

MADE IN FRANCE
MANUFACTURER SINCE 1964

NOUVEAUTÉS • NEW • NEUHEITEN



Welding Catalogue

Catalogue Soudage • Schweißtechnik Katalog
Catálogo de Soldadura

2013

www.gys.fr

MMA • TIG • MIG • PLASMA • CONSUMABLES • ACCESSORIES



Fabrication
et Conception
Françaises

Designed
and Manufactured
in France

Erfindungsgeist
à la Française

PROFESSIONAL



INDUSTRIAL



ACCESSORIES



CONSUMABLES



INVEST IN THE FUTURE

Votre Partenaire
Soudure

Your Welding
Partner

Produktvielfalt,
die Überzeugt

NEW IN 2012



PROFESSIONAL 240 & 270



PROFESSIONAL 4C



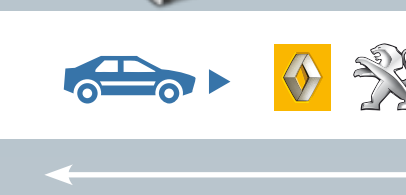
SMARTMIG 110



TRIMIG 200-4S & 250-4S



GYSMI FLEX 250 TRI



TIG 250 AC:DC-HF

104 pays
104 countries
104 Ländern
Customs authorisation
N°: FR000120 / 0131

UK GYS U.K.
Warwick



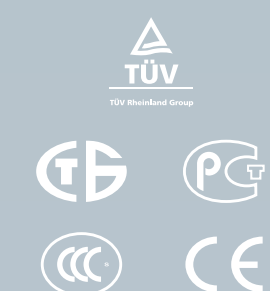
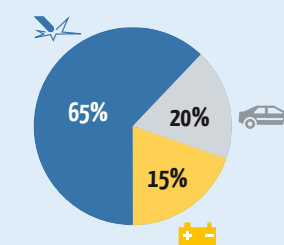
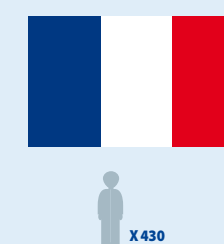
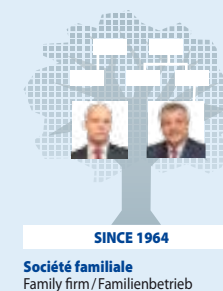
Germany GYS Germany
Aachen



China GYS China
Shanghai



France GYS France
Laval



R&D
x35

MMA ELECTRODE

TRADITIONAL



EXPERT 130

230V 1~

130 A — Ø 2 → 3,2 mm

Ref. 015029



EXPERT 220 DV

230V 1~ / 400V 2~

220 A — Ø 2 → 4 mm

Ref. 015128

CONSUMER



PROFESSIONAL 240

230V 1~ / 400V 2~

210 A — Ø 1,6 → 5 mm

Ref. 014985



PROFESSIONAL 270

230V 1~ / 400V 2~

250 A — Ø 2 → 5 mm

Ref. 014992



PROFESSIONAL 4C

400V 3~

250 A — Ø 1,6 → 5 mm

Ref. 014978

PROFESSIONAL



NEW
12/2012

INDUSTRIAL

OPTIONS
more p.40-41

300 A - Ø 35 mm² - 4 m
Ref.043862 (x1)

500 A - Ø 50 mm² - 4 m
Ref.043879 (x1)

300 A - Ø 25 mm² - 4 m
Ref.043800 (x1)

400 A - Ø 35 mm² - 4 m
Ref.043817 (x1)

500 A - Ø 50 mm² - 4 m
Ref.043824 (x1)

TRADITIONAL 300 DC

400V 3~

225 A — Ø 1,6 → 5 mm

Ref. 015005

TRADITIONAL 400 DC

400V 3~

290 A — Ø 1,6 → 5 mm

Ref. 015012

TRADITIONAL 500 DC

400V 3~

370 A — Ø 1,6 → 5 mm

Ref. 015227

CE NORM. 60974/1 MADE IN P.R.C

EXPERT 130
EXPERT 220 DV

50 / 60 Hz	A	A	IA (60%)	Uo	cm / kg
230V 1~	10	130	60% @ 53 A	48	47x24x32 / 18
230V 1~	13	220	60% @ 90 A	48	48x30x38 / 22
400V 2~	25				

CE NORM. 60974/1 MADE IN ITALY

PROFESSIONAL 240
PROFESSIONAL 270
PROFESSIONAL 4C

50 / 60 Hz	A	A	IA (60%)	Uo	cm / kg
230V 1~	25	190	60% @ 95 A	51	32x62x42 / 33
400V 2~	20	210		56	
230V 1~	32	200	60% @ 105 A	58	37x70x41 / 39
400V 2~	25	250		62	
400V 3~	20	250	60% @ 115 A	75	82x44x48 / 63

CE NORM. 60974/1
MADE IN ITALY

TRADITIONAL 300 DC
TRADITIONAL 400 DC
TRADITIONAL 500 DC

50 / 60 Hz	A	A	A 20%	A 60%	A 100%	Uo	cm	kg
400V 3~	20	45 → 225	225 A	140 A	110 A	63	86x44x59	92
400V 3~	25	80 → 290	290 A	180 A	150 A	63	86x44x59	106
400V 3~	32	90 → 370	370 A	230 A	180	63	86x44x59	124

MMA ELECTRODE

INVERTER
POTENTIOMETER

GYSMI 80P

80 A

Ø 1,6 → 2,5 mm

Ref. with accessories : 029941

030107



Ref. with accessories : 029958

030114



GYSMI 130P

130 A

Ø 1,6 → 3,2 mm

Ref. with accessories : 029972

030121



GYSMI 160P

160 A

Ø 1,6 → 4 mm

Ref. with accessories : 030077



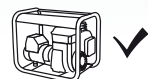
GYSMI 200P 220P

200 A

Ø 1,6 → 5 mm

Ref. with accessories : 030794 (200P)

030145 (220P)



CONSOLE
/ DISPLAY
/ PRODUCT-
AUFSTELLER



Ref. 060104
Ref. 060098 (FR)

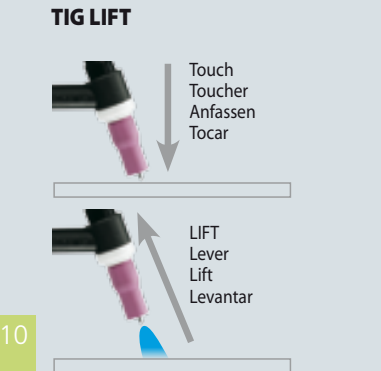
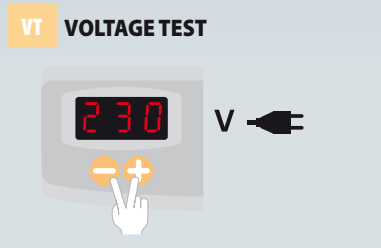
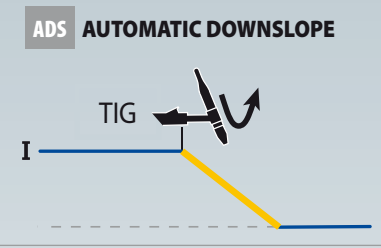
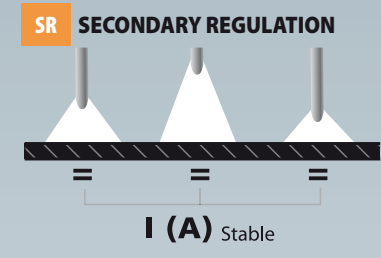
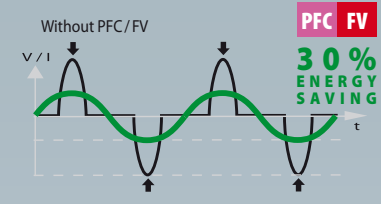
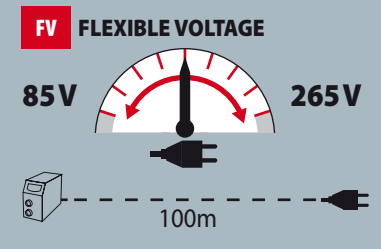
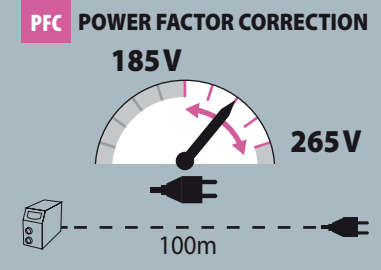
OPTION
TIG TORCH KIT
SR17V (valve)
4 m

GYSMI
130P/ 160P/
200P/220P
Ref. 044425

NEW
12/2012



9



MMA ELECTRODE + TIG LIFT

INVERTER ELECTRONIC DISPLAY

Adjustable Hot Start

GYSMI E160

160 A $\varnothing 1,6 \rightarrow 4 \text{ mm}$

Ref. with accessories : **015708**



PATENTS REGISTERED NUMBERS
001795298-0001
EUROPEAN TRADEMARK & DESIGN

Adjustable Hot Start

GYSMI E200 PFC

200 A $\varnothing 1,6 \rightarrow 5 \text{ mm}$

PFC ADS

Ref. with accessories : **030695**



ADJUSTABLE

INVERTER TECHNOLOGY

HOT START • ARC FORCE • ANTI STICKING

Adjustable Hot Start & Arc Force

GYSMI E200 CEL

200 A $\varnothing 1,6 \rightarrow 5 \text{ mm}$

FV PFC SR ADS VT

Ref. with accessories : **030862**

CEL

cellulosic electrode



DYNAMIC ARC SYSTEM

> 100V



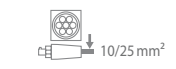
2m
16mm²

1,6m
16mm²



2m
25mm²

1,6m
25mm²



2 x 3 m
25mm²



OPTION

TIG TORCH KIT
SR17V (valve)
4m

GYSMI
/E160
/E200PFC
Ref. 044425

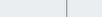
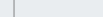
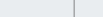
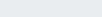
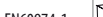
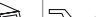
GYSMI
/E200CEL
Ref. 044401



GYSMI E160

GYSMI E200 PFC

GYSMI E200 CEL

		 I ₂ (A)			INTEGRATED TECHNOLOGY									 #electrodes /h	 X GYS (20°C)	EN60974-1 (40°C)							 Protected & compatible POWER GENERATOR (+/-15%)				
50 / 60 Hz	A	MMA	TIG	Ø mm	FV	PFC	SR	ADS	VT	CEL	■	Ø1,6	Ø2	Ø2,5	Ø3,2	Ø4	Ø5	for normal use	IA (60%)	X% (I2 max)	Uo	Uocv	mm²	cm / kg	cm / kg	6 kW	7,5 kVA
230 V	16	160	10 → 160	1,6 → 4,0	—	—	—	—	—	—	■	62	50	47	45	23	—	65% @ 160 A	90	19	72	80	10 / 25	42x36x17 / 7,9	12x21x27 / 4,6	6 kW	7,5 kVA
230 V	16	200	5 → 200	1,6 → 5,0	—	■	—	■	—	—	■	62	50	47	45	35	24	64% @ 200 A	120	20	96	96	10 / 25	42x37x17 / 8,9	14x21x27 / 5,5	7 kW	8,75 kVA
230 V	16	200	5 → 200	1,6 → 5,0	■	■	■	■	■	■	■	62	50	47	45	38	30	80% @ 200 A	135	25	108	108	35 / 50	45x36x21 / 14	16x27x36 / 9	7 kW	8,75 kVA
110 V	32	120 A	5 → 140																90	40							

MMA ELECTRODE + TIG LIFT

110 V · 1 Φ

Adjustable Hot Start

GYSMI 151 LC

150 A

Ø 1,6 → 4 mm

Ø 4
on 110 V

Ref. with accessories : **030053** 7,8 kg



2 m / 16 mm² 1,6 m / 16 mm² 10/25 mm²

400 V · 3 Φ

GYSMI 250 TRI

250 A

Ø 1,6 → 5 mm

SR

ADS

Ref. no accessories : **010147** 10 kg



35/50 mm²

110 → 480 V · 1 Φ → 3 Φ

GYSMI FLEX 250 CEL

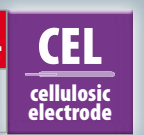
250 A

Ø 1,6 → 5 mm

SR

ADS

AD



Ref. no accessories : **010239** 21 kg

NEW
04/2013



FLEX = 1 Φ → 3 Φ
85 V → 480 V

35/50 mm²

400 V · 3 Φ

GYSMI CEL 250 TRI

250 A

Ø 1,6 → 5 mm

SR

ADS

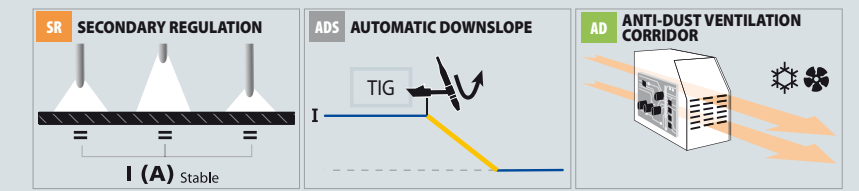
AD



Ref. no accessories : **010215** 18 kg



35/50 mm²

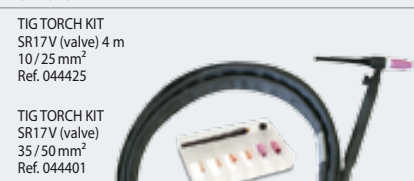


GYSMI 151 LC

12

φ	I ₂ (A)	X _{GYS} (20°C)	EN60974-1 (40°C)	U _o	U _{ocv}	cm / kg	Protected & compatible POWER GENERATOR (+/-15%)
50 / 60 Hz	A	MMA / TIG	for normal use	IA (60%)	X% (I ₂ max)		
110 V	32	145 / 150	100% @ 145 A	130	120	85	97
						37x30 x16,5 / 7,8	6 kW 7,5 kVA

OPTIONS



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



MMA KIT
2 x 4 m
Ø 35 mm²

GYSMI 250 TRI / Flex 250 CEL / CEL 250 TRI
Ref. 047341

MADE IN FRANCE	CE NORM. 60974/1	φ	50 / 60 Hz	A	I ₂ (A)	MMA / TIG	INTEGRATED TECHNOLOGY	X _{GYS} (20°C)	EN60974-1 (40°C)	U _o	U _{ocv}	cm / kg	Protected & compatible POWER GENERATOR (+/-15%)
							SR ADS AD CEL	for normal use	IA (60%)	X% (I ₂ max)			
GYSMI 250 TRI		3	400 V	16	10 → 250		■ ■ — —	50% @ 200 A	120	15	66	80	16x40x30 / 8,6 10 kW 12,5 kVA
GYSMI CEL 250 TRI		3	400 V	16	10 → 250		■ ■ ■ ■	100% @ 200 A	180	25	100	100	21x42x32 / 18 10 kW 12,5 kVA
GYSMI FLEX 250 CEL		1	85 → 480 V	85 → 180 V 180 → 300 V 300 → 480 V	120 A 200 A 250 A		■ ■ ■ ■	100% @ 200 A	180	25	100	100	23x44x32 / 21 10 kW 12,5 kVA

Linéaire de vente
/ Retail display space



Cabine de soudage /
Welding booth /
Schweißstand
Ref. 060050



Maxi présentoir
/ Presentation Unit
/ Geräte-Aufsteller
Ref. 060043



Charge statique
d'étalonnage
/ Calibration unit
/ Lichtbogen
-Last-Simulator
Ref. 060135



TIG

DC LIFT

1 Ø



BINZEL

TIG 160 DC - LIFT

160 A

Ref. with accessories
011106 9,8 kg



Adjustable
Downslope

Automatic
Postgas



10 / 25 mm²

SR17 DB
4 m

TIG

DC HF

1 Ø

TIG 168 DC HF

160 A

L/DB

Ref. no accessories :
011427 9 kg

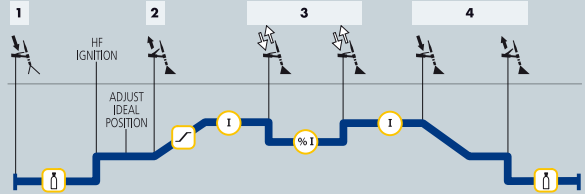
Ref. with accessories :
011410 13 kg



35 / 50 mm²

SR17 DB
4 m

4T Log • 100 % Control

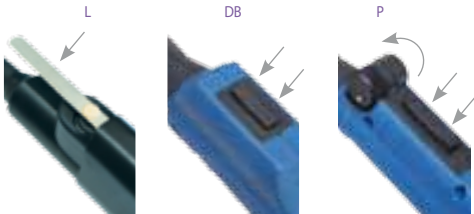


TIG SELECTION

		A min → max
1 → 2	1,6	30 → 70
2 → 3	2,0	70 → 100
3 → 4	2,4	100 → 150
5	3,2	150 → 180



TORCH COMPATIBILITY



Auto detect equipment (Torches & accessories p.46)

MADE IN FRANCE
60974/1

TIG 160 DC LIFT

TIG 168 DC HF

50 / 60 Hz

A

PROTEC
400V Tested
in Production

TIG

II 2 (A)

20 → 160

10 → 160

TIG EN60974-1 (40°C)

95

100

IA
(60%)

22

21

X%
(I2 max)

20 → 160

10 → 160

MMA

20 → 160

10 → 160

Uo

72

82

mm²

10 / 25

35 / 50

cm

14x29x21

14x37x30

kg

5

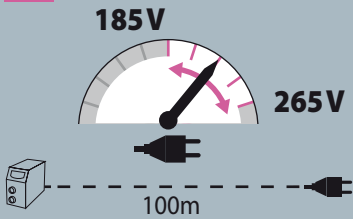
9

Protected & compatible
POWER GENERATOR
(+/-15 %)

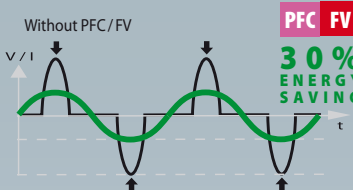
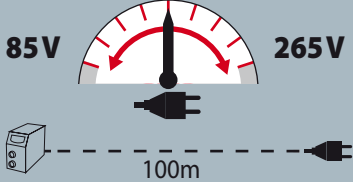
6 kW

7,5 kVA

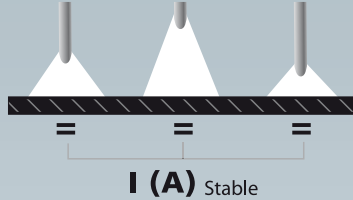
PFC POWER FACT CORRECTION



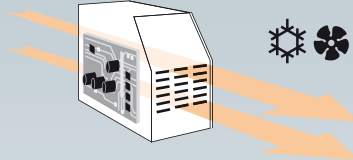
FV FLEXIBLE VOLTAGE



SR SECONDARY REGULATION



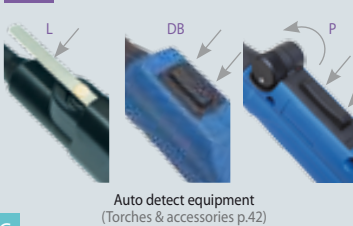
AD ANTI-DUST VENTILATION CORRIDOR



REMOTE CONTROL OPTION



TORCH COMPATIBILITY



TIG DC HF

1 Φ



TIG 200 DC-HF FV

200 A

FV PFC SR L/DB/P

Ref. no accessories : 011533 12 kg

Ref. with accessories : 011540 16 kg



190A on 13A fuse
Ref. 011571



TIG SELECTION

	HF	A min → max	FV	PFC	SR		
TIG 160 DC Lift	—	20 → 160	—	—	—	—	DB
TIG 168 DC HF	■	10 → 160	—	—	—	—	L / DB
TIG 200 DC HF FV	■	5 → 200	■	■	■	■	L / DB / P

OPTIONS

20L/min Ref. 041998 (FR)		
30L/min Ref. FR 041622 Ref. UK 041646 Ref. DE 041219 Ref. NL 041615		
Ref. 045002		
PRO TIG EXTRA - T10 Ref. 045323		

3 Φ

BINZEL

OPTION TROLLEY / CHARIOT



OPTION WATER COOLING



CEL
cellulosic
electrode

TIG 250 DC-HF

250 A

SR AD L/DB/P

Ref. no accessories : 011885 19 kg



MADE IN FRANCE

CE
NORM.
60974/1

50 / 60 Hz

A

INTEGRATED TECHNOLOGY

FV

PFC

SR

CEL

PROTEC
400V Tested
in Production

I₂ (A)

TIG

EN60974-1 (40°C)

I₂ (A)

MMA

U₀

mm²

cm

kg

Protected & compatible
POWER GENERATOR
(+/-15%)

TIG 200 DC HF FV

230 V

13

■

■

■

—

■

5 → 200

140

30

10 → 200

76

35 / 50

42x15x31

12

7 kW

8,75 kVA

TIG 250 DC HF

400 V

16

—

—

■

■

—

10 → 250

170

33

10 → 200

85

35 / 50

50x24x39

19

10 kW

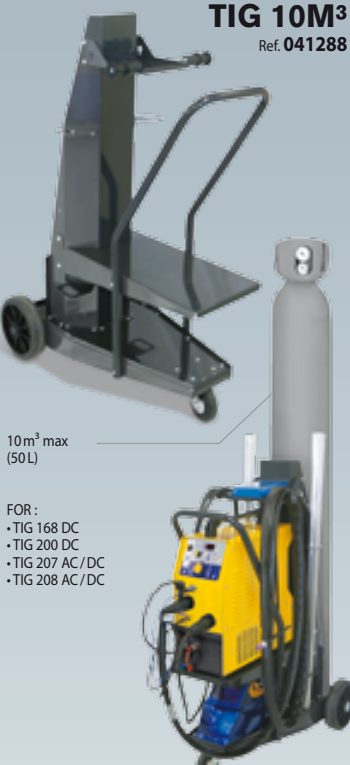
12,5 kVA



TIG 4M³
Ref. 015678

4m³ max
(20 L)

FOR :
• TIG 160 DC Lift
• TIG 168 DC
• TIG 200 DC



TIG 10M³
Ref. 041288

10m³ max
(50 L)

FOR :
• TIG 168 DC
• TIG 200 DC
• TIG 207 AC/DC
• TIG 208 AC/DC



10M-XL
Ref. 041257

10m³ max
(50 L)

FOR :
• TIG 168 DC
• TIG 200 DC
• TIG 250 DC
• TIG 207 AC/DC
• TIG 208 AC/DC

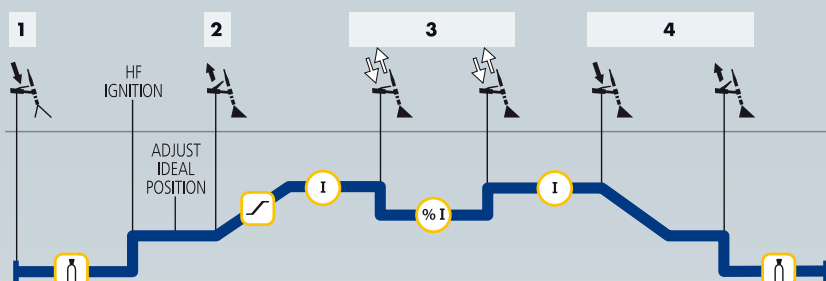
TIG

AC/DC HF

1 Ø



4T Log ■ 100% Control



FV FLEXIBLE VOLTAGE

PFC POWER FACTOR CORRECTION

185V

SR SECONDARY REGULATION

AD ANTI-DUST VENTILATION CORRIDOR

CONSUMABLES / CONSOMMABLES

Pur (AC)
Ø 1,6 : Ref.044555 (x10)
Ø 2,4 : Ref.044579 (x10)

WR2 (AC/DC)
Ø 1,6 : Ref.044586 (x10)
Ø 2,0 : Ref.044593 (x10)
Ø 2,4 : Ref.044609 (x10)
Ø 3,2 : Ref.044616 (x10)

Alu - Aluminium - Aluminio (AlMg5)

Ø 1,6 : Ref.087170 (5kg)
Ø 2,0 : Ref.087187 (5kg)
Ø 2,4 : Ref.087194 (5kg)

OPTIONS

20L/min
Ref. 041998 (FR)

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

Ref. 045002

PRO TIG EXTRA - T10
Ref. 045323

TIG 207 AC / DC-HF FV

5 ▴ 200 A

FV PFC SR AD L/DB/P

Ref. no accessories : **011625** 19 kg

Ref. with accessories : **011618** 24 kg



SR26 DB
4 m

OPTION WATER COOLING UNIT (400W)
Ref. 041271 8,6 kg

TIG 208 AC / DC-HF

5 ▴ 200 A

PFC SR AD L/DB/P

Ref. no accessories : **011823** 26 kg

Ref. with accessories : **011816** 31 kg



SR20 DB
4 m

1,25 L
-25°C/-13°F
liquide non fourni
/liquid not supplied

 MADE IN FRANCE	 60974/1			INTEGRATED TECHNOLOGY					I ₂ (A)		X GYS (20°C)	EN60974-1 (40°C)		Freq.					
		50 / 60 Hz	A	FV	PFC	SR	AD		AC	DC	for normal use	IA (60%)	X% (I2 max)	Hz	U ₀	mm ²	cm / kg	Protected & compatible POWER GENERATOR (+/-15 %)	
TIG 207 AC / DC HF FV		110V 1~	20	■	■	■	■	■	10 → 160	5 → 160	AC-DC 47% @ 160 A	AC-DC 90	AC-DC 30	20 → 200	70	35 / 50	20x39x36 / 19	6 kW	7,5 kVA
		230V 1~	13								AC 32% @ 200 A	AC 95	AC 13						
TIG 208 AC / DC HF		230V 1~	16	—	■	■	■	■	10 → 200	5 → 160	DC 47% @ 160 A	DC 95	DC 13			70	35 / 50	20x42x49 / 26	6 kW

ERGONOMIC
& EASY



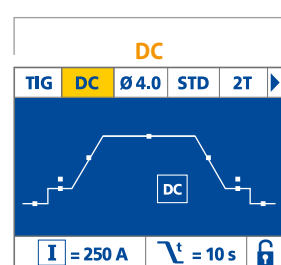
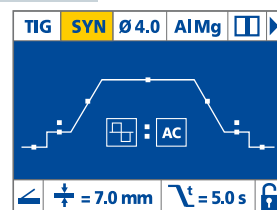
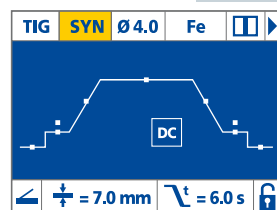
SIZE N°1 ON MARKET
5" 1/4

MMA			
MMA	PRO	OPTIONS	
I A	250	% 40	% 60
I	= 250 A		
U	= 30 V		

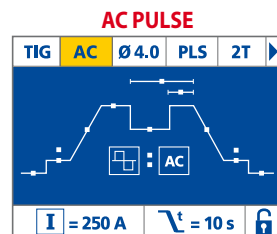
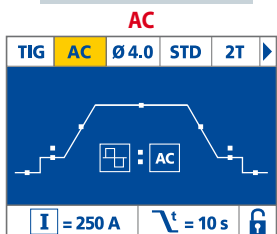
DC

TIG SYNERGIC

AC



TIG MANUAL



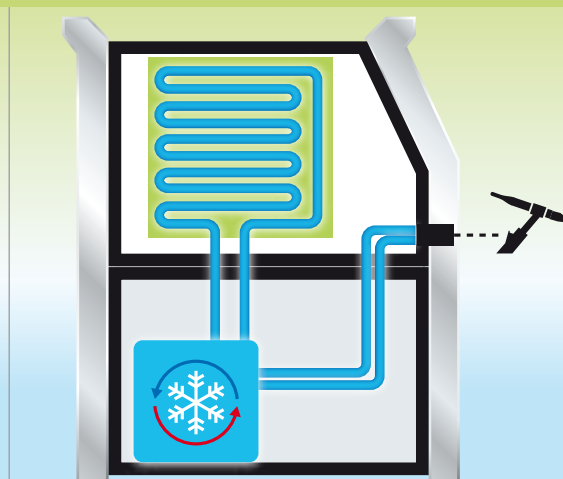
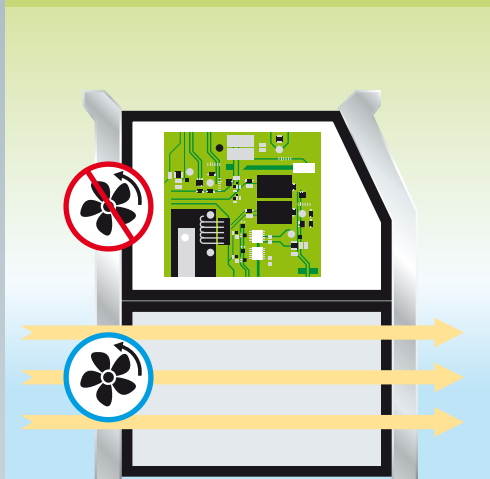
FOCTION / FUNCTION	TIG DC	TIG AC	MMA
Amorçage HF / HF Start	■	■	
Amorçage LIFT / LIFT Start	■	■	
Pré Gaz / Pre Gas	■	■	
Courant Initial / Initial Current	■	■	
Temps Initial / Initial Time	■	■	
Courant de montée / Up Slope	■	■	
Courant de soudage / Welding Current	■	■	
Courant Froid (Torche 2P, 4TLOG) / Second Welding Current	■	■	
Courant Froid PULSE / Second Welding Pulse Current	■	■	
Balance PULSE / Pulse Balance	■	■	
Fréquence PULSE / Pulse Frequency	■	■	
Evanouissement du courant / Down Slope	■	■	
Courant final / Final Current	■	■	
Temps final / Final Time	■	■	
Post Gaz / Post Gas	■	■	
Balance AC / AC Balance		■	
Fréquence AC / AC Frequency		■	
Diamètre électrode / Electrode Diameter	■	■	
HotStart			■
ArcForce			■
Inversion de Polarité / Polarity Inversion			■



100 % DUST PROOF

100 % SANS POUSSIÈRE

100% STAUBFREI



LIQUID COOLED ELECTRONICS

REFROIDISSEMENT LIQUIDE
DE L'ELECTRONIQUE

FLÜSSIGKEITSGEKÜHLTE
ELEKTRONIK



REMOTE CONTROL OPTION



TORCH COMPATIBILITY BINZEL

FOOT REMOTE CONTROL
Ref. 045682
3 kg

HAND REMOTE CONTROL
Ref. 045675
1 kg



SR 20 DB (LIQUID)
X 100% :
220 A (DC)
200 A (AC)
Ref. 044364 (8 m)
Ref. 044470 (4 m)

SR 18 DB (LIQUID)
X 100% :
320 A (DC)
240 A (AC)
Ref. 044647 (8 m)
Ref. 044630 (4 m)

SR 26 P (AIR)
X 60% :
240 A (DC)
220 A (AC)
Ref. 044500 (8 m)
Ref. 044494 (4 m)

SR 20 P (LIQUID)
X 100% :
220 A (DC)
200 A (AC)
Ref. 044517 (8 m)

OPTIONS

Max 10 m³
(50 L)

Chariot / Trolley
Ref. 040960



30L / min
Ref. FR 041622
Ref. UK 041646
Ref. DE 041219
Ref. NL 041615



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



PRO TIG EXTRA - T10
Ref. 045323



Pur (AC)
Ø 1,6 : Ref.044555 (x10)
Ø 2,4 : Ref.044579 (x10)

WR2 (AC / DC)
Ø 1,6 : Ref.044586 (x10)
Ø 2,0 : Ref.044593 (x10)
Ø 2,4 : Ref.044609 (x10)
Ø 3,2 : Ref.044616 (x10)



5 kg (L = 1 m)

Acier - Steel - Stahl - Acero -Staal - Aço (SG2)	Ø 1,6	319	087019
	Ø 2,0	204	087217
	Ø 2,4	142	087033
Inox - Stainless - Edelstahl (308LSi)	Ø 1,6	319	087156
	Ø 2,0	204	087163
	Ø 1,6	315	087125
Inox - Stainless - Edelstahl (316LSi)	Ø 2,0	205	087200
	Ø 2,4	140	087149
	Ø 1,6	920	087170
Alu - Aluminium - Aluminio (AlMg5)	Ø 2,0	590	087187
	Ø 2,4	410	087194

TIG
AC/DC-HF

3Φ



TIG 250 AC / DC-HF

10 250 A

Ref. no accessories : 012004 46 kg



SCREEN PROTECTION
Ref. 044043 (x5)

250 A
60 %



MADE IN FRANCE



60974/1



50 / 60 Hz



A



A



I₂



TIG



EN60974-1 (40°C)



IA (60%)



X% (I₂ max)



MMA



EN60974-1 (40°C)



IA (60%)



X% (I₂ max)



Freq. AC



Hz



U_o



mm²



cm / kg

Protected & compatible
POWER GENERATOR
(+/- 15 %)

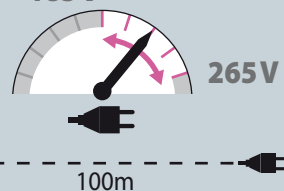
10 kW

12,5 kVA

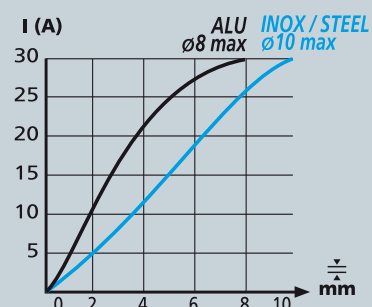
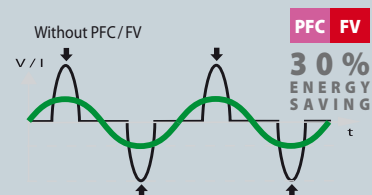
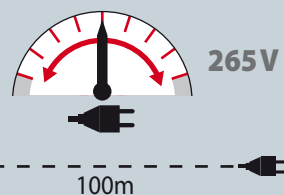
INVERTER



185 V



85 V

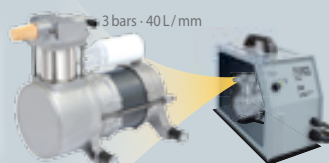


Ref. 040120



25 A

ALU 4 mm
INOX / STEEL 6 mm



INTEGRATED AIR COMPRESSOR

Ref. with accessories: **030978** 17,2 kg

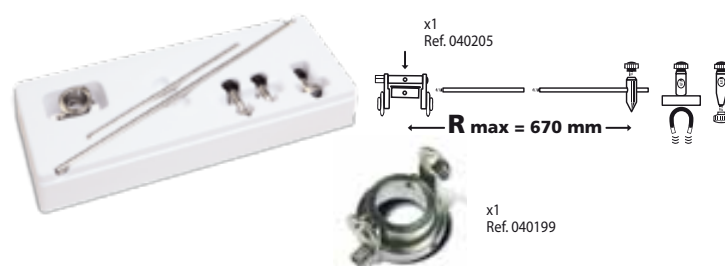
 20A on 13A fuse



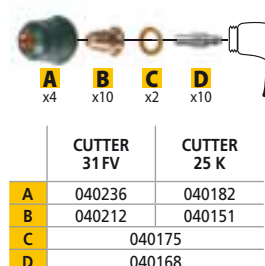
ERGOCUT
S 25K

SECURITY

ACCESSOIRES / ACCESSORIES



CONSOMMABLES/CONSUMABLES



INCLUDED :

 8 mm 10mm 

30 A

ALU 8mm
INOX / STEEL 10mm

FV PFC

Ref. with accessories : **030985** 12 kg

 30 A on 13 A fuse



ERGOCUT
\$ 45

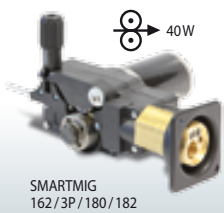
SECURITY

 MADE IN FRANCE		 60974/1			 A	 I ₂	 max mm	 INTEGRATED TECHNOLOGY				AIR SYSTEM		EN60974-1 (40°C)				
PLASMA CUTTER 25 K		230 V 1~	16	5 → 25	6	4	—	—	■	■	Pressure bar	L / mm	IA (60%)	X% (I2 max)	cm / kg	22x45x31 / 17,2	4,1 kW	5,9 kVA
PLASMA CUTTER 31 FV		230 V 1~	16	5 → 30	10	8	■	■	—	■	2,5 → 6	115	22	32	19x41x29 / 12	6 kW	7,5 kVA	
		110 V 1~	32	5 → 30			19	25										

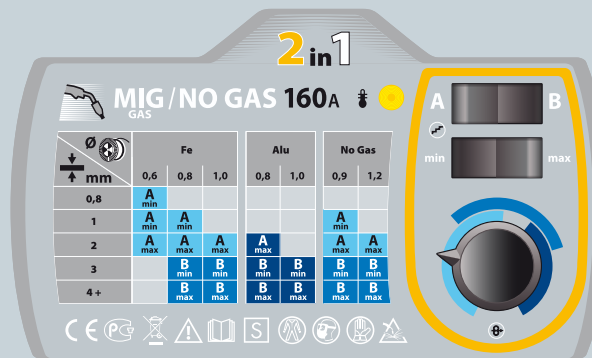
MIG/MAG MONO

TRADITIONAL

PROFESSIONAL
MOTOR INSIDE



SMARTMIG
162/3P/180/182



Example / Exemple SMARTMIG 162

PATENTS REGISTERED NUMBERS
EUROPEAN TRADEMARK & DESIGN

SMARTMIG 110

40 **110 A**



Ø 100

NO GAS

Ref. with accessories : 033993

SMARTMIG 142

40 **140 A**



Ø 100/200

GAS NO GAS

Ref. with accessories : 033153

SMARTMIG 162

30 **160 A**



Ø 100/200

GAS NO GAS

Ref. with accessories : 033160

SMARTMIG 3P

35 **170 A**



Ø 100/200

GAS NO GAS MMA

Ref. with accessories : 033177

SMARTMIG 182

35 **180 A**



Ø 200/300

GAS NO GAS

Ref. with accessories : 033184

NEW
04/2013



140 A on 13 A fuse



Max 1 m³



3
in 1

Max 4 m³



INFO - NO GAS

Fil fourré / Flux cored wire / Fülldrahtelektrode

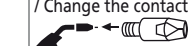
Flux /
Flow /
Pulverfüllung



Enveloppe métallique /
Metallic wrap /
Metallischer Aussenmantel

A Inverser les polarités / Reverse polarities / Polarität wechseln

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



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

D Supprimer la buse / Remove the nozzle / Gasdüse abziehen

OU / OR / ODER

Utiliser une buse Special NO GAS (isolé) / Use a special nozzle

NO GAS (isolated) / Spezielle Gasdüse für "NO GAS" (isoliert) verwenden

Special NO GAZ



150A
Ref. 041868

CONSUMMABLES

/ CONSUMABLES



Torch Box MB 15
Ref. 041226

Torch Box MB 25
Ref. 041233

OPTIONS



Bottle 60 L
Ref. 041639



12L/min
Ref. 041820 (FR)



Ref. 041332



Ref. 041806



60974/1

MADE
GYS CHINA
IN P.R.C



SMARTMIG 110

SMARTMIG 142

SMARTMIG 162

SMARTMIG 3P

SMARTMIG 182

50 / 60 Hz

230 V 1~

13

—

—

0,9

—

—

40 → 110

—

85A@8%

25,5 → 30

230 V 1~

13

—

0,6 → 0,8

0,9

—

40 → 140

60

90A@20%

28 → 39

230 V 1~

16

—

0,6 → 1,0

0,9 → 1,2

—

30 → 160

70

115A@20%

25,5 → 40

230 V 1~

16

—

0,6 → 1,0

0,9 → 1,2

2 → 3,2

—

MIG 35 → 170

40

115A@15%

35 → 45

230 V 1~

16

—

0,6 → 1,0

0,9 → 1,2

—

35 → 180

80

140A@15%

28 → 45

A

100

200

300

—

—

—

—

—

—

—

—

min → max

A

—

—

—

—

—

—

—

—

—

—

EN60974-1
(40°C)

IA
(60%)

X%
(I2 max)

Uo (V)

Electronic
Control

Reg

2

0,9

0,8

0,8

0,8

0,8

cm / kg

16,5x37x36
/ 14

24x42x38
/ 21

33x54x45
/ 25

35x56x46
/ 35

39x80x70
/ 46

3 kVA

3,5 kVA

4,5 kVA

MIG 5,5 kVA

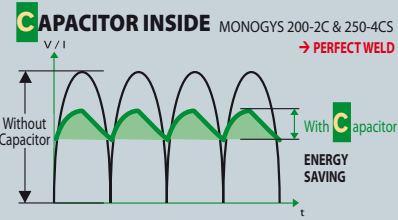
MMA 6 kVA

6 kVA

MIG/MAG

MONO

PROFESSIONAL



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

MONOGYS 160-2S

40▲140 A

Ø 200 / 300

Ref. with accessories : **032996** 50 kg

MONOGYS 200-2CS

30▲200 A

Ø 200 / 300

Ref. with accessories : **020351** 70 kg

MONOGYS 250-4CS

40▲250 A

Ø 200 / 300

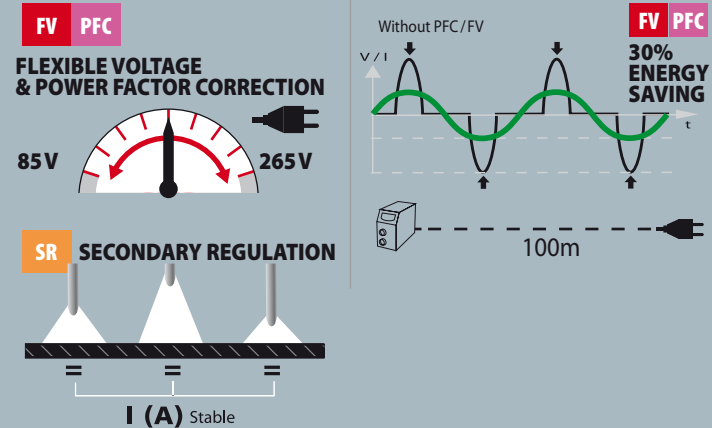
Ref. with accessories : **020368** 85 kg



MIG/MAG

MONO

PROFESSIONAL



PEARL 180-2

20▲180 A

Ø 100 / 200

Ref. with accessories :
033351 12 kg

180 A
on 13 A fuse

PEARL 180-4 XL

20▲180 A

Ø 200 / 300

Ref. with accessories :
033382 20 kg

180 A
on 13 A fuse



SYNERGIC EASY TO USE

MANUAL
Enter your parameters

 MADE IN FRANCE		 60974/1	 50/60 Hz	 A	 A	 Reg	 200 300		 Electronic Control	 kg	EN60974-1 (40°C)		 Ø mm	ÉQUIPÉ D'ORIGINE ORIGINAL EQUIPEMENT ORIGINALAUSSTATTUNG EQUIPAMIENTO DE FABRICA			 cm	 Protected & compatible POWER GENERATOR (+/-15 %)
MONOGYS 160-2S			230V 1~	13	40 → 140	4	■	■		50	70	140A@15%	0,6 > 1	0,6/0,8	0,8	47x77x79	4,5 kVA	
MONOGYS 200-2CS			230V 1~	32	30 → 200	6	■	■		70	110	200A@15%	0,6 > 1	0,8/1,0	0,8	47x77x79	7,5 kVA	
MONOGYS 250-4CS			240V 1~	50	40 → 250	8	■	■		85	170	250A@15%	0,8 > 1,2	0,8/1,0	1,0	47x77x79	11 kVA	

 					 Ø mm			INTEGRATED TECHNOLOGY				 Ø mm		EN60974-1 (40°C)			ÉQUIPE D'ORIGINE ORIGINAL EQUIPMENT ORIGINALAUSSTATTUNG EQUIPAMIENTO DE FÁBRICA			 
MADE IN FRANCE	60974/1	50 / 60 Hz	A	A	100	200	300	FV	PFC	SR	Electronic Control	GAS	NO GAS	IA (60%)	X% (I2 max)	Uo (V)			cm / kg	Protected & compatible POWER GENERATOR (+/-15 %)
PEARL 180-2		110 V 1~	32	20 → 120	■	■	—	■	■	■		0,6 → 1	0,9	110	120A@45%	83,4	0,6 / 0,8	0,8	20x45 x36 / 10	7,5 kW
		230 V 1~	13	20 → 180	—	■	■	■	■	■		0,6 → 1	0,9	120	180A@22%					
PEARL 180-4 XL		110 V 1~	32	20 → 120	—	■	■	■	■	■		0,6 → 1	0,9	110	120A@45%	83,4	0,6 / 0,8	0,8	20x55 x44 / 18	7,5 kW
		230 V 1~	13	20 → 180	—	■	■	■	■	■		0,6 → 1	0,9	120	180A@22%					

MIG/MAG TRI

400 V - 3 Ø
TRADITIONAL



SMARTMIG 183

30 **180 A**



Ref. with accessories : **033412** 51 kg

NEW
12/2012



CONSOMMABLES / CONSUMABLES

150A (MB 15)	250A (MB 25)
 Ref. 041875 Ø 0,6 : Ref. 041905 Ø 0,8 : Ref. 041912 Ø 1,0 : Ref. 041929	Ref. 041882 Ø 0,6 : Ref. 041905 Ø 0,8 : Ref. 041950 Ø 1,0 : Ref. 041967 Ø 1,2 : Ref. 041974
 Special ALU Ø 0,8 : Ref. 041059	Special ALU Ø 1,0 : Ref. 041066 Ø 1,2 : Ref. 041073
 Torch Box MB 15 Ref. 041226	Torch Box MB 25 Ref. 041233

OPTIONS

 20L/min Ref. 041998 (FR)	 OPTIMAPRO 30L/min (FR) Ref 043619 (UK) Ref 043633 (EN) Ref 043626 (NL) Ref 043640	 Ref. 041332	
 30L/min Ref. FR 041622 Ref. UK 041646 Ref. DE 041219 Ref. NL 041615		 Ref. 041806	

ACCESSORIES BOX



TRIMIG 200-4S

30 **200 A**



Ref. with accessories : **033818** 63 kg

NEW
01/2013



TRIMIG 250-4S

30 **250 A**



Ref. with accessories : **033825** 86 kg

NEW
01/2013



TRIMIG 305-4S

30 **300 A**



Ref. no accessories : **033436** 90 kg



SYNERGIC - EASY TO USE

PATENTS REGISTERED NUMBERS
001789298-0001
EUROPEAN TRADEMARK & DESIGN

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



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

PACK TRIMIG 385-4S =



TRIMIG 385-4S
Ref. 033450



ACIER / INOX
350 A - 4 m - AIR
Ref.040946



Ø 50 mm²
4 m
Ref. 043824

PACK DUOGYS 390-4S =



DUOGYS 390-4S
Ref. 033535



WF 4R
Ref. 033580



5 m Ø 50 mm² Ref. 033603
OR 10 m Ø 70 mm² Ref. 033610



ACIER / INOX
350 A - 4 m - AIR
Ref.040946



ALU
350 A - 4 m - AIR
Ref.040953



Ø 50 mm²
4 m
Ref. 043824

PACK GENEGYS 400 W =



GENEGYS 400 W
Ref. 033726



WF 4L
Ref. 033597



5 m Ø 50 mm² Ref. 033627
OR 10 m Ø 70 mm² Ref. 033634



ACIER/INOX 500 A - 4 m LIQUID Ref.041004
OR ALU 500 A - 4 m LIQUID Ref.041097



Ø 50 mm²
4 m
Ref. 043824

MIG/MAG TRI

PROFESSIONAL



TRIMIG 385-4S

40 **385 A**



air
cooling

Ref. no accessories : **033450** 102 kg

DUOGYS 390-4S

40 **385 A**



air
cooling

Ref. no accessories : **033535** 103 kg

GENEGYS 400 W

40 **385 A**

WF 4L



Ref. no accessories : **033726** 103 kg

Ref. : **033597** 17 kg



PROTECTION GAZ
Argon+CO² (Steel, inox)
Argon (Alu, CuSi3, CuAl8)

CONSUMABLES / CONSUMABLES



Torch MB 36 - Ref. 041417

OPTIONS



30L / min
Ref. FR 041622
Ref. UK 041646
Ref. DE 041219
Ref. NL 041615



Ref. 041806

ACCESSORIES BOX



MADE IN FRANCE 60974/1	50 / 60 Hz	A	Ø mm	min → max	A	200	300	EQUIPE D'ORIGINE ORIGINAL EQUIPMENT ORIGINALAUSSTATTUNG EQUIPAMIENTO DE FABRICA	ELECTRONIC CONTROL	Cooling system	EN60974-1 (40°C)		Reg	cm / kg	Protected & compatible POWER GENERATOR (+/-15%)
											IA (60%)	X% (I2 max)			
TRIMIG 385-4S	400V 3~	25	0,6 → 1,6	40 → 385	■	—	■	WF4R	1,0 / 1,2 mm	Air	280	370A@25%	14	50x90x88 /102	17 kVA
DUOGYS 390-4S	400V 3~	25	0,6 → 1,6	40 → 385	—	+	+	WF4L	1,0 / 1,2 mm	Liquid	280	370A@25%	14	50x90x88 /103	17 kVA

X%

MAGYS 350 **350 A - 50%**
MAGYS 450 **450 A - 50%**

FULL SYNERGIC MIG OVER 1 000 PARAMETERS



+/-

ADJUSTABLE :
ELECTRONIC
CONTROL

- SOFT START
- BURN BACK
- POST GAS



DYNAMIC
ARC CONTROL
TECHNOLOGY



MATERIAL THICKNESS TEST



XL



HIGH STABILITY

360°



SHOCK RESISTANT





EASY
CLEANING



MIG/MAG TRI

HEAVY DUTY

MAGYS 350-4

40 **350 A**



air cooling

Ref. **033900** 130 kg



**4 DRIVE ROLLERS**
Ø 37 mm
MOTOR 70W



HIGH QUALITY
FOR HIGH PRECISION
Rollers Type C - p.49



WS-4L



Ref. **033573** 17 kg

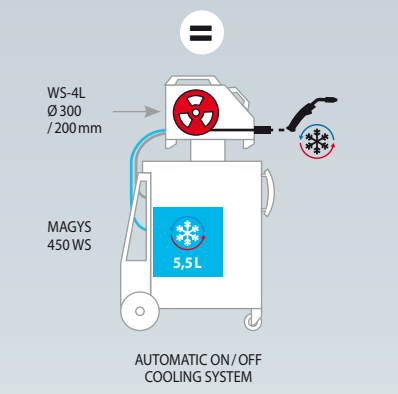
MAGYS 450 WS

45 **450 A**



liquid cooling

Ref. **033801** 160 kg



OPTION
Chariot / Trolley
Ref. 040977



Câble d'inversion de polarité
Polarity reversal cable
Ref. 033689



1,3 m

**GOUGEAGE / GOUGING**

1000 A

MAGYS 350
MAGYS 450 WS ✓

Ref. 041516



									
									
MAGYS 350-4 Ref. 033900	—	—	ACIER / INOX 350 A - 4 m AIR Ref.040946	ALU 350 A - 4 m AIR Ref.040953	4 m Ø 50 mm² Ref.043824	OPTIMAPRO 30L/min 30 L / mi	Ref. 043619	Ref. 041622	
							Ref. 043633	Ref. 041219	
							Ref. 043626	Ref. 041646	
							Ref. 043640	Ref. 041615	
MAGYS 450 WS Ref. 033801	WS-4L Ref. 033573	2 m-Ø 50 mm² Ref. 033696 5 m-Ø 50 mm² Ref. 033641 10 m-Ø 70 mm² Ref. 033658	500 A - 4 m LIQUID Ref.041004	500 A - 4 m LIQUID Ref.041097	4 m Ø 70 mm² Ref.043831				

 MADE IN FRANCE	 60974/1	 50 / 60 Hz	 A	 Ø mm	 min→max	 	 200 300	Cooling system	 EQUIPE D'ORIGINE ORIGINAL EQUIPEMENT ORIGINALAUSSTATTUNG EQUIPAMIENTO DE FABRICA ELECTRONIC CONTROL	EN60974-1 (40°C)		 Reg	 cm / kg	 Protected & compatible POWER GENERATOR (+/-15 %)
										I(A) (60%)	X% (I2 max)			
MAGYS 350-4		400V 3~	20	0,6 → 1,2	40 → 350	■	■	Air	 1,0 / 1,2 mm	320	350A@50%	20	50x105x98 / 130	12 kVA
MAGYS 450 WS		400V 3~	25	0,6 → 1,6	45 → 450	—	—	Liquid	—	410	450A@50%	30	50x105x98 / 160	20 kVA
WS-4L		—	—	—	—	—	■		 1,0 / 1,2 mm	—	—	—	25x59x56 / 17	—

HELMETS

TEINTE
SHADE 11

HAND MASK 11

MMA · TIG · MIG/MAG : 25 A → 175 A

HAND MASK 1
(105 x 50)
Ref. 042209



HAND MASK 2
(108 x 51)
Ref. 042957



MANUAL 11

MMA · TIG · MIG/MAG : 25 A → 175 A

FLIP FLAP
Ref. 042513



WARLORD FLIP
Ref. 043480



EXTRA
LARGE
97x80mm

LCD 11

MMA · TIG · MIG/MAG : 25 A → 175 A

MASTER LCD 11
Ref. 043442



LCD VISION 11
Ref. 042537



WARLORD LCD 11
Ref. 043473



SAFETY HELMET LCD 11
Ref. 043053



MMA · MIG/MAG · TIG : **5 A** → 175 A
VERY HIGH SPEED 0,00004 s

LCD EXPERT 11
Ref. 042278



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



Ref. 042810
Shade / IR 0



Ref. 042827
Shade / IR 0



Ref. 042841
Shade / IR 5



Ref. 042865
Shade / IR 0

Soudure chalumeau
- Torch welding
- Soldadura con soplete
- Autogenschweißen



Ref. 042803
Shade / IR 5



Ref. 042858
Shade / IR 5

CAGOLE TEXTILE DE PROTECTION
- Fireproof Protection Hood
- Textil-Schweisserschutzhaube
- Máscara de protección



Ref. 045224

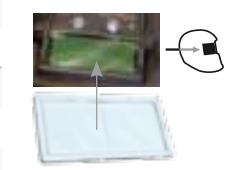
BANDEAU
ANTI-TRANSPIRATION
Antiperspirant
headband



Ref. 043466 (x2)

	LCD AUTOMATIC TECHNOLOGY	mm	Teinte / Shade	ms	Sensitivity	Delay	Energy	g	VERRES - Linse - Cristales - Schutzgläser - Gläser - Vidros	EXT.	INT.	
HANDMASK 1	—	92x36	11	—	—	—	—	—	Ref. 042629	105x50	x50	042643
HANDMASK 2	—	92x36	11	—	—	—	—	—	Ref. 042698	108x51	x20	042964
FLIP FLAP	—	96x46	11	—	—	—	—	505	Ref. 042735	110x60	x20	042698
WARLORD FLIP	—	97x80	11	—	—	—	—	425	Ref. 042728	110x90	x20	042728
MASTER LCD 11	■	92x36	11	0,30	—	—	☀	455	Ref. 042728	110x90	x20	042698
LCD VISION 11	■	96x46	11	0,50	—	—	☀	430	Ref. 042728	110x90	x20	042698
WARLORD LCD 11	■	96x46	11	0,50	—	—	☀	455	Ref. 042728	110x90	x20	042698
SAFETY HELMET LCD 11	■	96x46	11	0,50	—	—	☀	800	Ref. 042728	110x90	x20	042698
LCD EXPERT 11	■	97x47,5	11	0,25	—	—	☀	430	Ref. 042834	112x91	x20	042797

2x EXT. + 1x INT. = 042605



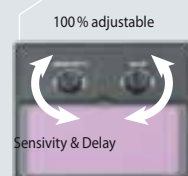
Loupe - Dioptré x2
Magnifying Glass
for EXPERT 11
Ref. 042780 (x1)

HELMETS

TEINTE
SHADE **9/13**

MMA · TIG · MIG : 25 A → 400 A (TIG : 300 A)

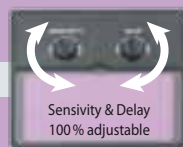
**MASTER
LCD 9/13**
Ref. 043459



**LCD VISION
9/13**
Ref. 042544



**WARLORD
LCD 9/13**
Ref. 043046



MMA-TIG-MIG/MAG : **5 A** → 400 A (TIG : 300 A)

HIGH SPEED 0,00004 S



**LCD EXPERT
9/13**
Ref. 042216



**LCD ZEUS
GOLD**
Ref. 042223



**LCD ZEUS
BLUE**
Ref. 042230

**LCD ZEUS
RED**
Ref. 042254



HIGH SPEED 0,0001 S

GYSMATIC 9/13
Ref. 043909



4
ARC SENSORS

**HIGH
SENSITIVITY**



VENTILATED / SPEED 0,0003 S



**AIRMAX TL
PREDATOR**
Ref. 043961

3
ARC SENSORS

**HIGH
SENSITIVITY**



Filter
Ref. 043992 (x1)

	LCD AUTOMATIC TECHNOLOGY	mm	Teinte / Shade	ms	Sensitivity	Delay	Energy	g	VERRES - Lense - Cristales - Schutzgläser - Glases - Vidros						Loupe - Dioptré x2 Magnifying Glass for: LCD VISION 9/13, EXPERT, ZEUS, GYSMATIC Ref. 042780 (x1)
									Ref.	EXT.	INT.	Ref.	EXT.	INT.	
MASTER LCD 9/13	■	92x42	9→13	0,10	■	■	☀	485	042728	110x90	x20	042766	103,5x47	x20	
LCD VISION 9/13	■	96x42	9→13	0,10	■	■	☀	480	042728 (2008+)	110x90	x20	042766 (2008+)	103,5x47	x20	
WARLORD LCD 9/13	■	90x40	9→13	0,40	—	—	☀	455	042704 (<2007)	115x95	x20	042711 (<2007)	97x46	x20	
LCD EXPERT 9/13	■	97x47,5	9→13	0,04	■	■	☀	430	042728	110x90	x20	042698	108x51	x20	
LCD ZEUS	■	97x47,5	9→13	0,04	■	■	☀	430	042834	112x91	x20	042797	96x50	x20	
GYSMATIC 9/13	■	100x60	9→13	0,10	■	■	☀+☺	450	042759	112x91	x2	042681	108x51	x2	
AIRMAX TL	■	98x40	9→13	0,30	■	■	☀+☺	400	042834	112x91	x20	042797	96x50	x20	
									043893	114x133	x10	043886	106x66	x10	
									043978	110x97	x10	043985	107x52	x10	

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

	A		max		Ref.
	35%	60%			
A	200A	150A	25 mm²	3,2 mm	043497 (x1)
B	200A	150A	35 mm²	4 mm	043503 (x1) 043558 (x50) 043602 (x1)
C	299A	250A	50 mm²	5 mm	043510 (x1) 043565 (x25) 043701 (x1)
D	400A	300A	70 mm²	6,3 mm	043718 (x1)
E	400A	300A	70 mm²	6,3 mm	043732 (x1)
F	500A	400A	95 mm²	6,3 mm	043725 (x1)

KIT POUR POSTES MMA (CÂBLES, PINCES, CONNECTEURS) - MMA kit (cables, clamps, connectors) - Kit MMA (cables, pinzas, conectadores) - Zubehörkit (Kabel, Klemme, Stecker)

B + A L = 1,6 m L = 2 m		E + B L = 4 m L = 4 m
150 / 200 A  16 mm²  10 / 25 mm² Ref. 047372 (x1)	200 A  25 mm²  10 / 25 mm² Ref. 047389 (x1)	300 A  35 mm²  35 / 50 mm² Ref. 047341 (x1)

MARTEAUX À PIQUER - Chipping Hammers - Hammer - Martillos

PRO 240 mm / 425 g Ref. 044142 (x1)	PRO 280 mm / 465 g Ref. 044135 (x1)	260 mm / 240 g Ref. 044159 (x1)	285 mm / 425 g Ref. 044128 (x1)
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A		L			Ref.
150 / 200 A	B	4 m	16 mm²	10 / 25 mm²	043848 (x1)
200 A	B	4 m	25 mm²	35 / 50 mm²	043855 (x1)
300 A	C	4 m	35 mm²	35 / 50 mm²	043862 (x1)
500 A	F	4 m	50 mm²	35 / 50 mm²	043879 (x1)

MMA
ARC WELDER



BROSSES - Brushes - Bürsten - Broses - Cepillos

Acier - Steel - Stahl - Acero -Staal -Aços Ref. 044241 (x1) Ref. 044265 (x24)	Inox - Stainless - Edelstahl Ref. 044258 (x1) Ref. 044272 (x24)	Marteau / Brosse - Hammer / Brush - Hammerbürste Ref. 044166 (x1)	Acier - Steel - Stahl - Acero -Staal -Aços Ref. 044227 (x1)	Inox - Stainless - Edelstahl Ref. 044289 (x1)
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PINCES DE MASSE - Earth clamps - Masseklemmen - Pinzas de masa - Massaklem - Pinças de massa

	A		max	Ref.
	35%	60%		
A	200A	150A	35 mm²	043114 (x1) 043121 (x25) 043107 (x1)
B	400A	300A	70 mm²	043213 (x1) 043152 (x25) 043206 (x1)
C	300A	—	—	043138 (x1) 043145 (x25)
D	400A	—	—	043176 (x1) 043183 (x25)
E	400A	—	70 mm²	048997 (x1)
F	500A	400A	70 mm²	048980 (x1)
G	500A	400A	70 mm²	048973 (x1)
H	600A	500A	95 mm²	043220 (x1) 043169 (x10)

CÂBLES DE SOUDAGE - Welding cables - Schweisskabel - Cable de soldadura Laskabels - Cabos de soldadura

		L	Ref.
16 mm²		5 m	046207
		100 m	046252
25 mm²		5 m	046306
		100 m	045408
35 mm²		100 m	046603
		100 m	046405
50 mm²		100 m	046702
		100 m	046757
70 mm²		100 m	046801
		100 m	046832
95 mm²		100 m	046863

TEXAS - Dinze plugs

		 min / max		Ref.
	T 25	10 / 25 mm²	x 20	045644
	T 50	35 / 50 mm²	x 10	045637
		70 / 95 mm²	x 5	045743

GOUGEAGE - Gouging

Pince de gougeage Gouging Torch Fugenhobler 1000 A Ref. 041516		Electrodes de gougeage Gouging Electrodes Kohleelektroden Electrodo de carbono Ø 6,4 mm (x50) Ref. 086081 Ø 8 mm (x50) Ref. 086098	
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A		L			Ref.
150 / 200 A	A	2 m	16 mm²	10 / 25 mm²	043770 (x1)
250 A	B	3 m	25 mm²	10 / 25 mm²	043787 (x1)
250 A	B	4 m	25 mm²	35 / 50 mm²	043794 (x1)
300 A	D	4 m	25 mm²	35 / 50 mm²	043800 (x1)
400 A	B	4 m	35 mm²	35 / 50 mm²	043817 (x1)
500 A	D	4 m	50 mm²	35 / 50 mm²	043824 (x1)
600 A	H	4 m	70 mm²	35 / 50 mm²	043831 (x1)

CABLES

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

		max		Ø		Ref.
		10 mm²	M5		x100	047501
		16 mm²	M5		x100	047518
		25 mm²	M5		x100	047525
		35 mm²	M6		x100	047532
		50 mm²	M10		x100	047549
		70 mm²	M10		x100	047556
		95 mm²	M10		x50	047570

CONNECTEURS - Connectors-Stecker - Conectores - Schakelears - Conectores

		min / max		Ref.
	T 25	10 / 25 mm²	x30	045651
		35 / 50 mm²	x10	045620
	T 50	70 / 95 mm²	x5	045736
		10 / 25 mm²	x20	045668
	T 50	35 / 50 mm²	x10	045613
		70 / 95 mm²	x5	045750
	T 25	10 / 25 mm²	x1	045507
		35 / 50 mm²	x1	045606

ÉLECTRODES - Electrodes - Elektroden - Electrodo - Elektroden - Electrodo

BLISTER - Blisterverpackung



CONSUMABLES

ÉTUI - Case - Estuche - Schachtel

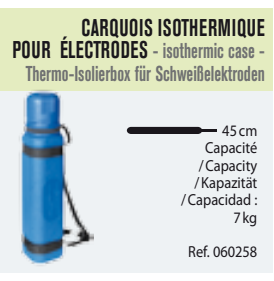


ACIER - Rutile - Rutilen- Rutilos - Rutielen - Rútilos						
Type GY38	Ø	L	x...	Ref.	kg	
F	Ø 1,6	300	210	085114	1,65	
	Ø 2,0	350	155	085121	2,08	
	Ø 2,5	350	110	085138	2,11	
	Ø 3,2	350	70	085145	2,09	
G	Ø 4,0	350	47	085152	2,21	
	Ø 2,0	350	355	085022	4,82	
	Ø 2,5	350	230	085039	4,46	
	Ø 3,2	350	165	085046	4,85	
	Ø 4,0	350	110	085053	5,39	

	DIN	AWS	EN	DB 
A-F-G		AWS A 5.1 : E 6013	EN 449 : E 42 0 RC11	10.064.02
B	DIN 8573 : E Ni Fe BG 13	AWS A 5.15 : E Ni Fe C1		
C		AWS A 5.4 : E 308 L-17		
D	DIN 8556 : E 19 12 3 NCR23	AWS A 5.1 : E 316 L-16	EN 1600 : 19123 LR12	
E		AWS A 5.3 : E 4043		
H-I	DIN 8555 : E2-UM-60			

NORMES - Norms - Normen - Norma

RECHARGEMENT - Hardfacing - Auftragschweißen - Recargue - Herladen - Enchimento						
	Ø	L	x...	Ref.	kg	
H	Ø 3,2	450	141	081529	6,6	
	Ø 4,0	450	90	081512	6,8	
I	Ø 2,5	350	46	081543	1	
	Ø 3,2	450	22	081574	1	
	Ø 4,0	450	14	081581	1	



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



	kg	Ø	Ø 0,6 mm	Ø 0,8 mm	Ø 1,0 mm	Ø 1,2 mm
Acier - Steel - Stahl - Acero - Staal - Aço (SG2)	0,9	100 mm	086593	086609		
	5	200 mm	086111	086128	086135	
	15	300 mm	086166	086227	086234	086241
	18	300 mm		086272 (15 kg)	086289	086296
Galva (G2Ti)	5	200 mm	086760	086777		
Alu (AlMg5)	0,5	100 mm		086548		
	2	200 mm		086555	086562	
	7	300 mm			086524	086531
Alu (AlSi5)	0,5	100 mm		086685		
Alu (AlSi12)	0,5	100 mm		086678		
Inox - Stainless Edelstahl (308LSi)	1	100 mm		086616		
	5	200 mm		086579		
Inox - Stainless Edelstahl (316LSi)	5	200 mm		086326		
CuSi3 HLE - UHTS (Boron Steel)	1	100 mm		086692		
	5	200 mm		086647	086654	
CuAl8 HLE - UHTS (Boron Steel)	5	200 mm		086661		
Fil fourré, Cored wire, Fülldraht, Hilo tubular						
Acier - Steel - Stahl NO GAS	4,5	200 mm		Ø 0,9 = 086623		086630
	0,9	100 mm		Ø 0,9 = 086104		

NORMES - Norms - Normen - Norma

DIN	AWS	EN
	AWS A 5.18 : ER 70S6	EN 440 : G3 Si 1
	AWS A 5.18 : ER 70S2	
DIN 1732 : AlMg5	AWS A 5.10 : ER 5356	
	AWS A 5.10 : ER 4043	
DIN 1913 : E 51 21 R3	AWS A 5.10 : ER 4047	
	AWS A 5.9 : ER 308L Si	EN 12072 : G19 9L
	AWS A 5.9 : ER 316L Si	EN 12072 : G19 12 3L
DIN 1733 : CuSi3	AWS A 5.7 : ER CuSi-A	
	AWS A 5.7 : ER CuAl-A1	EN 12072 : G19 9L
	AWS A 5.20 : E71T-G5	EN 758 : T 42 ZW N 1H10

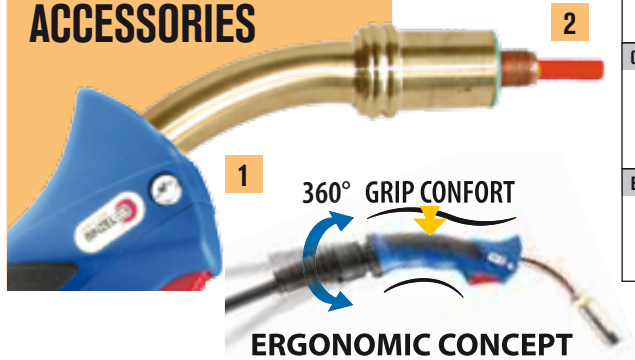
MÉTAUX D'APPORT TIG - TIG filler rods - WIG Schweißstäbe

0,33 kg (L = 330 mm)				x...	Ref.
Acier - Steel - Stahl - Acero - Staal - Aço (SG2)	Ø 1,6	60	087224		
	Ø 2,0	40	087231		
	Ø 2,4				
Inox - Stainless - Edelstahl (308LSi)	Ø 1,6	60	087248		
	Ø 2,0	40	087255		
	Ø 2,4				
Inox - Stainless - Edelstahl (316LSi)	Ø 1,6	60	087262		
	Ø 2,0	40	087279		
	Ø 2,4				
5 kg (L = 1 m)				x...	Ref.
Acier - Steel - Stahl - Acero - Staal - Aço (SG2)	Ø 1,6	319	087019		
	Ø 2,0	204	087217		
	Ø 2,4	142	087033		
Inox - Stainless - Edelstahl (308LSi)	Ø 1,6	319	087156		
	Ø 2,0	204	087163		
	Ø 2,4				
Inox - Stainless - Edelstahl (316LSi)	Ø 1,6	315	087125		
	Ø 2,0	205	087200		
	Ø 2,4	140	087149		
Alu - Aluminium - Aluminio (AlMg5)	Ø 1,6	920	087170		
	Ø 2,0	590	087187		
	Ø 2,4	410	087194		

THORIÉES (DC)			PUR (AC)			WR2 (AC / DC)		
Acier-Steel-Stahl-Acero-Staal-Aço			Alu - Aluminium - Aluminio			Acier / Inox/ Alu		
Ø 1,6	x10	044524	Ø 1,6	x10	044555	Ø 1,6	x10	044586
Ø 2,0	x10	044531	Ø 2,4	x10	044579	Ø 2,0	x10	044593
Ø 2,4	x10	044548				Ø 2,4	x10	044609
						Ø 3,2	x10	044616

MIG/MAG

ACCESSORIES



5	A 150 A - MB15	
	B 250 A - MB25	
	C 300 A - MB 240 / 350 A - MB36	
	E 500 A - MB401	

1 TORCHES - Torches - Brenner - Antorcha - Lastoort - Tocha

		I max	L	5	original equipment	Ref.	X % 40°C - ArCo ₂
Acier - Steel - Stahl- Acero - Staal - Aço Inox - Stainless	AIR	150 A	3m	A	M6	Ø 0,8	041424 150A (60 %)
		250 A	3m	A	M6	Ø 0,8	043268 150A (60 %)
		350 A	4m	B	M6	Ø 1,0	040922 200A (60 %)
	LIQUID	300 A	4m	C	M8	Ø 1,2	040946 290A (60 %)
		500 A	4m	C	M6	Ø 1,2	043275 270A (100%)
		500 A	4m	E	M8	Ø 1,2	041004 380A (100%)
Alu	AIR	150 A	3m	A	M6	Ø 0,8	041462 150A (60 %)
		250 A	4m	B	M6	Ø 1,0	040939 200A (60 %)
		350 A	4m	C	M8	Ø 1,2	040953 290A (60 %)
	LIQUID	300 A	4m	C	M6	Ø 1,2	043282 270A (100%)
		500 A	4m	E	M8	Ø 1,2	041097 380A (100%)
		500 A	4m	E	M8	Ø 1,2	041097 380A (100%)

2 GAINES - Sheaths - Mantel - Funda - Drahtseelen - Folha

		L	Ø 0,6 & 0,8	Ø 1,0 & 1,2	Ø 1,2 & 1,6
	Acier - Steel - Stahl - Acero - Staal - Aço	3 m	041592	041608	418417
		4 m	041837	041844	418424
Téflon :					
	Inox-Stainless / Alu	3 m	041578 (0,8)	041585	
		4 m	044050	044067 (1,0)	044074

4 BUSES - Gas nozzle - Düsen - Tubo - Nippel - Bicos

STANDARD		Buse conique - Conical nozzle - Konische Düse - Tubo cónico - Conische nippel - Bico cónico
x3		150 A 041875 250 A 041882 350 A 041783 450 A 041981 350 A / LIQUID 042315
SPECIAL		Buse de pointage - Spot welding nozzle - Punktdüse - Tubo de punteria - Hecht-nippel - Bico pontiagudo
		150 A 041851
		150 A 041523
		150 A 041868
		SPECIAL NO GAS isolated nozzle →

5 PORTE TUBE CONTACT & DIFFUSEUR

A	150 A		042902 (x5)		042988 (x10)
B	250 A		042919 (x5)		042995 (x5)
C	300 A 350 A		042926 (x5)		043008 (x3)
E	500 A		042940 (x5)		043022 (x3)

3 (x10) TUBES CONTACTS - Contact tubes - Kontaktrohre - Tubo de contacto - Contactbuis - Pontas de contacto

Ø 0,6	Ø 0,8	Ø 1,0	Ø 1,2	Ø 1,4	Ø 1,6
041905	041912	041929			
041905	041912	041929			
041905	041950	041967	041974		
	041790	419803	419810	419827	419834
	041950	041967	041974		
	041790	419803	419810	419827	419834
		041066	041073		
		419766	419773		041080
	041950	041967	041974		
		419766	419773		041080

COFFRETS - Boxes - Kästen - Cajas - Kistjes - Estojos



MB 15 (150 A) - Ref. 041226

x3	x5	x5 (M6-Ø 0,6) x5 (M6-Ø 0,8) x5 (Alu - M6-Ø 0,6)	x3

MB 25 (250 A) - Ref. 041233

x5	x3	x5 (M6-Ø 0,8) x5 (M6-Ø 1,0) x5 (Alu - M6-Ø 1,0)	x3

MB 36 (350 A) - Ref. 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

TORCHE ASPIRANTE - Fume Extraction Torch - Rauchgas-Absaugbrenner - Antorcha con aspiración de humos



ASPIRATEUR DE FUMÉE - Fume Extraction System - Rauchgasabsauggerät



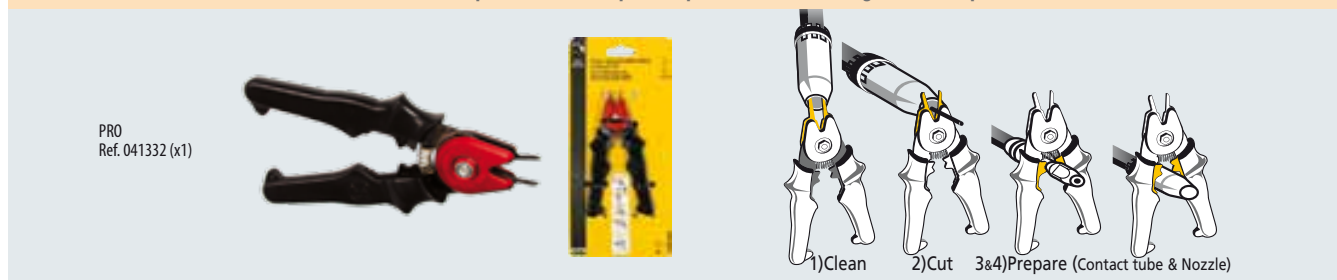
GREEN TORCH 180 A



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

		TYPE A	TYPE B	TYPE C
		Ø 30 mm	Ø 37 mm	Ø 37 mm
		Ø 9 mm	Ø 9 mm	Ø 19 mm
		Pearl, Smartmig	Monogys 160-25, 185-25, 200-2CS, 250-4CS Trimig 200-45, 250-45, 305-45, 385-45, Duogys 390-45, PearlXL, WF4R, WF4L	Magys 350, WS4L, Neopulse 270
Acier - Steel - Stahl- Acero - Staal - Aço Inox - Stainless	Ø 0,6 / 0,8	042339 (x1)	042087 (x1)	042353 (x2)
	Ø 0,8 / 1,0	041189 (x1)	042100 (x1)	042360 (x2)
	Ø 1,0 / 1,2		042179 (x1)	042117 (x2)
	Ø 1,2 / 1,6			042384 (x2)
Alu	Ø 0,8 / 1,0	041196 (x1)	042155 (x1)	042377 (x2)
	Ø 1,0 / 1,2		042186 (x1)	042148 (x2)
	Ø 1,2 / 1,6			042162 (x2)
No Gas	Ø 0,9			042391 (x2)
	Ø 0,9 / 1,2	042346 (x1) sauf / except Monomig160-1	042131 (x1)	042407 (x2)
				042124 (x2)

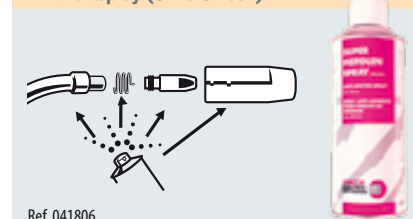
PINCE SPÉCIALE MIG/MAG-ORIGINAL FIX - Special MIG-MAG plier - Spezial MIG/MAG Zange - Pinza especial MIG MAG



KIT SOUDAGE NO GAZ Ø 0,9 - No Gas Welding Kit Ø 0,9



SPRAY PROTECTEUR (SANS SILICONE) - Anti-spatter spray (without silicone) - Antihafspray (Ohne Silikon)



SUPPORT TORCHE MAGNÉTIQUE - MIG torch stand with magnetic base





BINZEL

TORCHE COMPLÈTE - Complete torch - Brenner			SR 9		SR 17			SR 26			SR 20			SR 18	
			L	DB	V	L	DB	L	DB	P	L	DB	P	DB	
			110 A (60%)		140 A (60%)			240 A (60%)			220 A (100%)			320 A (100%)	
X % AC			95 A (60%)		125 A (60%)			220 A (60%)			200 A (100%)			240 A (100%)	
Cooling System			AIR		AIR			AIR			LIQUID			LIQUID	
  Ø mm	10 / 25	4 m	044432	—	044425	—	044296	—	—	—	—	—	—	—	—
		8 m	044333	—	—	—	—	—	—	—	—	—	—	—	—
	35 / 50	4 m	—	—	044401	044449	044388	044463	044418	044494	—	044470	—	—	044630
		8 m	—	044319	—	044340	044395	044371	044487	044500	044357	044364	044517	—	044647



			SR 9		SR 17 & SR 26			SR 20			SR 18	
	Buse - Ceramic Gas nozzle	N4 Ø 6,5	044876 (x3) *	—	—			044876 (x3) *			—	
		N5 Ø 8,0	— *	—	045026 (x3) *			—			045026 (x3) *	
		N6 Ø 9,5	044883 (x3) *	—	—			044883 (x3) *			—	
		N7 Ø 11	— *	—	045033 (x3) *			—			045033 (x3) *	
		N8 Ø 12,5	— *	—	—			045170 (x3) *			—	
	Support pince et buse - Support clamp and nozzle	Ø 1,6	044838 (x3) *	—	044968 (x3) *			044838 (x3) *			044968 (x3) *	
		Ø 2,0	045149 (x3) *	—	—			045149 (x3) *			—	
		Ø 2,0 / 2,4	— *	—	044975 (x3) *			—			044975 (x3) *	
		Ø 2,4	044845 (x3) *	—	—			044845 (x3) *			—	
		Ø 3,2	— *	—	045118 (x3) *			045248 (x3) *			045118 (x3) *	
	Bague isolante - Insulating ring adaptor		044890 (x1) *	—	045040 (x1) *			044890 (x1) *			045040 (x1) *	
	Pince étau - Diffuser clamp bracket	Ø 1,6	044852 (x3) *	—	044982 (x3) *			044852 (x3) *			044982 (x3) *	
		Ø 2,0	045132 (x3) *	—	044999 (x3) *			045132 (x3) *			044999 (x3) *	
		Ø 2,4	044869 (x3) *	—	045019 (x3) *			044869 (x3) *			045019 (x3) *	
		Ø 3,2	— *	—	045125 (x3) *			045255 (x3) *			045125 (x3) *	
			—	—	—			—			—	
	Coiffe - Back cap	Courte - Short	044814 (x1) *	—	044944 (x1) *			044814 (x1) *			044944 (x1) *	
		Longue - Long	044821 (x1) *	—	044951 (x1) *			044821 (x1) *			044951 (x1) *	

	Coffrets - Boxes - Kästen - Cajas - Kistjes - Estojos	* inclus (à l'unité) dans le coffret / included in the box (1 of each)	DC Ref.044654 (Tungsten electrode WR2 Ø 1,6 included)	AC / DC Ref.044678 (Tungsten electrode WR2 Ø 1,6 & Ø 2,4 included)	AC / DC Ref.044685 (Tungsten electrode WR2 Ø 1,6 & Ø 2,4 included)	AC / DC Ref.044678 (Tungsten electrode WR2 Ø 1,6 & Ø 2,4 included)



			SR 9		SR 17 & SR 26			SR 20			SR 18	
	Buse diffuseur - Gas nozzle ceramic for gas lens	N4 Ø 6,5	044920 (x3)	—	—			044920 (x3)			—	
		N5 Ø 8,0	—	—	045071 (x3)			—			045071 (x3)	
		N6 Ø 9,5	044937 (x3)	—	—			044937 (x3)			—	
		N7 Ø 11	—	—	045088 (x3)			045262 (x3)			045088 (x3)	
		Ø 1,6	044906 (x2)	—	045057 (x2)			044906 (x2)			045057 (x2)	
	Diffuseur support pince - Nozzle body with gas lens	Ø 2,0	045156 (x2)	—	—			045156 (x2)			—	
		Ø 2,0 / 2,4	—	—	045064 (x2)			—			045064 (x2)	
		Ø 2,4	044913 (x2)	—	—			044913 (x2)			—	
		Ø 3,2	—	—	—			045279 (x2)			—	
			—	—	—			—			—	
	Bague isolante - Insulating ring adaptor		—	—	045095 (x1)			—			045095 (x1)	
	Bague diffuseur - Adaptor for gas nozzle		—	—	045040 (x1)			—			045040 (x1)	

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

Pour bouteille gaz jetable
- For disposable bottle
- Für einweg Gasflaschen
Ref. 041639

60L
Ref. 041820

20L/min
Ref. 041998

30L/min
(FR) Ref.041622
(DE) Ref.041219
(EN) Ref.041646
(NL) Ref.041615

OPTIMAPRO
30L/min
(FR) Ref.043619
(DE) Ref.043633
(EN) Ref.043626
(NL) Ref.043640

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

RACCORDS GAZ - Gas connector

Ref. 041905

GUIDE CÂBLE DE SOUDAGE - Welding cable hitch

Ref. 044234

MAGNET

(x2)
Ref. 052291

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

Aimant spécial soudure
- Special welding magnet
- Fixier-Schweißmagnet
- Imán especial para soldadura
- Speciale lasmagneet
- Magnet especial
Ref. 044203

Double aimant articulé
- Double articulated magnet
- Doppelmagnet mit Gelenk
- Doble imán articulado
- Dubbele scharnierende magneet
- Magnet especial articulado
Ref. 044302

Aimant débrayable
Ref. 044197

COUVERTURE ANTI-CHALEUR - Heat cover - Hitzeschutzdecke - Manta anti-calor - Proteção anti-aquecimento

550°C / 1000°F
2 m x 2 m
Ref. 050495

1200°C / 2200°F
1,75 m x 1,50 m
Ref. 050204

GANTS CUIR MULTI-USAGE - Multi-use leather gloves - Mehrzweck-Lederhandschuhe - Guantes de cuero multi-uso

Heavy DutyT10
(MMA - MIG - Plasma)
Ref. 045101

Gants PRO TIG
T10
Ref. 045194

Gants PRO TIG EXTRA
T10
Ref. 045194

MANCHETTES DE SOUDEUR - Welding sleeves - Schweißerärmel - Mangas protectoras

Ref. 045231

RIDEAU DE SOUDAGE - Welding curtain and frame

200 cm x 200 cm
EN 1598
Ref. 060227

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

Ref. 045200

Ref. 045217

Switzerland : 048010 (x8)
Israel : 048027 (x10)
New-Zealand : 048034 (x10)

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

FFP1
(x20) EN 149-2001
Ref. 043916

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

PINCES ÉTAU - Self-locking pliers - Gripzangen

(x16) = — 3 — +3 — +5 — +5) Ref. 050266

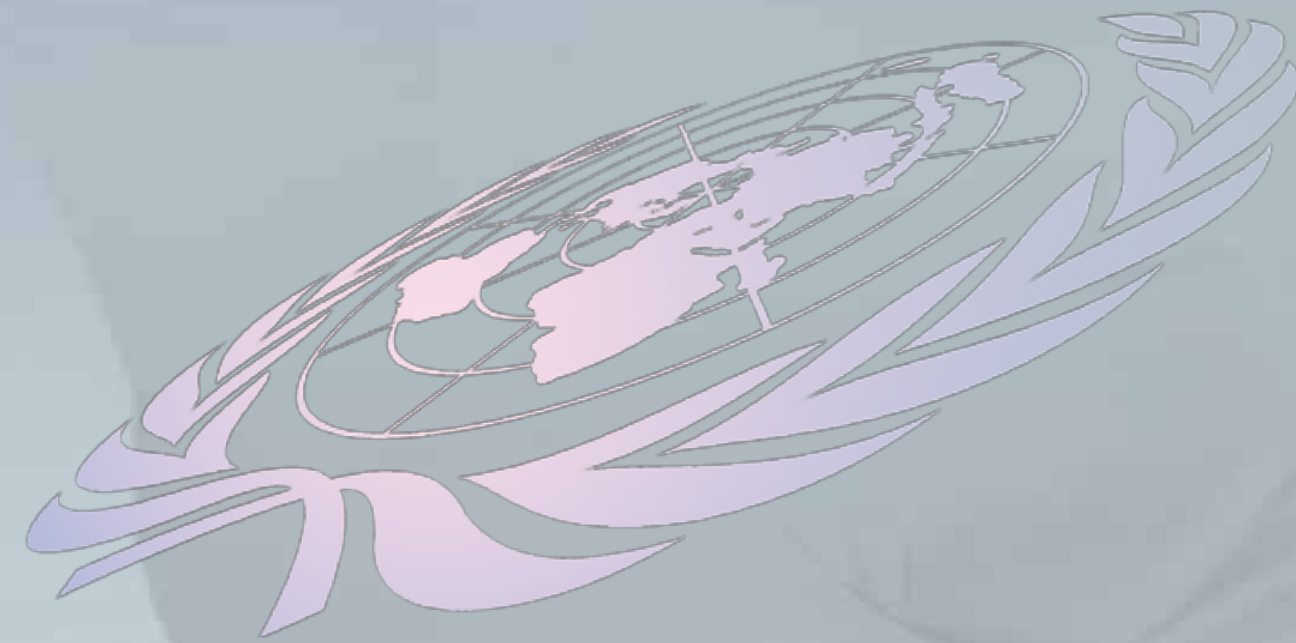
(x6)
Ref. 050112



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