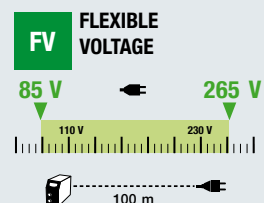
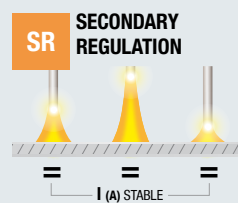
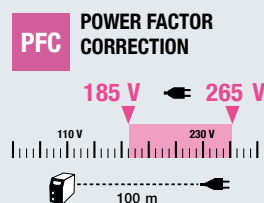
GYSMI 130P/160P/200P/
E160/E200FV
PROGYS 180A/200A PFC
044425PROGYS 200E FV
CEL/250TRI/CEL 250TRI/
FLEX 250CEL
044401

TIG

DC



PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK DESIGN



NEW
02/2016



21

1 & 3 ~ • TIG DC HF



**Power Supply
for Orbital TIG**

200 A 1 ~

012448



CAN Bus Protocol

NEW
04/2016



35/50 mm²

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

CEL
cellulose electrode
PULSE AID SR AD
TIG 300 DC HF
300 A 3 ~

MMA PULSE

IP 23
INDOOR
/OUTDOOR

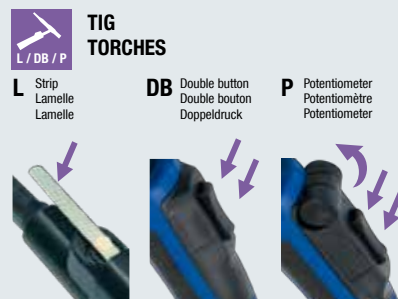
no accessories:
012318

OPTIONS TIG 300 DC HF

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

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

OPTIONS

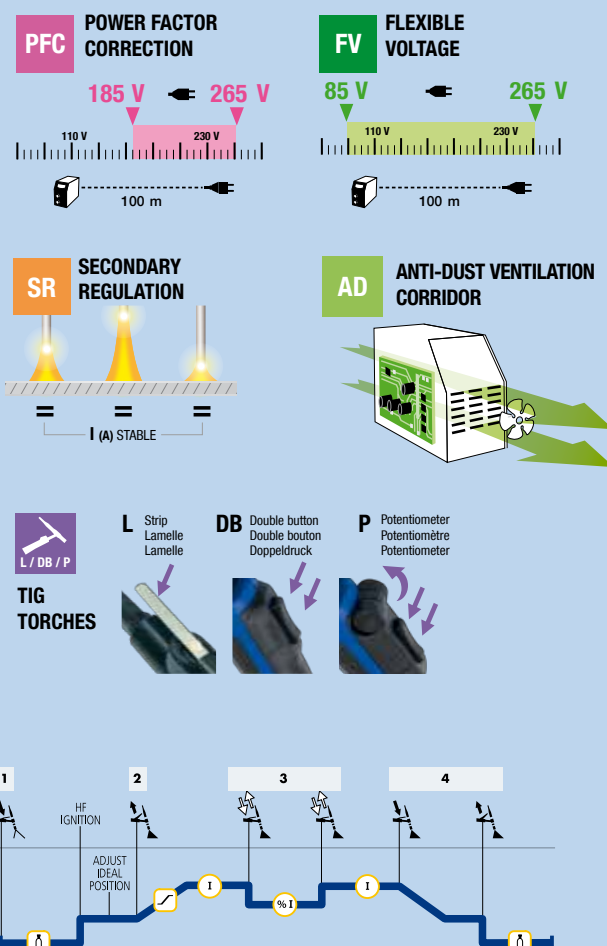


MADE IN FRANCE EN 60974-1	50 / 60 Hz	I ₂ TIG	I ₂ MMA	INTEGRATED TECHNOLOGY							TIG EN 60974-1 (40°C)		MMA EN 60974-1 (40°C)		U ₀	mm ²	cm	kg	Protected & compatible power generator (+/-15%)
				P400	PULSE	AID	PFC	FV	SR	CEL	IA (60%)	X% (12 max)	IA (60%)	X% (12 max)					
TIG 160 DC Lift	230V 1~	16	20 → 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	76	35/50	42 x 31 x 15	12	7 kW
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



OPTIONS



WELD 610

574 x 618 x 386 mm
040281

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

Diable 4m³

500 x 1060 x 450 mm
015678

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

Diable 10m³

550 x 1115 x 525 mm
039704

- ✓ 160 DC LIFT
- ✓ 168 DC
- ✓ 200 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



TIG 207 AC/DC-HF FV

5 200 A

no accessories :
011625



011618

TIG 208 AC/DC-HF

5 200 A

no accessories :
011823

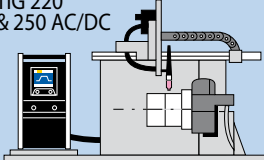


011816

 MADE IN FRANCE  EN60974-1	 		I ₂ TIG		INTEGRATED TECHNOLOGY						TIG			MMA		Freq. AC																																																																																																																																																																																																																																																																																																																																										
--	---	--	--------------------	--	-----------------------	--	--	--	--	--	-----	--	--	-----	--	-------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

X = TIG 220 AC/DC only

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



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
---	--



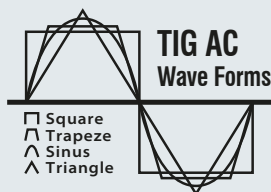
**Large 5 inch LCD
colour screen**

DC

DC

$I = 250 \text{ A}$ $t = 10 \text{ s}$

 = 250 A
 = 10 s

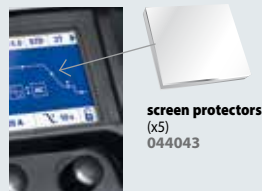


WCU 1kW A
1000W
cooling unit (3l)
8.6 kg
liquid not included
039773

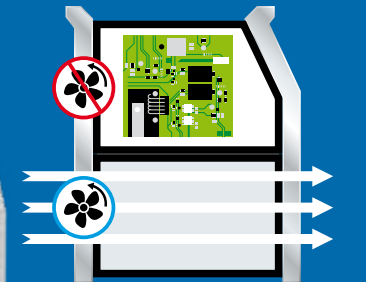


no accessories :
011908

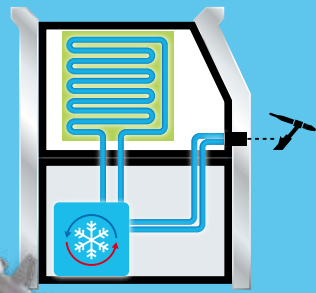
Hand remote control
8 m - 1 kg
045675



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
Fan Less

INDUSTRIE
LYON 2013

no accessories :
012004

25

1 & 3 ~ • TIG AC/DC

168 DC

TIG 168
DC-HFDiable 4m³
500 x 1060 x 450 mm, max 4 m³

SR9 L, 8 m

SR17 DB, 4 m



4 m, 25 mm²



2 m, 25 mm²



2 m, 25 mm²

pack TIG
168 DC L
011953pack 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



2 m, 25 mm²

Diable 4m³
500 x 1060 x 450 mm, max 4 m³10m³-XL/TM1
666 x 1032 x 484 mm, max 10 m³Diable 4m³
500 x 1060 x 450 mm, max 4 m³pack TIG
200 DC L1
011977pack TIG
200 DC L2
011984pack TIG
200 DC DB
011991

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 m³Diable 10m³
550 x 1115 x 525 mm, max 10 m³pack TIG
300 DC AL1
012325pack TIG
300 DC AL2
012332pack TIG
300 DC ADB1
012349pack TIG
300 DC ADB2
012356

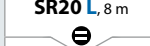
300 DC (Water Cooled)

TIG
300 DC-HF

SR20 L, 8 m



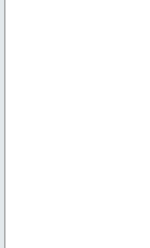
SR20 DB, 8 m



4 m, 25 mm²



4 m, 25 mm²

Diable 10m³
550 x 1115 x 525 mm, max 10 m³Diable 10m³
550 x 1115 x 525 mm, max 10 m³pack TIG
300 DC WL
012363pack TIG
300 DC WDB
012370

207 AC/DC

TIG 207
AC/DC-HF

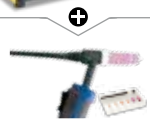
SR26 DB, 4 m

2 m, 25 mm²

2 m, 25 mm²

Diable 4m³
500 x 1060 x 450 mm, max 4 m³pack TIG
207 AC/DC DB
012059

208 AC/DC

TIG 208
AC/DC-HF

SR20 DB, 4 m

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

2 m, 25 mm²



2 m, 25 mm²

pack TIG
208 AC/DC DB
012066

220 AC/DC (Air Cooled)



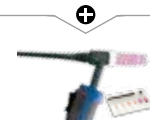
TIG 220 AC/DC-HF



4 m, 25 mm²



SR26 L, 8 m



SR26 DB, 8 m

10m³-XL/TM2
912 x 910 x 507 mm, max 10 m³Diable 10m³
550 x 1115 x 525 mm, max 10 m³pack TIG
220 AC/DC
AL1
012073pack TIG
220 AC/DC
AL2
012080pack TIG
220 AC/DC
AL3
012097pack TIG
220 AC/DC
ADB1
035751pack TIG
220 AC/DC
ADB2
012103pack TIG
220 AC/DC
ADB3
012127

220 AC/DC (Water Cooled)



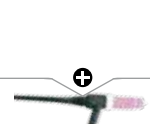
TIG 220 AC/DC-HF



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 m³Diable 10m³
550 x 1115 x 525 mm, max 10 m³pack TIG
220 AC/DC
WL1
012134pack TIG
220 AC/DC
WL2
012141pack TIG
220 AC/DC
WL3
012271pack TIG
220 AC/DC
WDB1
035768pack TIG
220 AC/DC
WDB2
012288pack TIG
220 AC/DC
WDB3
012295

250 AC/DC



TIG 250 AC/DC-HF

Chariots/Trolley
max 10 m³

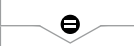
4 m, 25 mm²



SR18 L, 8 m



SR18 DB, 8 m



4 m, 25 mm²



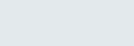
4 m, 25 mm²



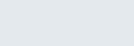
4 m, 25 mm²



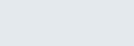
4 m, 25 mm²



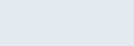
4 m, 25 mm²



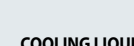
4 m, 25 mm²



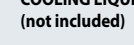
4 m, 25 mm²



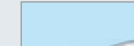
4 m, 25 mm²



4 m, 25 mm²



4 m, 25 mm²



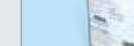
4 m, 25 mm²



4 m, 25 mm²



4 m, 25 mm²



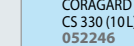
4 m, 25 mm²



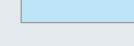
4 m, 25 mm²



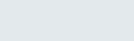
4 m, 25 mm²



4 m, 25 mm²



4 m, 25 mm²



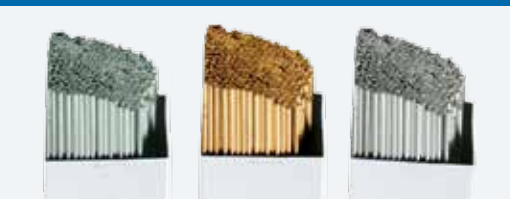
4 m, 25 mm²

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 E3* (AC/DC) Acier / Inox/ Alu NEW 2016	ALU ONLY WP PUR (AC) Alu - Aluminium - Aluminio
LANTHANEWL15 (AC/DC), 1.5% Acier / Inox/ Alu	
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

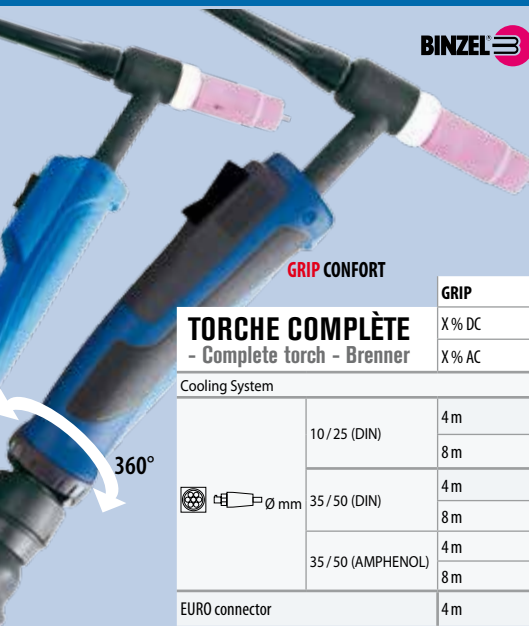
COMMANDES DÉPORTÉES - Remote control - Fernregelung



SUPPORT TORCHE TIG MAGNÉTIQUE - 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) 045033
N7 Ø 11	—	* (x3) 045033	* (x3) 045286
N8 Ø 12.5	—	(x3) 045170	(x3) 045293
N10 Ø 16	—	(x3) 045309	(x3) 045309
N12 Ø 19	—	(x3) 045309	(x3) 045309
Ø 1.6	* (x3) 044838	* (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) 045118
Ø 4	—	(x3) 047648	(x3) 047648
Bague d'étanchéité - Insulating ring adaptor	(x1) 044890	* (x1) 045040	* (x1) 045040
Ø 1.6	* (x3) 044852	* (x3) 044982	* (x3) 044982
Ø 2.0	(x3) 045132	(x3) 044999	(x3) 044999
Ø 2.4	* (x3) 044869	* (x3) 045019	* (x3) 045019
Ø 3.2	—	(x3) 045125	(x3) 045125
Ø 4	—	(x3) 047655	(x3) 047655
Coiffe - Back cap	Courte - Short (x1) 044814 Longue - Long (x1) 044821	* (x1) 044944 * (x1) 044951	* (x1) 044944 * (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) 045088
Ø 1.6	(x2) 044906	(x2) 045057	(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	P		
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		L	DB	AMPHENOL
TIG 250 AC / DC						L	DB	AMPHENOL

■ = original equipment

■ = original equipment

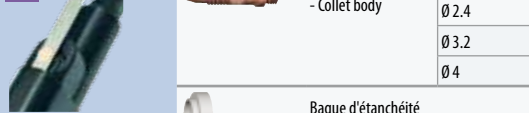
SR 9	SR 17	SR 26	SR 20	SR 18
L	DB	V	L	DB
GRIP	GRIP	GRIP	GRIP	GRIP
X% DC	110 A (35%)	140 A (35%)	180 A (35%)	220 A (100%)
X% AC	80 A (35%)	100 A (35%)	130 A (35%)	150 A (100%)
Cooling System	AIR	AIR	AIR	LIQUID
10 / 25 (DIN)	4m 044432	8m 044425	4m 046009	8m 044463
35 / 50 (DIN)	4m 044326	8m 046016	4m 044401	8m 044449
35 / 50 (AMPHENOL)	4m 044401	8m 046184	4m 046030	8m 046078
EURO connector	4m 046108	8m 046177	4m 046153	8m 046146

V



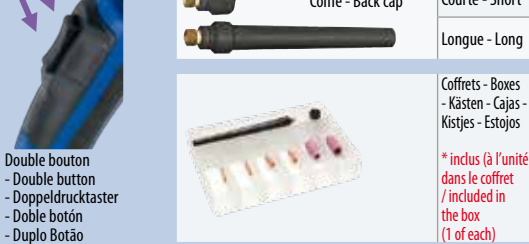
Á valve
- With valve
- Mit Drehventil
- Con valvula
- Com valvula

L



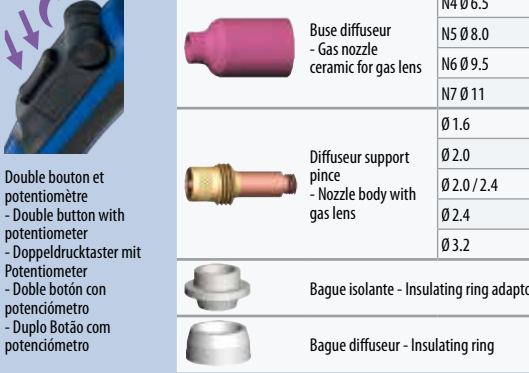
Gâchette à lamelle
- With trigger
- Mit Brenner Ein Aus-Taster
- Con pulsador
- Com segurança

DB



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

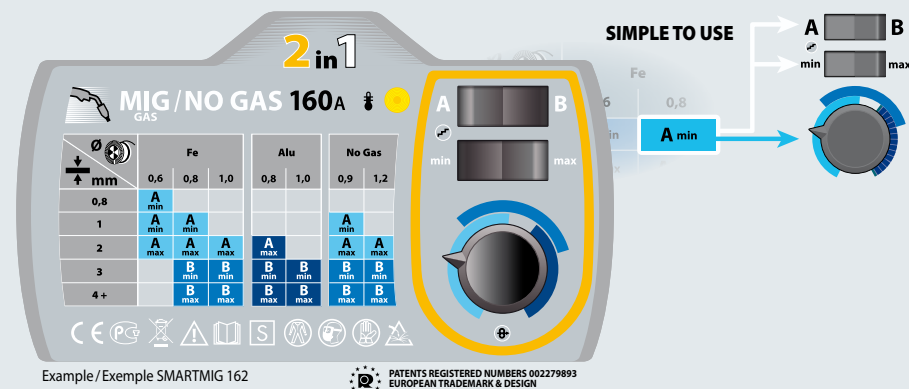
P



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

MIG/MAG

SMARTMIG

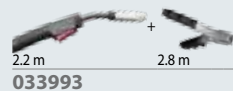


230V • 1~

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

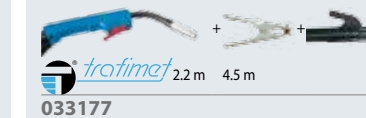
160A on 13A fuse



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

Enveloppe métallique / Metallic wrap / Metallischer Aussenmante

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

NO GAZ Ø mm

Special NO GAZ

150A Ref. 041868

	 EN60974-1				 Ø mm	 Ø mm	 Ø mm			 min + max	EN60974-1 (40°C)					Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica				 Protected & compatible power generator (+/-15%)	
		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	
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
06/2016

NEW
06/2016

EASY TO USE



Example / Exemple EASYMIG 140

PROFESSIONAL
MOTOR INSIDE



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

33

MIG/MAG • INVERTER • EASYMIG

NEW
09/2016

3
in 1

GAS
NO GAS
MMA

INVERTER

5 kg



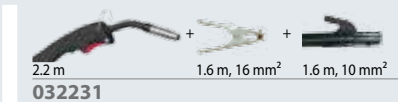
EASYMIG 130

130 A

Ø 100

INVERTER

MMA GAS NO GAS



032231



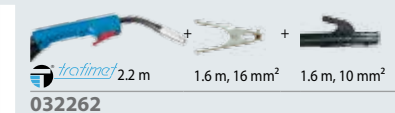
EASYMIG 140

140 A

Ø 100

INVERTER

MMA GAS NO GAS



032262



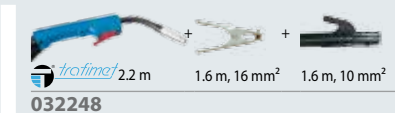
EASYMIG 150

140 A

Ø 100/200

INVERTER

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	70	120 A @ 20%	60	100 A @ 20%	62	0.6 / 0.8	0.8	38 x 16 x 35	8.6	8 kVA
												IA (60%)	X% (I ₂ max)	IA (60%)	X% (I ₂ max)						
EASYMIG 140		230V 1~	16	Antisticking	A	30 ÷ 140	100	200	⚡	0.6 ÷ 0.8	0.9	80	140 A @ 15%	70	120 A @ 15%	62	0.6 / 0.8	0.8	38 x 16 x 35	7.8	8 kVA
												IA (60%)	X% (I ₂ max)	IA (60%)	X% (I ₂ max)						
EASYMIG 150		230V 1~	16	Antisticking	A	30 ÷ 140	100	200	⚡	0.6 ÷ 0.8	0.9	80	140 A @ 15%	70	120 A @ 15%	62	0.6 / 0.8	0.8	40 x 21 x 33	9.6	8 kVA
												IA (60%)	X% (I ₂ max)	IA (60%)	X% (I ₂ max)						

MIG/MAG

INVERTER • PEARL



230V • 1~

PEARL 150-2

20 **150 A**

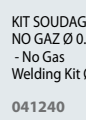
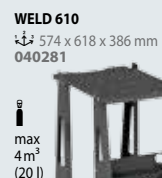
Ø 100/200



150 A on 13 A fuse



OPTIONS



1 MIG / MANUAL

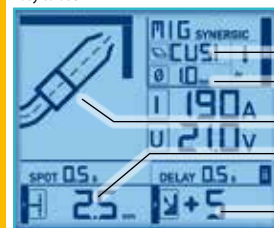
Enter your parameters



Adjust Spot & Delay

MIG / SYNERGIC

Easy to use



Select :

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

Adjust arc length

2 MMA



HotStart

ArcForce

3 TIG lift



Post Gas

Downslope

SYNERGIC • EASY TO USE

3 in 1



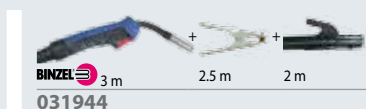
110 → 230V • 1~

PFC FV SR

Multi PEARL 200-2

20 **200 A**

Ø 100/200

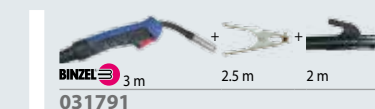


PFC FV SR

Multi PEARL 200-4 XL

20 **200 A**

Ø 200/300

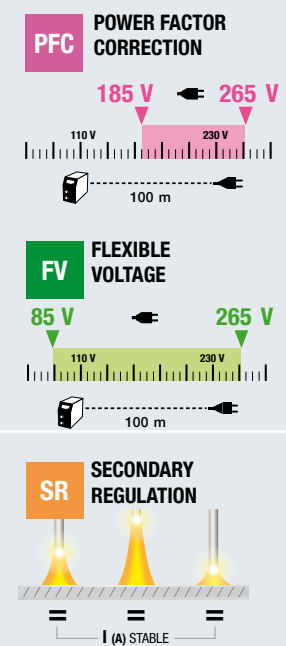
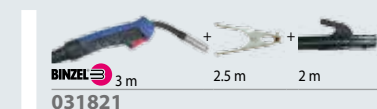


PFC FV SR

Multi PEARL 201-4

20 **200 A**

Ø 200/300

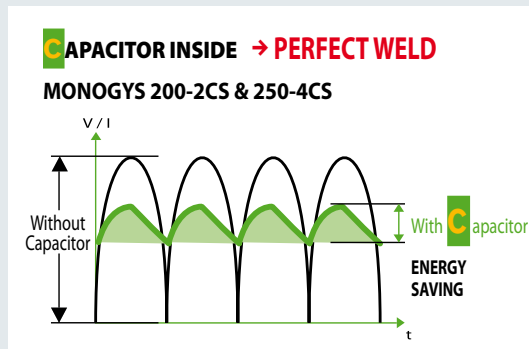


MADE IN FRANCE EN60974-1	50/60 Hz	A	INTEGRATED TECHNOLOGY			I ₂ MMA A	I ₂ TIG A	min → max A	Ø mm 100 200 300	Electronic Control	MIG		EN60974-1 (40°C)	U ₀ (V)	Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica		cm / kg	Protected & compatible power generator (+/-15 %)	MADE IN FRANCE EN60974-1
			PFC	FV	SR						GAS	NO GAS							
PEARL 150-2	230V 1~	13	—	—	—	—	—	20 → 150	■ ■ —	⊗	0.6 → 1.0	0.9	90	67	0.6/0.8	0.8	43 x 33 x 23 / 14	6kW 7.5kVA	PEARL 150-2
Multi PEARL 200-2	110V 1~	32	■	■	■	10 → 130	10 → 180	20 → 150	■ ■ —	⊗	0.6 → 1.0	0.9	110	85	0.6/0.8	0.8	45 x 35 x 25 / 16	7.5kW	Multi PEARL 200-2
	230V 1~	13	■	■	■	10 → 200	10 → 200	20 → 200	— ■ ■	⊗	0.6 → 1.0	0.9	135	85	0.6/0.8	0.8	55 x 44 x 25 / 20	7.5kW	
Multi PEARL 200-4 XL	110V 1~	32	■	■	■	10 → 130	10 → 180	20 → 150	— ■ ■	⊗	0.6 → 1.0	0.9	110	85	0.6/0.8	0.8	71 x 74 x 41	7.5kW	Multi PEARL 200-4 XL
	230V 1~	13	■	■	■	10 → 200	10 → 200	20 → 200	— ■ ■	⊗	0.6 → 1.0	0.9	135	85	0.6/0.8	0.8	71 x 74 x 41	7.5kW	
Multi PEARL 201-4	110V 1~	32	■	■	■	10 → 130	10 → 180	20 → 150	— ■ ■	⊗	0.6 → 1.0	0.9	110	85	0.6/0.8	0.8	71 x 74 x 41	7.5kW	Multi PEARL 201-4
	230V 1~	13	■	■	■	10 → 200	10 → 200	20 → 200	— ■ ■	⊗	0.6 → 1.0	0.9	135	85	0.6/0.8	0.8	71 x 74 x 41	7.5kW	

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



37

MONOGYS/TRIMIG
MIG/MAG



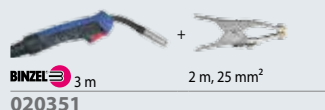
Max 4 m³
(20 L)



Max 10 m³
(50 L)

MONOGYS 200-2CS

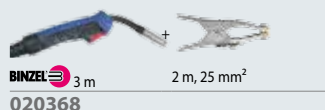
30 **200 A** ⚡
Ø 200 / 300



020351

MONOGYS 250-4CS

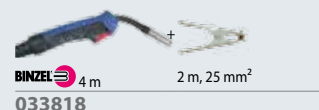
40 **250 A** ⚡
Ø 200 / 300



020368

TRIMIG 200-4S

30 **200 A** ⚡
Ø 200 / 300



033818

TRIMIG 250-4S.DV

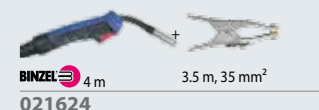
35 **250 A** ⚡
Ø 200 / 300



033825

TRIMIG 300-4S

35 **300 A** ⚡
Ø 200 / 300



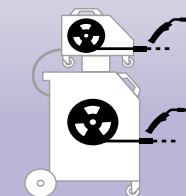
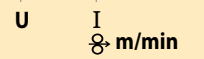
021624

no accessories:
033832

 MADE IN FRANCE EN60974-1								EN60974-1 (40°C)				Equipement d'origine Original equipment Originalausstattung Equipamiento de fabrica					 MADE IN FRANCE EN60974-1
	50/60 Hz	A	min + max	Reg	200	300	Electronic Control	IA (60%)	X% (I2 max)	GAS	Uo (V)				cm/kg	Protected & compatible power generator (+/-15%)	
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



MIG/MAG • PROMIG



033849

38

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

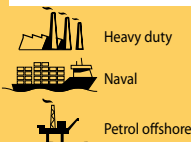
- 1 MMA
- 2 MMA • PULSE
- 3 TIG DC LIFT
- 4 GOUGING
- 5 MIG • Portable feeder
- 6 MIG • Wire feeder

CEL
cellulosic
electrode

HS AF MMA PULSE TIG LIFT SR AD

400V • 3~ 400 A

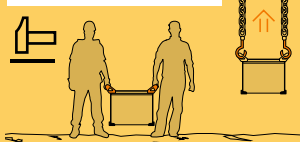
MULTI APPLICATIONS



IP 23



ROBUST DESIGN



EQUIPMENT
5

CHANTIER - JOBSITE

NEW
09/2016

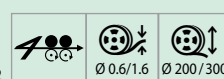


EXAGON 400 CC/CV
no accessories
010925

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

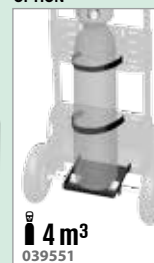
NOMADFEED
032415

Original equipment : Ø 1/1.2



DIABLE JOBSITE XL
600 x 1150 x 584 mm
039568

OPTION



OPTIONS

Torches

AIR COOLED
450 A Acier - Steel 4 m 045392

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

Pince de masse - Earth clamp

600 A
4 m
95 mm²

043831

Hand remote control

8 m
1 kg

045675

Filter kit
046580

EQUIPMENTS
1 2 3 4
p.12/13



V control Remote control 8 m/min / Inductance control

NEW
05/2016

400 A @ 60%

VRD
Voltage Reduction Device

IP 23

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	I ₂ TIG	I ₂ MIG	INTEGRATED TECHNOLOGY							MMA/TIG/MIG EN60974-1 (40°C)		U ₀	cm / kg	Protected & compatible power generator (+/-15%)
						HS	AF	MMA PULSE	TIG Lift	SR	AD	CEL	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



MIG/MAG

INVERTER • DOUBLE PULSE

NEOPULSE



ERGONOMIC & EASY

Large 5 inch LCD colour screen

Easy mode
Easy & intuitive

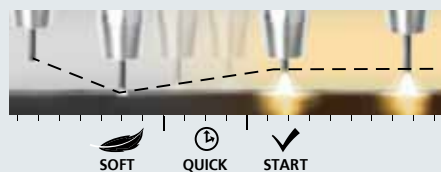


Pro mode
100% parameters



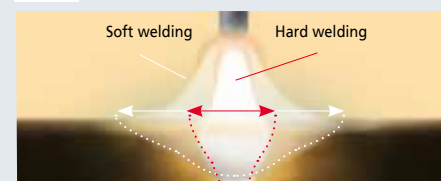
SQS SOFT QUICK START®

Vitesse d'accostage contrôlée



Adjustable inductance

Inductance réglable

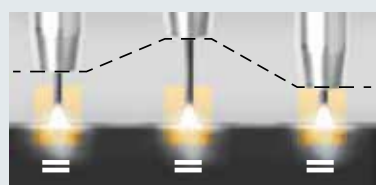
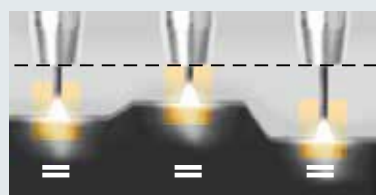


★ ★ ★ Ideal Alu & CuAl8/CuSi3



Stable arc/Constant penetration

Arc stable/pénétration constante



4 DRIVE ROLLERS

ø 37 mm, MOTOR 75 W
Rollers Type C

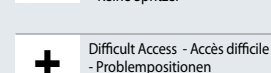


100% Burnback



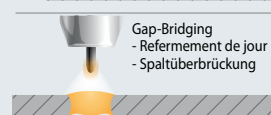
Spatter free

- Pas de projection
- Keine Spritzer



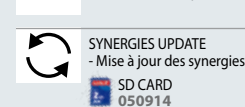
Difficult Access - Accès difficile

- Problempositionen



DSP FULLY DIGITAL

RJ12 - Software update



SYNERGIES

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

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

NEOPULSE 270-T1

15 **270 A**

75 W

no accessories/no trolley
022454



190 A @ 60%

PULSE IN PULSE

3 MICROPROCESSORS

EASY UPDATE
DIRECT COMPUTER



37 SYNERGIES

Mise à jour
- Update

SD CARD
050914

Potence - Cable support
032842

OPTION TROLLEY

845x982x605 mm
033931

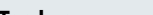
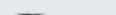
cooling unit (5l)
liquid not included
1300W
max 10 m³ (50 l)

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				SCREEN PROTECTION (x5) 044043
	250 A Acier - Steel	3 m 040700	400 A 4 m - 35 mm ² 043817				
	250 A Alu	3 m 040724					
	LIQUID COOLED						
	300 A Acier - Steel	3 m 040694					
	300 A Alu	3 m 040748					

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

MIG/MAG

INVERTER • DOUBLE PULSE

400 V • 3 Ø



240 A @ 60%

PULSE IN PULSE

FV TRI FLEXIBLE VOLTAGE



3 MICROPROCESSORS

EASY UPDATE
DIRECT COMPUTER

41 SYNERGIES

Mise à jour - Update
SD CARD 050914

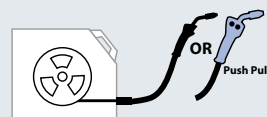
IP 23

INDOOR
/OUTDOOR

ROBUST DESIGN

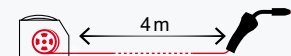


NEW
05/2016



PUSH PULL TORCH - 24 V
OPTION NEOPULSE 300

details p. 51



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

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

FV TRI

NEOPULSE 300

15 **270 A**

75 W

no accessories/no trolley
032767

OPTIONS

Torches	
AIR COOLED	250 A Acier - Steel 3 m 040700
	250 A Alu 3 m 040724
LIQUID COOLED	300 A Acier - Steel 3 m 040694
	300 A Alu 3 m 040748

Pince de masse
- Earth clamp

400 A
4 m - 35 mm²
043817



SCREEN
PROTECTION
(x5)
044043

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



NEOPULSE 400

10 **400 A**

no accessories/no trolley
032774

400 A @ 60%

PULSE IN PULSE

4 MICROPROCESSORS

POWER DIGITAL
CONTROL

EASY USB UPDATE
DIRECT COMPUTER

> 80 SYNERGIES

Mise à jour - Update
SD CARD 050914

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

	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 mm² 043831
	Analog Remote Control 10 m 047679		
	SCREEN PROTECTION (x5) 044043	Filter kit 046580	

NEOPULSE 300	50/60 Hz	A	Ø mm	A	24 V	200	300	0.8/1.0 mm	ELECTRONIC CONTROL	220	240 A @ 45%	10 kVA
NEOPULSE 400	230V ~ 3 ~	20	0.6 + 1.2	15 + 240	—	—	—	—	—	240	240 A @ 60%	12.5 kVA
NEOFEED 4L	400V ~ 3 ~	16	—	15 + 270	—	—	—	—	—	400	400 A @ 60%	30 kVA
	400V ~ 3 ~	32	—	10 + 400	OPEN 24/42 V	—	—	1.0/1.2 mm	—	—	63 x 44 x 29/19	—

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

WSS-4L

MAGYS 400 GR

10 m, air, ø 70 mm²

4 m, 50 mm²

Ø0.8/1 (original equipment WSS-4L)

Fe/CrNi 350 A, 4 m, air

Alu 350 A, 3 m, air

Alu, Ø1/1.2 (x2)

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

WSS-4L

MAGYS 500 WS

10 m, liquid

4 m, 70 mm²

Ø0.8/1 (original equipment WSS-4L)

Fe/CrNi 500 A, 4 m, liquid

Alu 500 A, 3 m, liquid

Alu, Ø1/1.2 (x2)

EXAGON

EXAGON 400 CC/CV

Air Cooled

EXAFED 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

EXAFED 4L

EXAGON 400 CC/CV

10 m, liquid, ø 95 mm²

EXACOL 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-T1

Air Cooled

Water Cooled

NEOPULSE 270-T1

NEOPULSE 270-T1

(x2) Ø0.8/1 (Original Equipment)

4 m, 35 mm²

NEOPULSE 270-T1

845 x 982 x 605 mm

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

Fe/CrNi 250 A, 3 m

Alu 250 A, 3 m

Alu, Ø1/1.2 (x2)

pack NEOPULSE 270-T1 A1 022478

pack NEOPULSE 270-T1 A2 022492

pack NEOPULSE 270-T1 W1 022485

pack NEOPULSE 270-T1 W2 022508

NEOPULSE 300

Air Cooled

Water Cooled

NEOPULSE 300

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 250 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

NEOPULSE 400

NEOPULSE 400

10 m, liquid, ø 95 mm²

NEOPULSE 400

NEOPULSE 400

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

4 m, 70 mm²

NEOPULSE 400

1150 x 1200 x 515 mm

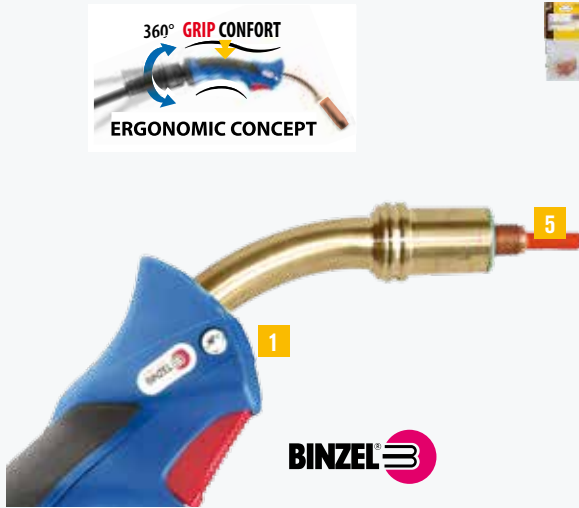
Fe/CrNi 500 A, 4 m, liquid

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% 40°C ArCo ₂	150A - 60%	200A - 60%	290A - 60%	450A - 60%	270A - 100%	380A - 100%
GRIP	3m	GRIP 3m	GRIP 3m	GRIP 4m	GRIP 3m	GRIP 4m
L	3m	3m	3m	4m	3m	4m
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
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 - Punktdüse	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 4 m
Ø 1.0x1.2	3 m 4 m
Ø 1.2x1.6	3 m 4 m
Ø 1.6x2.4	4 m

ALU - Aluminium - Aluminio				
AIR			LIQUID	
150A	250A	350A	300A	500A

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%
3m	GRIP 3m	GRIP 4m	GRIP 3m	GRIP 4m
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	350 A	300 A	500 A
041059	041059		041059	
041066	041066	419766	041066	419766
041073	041073	419773	041073	419773
		041080		041080

150 A	250 A Ø15	350 A Ø16	300 A	500 A Ø16
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
Ø 0.6x0.8	3 m 4 m	041578 044050
Ø 1.0x1.2	3 m 4 m	041585 044067
Ø 1.2x1.6	4 m	044074
	Carbon	Carbon
Ø 0.6x0.8	4 m	039834
Ø 1.0x1.2	4 m	039827
Ø 1.2x1.6	4 m	039810

COFFRETS - Boxes - Kästen - Cajas - Kistjes - Estojes

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
- Spool Gun Brenner
041486

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



PUSH PULL TORCH - 24 V

OPTION NEOPULSE 300



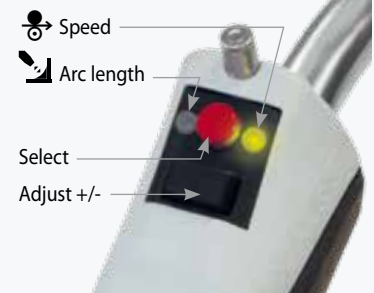
Ideal Alu
MB15
Ø 0,8

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

Ideal Alu
MB25
Ø 1,2

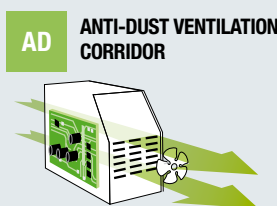
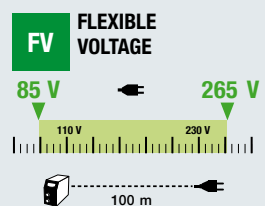
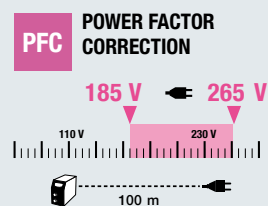
220 A (20%)
Original equipment :
Ø 0,8-1,0/1,2
4m, 3 kg
046283

Welding Parameters access



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



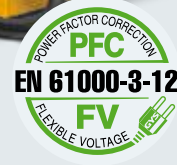
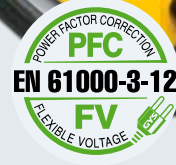
55

PLASMA CUTTER

Kompressor inside



INCLUDED :
8 mm
10 mm



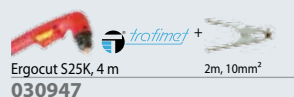
P400

CUTTER 25 K

25 A

ALU 4 mm
INOX/STEEL 6 mm

20 A on 13 A fuse



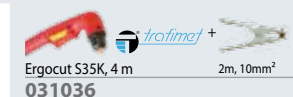
P400 PFC AD

CUTTER 35 KF

35 A

ALU 8 mm
INOX/STEEL 12 mm

30 A on 13 A fuse



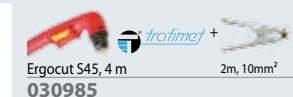
P400 PFC FV

CUTTER 31 FV

30 A

ALU 8 mm
INOX/STEEL 10 mm

30 A on 13 A fuse



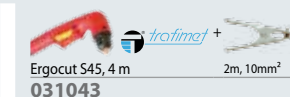
P400 PFC FV AD

CUTTER 40 FV

40 A

ALU 10 mm
INOX/STEEL 15 mm

30 A on 13 A fuse

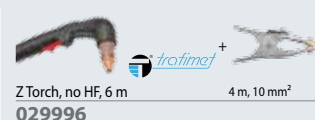


AD

CUTTER 85A TRI

85 A

ALU 30 mm
INOX/STEEL 40 mm

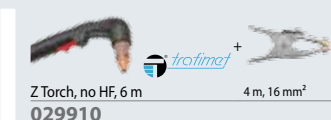
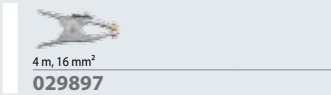


AD

CUTTER 125A TRI

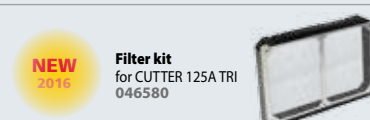
125 A

ALU 55 mm
INOX/STEEL 55 mm



OPTIONS

Chariots - Trolleys - Fahrwagen

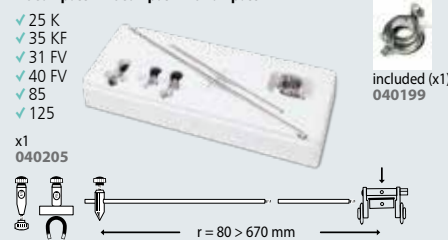


OPTIONS

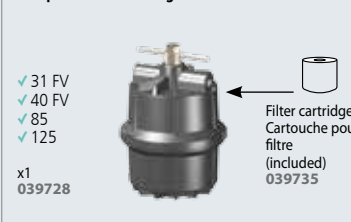
Trolleys - Chariots - Fahrwagen



Kit compass - Kit compas - Kit Kompass



Filtre déshumificateur - Compressed air cleaning filter



 MADE IN FRANCE EN60974-1			I ₂	 mm						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	KOMPRESSOR INSIDE	mini.	maxi.	ideal	IA 60%	X% 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 25	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	40	51 x 37 x 21	20	8 kW	
CUTTER 85A TRI	400V 3~	32	25 ÷ 85	18	15	30	25	40	30	—	—	—	■	—	5	9	5.5 (270 L/min)	85	60	62 x 44 x 30	32	20 kW	25 kVA
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



mm	0.5	1	2	4	6	8	10 mm	15 mm	18 mm	20 mm	25 mm	30 mm	40 mm	50 mm	57 mm
40 A Al/CrNi Fe															
60 A Al/CrNi Fe															
85 A Al/CrNi Fe															
110 A Al/CrNi Fe															
125 A Al/CrNi Fe															

Consommables - Consumables

Z TORCH & Z AUTO

								
	Tube de refroidissement - Tube - Kühlrohr	Electrode - Schneidelektrode	Diffuseur - Diffuser - Swirl Ring	Tuyère - Tip - Schneiddüse	Buse - Nozzle - Schneiddüsenhalter	Patin/protecteur - Sheld - Kontaktschutzkappe	Z (manual)	Z auto
CUTTER 85A								
CUTTER 125A								
40A (25-45A)								
60A (45-65A)	x1 040069	x5 040076	x1 040083	x5 039759	x1 040090	x1 040113	special Gouging 040052	x1 040021
80A (65-85A)				x5 039766				
BOX 40/60/80 A	x1 039940	+ x3	+ x1	+ x3 (40 A) + x3 (60 A) + x3 (80 A)	+ x1	+ x1		
110A	x1 040069	x5 039629	x1 040083	x5 039667	x1 040090	x1 039681	special Gouging 039612	x1 039643
130A				x5 039650		x1 039674	special Gouging 039605	x1 039636
BOX 110/130 A	x1 039698	+ x3	+ x1	+ x3 (110 A) + x3 (130 A)	+ x1	+ x1 (110 A) + x1 (130 A)		

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



CUTTER 25K

	x10	x2	x10	x4
040168	040175	040151	040182	

BOX S25K

	x3	+ x1	+ x3	+ x1
039971				



CUTTER 35K

	x10	x2	x10	x4
040168	040175	040212	040229	

BOX S35K

	x3	+ x1	+ x3	+ x1
039964				



CUTTER 31FV & 40FV

	x10	x2	x10	x4
040168	040175	040212	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

pack CUTTER 31 FV
029798

CUTTER 40 FV



CUTTER 40 FV



PLASMA 800



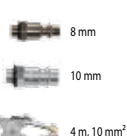
Ergocut S45, 4 m
2m, 10mm²

pack CUTTER 40 FV
029811

CUTTER 85A TRI



CUTTER 85A TRI



8 mm
10 mm
4 m, 10 mm²

pack CUTTER 85A TRI M1
029996

CUTTER 85A TRI M2



Z Torch NO HF
MANUAL 6 m



Trolley

pack CUTTER 85A TRI M2
029828

CUTTER 85A TRI M3



Z Torch NO HF
AUTO 15.2 m



Trolley



Kit CNC
(Computer Numerical Control)

pack CUTTER 85A TRI A
029842

CUTTER 125A TRI



CUTTER 125A TRI



8 mm
10 mm
4 m, 16 mm²

pack CUTTER 125A TRI M1
029910

CUTTER 125A TRI M2



Z Torch NO HF
MANUAL 15.2 m



Trolley

pack CUTTER 125A TRI M2
029859

CUTTER 125A TRI M3



Z Torch NO HF
AUTO 15.2 m



Trolley

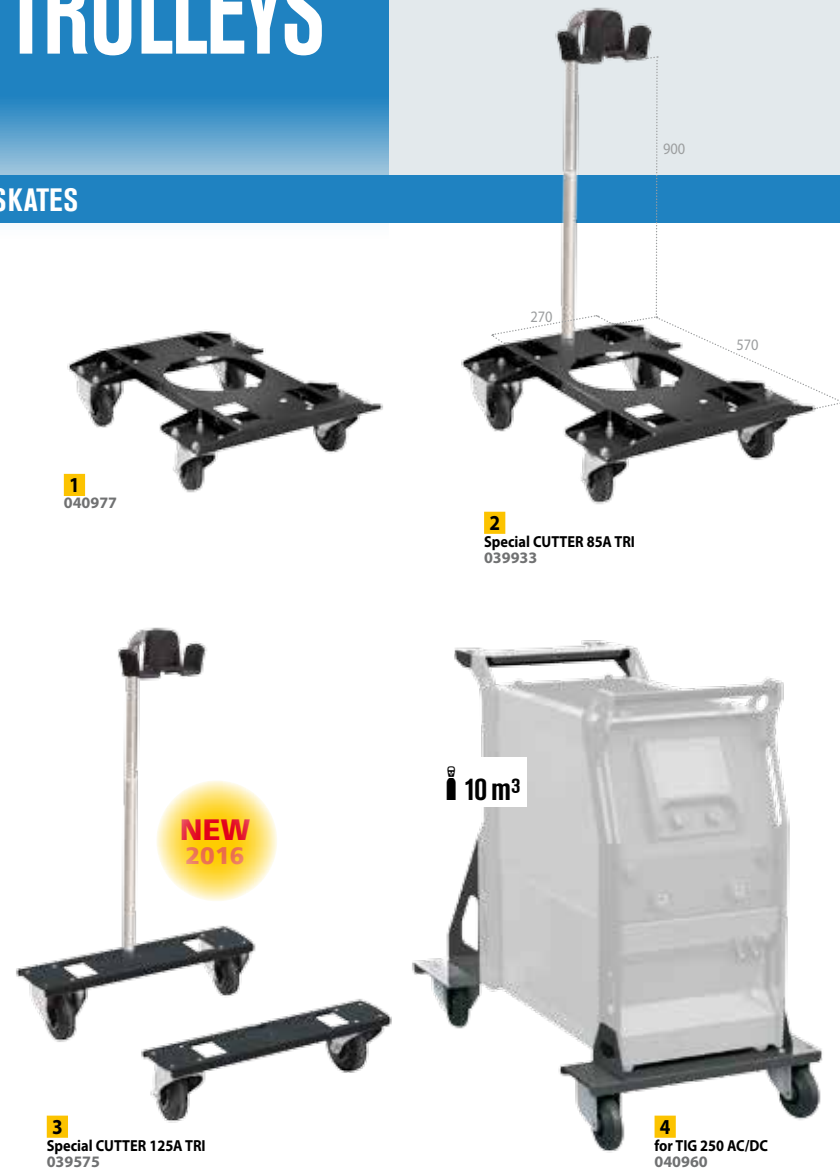


Kit CNC
(Computer Numerical Control)

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
MMA	PROGYS CEL 250TRI								✓				✓	✓							
	PROGYS FLEX 250 CEL								✓				✓	✓							
	EXAGON 400										✓			✓				✓			
TIG	TIG 160 DC lift						✓					✓	✓	✓							
	TIG 168 DC HF						✓		✓			✓	✓	✓							
	TIG 200DC HF FV						✓		✓			✓	✓	✓							
	TIG 300 DC HF									✓		✓	✓	✓							
	TIG 207 AC/DC-HF FV						✓		✓	✓		✓	✓	✓							
	TIG 208 AC/DC-HF						✓		✓	✓		✓	✓	✓							
	TIG 220 AC/DC-HF									✓		✓	✓	✓							
	TIG 250 AC/DC-HF				✓																
MIG	MultiPEARL 200-2						✓		✓					✓							
	MultiPEARL 200-4 XL						✓							✓							
	WS-4R	✓																			
	WS-4L	✓																			
	EXAGON 400										✓			✓				✓			
	NEOPULSE 270-T1							✓											✓		
	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



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

INDUCTION HEATING 1 or 3 ~



**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
POWERDUCTION 160L	400V 3~	25 mini	16 000	15	•	10	4	120x60 x50
								65
								190

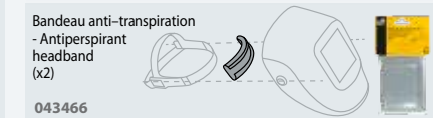
LUNETTES DE PROTECTION - Protection goggles - Schutzbrillen

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



Soudure chalumeau - Torch welding
- Soldadura con soplete
- Autogenschweißen

HELMETS TEINTE SHADE 11



HAND MASK 11

MMA · TIG · MIG/MAG : 25 A · 175 A

HAND MASK
042209



MANUAL 0/11

MMA · TIG · MIG/MAG : 25 A · 175 A

FLIP FLAP
042513



LCD 11

MMA · TIG · MIG/MAG : 10 A · 175 A

LCD TECHNO 11
042537



LCD MASTER 11
043442



LCD EXPERT 11
040755



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

HELMETS

TEINTE
SHADE 9/13

EN 175-EN 379



LCD TECHNO 9/13
042544

LCD MASTER 9/13 G
040861

LCD PROMAX 9/13 G GOLD
045767

LCD PROMAX 9/13 G SILVER
045774

LCD EXPERT 9/13 G CARBON
040878

LCD EXPERT 9/13 G
042216

ERGOTECH 5-9/9-13
SILVER
044173

ERGOTECH 5-9/9-13
BLACK
045477



LCD HERMÈS SILVER
040908

LCD HERMÈS RED
040885

LCD HERMÈS GOLD
040892

LCD ZEUS 5-9/9-13 G
FIRE
044098

LCD ZEUS 5-9/9-13 G
COSMIC
044104



IDEAL



GYSMATIC 9/13 G
043909



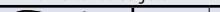
GYSMATIC 5/13 XL
046818



LCD SPACEVIEW 5-9/9-13
040717

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

VERRES - Lense - Schutzgläser

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



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

NAVITEK 9/13 +G VISOR
045842



Air 180 & 220l / min



Visor (x5)
045828

Filtration class
EN 12941 :
TH2 P R SL



045866



045866

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

Class M0

NEW
2016NEW
2016

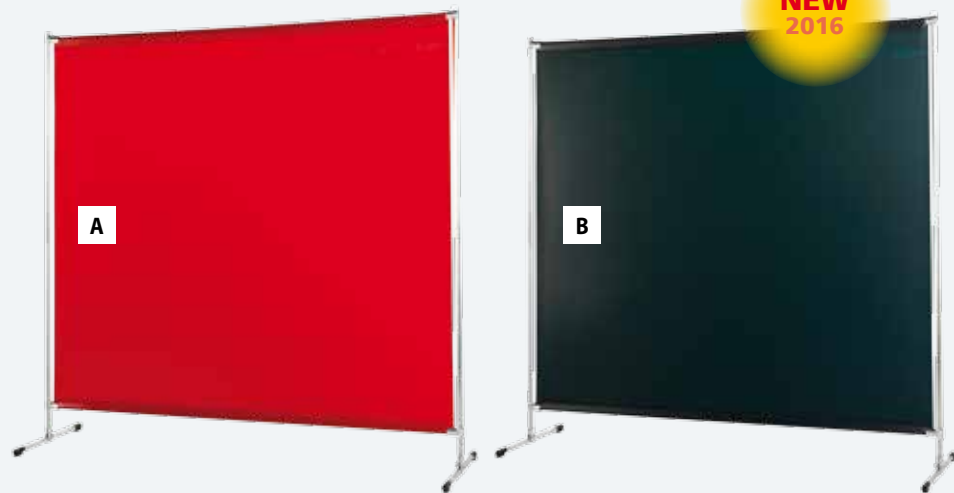
	PROTEC 550	PROTEC 1200	PROTEC 1300	PROTEC 1300L
Protection	M0	M0	M0	—
temperature	550°C/1000°F	1200°C/2200°F	1300°C/2400°F	1300°C/2400°F
↕ mm	2000 x 2000	1750 x 1500	2000 x 1800	2000 x 1800
g/m²	580	1200	620	420
ref	050495	050204	053595	060500



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 OPTI 200.O	B OPTI 200.G	C OPTI 215.O	D 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 - Atemschutzmaske - Máscaras respiratorias desechables



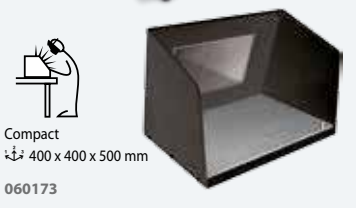
FFP1
(x20) EN 149-2001
043916

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

CABINE DE SOUDAGE - Welding booth - Schweißstand



↕ 590 x 450 x 1000 mm
060050



Compact
↕ 400 x 400 x 500 mm
060173

GANTS DE SOUDAGE - Welding gloves - Handschuhe - Guantes



Heavy Duty T10
(MMA - MIG - Plasma)
045101



Gants de soudage
Renforcés - Reinforced welding
gloves
T10
045873



Gants de soudage
Aluminisés - Aluminium coated
welding gloves
T10
045880



Gants PRO TIG
T10
045194



Gants PRO TIG EXTRA
T10
045323

GANTS DE MANUTENTION - Handling gloves - Handschuhe - Guantes



EN388:4343
Anti coupeure -
Anti-cut
T9:
045897



✓ écran tactile
- touch screen friendly

Anti coupeure
haute résistance
High resistance
anti-cut

EN 420
EN 388:3131
T9:
045910
T10:
045927



Anti coupeure
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
EN 11611
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
(Argon/CO₂)
041639



12L/min
041820



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



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



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

CARTOUCHES DE GAZ

- Disposable bottles - Einweggasflaschen



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

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

PRÉCHAUFFEUR DE GAZ - Gas preheater

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

(FR & DE) 046511

**NEW
2016**



LIQUIDE ANTI-GRATTONS

- Anti spatter fluid
- Antihafmittel



10L
054134

PULVÉRISATEUR MÉTALLIQUE

- Metallic spray bottle
- Metallische Sprühflasche



054127

PÂTE ANTI-ADHÉRENTE

- Anti spatter paste
- Antihaf-Paste



300g
054110

SPRAY PROTECTION CÉRAMIQUE

- Ceramic protective spray
- Keramisches Schutzspray



054141

RACCORDS GAZ- Gas connector

- Gasanschlüsse



x2
045712



Ø 9 mm
x1
046245



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

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

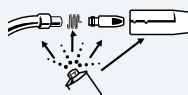
**NEW
06/2016**



	MAGNETIC P15.90	MAGNETIC P16.90	MAGNETIC P19.90	MAGNETIC P20.180	MAGNETIC D36.90	MAGNETIC D50.90 DUAL	MAGNETIC D50.90	MAGNETIC D70.90M	MAGNETIC D70.120M	MAGNETIC D70.135M
	Classic				Switchable ON/OFF					
 max	15 kg	16 kg	19 kg	20 kg	36 kg	50 kg	50 kg	70 kg	70 kg	70 kg
	60/90°	45/90/135°	45/90/135°	articulated 0 > 180°	45/90/135°	90°	90°	90°	45/60/75/90/105/135°	45/75/90/105/135°
	—	—	—	—	—	—	—	■	■	■
x	2	4	1	1	1	1	1	1	1	1
Ref.	047044	044180	044203	044302	044197	047051	047075	047068	047082	047099

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



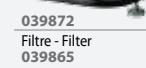
= 100 m³/h

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



230 V connection

792 mm

347 mm

Filtre - Filter
(included)
046498

UNI 2.0

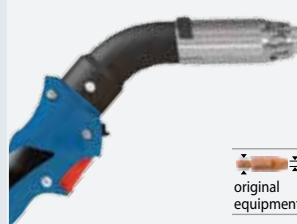
• 400V / 3 ~ / 50 Hz
• 1100 W
• 1300 m³/h max
• arm 3 m
• no plug
• 100 kg
• extraction 0.5 m/s

046443



Filtre - Filter
(included)
046467

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



	Acier/Inox - Steel/Stainless steel - Stahl/Edelstahl			LIQUID
	AIR 150A	250A	350A	500A
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'ÉTAÏN - Soft Soldering



60W
040373



COMPLETE 100W
040397

Pompe à dessouder
- Desoldering pump
- Entlötpumpe



040380

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

Norm ISO EN 9453



	Norms		Composition %			T° fusion °C	Décapant - Flux	Ø mm	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 PROFESSIONNELLES - Professional heating torches

PIEZO START

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



040342

PIEZO START

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



052741

LIGHTER START

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



040359

CARTOUCHES DE GAZ - Gas Cartridges

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

BAGUETTES - Rods - Lötstäbe



	Norms		Composition %					T° fusion °C	Décapant - Flux	Ø mm	L mm	X...	Ref.
	DIN 8513	EN	Ag	Cu	Zn	P	Iron						
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
		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	—	—	800-830	—	1.5	333	2	047235
		EN1044-Ag 105 EN 17672-Ag 140	40	30	28	—	—	640-700	paste (ref. 047440)	1.5	333	2	047266
Argent 40% - Silver 40%	L-Ag 40Sn	EN1044-Ag 104*	45	27	25	—	—	640-680	—	1.5	333	2	047259
Argent 45% enrobée - Coated silver 45%	L-Ag 45Sn	EN 17672-Ag 145	45	27	25	—	—	640-680	—	1.5	333	2	047259
Laiton - Brass	L-Cu Zn40	EN1044-Cu 301 EN 17672-Cu 470a	—	60	40	—	—	890-900	powder (ref. 047457)	2	333	5	040472
		EN1044-Cu 305 EN 17672-Cu 773	—	48	41.8	—	—	920-935	—	2	500	8	047297
Laiton enrobée - Coated brass	L-CuNi10 Zn42	EN1044-Cu 305 EN 17672-Cu 773	—	48	41.8	—	—	920-935	—	2	500	32	047815
Bronze	—	—	—	58	40	—	—	—	powder (ref. 047457)	2	270	6	040489
Alu Zn Al 2	—	EN 1044	—	—	98	—	—	375-388	integrated	2	500	2	047433
Acier cuivré	—	EN12536: O II	—	0.15	—	0.012	98	Si 0.2 - Mn 1	—	1.6	333	10	047150
										2	333	10	047167
										2	500	10	047174

Décapant - Flux

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

Poudre pour laiton
- Powder for brass
T° work 800-1000 °C, 100g
047457

* not for Cu/Cu brazing

CHALUMEAUX - Torches

Chalumeau soudeur - Welding torch (type SO)

capacity : 0,4 > 4 mm
L = 330 mm
320 g

039001

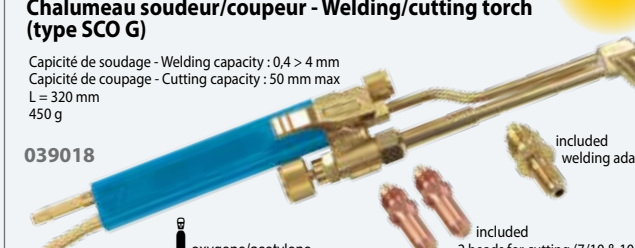


oxygene/acetylene

Chalumeau soudeur/coupeur - Welding/cutting torch (type SCO G)

Capacité de soudage - Welding capacity : 0,4 > 4 mm
Capacité de coupage - Cutting capacity : 50 mm max
L = 320 mm
450 g

039018



oxygene/acetylene

included
2 heads for cutting (7/10 & 10/10)

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

capacity : 0,4 > 4 mm

039117



oxygene/acetylene (welding)
oxygene/acetylene or oxygene/propane (cutting)

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



Lot anti-retour pare flamme OX/AD
- Flameproof non-return valves kit
EN 730-1

for Ø 6,3 or 10 mm
x2
039070



x4 - for Ø 6,3 mm (ID)

Raccords rapides OX/AD
- Quick release connectors OX/AD
EN 730-1
039087



x4 - for Ø 6,3 mm (ID)

DÉTENDEURS - Pressure reducing valves

EN 585/ISO 2503

Oxygene
5 m³/h
039032

Acetylene
1 m³/h
039056

PRO
max 70 m³/h
moy 31 m³/h

Oxygene
039049

Acetylene
039063

KIT TUYAUX - Hoses kit

EN 559/ISO 3821

Kit OX + AD
2 x 4 m
Ø 6,3 mm

039094



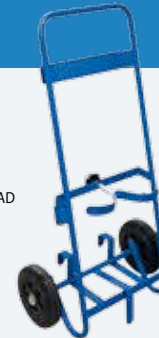
x8

CHARIOT - Trolley

NEW 2016

for 1 m² OX & AD
950 x 350 mm

039100



POSTE BIGAZ - Soldering/Brazing kit - Autogenschweißset



040366



included

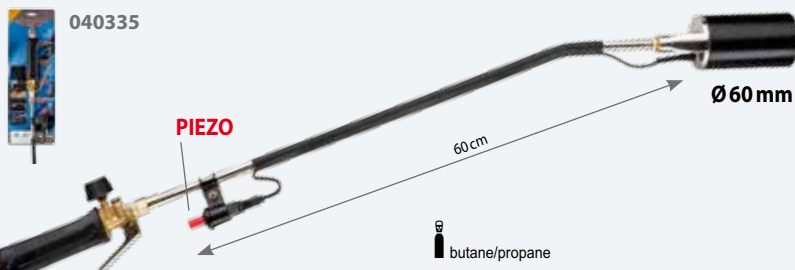
Oxygène - Oxygen bottle
1101
040458

Novacet
600 ml/330 g
040434

3 100°

CHALUMEAU RÉGLABLE - Asphalt torch with burner - regelbarer Schweißbrenner

040335



PIEZO

60 cm

Ø 60 mm

butane/propane

KIT CHALUMEAU 3 BRULEURS - Blow torch kit - Schweißbrennerset



Ø 17 mm

1.5m

butane

040328

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



x 5
047563

NEW 2016

BRIQUET À TASSE - Cup lighter



040403

LUNETTES DE PROTECTION - Protection goggles - Schutzbrillen



Shade/IR5
042803



Shade/IR5
042858

VALISE D'ÉTALONNAGE - Calibration set

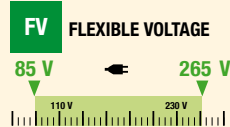
EN 1090 & EN 50 504

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



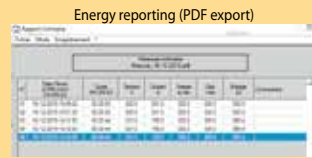
NEW
04/2016

GCU 1.0
060456

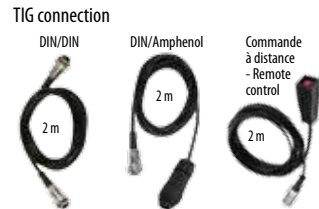


Parameters (precision)								
U	I	⚡	All gas	⬆️	⚙️	IP		
TRMS / Moy / Instant	TRMS / Moy / Instant							
1 > 120 V (± 0.5%)	1 > 500 A (± 0.5%)	1 > 30 m/min (± 1%)	1 > 30 L/min (± 5%)	21 x 43 x 57 cm	12 kg	67		

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

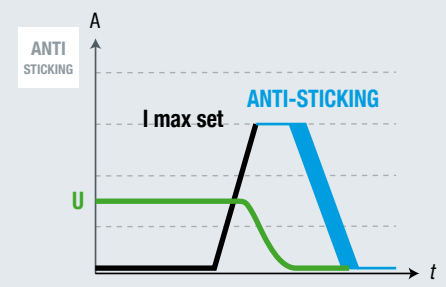
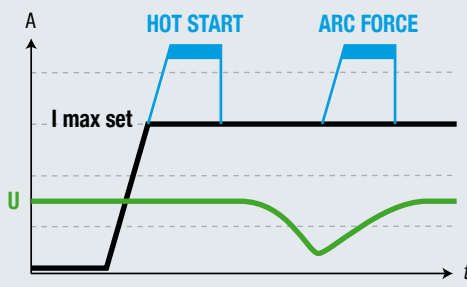


TECHNOLOGIES

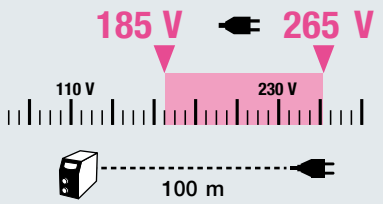
HOT START
HS 60%

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

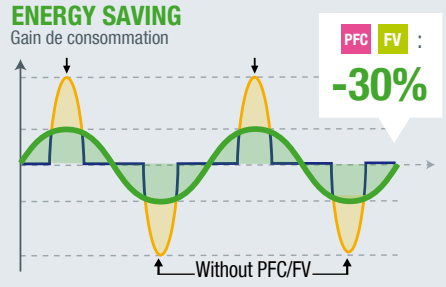
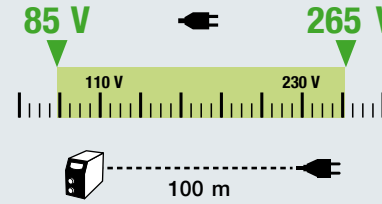
ARC FORCE
AF 100%
ARC FORCE adjustable
0 % < + 100 %



PFC POWER FACTOR CORRECTION
Correction de facteur de puissance



FV FLEXIBLE VOLTAGE
Dynamique d'alimentation

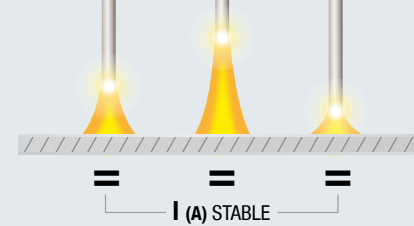


P400 PROTEC 400

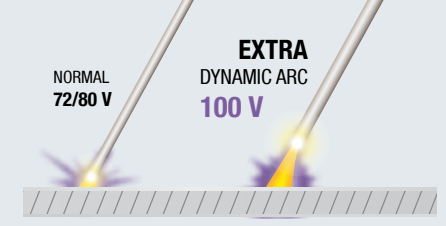


Tested on 400 V in production
Testé en production à 400 V

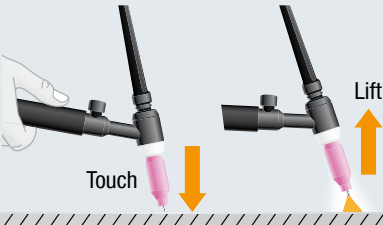
SR SECONDARY REGULATION
Régulation au secondaire



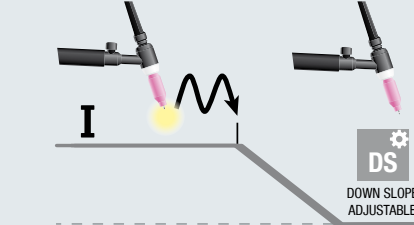
CEL CELLULOSIC ELECTRODE
Électrode cellulosique



TIG LIFT



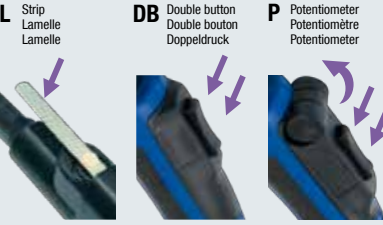
ADS AUTO DOWN SLOPE
Évanouissement d'arc automatique



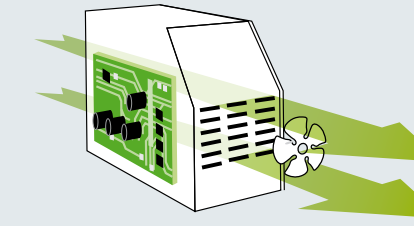
ADJUST IDEAL POSITION
Aide au positionnement



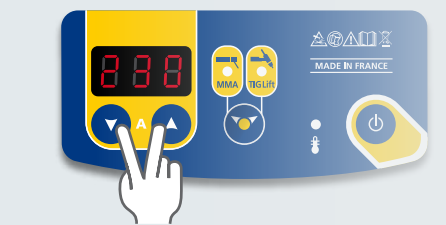
TIG TORCHES
Torches TIG



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



VT VOLTAGE TEST
Test de tension





TRAINING CENTRE

Formations agréées - Ref. 52 53 0068153



INTERNATIONAL EVENTS



Distributed by

GYS France

BP 4159
53941 Saint-Berthevin
ZI, 134 bd des Loges
Laval
France
Fax : (+33) 2 43 68 35 21

www.gys.fr
E-mail : contact@gys.fr

GYS Germany

Professor-Wieler-Straße 11
52070 Aachen
Deutschland
Tel : (+49) 241 / 189-23-710
Fax : (+49) 241 / 189-23-719
www.gys-schweissen.com
E-mail : aachen@gys.fr

GYS UK

Unit 3
Great Central Way
Rugby - Warwickshire - CV21 3XH
United Kingdom
Tel : (+44) 1926 338 609
Fax : (+44) 1926 429 764
www.gys-welding.com
E-mail : uk@gys.fr

GYS Italia

C.P. 158 - Mestre Centro
30171 Mestre-Venezia
Italia
Tel : (+39) 340 3677916
E-mail : italia@gys.fr

GYS India

796/1A-A, Avinashi road
opp to Decathlon
Neelambur, Coimbatore
641062 Tamil Nadu
India
Tel : +91. 88708. 71111
E-mail : s.kumar@gys.fr

GYS China

Lot N°15
6666 bd Songze
201706 Qingpu Shanghai
China
Tel : (+86) 6221 4461
Fax : (+86) 5226 0067
www.gys-china.com.cn
E-mail : contact@gys-china.com.cn

Bao Zhi Long Electrical Equipment (JV GYS)

Room: 203C
Building: N°1
N°518 Shen Wang Road
Minhang District Shanghai
China
Tel1 : (+86) 52217650
Tel2 : (+86) 52217651
Tel3 : (+86) 52217652
Fax : (+86) 52217653
www.bzl-china.com
E-mail : mz@bzl-china.com