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manufacturer
since 1964

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SMARTMIG EASYMIG

Intuitive MIG/MAG power sources,
accessible to welders of all levels

SMARTMIG



the **2 in 1** machine dedicated to MIG/MAG welding

Key features



Robust, this welding machine range allows the hobbyist or craftsmen to make accurate adjustments in just a few seconds and without needing to know the numeric settings.



2 in 1
Welding with gas and without gas («no gas»)



Traditional machine
with transformer



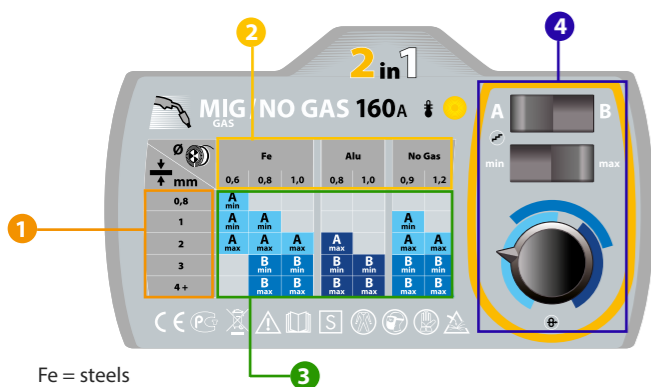
Easy to set up
Simplified welding access



Can be used on multiple metals
Steel, stainless steel or aluminium

Set up your machine in a few seconds with the **SMART** interface

With its intuitive interface, the SMARTMIG guides you in setting up your welding machine according to the type of wire used, its diameter and the thickness of the sheet to be welded.



- 1 What is the thickness of the sheet to be welded?
- 2 What type and diameter of wire do you have?
- 3 Identify the corresponding setting :

A	A	A	B	B	B	B
min	max	max	min	max	min	max
- 4 Report the information on the interface :
 - A or B and min or max (corresponds to the voltage)
 - Colour range of the potentiometer (corresponds to the wire feed speed)

Fe = steels

EASYMIG



the **3 in 1** and multi-purpose product (MIG/MAG & MMA)

Key features



Advanced inverter technology means that these lightweight and versatile welding units provide excellent welding quality and low power consumption.



3 in 1
Welding with gas, without gas («no gas») and with coated electrode



Inverter machine
Electronics (reduced power consumption)



Easy to set up
Quick access to welding and precise settings



Can be used on multiple metal
Steel, stainless steel or aluminium



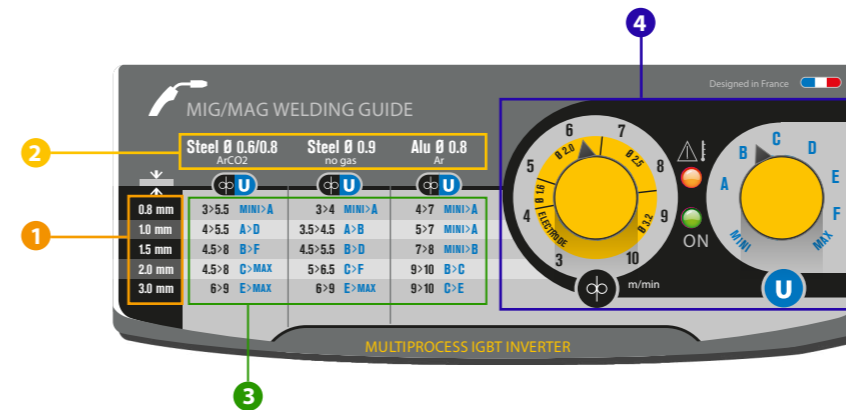
TIG process
with scratch ignition



Lightweight
Compact machine

Set up easily your product with the **EASY** interface

Thanks to the easy to read table, the welder can quickly adjust the voltage and wire speed as needed. Potentiometers ensure precise parameter settings guaranteeing the best welding conditions for the user.



- 1 What is the thickness of the sheet to be welded?
- 2 What type and diameter of wire do you have?
- 3 Identify the corresponding setting.
- 4 Report the information on the interface :
 - ϕ - Wire speed : turn the potentiometer to the corresponding range expressed as a number from 3 to 10.
 - U - Voltage : turn the potentiometer to the corresponding range expressed in letters.

Activity fields adapted to SMARTMIG & EASYMIG



SMARTMIG tutorial



DIY

Ideal for do-it-yourself and non-intensive repair activities.



AGRICULTURAL

Suitable for the repair of agricultural machines and equipment.



MAINTENANCE

Perfect for light maintenance in the workshop or for home use.



CRAFTS

Portability and ease of use makes it ideal for users with all levels of ability.



EASYMIG tutorial

Range SMARTMIG



Discover the SMARTMIG range

2 in 1

1. wire welding with gas
2. wire welding without gas

Range EASYMIG



Discover the EASYMIG range

3 in 1

1. wire welding with gas
2. wire welding without gas
3. coated electrode welding

Good to know...

Gas welding requires the use of a **solid wire** and an external protective gas (gas bottle) to protect the weld from oxidation. Ideal for indoor welding (workshop/garage), the weld is highly resistant and aesthetically pleasing.

Gasless welding requires the use of a **cored wire («no gas»)** incorporating a protective powder to protect the weld from oxidation. Ideal for welding indoors (workshop/garage) and outdoors (windy environment), the weld is highly resistant.

	Power supply 50/60 Hz	Welding material and protective gas		Weldable thickness* (mm)			Interchangeable torch	Bottle support (max.)	Accepted wire reel diameter (mm) (weight**)			Weight (kg)
		Steel/Stainless steel with or without gas (SMARTMIG 110 only without gas)	Alu with gas	0,8	0,8 > 4	4+			Ø 100 (1 kg)	Ø 200 (5 kg)	Ø 300 (15 kg)	
For occasional use	1 ~ 230 V (13 A) SMARTMIG 110 033993	✓		✓	✓				✓			13.5
	1 ~ 230 V (13 A) SMARTMIG 142 033153	✓	✓	✓	✓	✓			✓	✓		22.5
	1 ~ 230 V (16 A) SMARTMIG 162 033160	✓	✓	✓	✓	✓	✓	5 L (1 m ³)	✓	✓		28
For regular use	1 ~ 230 V (16 A) SMARTMIG 182 033184	✓	✓	✓	✓	✓	✓	20 L (4 m ³)		✓	✓	47

	Power supply 50/60 Hz	Welding material and protective gas		Weldable thickness* (mm)			MMA electrode (mm)	TIG Scratch	Interchangeable torch	Digital display	Accepted wire reel diameter (mm) (weight**)			Weight (kg)
		Steel/Stainless steel with or without gas (SMARTMIG 85 only without gas)	Alu with gas	0,8	0,8 > 4	4+					Ø 100 (1 kg)	Ø 200 (5 kg)	Ø 300 (15 kg)	
For occasional use	1 ~ 230 V (16 A) EASYMIG 85 065536	✓		✓	✓						✓			8.5
	1 ~ 230 V (16 A) EASYMIG 110 013599	✓	✓	✓	✓	✓	Ø 1.6 ↓ Ø 2.5	✓			✓			9.5
	1 ~ 230 V (16 A) EASYMIG 130 032231	✓	✓	✓	✓	✓	Ø 1.6 ↓ Ø 3.2	✓			✓			10.5
	1 ~ 230 V (16 A) EASYMIG 140 032262	✓	✓	✓	✓	✓	Ø 1.6 ↓ Ø 3.2	✓	✓		✓			11.3
	1 ~ 230 V (16 A) EASYMIG 150 032248	✓	✓	✓	✓	✓	Ø 1.6 ↓ Ø 3.2	✓	✓		✓	✓		13
For regular use	1 ~ 230 V (16 A) EASYMIG 160 032255	✓	✓	✓	✓	✓	Ø 1.6 ↓ Ø 3.2	✓	✓	✓	✓	✓		14.3

*The data shown are for information only and for steel workpieces. ** The weights shown are for steel wire reels.

The essentials Accessories & consumables



Gasless wire welding (steel only)



Welding kit
no gas
041240

Steel cored wire Ø 0,9
Reel Ø100 / 0.9 kg
086104

Steel brush
044241

Chipping hammer
044135

SMARTMIG 110
EASYMIG 85/110/130/140
Roller type D
for cored wire
Ø 0.8 / 0.9-1.0 mm
039476

SMARTMIG 142/162/182
EASYMIG 150/160
Roller type A
for cored wire
Ø 009-1.0 / 1.2 mm
042346

Wire welding with gas

Depending on the material to be welded (steel, stainless steel or aluminium) certain accessories and consumables must be changed: rollers, liners, contact tubes and protective gas.



Steel wire Ø 0.8
Bobine Ø100 / 0.9 kg
086609

Stainless steel wire Ø 0.8
Reel Ø100 / 1 kg
086616

Alu wire Ø 0.8
Reel Ø100 / 0.5 kg
086548

SMARTMIG 110
EASYMIG 110/130/140
Roller type D
for Alu wire
Ø 0.8 / 1.0 mm
039469

SMARTMIG 142/162/182
EASYMIG 150/160
Roller type A
for Alu wire
Ø 0.8 / 1.0 mm
041196

Contact tube M6

Part numbers	041905	041912	041929	041059	041066
Diameter (Ø mm)	0.6	0.8	1.0	0.8	1.0
Steel	•	•	•		
Aluminium				•	•

Gas

Part numbers	043664	043671	043688
Composition (%)	Ar	80	100
	CO ₂	20	-
Applications	MAG (Steel/Stainless steel)		MIG (alu)
Volume	1.8 l (150 l)	2.2 l (220 l)	
Pressure +20°C	84 bar	100 bar	
Dimensions (mm)	102 x 280	102 x 325	
Weight (kg)	1.7	2	



Liner PTFE 3 m
For Alu wire Ø 0.6 / 0.8
041578



Liner PTFE 3 m
For Alu wire Ø 1.0 / 1.2
041585

The essentials Individual protection



Good to know...

When welding with an electric arc, safety is paramount. The electric arc produces ultraviolet (UV) rays that are harmful to the eyes and skin. It is therefore imperative for the welder to be equipped with individual protection to avoid any risk of exposure to UV rays and debris projections.

Welding aprons



Multi-purpose split leather apron
045200

Professional welding apron
045217

Welding helmets



FLIP-FLAP Helmet
Shade 11
042513

LCD TECHNO 11 Helmet -
Shade 11 - **TRUE COLOR**
064997

LCD TECHNO 9/13 Helmet -
Shade 9 to 13 - **TRUE COLOR**
065048

Welding gloves



Reinforced cowhide leather welding gloves
Red (S. 10) : 045101
Blue (S. 10) : 045873
Yellow (S. 9.5) : 064171

Complete protection kits



Part numbers	070493	070561 + 064997
Description	Standard welder equipment	Welder's PRO equipment + Welding helmet LCD TECHNO 11 TRUE COLOR
Kit	- Hand helmet - Multi-purpose welding gloves - Hammer-brush	Welder's PRO kit : - Welding apron - Multi-purpose welding gloves - Chipping hammer - Steel brush 4 rows Welding helmet : - Light shade: 3 - Dark tint: 11 - Reaction time: 0.6 ms - Clearance time 0.35 sec - Field of vision 98 x 35mm

Welding with coated electrodes

Rutile Steel Electrodes		
Ø1.6	50 electrodes	084414
Ø2.0	50 electrodes	084421
Ø2.5	50 electrodes	084438
Ø3.2	50 electrodes	084445
Stainless steel electrodes		
Ø2.5	10 electrodes	082335
Ø3.2	25 electrodes	081482



Steel brush
044241

Stainless steel brush
044258

Chipping hammer
044135

TIG welding (tungsten electrodes)



Torch TIG Kit
SR 17V (valve)
4m, 10/25 mm²
044425

Disposable gas bottle
Pure argon
043688

Flowmeter for disposable gas bottle
041639

Other electrode part numbers available.



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