

WELDING

ROBOTICS

CUTTING

DRAWN ARC

INDUCTION

ACCESSORIES

VALIDATION

PPE & HELMETS



INVEST IN THE FUTURE



French manufacturer
since 1964

Professional
and industrial equipment

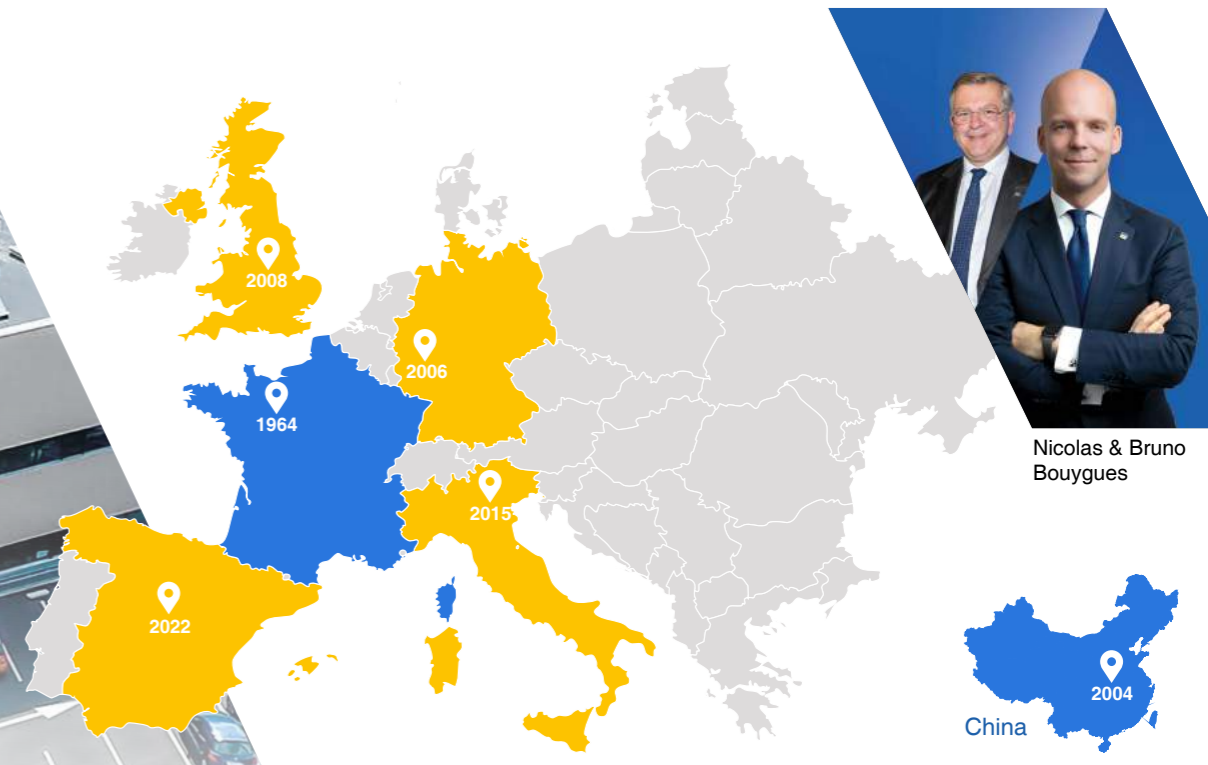
2023

A SOLID FAMILY GROUP

Created in 1964, GYS is a French industrial group with 900 employees around the world. Built around continuous investment in Research & Development and in the acquisition of knowledge, the company is now a major player in the design and manufacture of welding machines, battery chargers and car body repair equipment.

“ The market realities are constantly changing and the size of our family business requires us to quickly adapt to new contexts and new challenges.

We are convinced that our future is closely linked to the future of our partners. This is why we do everything in our power to understand what distributors and users expect from us and what challenges they face every day. To support them in facing these challenges, we wish to become and remain their privileged partner on the path we will travel together. ”



Nicolas & Bruno Bouygues



Visit of the French factory

INVEST IN THE FUTURE

Employees x 900 	Turnover 2022 125 million € 	2 production factories 	1 global logistics platform 	6 subsidiary offices
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100% INTEGRATED MANUFACTURING




























Visiting our production site is an amazing journey through an incredible variety of trades (electronics, mechanics, transformers, spinning, sheet metal work, painting...). Our philosophy is based on the complete integration of our production process in order to control the smallest details.

This industrialization in ISO 9001 and ISO 14001 certified workshops offers our customers great flexibility and increased reactivity. The investment and the continuous improvement of the performance of this production tool are our reason to live, because we consider that this is the guarantee of our competitiveness of tomorrow.



 Visit of the French factory

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55 000 m²
of industrial space


3 300
references in stock


1 000 000 products
shipped each year


1 service center
20 repair technicians



M M A



PROGYS
p.8



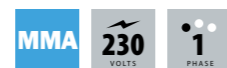
GYSARC
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GYSARC TRI
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PROGYS 180A



The PROGYS 180A is a simple-to-use, easily transportable, electrodedwelding workstation complete with inverter technology. The welding settings will automatically adjust themselves when selecting which size of electrode is to be used. It boasts three features to facilitate the user's work: Hot Start, Arc Force and Anti-Stick support the operator from the beginning to the end of the welding process.

- **MMA welding:** weld with rutile, basic, stainless steel and cast iron electrodes (up to Ø 4 mm)
- Three separate welding-assistance systems: Hot Start, Arc Force and Anti-Stick
- Security safeguards: overcurrent thermostatic and under / overvoltage
- Easy to use
- Unrestricted mobility for the welder (5 kg)
- Protected against overvoltage up to 400 V (PROTEC 400)

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	MMA current range	TIG current range	Max. welding current	No-load voltage
230 V, single phase, 50 / 60 Hz	16 A	10-180 A	-	180 A	72.9 V
Duty cycle (40°C ambient temperature)	Dimensions L x l x h	Weight	Protection rating	Standards	
110 A/24.8 V at 60% 180 A/27.2 V at 18%	85 A/23.4 V at 100%	28.5 x 13 x 23 cm	5 kg	IP21	IEC 60974-1/10 A

Ordering information

PROGYS 180 with accessories Electrode holder (200 A/2 m/16 mm ²) and earth cable (200 A/1.6 m/16 mm ²) and carry case	031425
PROGYS 180 Pack Electrode holder (200 A/2 m/16 mm ²), earth cable (200 A/1.6 m/16 mm ²), G IRON TRUE COLOR 9/13 LCD Venus welding mask, rutile electrodes (Ø 2.5 mm x11) and rutile electrodes (Ø 3.2 mm x9)	013742

PROGYS 183 E



Equipped with the latest in electronic technology, the PROGYS 183E guarantees professional-standard welding on steel, cast iron and stainless steel. Its Pulsed MMA mode means that all electrode types can be reliably welded in a vertical-up direction.

- **MMA welding:** weld with rutile, basic, stainless steel and cast iron electrodes (up to Ø 4 mm)
- **PULSED MMA welding:** ideal for vertical-up welding because the frequency can be adjusted
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm) with automatic arc fade and an adjustable timing feature
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force and Anti-Stick
- Seven-segment display screen for quickly identifying the set parameters
- Ultra compact (5 kg)
- Protected against overvoltage up to 400 V (PROTEC 400)

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	MMA current range	TIG current range	Max. welding current	No-load voltage
230 V, 1 ph, 50/60 Hz	16 A	10-180 A	10-180 A	180 A	72.9 V
Duty cycle (40°C ambient temperature)	Dimensions L x l x h	Weight	Protection rating	Standards	
MMA 180 A/27.2 V at 18% 110 A/24.4 V at 60% 85 A/23.4 V at 100%	TIG 180 A/17.2 V at 25% 135 A/15.4 V at 60% 100 A/14 V at 100%	14 x 19 x 28 cm	5 kg	IP21	IEC 60974-1/10 A

Ordering information

PROGYS 183 E with accessories Electrode holder (200 A/2 m) and earth cable (200 A/1.6 m/16 mm ²) with carry case	013803
Pack PROGYS 183 E Electrode holder (200 A/2 m) and earth cable (200 A/1.6 m/16 mm ²) with TRUE COLOR 9/13 Techno LCD welding mask	064836



PROGYS 200A PFC



The PROGYS 200A PFC offers welders the greatest flexibility. Fitted with integrated PFC (power factor correction) technology, it means the appliance can be used with power cables up to 100 m long. It boasts three features to facilitate the user's work: Hot Start, Arc Force and Anti-Stick support the operator from the beginning to the end of the welding process.

- **MMA welding:** weld with rutile, basic, stainless steel and cast iron electrodes (up to Ø 5 mm)
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm) with automatic arc fade and an adjustable timing feature
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force and Anti-Stick
- Seven-segment display screen for quickly identifying the set parameters
- Ideal for use with extension cables
- Protected against overvoltage up to 400 V (PROTEC 400)



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	MMA current range	TIG current range	Max. welding current	No-load voltage
230 V, 1 ph, 50/60 Hz	16 A	10-200 A	10-200 A	200 A	96 V (MMA) / 87 V (TIG)
Duty cycle (40°C ambient temperature)		Dimensions L x l x h	Weight	Protection rating	Standards
MMA 200 A/28 V at 20% 120 A/24.8 V at 60% 90 A/23.6 V at 100%	TIG 200 A/18 V at 27% 145 A/15.8 V at 60% 115 A/14.7 V at 100%	27 x 21 x 14 cm	9 kg	IP21	IEC 60974-1/10 A

Ordering information

PROGYS 200A PFC with accessories
Electrode holder (200 A/2 m) and earth cable (200 A/1.6 m/25 mm²) and carry case 031432

PROGYS 200E FV CEL



The PROGYS 200E FV CEL guarantees a consistently stable electric arc. Fitted with integrated PFC (power factor correction) technology, it means the appliance can be used with power cables up to 100 m long. Its cutting-edge FV (flexible voltage) technology ensures that the arc is always stable, even with mains voltage variations (85 - 265 V) or when supplied by a power unit. Its ignition dynamics allow it to very reliably weld all types of electrodes, even cellulosic ones, in a vertical-up and vertical-down position.

- **MMA welding:** weld with all rutile, basic, stainless steel, cast iron and cellulosic electrodes (up to Ø 6 mm)
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm) with automatic arc fade and an adjustable timing feature
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- Seven-segment display screen for quickly identifying the set parameters
- Ideal for use with extension cables
- Protected against overvoltage up to 400 V (PROTEC 400)



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	MMA current range	TIG current range	Max. welding current	No-load voltage
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (110 V)	10-200 A (230 V) 10-120 A (110 V)	5-200 A (230 V) 5-140 A (110 V)	200 A	108 V
Duty cycle (40°C ambient temperature)				Protection rating	Standards
MMA (230 V / 16 A) 200 A/28 V at 25% 135 A/25.4 V at 60% 115 A/24.6 V at 100%	MMA (110 V / 32 A) 120 A/24.8 V at 35% 100 A/24 V at 60% 90 A/23.6 V at 100%	TIG (230 V / 16 A) 200 A/18 V at 35% 165 A/16.6 V at 60% 135 A/15.4 V at 100%	TIG (110 V / 32 A) 140 A/15.6 V at 40% 120 A/14.8 V at 60% 110 A/14.4 V at 100%	IP21	IEC 60974-1/10 A
Dimensions L x l x h				Weight	
44 x 37 x 27 cm				9 kg	

Ordering information

PROGYS 200E FV CEL with accessories
Electrode holder (200 A/3 m) and earth cable (200 A/3 m/25 mm²) and carry case 030862

PROGYS 200E FV CEL without accessories 031852

PROGYS 220E FV CEL



The PROGYS 220E FV CEL combines the latest welding technology with an intuitive user-interface. Fitted with integrated PFC (power factor correction) technology, it means the appliance can be used with power cables up to 100 m long. Its cutting-edge FV (flexible voltage) technology ensures that the arc is always stable, even with mains voltage variations (85 - 265 V) or when supplied by a power unit. Its ignition dynamics allow it to very reliably weld all types of electrodes, even cellulosic ones, in a vertical-up and vertical-down position.

- **MMA welding:** weld with all rutile, basic, stainless steel, cast iron and cellulosic electrodes (up to Ø 6 mm)
- **PULSED MMA welding:** ideal for vertical-up welding because the frequency can be adjusted
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm)
- **Pulsed TIG welding:** limits the melting temperature and allows sheet metal to be welded from just 0.3 mm
- The current/voltage is displayed during the welding process
- The VRD (voltage reduction device) can be switched on to reduce the no-load output voltage to 35 V
- Optional remote control.



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Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	Max. welding current	
110/230 V 1 ph, 50/60 Hz	16 A - 32 A (230 V) 32 A (110 V)	220 A	
MMA current range	TIG current range	No-load voltage	
5-220 A (230 V) 5-120 A (110 V)	5-220 A (230 V) 5-140 A (110 V)	77.5 V (< 24 V VRD On)	
Duty cycle (40°C ambient temperature)			
MMA (230 V / 16 A) 220 A/28.8 V at 22% 145 A/25.8 V at 60% 120 A/24.8 V at 100%	MMA (230 V / 32 A) 220 A/28.8 V at 25% 175 A/27 V at 60% 145 A/25.8 V at 100%	MMA (110 V / 32 A) 120 A/24.8 V at 23% 85 A/23.4 V at 60% 70 A/22.8 V at 100%	
TIG (230 V / 16 A) 220 A/18.8 V at 45% 200 A/18 V at 60% 160 A/16.4 V at 100%	TIG (230 V / 32 A) 220 A/18.8 V at 50% 215 A/18.6 V at 60% 200 A/18 V at 100%	TIG (110 V / 32 A) 140 A/15.6 V at 40% 120 A/14.8 V at 60% 100 A/14 V at 100%	
Dimensions L x l x h	40.5 x 34 x 21.5 cm	Weight	12 kg
Protection rating	IP23	Standards	IEC 60974-1/10 A

Potentiometer for easy setting configurations



Lockable keypad

Store up to 10 welding programs per process



PROGYS FLEX 280 CEL



The PROGYS FLEX 280 CEL is a global solution to the world's various power networks. It automatically adjusts itself to the network regardless of whether the power supply is single- or three-phase between 110 and 480 V. It provides a practical solution for professionals who can now carry out all electrode and Arc-Lift TIG welding maintenance operations with a single machine.

- **MMA welding:** weld with all rutile, basic, stainless steel, cast iron and cellulosic electrodes (up to Ø 6 mm)
- **PULSED MMA welding:** ideal for vertical-up welding because the frequency can be adjusted.
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm) with automatic arc fade and an adjustable timing feature
- Optional remote control
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- Seven-segment display screen for quickly identifying the set parameters
- Ideal for use with extension cables
- IP23 classification for wet environments.

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Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	MMA current range	TIG current range	Max. welding current	No-load voltage
110/230/400 V 1 ph, 50/60 Hz 3 ph, 50/60 Hz	16 A (110/230/400 V) 20 A (110/230 V) 32 A (110 V)	5-140 A (110 V) 5-200 A (230 V) 5-280 A (400 V)	5-140 A (110 V) 5-200 A (230 V) 5-280 A (400 V)	280 A	100 V
Duty cycle (40°C ambient temperature)					
110 V / 1 ph MMA (32 A) 140 A/25.6 V at 30% 115 A/24.5 V at 60% 90 A/23.6 V at 100%	110 V / 3 ph MMA (32 A) 140 A/25.6 V at 35% 125 A/25 V at 60% 100 A/24 V at 100%	230 V / 1 ph MMA (20 A) 200 A/28 V at 40% 180 A/27.2 V at 60% 150 A/26 V at 100%	230 V / 3 ph MMA (20 A) 200 A/28 V at 55% 190 A/27.6 V at 60% 170 A/26.8 V at 100%	400 V / 1 ph MMA (16 A) 280 A/31.2 V at 40% 220 A/28.8 V at 60% 200 A/28 V at 100%	400 V / 3 ph MMA (16 A) 280 A/31.2 V at 35% 200 A/28 V at 60% 170 A/26.8 V at 100%
TIG (20 A) 140 A/15.6 V at 60% 110 A/14.4 V at 100%	TIG (16 A) 140 A/15.6 V at 60% 140 A/15.6 V at 100%	TIG (20 A) 200 A/18 V at 60% 180 A/17.2 V at 100%	TIG (16 A) 200 A/18 V at 60% 200 A/18 V at 100%	TIG (16 A) 280 A/21.2 V at 65% 250 A/20 V at 60% 220 A/18.8 V at 100%	TIG (16 A) 280 A/21.2 V at 45% 225 A/19 V at 60% 180 A/17.2 V at 100%
Protection rating	IP23	Dimensions L x l x h	47 x 43 x 26 cm	Weight	23 kg
				Standards	IEC 60974-1/10 A

Ordering information

PROGYS FLEX 280 CEL without accessories

013544



GYSARC 220 FV CEL



The GYSARC 220 FV CEL combines the latest welding technology with an intuitive user interface. Fitted with integrated PFC (power factor correction) technology, it means the appliance can be used with power cables up to 100 m long. Its cutting-edge FV (flexible voltage) technology ensures that the arc is always stable, even with mains voltage variations (85 - 265 V) or when supplied by a power unit. Its ignition dynamics allow it to very reliably weld all types of electrode up to Ø 6 mm, even cellulosic ones, in a vertical-up or vertical-down position.

- **MMA welding:** welds all rutile, basic, stainless steel, cast iron and cellulosic electrodes (up to Ø 6 mm)
- **PULSED MMA welding:** ideal for vertical-up welding. The frequency can be adjusted
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm)
- **PULSED Arc-Lift TIG welding:** limits the melting temperature and allows sheet metal to be welded from just 0.3 mm
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- The current/voltage is displayed during the welding process
- A VRD (voltage reduction device) can be enabled to reduce the no-load output voltage to 20 V



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	Max. welding current	
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (110 V)	220 A	
MMA current range	TIG current range	No-load voltage	
10-220 A (230 V) 10-120 A (110 V)	5-220 A (230 V) 5-140 A (110 V)	80>86 V (< 20 V VRD On)	
Duty cycle (40°C ambient temperature)			
MMA (230 V / 16 A) 220 A/28.8 V at 20% 130 A/25.2 V at 60% 100 A/24 V at 100%	MMA (110 V / 32 A) 120 A/24.8 V at 30% 90 A/23.6 V at 60% 70 A/22.8 V at 100%		
TIG (230 V / 16 A) 220 A/18.8 V at 25% 150 A/16 V at 60% 110 A/14.4 V at 100%	TIG (110 V / 32 A) 140 A/15.6 V at 40% 120 A/14.8 V at 60% 100 A/14 V at 100%		
Dimensions L x l x h	42 x 21 x 35 cm	Weight	10.5 kg
Protection rating	IP23	Standards	IEC 60974-1/10 A



Ordering information

GYSARC 220 FV CEL with accessories	065529
Electrode holder (200 A/3 m) and earth cable (200 A/3 m/25 mm ²)	

GYSARC TRI



Fitted with inverter technology, the GYSARC TRI machines are three-phase, MMA/TIG welding units boasting an exceptional performance. Designed around robust electronics, these workstations offer manufacturers maximum productivity, even in the most challenging environments.

- **MMA welding:** weld with rutile, basic and cellulosic electrodes (up to Ø 6 mm)
- **Arc gouging** with a carbon electrode (up to Ø 6.5 mm)
- **DC TIG** welding with Arc-Lift ignition (Ø 1.6 - 3.2 mm) Automatic, fixed-time arc fade
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- Current/voltage displayed during the welding process
- A VRD (voltage reduction device) can be enabled to reduce the no-load output voltage to 20 V



Two-year warranty



Product sheet



Additional features

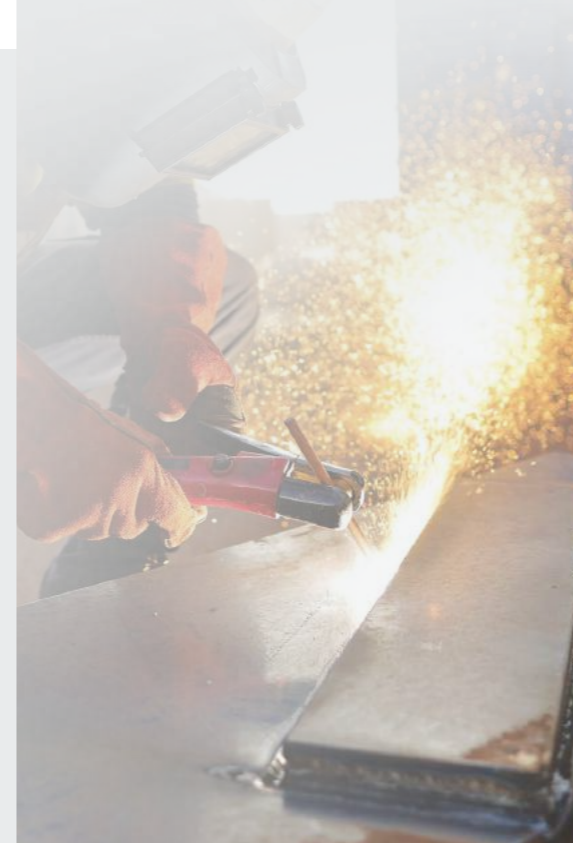
- Optional remote control (manual)
- IP 23 class for outdoor use
- Possibility of slinging

Specifications

		GYSARC 300 TRI	GYSARC 400 TRI
Power Supply		400 V, 3 ph, 50/60 Hz	
Fuse		20 A	32 A
Current range	MMA	20-300 A	20-400 A
	TIG		
Duty Cycle (40°C ambient temperature)	MMA	at 60%	300 A / 32 V
		at 100%	230 A / 29.2 V
	TIG	at 60%	300 A / 22 V
		at 100%	230 A / 19.2 V
No-load voltage		83 V (< 20 V VRD On)	84 V (< 20 V VRD On)
Protection rating		IP 23	IP 23
Dimensions L x l x h		54 x 46 x 28 cm	58 x 52 x 30 cm
Weight		25.5 kg	37.5 kg
Standards		IEC 60974-1/10 A	IEC 60974-1/10 A

Ordering information

GYSARC 300 TRI without accessories	064959
GYSARC 400 TRI without accessories	013551



PROGYS FLEX 280 CEL Packs

TIG		PROGYS FLEX 280 CEL 013544	HF welding unit EXATIG 013780	TIG trigger torch (SR26 L/8 m) 046184	TIG GRIP torch (SR18L DB/8 m) 046177	Earth cable (400 A/4 m/50 mm²) 047853	Power cable (5 m/95 mm²) 032439	JOBSITE XL trolley 039568
1	062573	■	■	■		■	■	
2	062580	■	■	■		■	■	■
3	062955	■	■		■	■	■	

MAG		PROGYS FLEX 280 CEL 013544	Wire-feed reel NOMADFEED 036291	MIG/MAG torch (350 A/steel/4 m) 040946	TYPE C, Ø 1/1.2 (original equipment)	Earth cable (400 A/4 m/50 mm²) 047853	Power cable (5 m/95 mm²) 032439	JOBSITE XL trolley 039568
1	062559	■	■	■	■	■	■	
2	062566	■	■	■	■	■	■	■

	MMA welding current (A)	Mains voltage	Welds with electrodes up to Ø	Welding mode					Gouging	Cellulosic	Aluminium	IP23	Weight	VRD
				MMA Pulse	TIG Lift	TIG HF	MIG MAG							
PROGYS 180A 031425	180	230 V	4 mm			■							5 kg	
PROGYS 183 E 013803	180	230 V	4 mm	■	■	■							5 kg	
PROGYS 200A PFC 031432	200	230 V	5 mm		■	■							9 kg	
PROGYS 200E FV CEL 031852	200 230 V 120 110 V	230 V 110 V	5 mm		■	■			■	■			9 kg	
PROGYS 220E FV CEL 014657	220	230 V 110 V	5 mm	■	■	■			■	■	■		12 kg	■
PROGYS FLEX 280 CEL 013544	280 400 V 200 230 V 140 110 V	400 V 230 V 110 V	5 mm	■	■	■			■	■	■		23 kg	
GYSARC 220 FV CEL 065529	220 230 V 120 110 V	230 V 110 V	5 mm	■	■	■			■	■	■		10.5 kg	■
GYSARC 300 TRI 064959	300	400 V	6 mm		■	■		■	■	■	■		25.5 kg	■
GYSARC 400 TRI 013551	400	400 V	6 mm		■	■		■	■	■	■		37.5 kg	■

* EXATIG, high-frequency welding machine required (PN. 013780)

| Duty cycle at 60% (40°C)



TIG



PROTIG
p.24



TITAN
p.30



EXATIG
p.34



PROTIG AC/DC
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TIG AC/DC
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TITANIUM
AC/DC
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PROTIG 161 DC



Ultra-compact et destiné aux artisans pour le soudage TIG et MMA, le PROTIG 161 DC assure des soudures de haute qualité sur les aciers doux et inoxydables grâce à sa régulation secondaire de pointe. Son interface intuitive permet d'agir sur les paramètres en toute simplicité.

- DC TIG welding current from 10 - 160 A
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Pulsed mode: allows parts to be assembled while limiting the heat input (pulses up to 100 Hz)
- SPOT welding
- Can store up to 10 programs per process
- Compatible with both trigger and double-button torches
- Overvoltage protected up to 400 V (PROTEC 400)
- MMA welding current from 10 - 160 AA
- Welding cycle settings:

- Pre-Gas
- UpSlope
- Welding current
- Cold current
- Pulse frequency
- Downslope
- Post-Gas



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	TIG current range	MMA current range	Max. welding current	No-load voltage
230 V, 1 ph, 50/60 Hz	16 A	10-160 A	10-160 A	160 A	92 V
Duty cycle (40°C ambient temperature)		Dimensions L x l x h	Weight	Protection rating	Standards
TIG 160 A/16.4 V at 20% 105 A/14.2 V at 60% 95 A/13.8 V at 100%	MMA 160 A/26.4 V at 15% 95 A/23.8 V at 60% 80 A/23.2 V at 100%	36 x 16 x 28 cm	7.5 kg	IP21	IEC 60974-1/3/10 A

Ordering information

PROTIG 161 DC with accessories Double-button TIG torch TIG17DB (4 m), consumables box, electrode holder (200 A/2 m) and earth cable (200 A/2 m/25 mm ²)	062054
PROTIG 161 DC without accessories	066649

PROTIG 200 DC



The PROTIG 200 DC is the ideal DC TIG welding solution for general construction, installation, repair and maintenance work. Its light weight and compact size is a real advantage for mobile professionals.

- DC TIG welding current from 5 - 200 A
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Pulsed mode: allows parts to be assembled while limiting the heat input (pulses up to 900 Hz)
- SPOT welding
- Can store up to 10 programs per process
- Compatible with both trigger and double-button torches
- Overvoltage protected up to 400 V (PROTEC 400)
- MMA welding current from 10 - 160 AA
- Welding cycle settings:

- Pre-Gas
- UpSlope
- Welding current
- Cold current
- Pulse frequency
- Downslope
- Post-Gas



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	TIG current range	MMA current range	Max. welding current	No-load voltage
230 V, 1 ph, 50/60 Hz	16 A	5-200 A	10-160 A	200 A	65 V
Duty cycle (40°C ambient temperature)		Dimensions L x l x h	Weight	Protection rating	Standards
TIG 200 A/18 V at 20% 115 A/14.6 V at 60% 90 A/13.6 V at 100%	MMA 160 A/26.4 V at 20% 90 A/23.6 V at 60% 70 A/22.8 V at 100%	43.5 x 21.5 x 32.5 cm	10 kg	IP21	IEC 60974-1/3/10 A

Ordering information

PROTIG 200 DC with accessories Double-button TIG torch TIG26DB (4 m), consumables box, electrode holder (200 A/2 m) and earth cable (200 A/2 m/25 mm ²)	062009
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PROTIG 201 DC FV



The PROTIG 201 DC FV is a versatile, dual-process unit for TIG and MMA welding characterised by its compact and portable design. Its PFC technology offers many benefits, including excellent energy efficiency and the ability to operate reliably with very long power cables of over 100 metres.

- DC TIG welding current from 10 - 200 A
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Pulsed mode: allows parts to be assembled while limiting the heat input (pulses up to 2 kHz)
- SPOT welding
- Single-phase, Flexible Voltage (FV) power supply from 85 - 265 V with integrated PFC technology for improved mains operation
- Optional remote control (foot switch or manual control)
- Stores up to 50 programs in TIG mode
- The VRD (voltage reduction device) can be switched on to reduce the no-load output voltage to 30 V
- Overvoltage protected up to 400 V (PROTEC 400)
- MMA welding current between 10 - 200 A

Welding cycle settings:

- Pre-Gas
- UpSlope
- Welding current
- Cold current
- Pulse frequency
- Downslope
- Post-Gas



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	TIG current range	MMA current range	Max. welding current	No-load voltage
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (110 V)	10-200 A (230 V) 10-180 A (110 V)	10-200 A (230 V) 10-140 A (110 V)	200 A	70 V (< 30 V VRD On)
Duty cycle (40°C ambient temperature)		Protection rating		Standards	
TIG (230 V / 16 A) 200 A/18 V at 35% 165 A/16.6 V at 60% 140 A/15.6 V at 100%	TIG (110 V / 32 A) 180 A/17.2 V at 25% 125 A/15 V at 60% 110 A/14.4 V at 100%	MMA (230 V / 16 A) 200 A/28 V at 25% 135 A/25.4 V at 60% 120 A/24.8 V at 100%	MMA (110 V / 32 A) 140 A/25.6 V at 20% 100 A/24 V at 60% 90 A/23.6 V at 100%	IP21	IEC 60974-1/3/10 A
Dimensions L x l x h		Weight			
41 x 20 x 28 cm		10 kg			

Ordering information

PROTIG 201 DC FV with accessories Double-button TIG torch SR26DB (4 m), consumables box, electrode holder (200 A/2 m) and earth cable (200 A/2 m/25 mm ²)	065765
PROTIG 201 DC FV without accessories	065772

PROTIG 221 DC FV



The PROTIG 221 DC FV is a versatile, dual-process unit for TIG and MMA welding characterised by its compact and portable design. Its PFC technology offers many benefits, including excellent energy efficiency and the ability to operate reliably with very long power cables of over 100 metres.

- DC TIG welding current from 5 - 220 A
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Pulsed mode: allows parts to be assembled while limiting the heat input (pulses up to 2 kHz)
- SPOT welding
- Single-phase, Flexible Voltage (FV) power supply from 85 - 265 V with integrated PFC technology for improved mains operation
- Optional remote control (foot switch or manual control)
- Can store up to 10 programs per process
- Compatible with both trigger and double-button torches as well as potentiometers
- Protected against overvoltage up to 400 V (PROTEC 400).
- MMA welding current between 10 - 200 A

Welding cycle settings:

- Pre-Gas
- UpSlope
- Welding current
- Cold current
- Pulse frequency
- Downslope
- Post-Gas



Optional cooling unit
500 W - 0.5 L ref. 039490
1000 W - 3.5 L ref. 039773

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	TIG current range	MMA current range	Max. welding current	No-load voltage
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (110 V)	5-220 A (230 V) 5-180 A (110 V)	10-200 A (230 V) 10-140 A (110 V)	220 A	76 V
Duty cycle (40°C ambient temperature)		Protection rating		Standards	
TIG (230 V / 16 A) 220 A/18.8 V at 35% 165 A/16.6 V at 60% 150 A/16.0 V at 100%	TIG (110 V / 32 A) 180 A/17.2 V at 25% 125 A/15.0 V at 60% 110 A/14.4 V at 100%	MMA (230 V / 16 A) 200 A/28 V at 25% 135 A/25.4 V at 60% 120 A/24.8 V at 100%	MMA (110 V / 32 A) 140 A/25.6 V at 19% 110 A/24.4 V at 60% 90 A/23.6 V at 100%	IP21	IEC 60974-1/3/10 A
Dimensions L x l x h		Weight			
42.5 x 23 x 29.5 cm		11 kg			

Ordering information

PROTIG 221 DC FV without accessories	070905
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TIG 300 DC



The TIG 300 DC is a standard, dual-process model that allows you to weld under excellent conditions using both DC TIG and MMA welding processes. Its exceptional control of low current ignition striking results in a clean TIG weld for precision applications.

- DC TIG welding current from 5 - 300 A
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Pulsed mode: allows parts to be assembled while limiting the heat input (pulses up to 2 kHz)
- SPOT welding
- Optional remote control (foot switch or manual control)
- Can store up to 10 programs per process
- Compatible with both trigger and double-button torches as well as potentiometers
- Connect 5 mode can be used to operate the machine from a console or a PLC
- IP23 classification for wet environments
- MMA welding current from 10 - 250 A
- Welding cycle settings:

- Pre-Gas
- UpSlope
- Welding current
- Cold current
- Pulse frequency
- Downslope
- Post-Gas



Cooling unit
(optional)
PN. 032217

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	TIG current range	MMA current range	Max. welding current	No-load voltage
400 V, 3 ph, 50/60 Hz	16 A	5-300 A	10-250 A	300 A	90 V
Duty cycle (40°C ambient temperature)		Dimensions L x l x h	Weight	Protection rating	Standards
TIG 300 A/22 V at 35% 255 A/20.2 V at 60% 240 A/19.6 V at 100%	MMA 250 A/30 V at 30% 220 A/28.8 V at 60% 210 A/28.4 V at 100%	40 x 52 x 25 cm	20 kg	IP23	IEC 60974-1/3/10 A

Ordering information

TIG 300 DC without accessories	012318
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TITAN 231 DC FV



The TITAN 231 DC FV is the ideal tool for professional TIG welders working on stainless steel tubes, pipes or sheets. Its «FV» (Flexible Voltage) technology provides a stable arc in the event of variations in mains voltage (85 to 265 V) and the use of long extension leads on site.

- TIG DC welding current from 3 to 230 A
- Lift, HF or Touch HF ignition
- 2T / 4T / 4T LOG trigger control
- Pulse mode: reduces heat input during the welding process (pulses up to 2 kHz)
- E-Weld mode ensures that the machine maintains consistent welding power regardless of the position of the torch in relation to the workpiece (control of the welding energy).
- Spot and Multi Spot
- Tack and Multi Tack, ultra-precise and oxidation-free to reduce the risk of distortion on the workpiece
- Connect 5 mode to control the power source from a console or PLC
- Calibration mode for welding accessories, to adjust the voltage measurement displayed and fine-tune the energy calculation
- ENERGY mode, display and calculation of energy consumption after welding according to EN1011-1, ISO/ TR 18491 and QW-409.



Cooling unit
(optional)
PN. 070820

MADE IN FRANCE



Two-year warranty



Product sheet



Accès aux paramètres directement depuis les boutons

- Pre-Gas/Post-Gas
- UpSlope
- Welding current
- Downslope
- Hot current
- Pulse frequency
- Cold current balance

Setup: Advanced menu access
(calibration mode, energy, cooling unit, etc.)



Additional features

- Advanced welding cycle settings:
 - Adjustable ignition and finalising current at the start and end of the weld cycle (IStart, tStart, IStop, TStop)
 - Pulse waveforms
 - Tacking time in DC TIG
 - Tacking time in pulse TIG
- Current/voltage display during welding for DMOS
- Compatible with trigger, double button, potentiometer and Up & Down torches
- Rapid connection to cooling unit (no disassembly required)
- Can be connected to a robot via an optional kit
- Optional remote control (foot switch or manual control)
- Storage of 50 programs per process with trigger job recall
- Lockable keypad to prevent operator error
- 3 MMA welding assistance features: Hot Start (adjustable), Arc Force (adjustable) and Anti-sticking
- Reinforced body construction
- IP23 rating

Specifications

Power Supply	Fuse	Max. welding current
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (230 V / 110 V)	230 A
TIG current range	MMA current range	No-load voltage
3-230 A (230 V) 3-140 A (110 V)	5-230 A (230 V) 5-120 A (110 V)	77.5 V
Duty cycle (40°C ambient temperature)		
TIG (230 V - 32 A) 215 A at 60% 200 A at 100%	TIG (230 V - 16 A) 200 A at 60% 160 A at 100%	TIG (110 V - 32 A) 120 A at 60% 100 A at 100%
MMA (230 V - 32 A) 175 A at 60% 145 A at 100%	MMA (230 V - 16 A) 145 A at 60% 120 A at 100%	MMA (110 V - 32 A) 85 A at 60% 70 A at 100%
Dimensions L x l x h	49 x 26 x 40 cm	Weight 16.5 kg
Protection rating	IP23	Standards IEC 60974-1/3/10 A

Ordering information

TITAN 231 DC without accessories

075245

TITAN 400 DC



Ideal for precision welding on high-alloy metals, the TITAN 400 DC welding machine (400 A at 60%) is designed for the most demanding TIG and MMA welding applications. Intuitive and practical, its user interface makes it very easy to change the welding parameters. With its state-of-the-art TACK welding mode, the TITAN 400 DC is the preferred tool for professional welders working with stainless steel tubes, pipes or sheets.

- DC TIG welding current from 3 - 400 A
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Pulsed mode: allows parts to be assembled while limiting the heat input (pulses up to 2 kHz)
- E-TIG mode ensures that the welder respects the welding power regardless of the torch's position in relation to the workpiece (controlling the welding energy)
- SPOT welding (traditional)
- TACK welding, ultra-precise and non-oxidising to reduce the risk of deformation
- Connect 5 mode can be used to operate the machine from a console or a PLC
- Calibration mode for welding consumables, allows the user to adjust the displayed voltage measurement and refine the energy calculations
- ENERGY mode, displays and calculates the energy output after welding according to EN1011-1, ISO/TR 18491 and QW-40



Cooling unit (optional)
PN. 013537

MADE IN FRANCE



Two-year warranty



Product sheet



- Pre-Gas/Post-Gas
- UpSlope
- Welding current
- Downslope
- Hot current
- Pulse frequency
- Cold current balance

Setup: Advanced menu access (calibration mode, energy, cooling unit, etc.)



Additional features

- The welding cycle's advanced settings consist of:
 - bearing current at start and end of welding
 - pulse waveforms
 - tack welding time in DC TIG
 - tack welding time in pulsed TIG
- Welding current/voltage displayed for DMOS
- Compatible with both trigger and double-button torches as well as potentiometers
- Optional remote control (foot switch or manual control)
- Stores up to 50 programs per process with trigger-activated job recall
- Lockable keyboard to prevent operating errors
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- Reinforced bodywork
- Two steel handles for easy moving and lifting
- IP23 classification for wet environments

Specifications

Power Supply	Fuse	Max. welding current
400 V, 3 ph, 50/60 Hz	32 A	400 A
TIG current range	MMA current range	No-load voltage
3-400 A	5-400 A	85 V
Duty cycle (40°C ambient temperature)		
TIG 400 A/26.0 V at 60% 360 A/24.4 V at 100%	MMA 400 A/36.0 V at 60% 360 A/34.4 V at 100%	
Dimensions L x l x h	75 x 30 x 54 cm	Weight 40 kg
Protection rating	IP23	Standards IEC 60974-1/3/10 A

Ordering information

TITAN 400 DC without accessories 013520

Packs TITAN 400 DC TRI

	ABITIG torch 450 W (8 m)	Earth cable 600 A 4 m / 70 mm ²	Cooling unit WCU 1KW C	Trolley (10 m ²) T/M
1 013766	Trigger torch 037359	043831	013537	037328
2 013773	Double-button torch 037366	▪	▪	▪

EXATIG

High-frequency (HF) power source



The EXATIG is a high frequency (HF) generator to allow DC TIG welding from other DC power sources.

- Extremely easy to use and runs directly from the power source without the need for an auxiliary power cable.
- Functions available with a DC generator:**
 - HF ignition
 - Pre-gas and post-gas (fixed, but can be adjusted internally)
 - 2T and 4T trigger selection
 - Gas flow rate adjustment (5>25 l/min).
- Flow meter is built-in to allow the user to modify the gas flow (argon) directly.



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	TIG current range	
20-100 V	10-400 A	
Max. welding current	HF ignition voltage	
400 A	9 kV	
Duty cycle (40°C ambient temperature)	Dimensions L x l x h	Weight
270 A at 60% 220 A at 100%	34 x 26 x 16 cm	6.5 kg

Ordering information

EXATIG without accessories	013780
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ORBITIG 200A

Orbital welding solutions



Designed for automated welding applications, the ORBITIG 200A is a CAN-bus controlled power source. This compact machine can be easily connected to a PLC, particularly for orbital welding applications.

- CAN-open communication protocol
- TRACKING mode: the power source receives and applies the current set points in real time
- HEIGHT CALIBRATION mode: vertically repositioning the electrode at a given height after contact is detected
- HF or Arc-Lift ignition
- Instant information exchange:
 - welding status (Arc ON / Arc OFF)
 - measured voltage and current
 - featuring overvoltage and undervoltage protection as well as short-circuit and Arc extinction detection during the welding process
 - thermal protection in case of overheating
- Single-phase, Flexible-Voltage (FV) power supply from 85 - 265 V with integrated PFC technology for better mains operation.



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	TIG current range	Max. welding current	No-load voltage
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (110 V)	5-220 A (230 V) 5-180 A (110 V)	220 A	76 V
Duty cycle (40°C ambient temperature)		Dimensions L x l x h	Weight	Standards
230 V / 16 A : 220 A at 35% 165 A at 60% 140 A at 100%	110 V / 32 A : 180 A at 40% 125 A at 60% 110 A at 100%	39 x 16 x 28 cm	9 kg	IEC 60974-1/3/10 A

Ordering information

ORBITIG 200A without accessories	012448
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PROTIG 200 AC/DC



The PROTIG 200 AC/DC is a single-phase, TIG welding machine equipped with an advanced control panel offering all the functions required for AC/DC TIG welding. Its AC Easy mode promises high-quality results, even without regular aluminium welding practice.



- Welding current 10 - 200 A (AC TIG), 10 - 160 A (DC TIG)
- **Pulsed DC and AC Mode:** allows parts to be assembled while limiting the heat input
- **Easy AC Mode:** makes the machine easier to use thanks to pre-installed welding settings
- Precise penetration control by adjusting the AC frequency (pulses up to 200 Hz)
- SPOT welding
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Can store up to 30 programs per process
- Compatible with both trigger and double-button torches
- The VRD (voltage reduction device) can be switched on to reduce the no-load output voltage to 30 V
- Pulsed MMA and MMA process up to 160 A



Two-year warranty



Product sheet



Specifications

Power Supply	Fuse	Max. welding current	
230 V 1 ph, 50/60 Hz	16 A	200 A (AC) 160 A (DC)	
Current range TIG AC	Current range TIG DC	MMA current range	
10-200 A	10-160 A	10-160 A	
Duty cycle (40°C ambient temperature)			
TIG AC 200 A/18 V at 20% 115 A/16.4 V at 60% 90 A/13.6 V at 100%	TIG DC 160 A/16.4 V at 20% 90 A/13.6 V at 60% 70 A/12.8 V at 100%	MMA 160 A/26.4 V at 20% 90 A/23.6 V at 60% 70 A/22.8 V at 100%	
Dimensions L x l x h	24 x 43 x 35 cm	Weight	12.5 kg
Protection rating	IP21	No-load voltage	64 V (< 30 V VRD On)
Standards	IEC 60974-1/3/10 A		

Ordering information

PROTIG 200 AC/DC with accessories
Double-button TIG torch TIG26DB (4 m), consumables box,
electrode holder (200 A/2 m) and earth cable (200 A/2 m/25 mm²)

068742



- Pre-Gas
- Upslope
- Downslope
- Cold current (DC TIG)
- Pulse frequency (DC TIG)
- Welding current frequency (AC TIG)
- Balance adjustment (AC TIG)
- Post-Gas

PROTIG 201 AC/DC PROTIG 201L AC/DC



The PROTIG 201 AC/DC is a single-phase, TIG welding machine equipped with an advanced control panel offering all the functions required for AC/DC TIG welding. Its AC Easy mode promises high-quality results, even without daily aluminium welding practice. The 201L model features a cooling unit that prevents the liquid-cooled torches from overheating during intensive welding operations.

- Welding current 10 - 200 A (AC TIG), 10 - 160 A (DC TIG)
- Pulsed DC and AC Mode:** allows parts to be assembled while limiting the heat input
- Easy AC Mode:** makes the machine easier to use thanks to pre-installed welding settings
- Precise penetration control by adjusting the AC frequency (pulses up to 200 Hz)
- SPOT welding
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Optional remote control (foot switch or manual control)
- Can store up to 50 programs per process
- Compatible with both trigger and double-button torches as well as potentiometers
- The VRD (voltage reduction device) can be switched on to reduce the no-load output voltage to 30 V
- Pulsed MMA and MMA process up to 160 A



Built-in cooling unit

MADE IN FRANCE



Two-year warranty



Product sheet



- Pre-Gas
- Upslope
- Downslope
- Cold current (DC TIG)
- Pulse frequency (DC TIG)
- Welding current frequency (AC TIG)
Balance adjustment (AC TIG)
- Post-Gas



Specifications

	201 AC/DC FV		201L AC/DC		
	230 V single phase, 50/60 Hz	110 V single phase, 50/60 Hz	230 V single phase, 50/60 Hz		
Power Supply	230 V single phase, 50/60 Hz	110 V single phase, 50/60 Hz	230 V single phase, 50/60 Hz		
Fuse	13 A	20 A	13 A		
Max. welding current	200 A (AC) 160 A (DC)	160 A	200 A (AC) 160 A (DC)		
Current range	TIG AC	10-200 A	10-200 A		
	TIG DC	10-160 A	10-160 A		
	MMA	10-160 A	10-160 A		
Duty Cycle (40°C ambient temperature)	TIG AC	Imax	200 A at 13%	160 A at 20%	200 A at 13%
		at 60%	90 A / 13.6 V	105 A / 14.2 V	90 A / 13.6 V
		at 100%	80 A / 13.2 V	90 A / 14.4 V	80 A / 13.2 V
	TIG DC	Imax	160 A at 25%	160 A at 25%	160 A at 25%
		at 60%	100 A / 14 V	120 A / 14.8 V	100 A / 14 V
		at 100%	95 A / 13.8 V	100 A / 14 V	95 A / 13.8 V
MMA	Imax	160 A at 25%	110 A at 32%	160 A at 25%	
	at 60%	100 A / 24 V	90 A / 23.6 V	100 A / 24 V	
at 100%	95 A / 23.8 V	85 A / 23.4 V	95 A / 23.8 V		
No-load voltage	70 V (< 30 V VRD On)		70 V (< 30 V VRD On)		
Protection rating	IP 21		IP 21		
Dimensions L x l x h	24 x 41 x 36 cm		24 x 43 x 50 cm		
Weight	15 kg		20.5 kg		
Standards	IEC 60974-1/3/10 A		IEC 60974-1/2/3/10 A		
Cooling power	-		400 W		
Max. pressure	-		0.6 MPa (87 Psi)		
Tank capacity	-		1.25 L (0.27 gal US)		

Ordering information

PROTIG 201 AC/DC FV with accessories Double-button TIG torch SR26DB (4 m), consumables box, electrode holder (200 A/2 m) and earth cable (200 A/2 m/25 mm ²)	063945
PROTIG 201 AC/DC FV without accessories	061828

Ordering information

PROTIG 201L AC/DC with accessories Double-button TIG torch SR20DB (4 m), consumables box, electrode holder (200 A/2 m) and earth cable (200 A/2 m/25 mm ²)	063952
PROTIG 201L AC/DC without accessories	062610

TIG 250 AC/DC FV



The TIG 250 AC/DC FV has a duty cycle of 250 A at 60% and 200 A at 100% (in AC and DC), allowing it to be used continuously for intensive work. The electronics are not ventilated and are cooled by an innovative water-plate system, this offers a double advantage as it achieves a high duty cycle whilst also protecting the electronic components from the harsh conditions of an industrial working environment.

- Welding current 10 - 250 A (AC TIG), 5 - 250 A (DC TIG)
- Pulsed DC mode: allows parts to be assembled while limiting the heat input (pulses up to 2.5 kHz)
- Pulsed AC mode: precise penetration control by adjusting the AC frequency (pulses up to 2 Hz)
- SPOT welding
- SYNERGY mode (automatically calculates the optimal welding settings)
- CONNECT 5 mode allows the user to operate the welding equipment from a console or a PLC
- HF or Arc-Lift ignition
- Trigger management (2T/4T/4T LOG)
- Machined aluminium structure prevents deformation and allows the device to be suspended
- 'Fanless' technology



Built-in cooling unit

MADE IN FRANCE



Two-year warranty



Product sheet



Boasting an intuitive, multilingual user-interface with an easy-to-read, 5.7", colour display with two turn dials.

The welder can easily access the different menus and define their own parameter settings:

- Pre-Gas
- Start-up current
- Upslope
- Cold current
- Pulse timings
- Pulse frequency
- Fade-out time
- Holding current
- Post-Gas
- Percentage stripped
- AC frequency
- etc.



Additional features

- Welding current/voltage displayed for DMOS
- Compatible with both trigger and double-button torches as well as potentiometers
- Optional remote control (foot switch or manual control)
- Can store up to 100 programs per process
- Lockable keyboard to prevent operating errors
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- MMA mode up to 250 A
- Quickly browse the parameter settings
- Reinforced bodywork
- IP23 classification for wet environments

Specifications

Power Supply	Fuse	Max. welding current	
400 V 3 ph, 50/60 Hz	16 A	250 A (AC) 250 A (DC)	
Current range TIG AC	Current range TIG DC	MMA current range	
10-250 A	5-250 A	10-250 A	
Duty cycle (40°C ambient temperature)			
TIG AC 250 A/20 V at 60% 200 A/18 V at 100%	TIG DC 250 A/20 V at 60% 200 A/18 V at 100%	MMA 250 A/30 V at 40% 230 A/29.2 V at 60% 200 A/28 V at 100%	
Dimensions L x l x h	48 x 80 x 75 cm	Weight	58 kg
Protection rating	IP23	No-load voltage	85 V
Standards	IEC 60974-1/2/3/10 A		
Cooling power	Max. pressure	Tank capacity	
1420 W	0.2 MPa (29 Psi)	5.5 L (1.45 gal US)	

Ordering information

TIG 250 AC/DC without accessories

012004

TITANIUM 230 AC/DC



The TITANIUM 230 AC/DC FV is a single-phase AC/DC TIG welding power source. Intelligent and connected, it offers extremely precise arc control and industrial welding performance up to 230 A thanks to its integrated power factor corrector.

- Welding current 3 to 230 A (TIG AC), 5 to 230 A (TIG DC)
- Wizard mode (GYS innovation):** tacking and TIG welding of Aluminium, Steel, Stainless Steel and Copper parts with or without filler metal
- Pulsed DC mode: allows parts to be assembled while limiting the heat input (pulses up to 2.5 kHz)
- Fastpulse DC Mode: allows the pulsed mode's arc-constraining properties to be maintained at a sound frequency that is comfortable or even inaudible to the welder (pulses up to 20 kHz)
- Pulsed AC mode: precise penetration control by adjusting the AC frequency (pulses up to 500 Hz)
- AC Mix Mode: alternating AC and DC currents to increase the welding speed when assembling aluminium
- SPOT/Multi-SPOT welding: for traditional spot welding, whereas the Multi-SPOT mode allows the user to set the time between two points.
- TACK/Multi-tack welding: ultra-precise and non-oxidising to reduce the risk of deformation, whereas the Multi-TACK mode allows the user to set the time between two tack welds
- E-TIG mode ensures that the welder respects the welding power regardless of the torch's position in relation to the workpiece (controlling the welding energy)



Cooling unit in option
P.N. 070820

MADE IN FRANCE



Two-year warranty



Product sheet

Ultra-intuitive 5" color interface



Additional features

- SYNERGY mode (automatically calculates the optimal welding settings)
- Precisely measured energy usage
- Fully traceable weld beads complying with standard EN 3834
- Calibration mode for welding accessories (refines the energy calculation)
- Can be connected to a robot using a bridge (in option)
- User mode allows the device to be shared by multiple users
- Backup the user jobs as well as the machine's configuration from a USB key
- Compatible with both trigger and double-button torches as well as potentiometers and Up & Down
- Update the machine and the synergies via a USB key
- Optional remote control (foot switch or manual control)
- Can store up to 500 programs per process
- Features MMA, AC MMA and Pulsed MMA welding modes
- IP23 classification for wet environments

Specifications

Power Supply	Fuse	Max. welding current
110/230 V 1 ph, 50/60 Hz	16 A (230 V) 32 A (110 V)	230 A (230 V) 140 A (110 V)
Current range TIG AC	Current range TIG DC	MMA current range
3-230 A (230 V) 3-140 A (110 V)	5-230 A (230 V) 5-140 A (110 V)	5-230 A (230 V) 5-140 A (110 V)
Duty cycle (40°C ambient temperature)		
TIG AC (230 V) 190 A/17.6 V at 60% 160 A/16.4 V at 100%	TIG DC (230 V) 190 A/17.6 V at 60% 160 A/16.4 V at 100%	MMA (230 V) 160 A/26.4 V at 60% 130 A/25.2 V at 100%
Dimensions L x l x h	49 x 26 x 44 cm	Weight 22 kg
Protection rating	IP23	No-load voltage 55 V
Standards	IEC 60974-1/3/10 A	

Ordering information

TITANIUM 230 AC/DC FV with accessories	
Double button TIG torch SR26DB - 8 m + Consumables box + Ground cable 250 A - 4 m, 25 mm ² + Consumables box + Grounding cable 250 A - 4 m, 25 mm ² .	075924
TITANIUM 230 AC/DC FV without accessories	061996



INNOVATION

«WIZARD ALU has reinvented TIG ALU welding by making it accessible to all users, even novices.»



Read more

TITANIUM 400 AC/DC



Cooling unit
(optional)
PN. 013537

TITANIUM, the new world leader in AC- and DC-TIG welding. It is equipped with the latest electronics and a fully digital management system. Two essential components to guarantee unparalleled welding quality and productivity.

- Welding current 5 to 400 A (AC TIG), 3 to 400 A (DC TIG)
- Wizard mode (GYS innovation):** tacking and TIG welding of Aluminium, Steel, Stainless Steel and Copper parts with or without filler metal
- Pulsed DC mode: allows parts to be assembled while limiting the heat input (pulses up to 2.5 kHz)
- Fastpulse DC Mode: allows the pulsed mode's arc-constraining properties to be maintained at a sound frequency that is comfortable or even inaudible to the welder (pulses up to 20 kHz)
- Pulsed AC mode: precise penetration control by adjusting the AC frequency (pulses up to 500 Hz)
- AC Mix Mode: alternating AC and DC currents to increase the welding speed when assembling aluminium
- SPOT/Multi-SPOT welding: for traditional spot welding, whereas the Multi-SPOT mode allows the user to set the time between two points.
- TACK/Multi-tack welding: ultra-precise and non-oxidising to reduce the risk of deformation, whereas the Multi-TACK mode allows the user to set the time between two tack welds
- E-TIG mode ensures that the welder respects the welding power regardless of the torch's position in relation to the workpiece (controlling the welding energy)
- HF or Arc-Lift ignition

MADE IN FRANCE



Two-year warranty



Product sheet



Additional features

- SYNERGY mode (automatically calculates the optimal welding settings)
- Precisely measured energy usage
- Fully traceable weld beads complying with standard EN 3834
- Calibration mode for welding accessories (refines the energy calculation)
- Can be connected to a robot using a bridge (in option)
- Can be converted into a degausser/demagnetiser
- User mode allows the device to be shared by multiple users
- Backup the user jobs as well as the machine's configuration from a USB key
- Compatible with both trigger and double-button torches as well as potentiometers and Up & Down
- Update the machine and the synergies via a USB key
- Optional remote control (foot switch or manual control)
- Can store up to 500 programs per process
- Features MMA, AC MMA and Pulsed MMA welding modes
- IP23 classification for wet environments

Specifications

Power Supply	Fuse	Max. welding current
400 V 3 ph, 50/60 Hz	32 A	400 A (AC) 400 A (DC)
Current range TIG AC	Current range TIG DC	MMA current range
5-400 A	3-400 A	5-400 A
Duty cycle (40°C ambient temperature)		
TIG AC 400 A/26 V at 60% 360 A/24.4 V at 100%	TIG DC 400 A/26 V at 60% 360 A/24.4 V at 100%	MMA 400 A/36 V at 60% 360 A/34.4 V at 100%
Dimensions L x l x h	68 x 30 x 54 cm	Weight 43 kg
Protection rating	IP23	No-load voltage 85 V
Standards	IEC 60974-1/3/10 A	

Ordering information

TITANIUM 400 AC/DC without accessories

013568



INNOVATION



'ALU WIZARD has reinvented aluminium TIG welding by making it accessible to any user, even total novices'.



Read more

PROTIG 221 DC FV packs

		PROTIG 221 DC FV	TIG trigger torch - 8 m	Double-button GRIP torch - 8 m	Earth cable 250 A 4 m / 25 mm² 043794	Cooling unit WCU 0.5KW A 039490	Trolley 10m³ XL 076341
1	072749	■	SR26L (046184)		■		
2	072763	■		SR26 DB (046177)	■		
3	072770	■	SR20L (046153)		■	■	■
4	072787	■		SR20 DB (046146)	■	■	■

TIG 250 AC/DC packs

		TIG 250 AC/DC	TIG trigger torch (SR18 L/8 m) 045378	TIG GRIP torch (SR18L DB/4 m) 046092	Earth cable 250 A 4 m / 25 mm² 043794	Trolley 040960
1	035430	■	■		■	■
2	012301	■		■	■	■

TIG 300 DC packs

		TIG 300 DC	TIG trigger torch (8 m)	Double-button GRIP torch 8 m	Earth cable 250 A 4 m / 25 mm² 043794	Cooling unit WCU 1KW B 032217	Trolley 10m³ XL 076341
1	012325	■	SR26L (046184)		■		
2	012332	■	SR26L (046184)		■		■
3	012349	■		SR26 DB (046177)	■		
4	012356	■		SR26 DB (046177)	■		■
5	012363	■	SR20L (046153)		■	■	
6	012370	■		SR20 DB (046146)	■	■	■
7	012509	■		SR20 DB (038202)	■	■	■

TITANIUM 230 AC/DC packs

		TITANIUM 230 AC/DC	Trigger torch 8 m	Double-button GRIP torch 8 m	Earth cable 250 A 4 m / 25 mm² 043794	Cooling unit KOOLWELD 1 070820	Trolley 10m³ XL 076341
1	076976	■	SR26L (046184)		■		
2	076983	■	SR26L (046184)		■		■
3	077027	■		SR26DB (046177)	■		■
4	076990	■	SR20L (046153)		■	■	
5	077003	■	SR20L (046153)		■	■	■
6	077034	■		SR20DB (046146)	■	■	
7	077041	■		SR20DB (046146)	■	■	■

PROTIG 201 AC/DC packs

		PROTIG 201 AC/DC FV	PROTIG 201 AC/DC L	TIG trigger torch (SR26 L/8 m) 046184	TIG trigger torch (SR20 L/8 m) 046153	Earth cable 250 A 4 m / 25 mm² 043794	Electrode holder 200 A - 4 m / 25 mm² 043855	Trolley 076341 041257
1	066342	■		■		■	■	■
2	066359		■		■	■		■

TITANIUM 400 AC/DC packs

		TITANIUM 400 AC/DC	Trigger torch (ABITIG/450 W/8 m) 037359	Double-button torch (ABITIG/450 W/8 m) 037366	Earth cable 600 A 4 m / 70 mm² 043831	Cooling unit WCU 1KW C 013537	Trolley 10m³ T/M 037328
1	014763	■	■		■	■	■
2	062047	■		■	■	■	■

	Welding Current (A)								Mains voltage	TIG welding mode					MMA Pulse	PLC/Robot	Cooling unit		IP23	Weight
	50	100	150	200	250	300	400			Pulse	Fast Pulse	Tack	E-TIG	AC Mix			built in	option		
PROTIG 161 DC 066649	160								230 V											7.5 kg
PROTIG 200 DC 062009	200								230 V											10 kg
PROTIG 201 DC FV 065772	200 230 V 180 110 V								110 V 230 V										10 kg	
PROTIG 221 DC FV 070905	220 230 V 180 110 V								110 V 230 V										11 kg	
TIG 300 DC 012318	300								230 V										20 kg	
TITAN 231 DC FV 075245	230 230 V 140 110 V								110 V 230 V										16.5 kg	
TITAN 400 DC 013520	400								400 V										40 kg	
PROTIG 200 AC/DC 068742	200 AC 160 DC								230 V										12.5 kg	
PROTIG 201 AC/DC FV 061828	200 AC 160 DC								110 V 230 V										15 kg	
PROTIG 201L AC/DC 062610	200 AC 160 DC								230 V									20.5 kg		
TIG 250 AC/DC 012004	250 AC 250 DC								400 V										58 kg	
TITANIUM 230 AC/DC FV 061996	230 AC 230 DC								110 V 230 V										22 kg	
TITANIUM 400 AC/DC 013568	400 AC 400 DC								400 V										43 kg	

| Duty cycle at 60% (40°C)



+30%
increase in productivity

Thickness: 0.5 to 5 mm



- 5 types of assembly:
- Butt joint (BW)
 - Clinch (FW)
 - Inside corner (BP)
 - Outside corner
 - Wire to wire for splicing

WIZARD ALU, a patented method, developed for industrial welders

Pointing and welding an aluminum part in TIG without filler metal is a daily challenge faced by welders worldwide.

GYS has developed a unique and patented solution on the market: the WIZARD ALU mode.

This tacking and welding mode has been developed by GYS engineers to simplify aluminum welding and make it accessible to everyone. With or without filler metal, this feature, integrated in the TITANIUM range, ensures a tacking in less than one second. This mode is also available for tacking and welding all types of materials: steel, stainless steel, aluminum and copper.

Wizard ALU
Productivity
Minimizes porosity
Versatility of the welder
No cracking

Wizard INOX
No oxidation
No finishing action
Easy to weld

Wizard ACIER
Soldering quality
Oxidation free cord
Synergistic mode

Wizard CUIVRE
Ideal for splicing of wires (0.5 to 2.2 mm)






Only available on the GYS TITANIUM range.



M I M G A G



Smooth CURRENT

- Inverter**
-  **MULTIPEARL**
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MULTIEPEARL

4-in-1 multi-processing

MADE IN FRANCE



3 models available



Our MULTIEPEARL machines are 4-in-1, multi-processing welding units capable of carrying out MIG/MAG (with or without gas), DC TIG (with arc-lift ignition) and MMA welding with incredible precision. They feature nine pre-installed welding synergies to simplify the setting up and assembling of sheet metal up to 6 mm thick in any position.

- Welding current up to 200 A
- Available as a compact model or on a trolley with a designated storage area
- The welding settings can be easily adjusted in both manual and synergy mode
- Compatible with Ø 0.6 - 1 mm wires depending on the application
- 2T and 4T trigger management
- Suitable for welding steel, stainless steel and aluminium
- Easy polarity switching for using flux-cored wire without gas shielding
- MMA: weld with rutile, basic, stainless steel and cast iron electrodes (up to Ø 5 mm)
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- Single-phase, Flexible-Voltage (FV) power supply from 85 - 265 V with integrated PFC technology for better mains operation

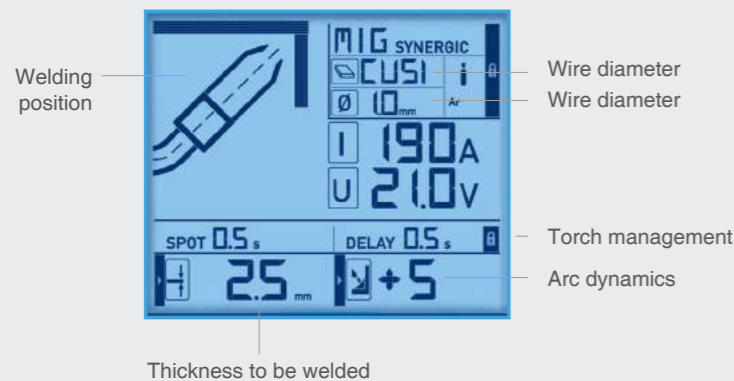


Specifications

		210-2	210-4 XL	211-4	
Power Supply		230 V 1 ph, 50/60 Hz	110 V 1 ph, 50/60 Hz		
Fuse		16 A	32 A		
Current range	MIG/MAG		20-150 A		
	TIG	20-200 A	20-160 A		
	MMA		20-130 A		
Duty Cycle (40°C ambient temperature)	MIG MAG	Imax	200 A at 20%	150 A at 22%	
		at 60%	130 A / 20.5 V	100 A / 19.0 V	
		at 100%	110 A / 19.5 V	90 A / 18.5 V	
	TIG	Imax	200 A at 22%	160 A at 20%	
		at 60%	135 A / 15.4 V	115 A / 14.6 V	
	at 100%	115 A / 14.6 V	100 A / 14.0 V		
MMA	Imax	200 A at 18%	130 A at 22%		
	at 60%	110 A / 24.4 V	90 A / 23.6 V		
	at 100%	90 A / 23.6 V	75 A / 23.0 V		
Wire-feed reel	speed	1 - 15 m/min			
		Two rollers (one motorised)		Four rollers (two motorised)	
Diameter of supported reels (Ø)		100-200 mm	200-300 mm		
Wire diameter	Steel			0.6 - 1 mm	
	Stainless steel			0.8 - 1 mm	
	Aluminium			0.8 - 1 mm	
	Flux-cored wire			0.9 - 1.2 mm	
Protection rating		IP 21			
Dimensions L x l x h		25 x 45 x 35 cm	27.5 x 55 x 44 cm	41 x 73 x 77 cm	
Weight		16 kg	20 kg	27 kg	
Original equipment	rollers	0.6/0.8 - A steel, stainless steel		0.6/0.8 - B steel, stainless steel	

Also applicable to the
MULTIEPEARL 210-2

MIG/MAG SYNERGY Mode:
Automatically calculates the wire-feed
speed and the voltage



MMA mode



TIG mode



Ordering information

MULTIEPEARL 210-2 with accessories TOPARC MIG Torch (250 A, 3 m), electrode holder (2 m) and earth cable (2.5 m)	065093
MULTIEPEARL 210-4XL with accessories TOPARC MIG Torch (250 A, 3 m), electrode holder (2 m) and earth cable (2.5 m)	065109
MULTIEPEARL 211-4 with accessories TOPARC MIG Torch (250 A, 3 m), electrode holder (2 m) and earth cable (2.5 m)	065116



Two-year
warranty



Product sheet

MULTIWELD single-phase

3-in-1 multi-process



The MULTIWELD range, powered by a single-phase power supply, are 2-in-1 multi-process welding machines capable of MIG/MAG (with or without gas) and MMA welding up to 220 A. These 5 appliances are available as compact models or with a trolley. IGBT transistor technology offers excellent arc characteristics as well as being highly reliable.

- Welding current up to 220 A
- Available as a compact model or on a trolley with a designated storage area
- Its digital-display user interface offers clear and precise setting adjustments
- Compatible with wire diameters between Ø 0.6 - 1 mm depending on the application and machine model
- Suitable for welding steel, stainless steel and aluminium
- Easy polarity switching for using flux-cored wire without gas shielding
- Manually adjust the arc dynamics (inductance)
- MMA: weld with rutile, basic, stainless steel and cast iron electrodes (up to Ø 5 mm)
- One MMA welding aid: Anti-Stick (activated as default)
- Pre-installed connection (36 V AC/4.2 A) for gas heaters during pure-CO2 welding
- IP 23 - suitable for outdoor use (depending on the machine model)



5 models available

180 A	180M-C	Compact
200 A	200M-C	Compact
	200M	With wheels
220 A	FV 220M-C	Compact
	FV 220M	With wheels



Welding voltage

Choice of welding process

2T and 4T trigger management (depending on the model)

Arc dynamics

MIG/MAG : Wire-feed speed
MMA: Welding voltage



Specifications

		180M-C	200M-C	200M	FV 220M-C / FV 220M	
Power Supply		230 V 1 ph, 50/60 Hz	230 V 1 ph, 50/60 Hz	230 V 1 ph, 50/60 Hz	230 V 1 ph, 50/60 Hz	110 V 1 ph, 50/60 Hz
Fuse		16 A	16 A	16 A	16 A	32 A
Current range	MIG/MAG	30-180 A	30-200 A	30-220 A	30-220 A	30-140 A
	MMA	20-150 A	30-180 A	30-200 A	30-200 A	30-120 A
Duty Cycle (40°C ambient temperature)	MIG MAG	I _{max}	180 A at 20%	200 A at 15%	220 A at 20%	140 A at 30%
		at 60%	110 A / 19.5 V	115 A / 19.7 V	160 A / 22 V	110 A / 19.5 V
	at 100%	90 A / 18.5 V	90 A / 18.5 V	120 A / 20 V	90 A / 18.5 V	
	MMA	I _{max}	150 A at 20%	180 A at 15%	200 A at 20%	120 A at 30%
at 60%		100 A / 24 V	104 A / 24.2 V	140 A / 25.6 V	100 A / 24 V	
at 100%	80 A / 23.2 V	80 A / 23.2 V	100 A / 24 V	80 A / 23.2 V		
Wire-feed reel	speed	3 - 10 m/min	2 - 13 m/min	2 - 15 m/min	2 - 11 m/min	
	rollers	Four rollers (two motorised)	Four rollers (two motorised)	Four rollers (two motorised)	Four rollers (two motorised)	
Diameter of supported reels (Ø)		200-300 mm	200-300 mm	200-300 mm	200-300 mm	
Wire diameter	Steel	0.6 - 0.8 mm	0.6 - 1 mm	0.6 - 1 mm	0.6 - 1 mm	
	Stainless steel	0.8 mm	0.8 - 1 mm	0.8 - 1 mm	0.8 - 1 mm	
	Aluminium	0.8 - 1 mm	0.8 - 1 mm	0.8 - 1 mm	0.8 - 1 mm	
	Flux-cored wire	0.6 - 0.9 mm	0.9 mm	0.9 mm	0.9 - 1.2 mm	
Welds with electrodes up to Ø		1.6 - 3.2 mm	1.6 - 4 mm	1.6 - 4 mm	1.6 - 5 mm	1.6 - 3.2 mm
Protection rating		IP 21	IP 23	IP 21	IP 23	IP 23
Dimensions L x l x h		55 x 25 x 44 cm	58 x 52 x 32 cm	77 x 79 x 47 cm	FV 220M-C 58 x 52 x 34 cm	FV 220M 77 x 79 x 47 cm
Weight		17 kg	26 kg	34 kg	24 kg	32 kg
Original equipment	rollers	0.8/0.9 - A steel, stainless steel	0.8/1.0 - A steel, stainless steel	0.8/1.0 - A steel, stainless steel	0.8/1.0 - A steel, stainless steel	0.8/1.0 - A steel, stainless steel

Ordering information

MULTIWELD 180M-C with accessories TOPARC MIG Torch 150A - 3 m + electrode holde 2 m + earth cable 2 m	078727
MULTIWELD 200M-C with accessories TOPARC MIG Torch 250A - 3 m + electrode holde 2 m + earth cable 2 m	066588
MULTIWELD 200M with accessories TOPARC MIG Torch 250A - 3 m + electrode holde 2 m + earth cable 2 m	066595
MULTIWELD FV 220M-C with accessories TOPARC MIG Torch 250A - 3 m + electrode holde 2 m + earth cable 2.5 m	065499
MULTIWELD FV 220M with accessories TOPARC MIG Torch 250A - 3 m + electrode holde 2 m + earth cable 2.5 m	065482



Two-year warranty



Product sheet

MULTIWELD three-phase 3-in-1 multi-process



The MULTIWELD range, powered by a three-phase power supply, is very effective for manufacturing parts made of non-alloyed and high-alloyed metals that require high welding performance. These versatile machines enable the use of two welding processes, MIG/MAG (with or without gas) and MMA up to 400 A. IGBT transistor technology offers excellent arc characteristics as well as being highly reliable.

- Welding current up to 400 A
- Available as a compact model or on a trolley with a designated storage area
- It's digital-display user interface offers clear and precise setting adjustments
- Compatible with Ø 0.6 - 1.6 mm wires, depending on the application
- Suitable for welding steel, stainless steel and aluminium
- Easy polarity switching for using flux-cored wire without gas shielding
- Post-gas setting: 0, 0.5 or 1 second (only for 400T)
- Manually adjust the arc dynamics
- MMA: weld with rutile, basic, stainless steel and cast iron electrodes (up to Ø 6 mm)
- One MMA welding aid: Anti-Stick (activated as default)
- Pre-installed connection (36 V AC/4.2 A) for gas heaters during pure-CO2 welding



5 models available

250 A	250T-C	Compact
	250T	With wheels
320 A	320T-C	Compact
	320T	With wheels
400 A	420T	With wheels



Specifications

		250T-C	250T	320T-C	320T	400T
Power Supply		400 V 3 ph, 50/60 Hz		400 V 3 ph, 50/60 Hz		400 V 3 ph, 50/60 Hz
Fuse		16 A		16 A		32 A
Current range	MIG/MAG	40-250 A		40-320 A		40-400 A
	MMA	40-220 A	40-250 A	40-300 A		
Duty Cycle (40°C ambient temperature)	MIG MAG	Imax	250 A at 20%	250 A at 30%	320 A at 20%	320 A at 30%
		at 60%	170 A / 22.5 V	200 A / 24 V	200 A / 24 V	240 A / 26 V
	at 100%	130 A / 20.5 V	180 A / 23 V	160 A / 22 V	200 A / 24 V	240 A / 26 V
	MMA	Imax	220 A at 20%	250 A at 30%	300 A at 20%	300 A at 30%
at 60%		150 A / 26 V	200 A / 28 V	180 A / 27.2 V	220 A / 28.8 V	300 A / 32 V
at 100%	120 A / 24.8 V	180 A / 27.2 V	140 A / 25.6 V	180 A / 27.2 V	240 A / 29.6 V	
Wire-feed reel	speed	2 - 15 m/min		3 - 18 m/min		3 - 21 m/min
	⊗	Four rollers (two motorised)		Four rollers (two motorised)		Four rollers (two motorised)
Diameter of supported reels (Ø)		200-300 mm		200-300 mm		200-300 mm
Wire diameter	Steel	0.6 - 1.2 mm		0.6 - 1.2 mm		0.6 - 1.6 mm
	Stainless steel	0.8 - 1.2 mm		0.8 - 1.2 mm		0.6 - 1.6 mm
	Aluminium	0.8 - 1 mm		0.8 - 1 mm		0.8 - 1.6 mm
	Flux-cored wire	0.9 - 1.2 mm		0.9 - 1.2 mm		0.9 - 1.2 mm
Welds with electrodes up to Ø		1.6 - 5 mm		1.6 - 6 mm		1.6 - 6 mm
Protection rating		IP 21		IP 23	IP 21	IP 21
Dimensions L x l x h		58 x 52 x 32 cm	77 x 79 x 47 cm	65 x 52 x 34 cm	77 x 79 x 47 cm	94 x 78 x 38.5 cm
Weight		32 kg	40 kg	38 kg	44 kg	63 kg
Original equipment	rollers	0.8/1.0 - A		0.8/1.0 - B		1.0/1.2 - B
		steel, stainless steel		steel, stainless steel		steel, stainless steel

Ordering information

	without accessories	with accessories
MULTIWELD 250T-C	014572	078659
MULTIWELD 250T	031678	078635
MULTIWELD 320T-C	063037	079274
MULTIWELD 320T	062467	079250
MULTIWELD 400T	068735	-

MIG25 Torch - 3 m + earth cable 4 m - 25 mm²

MIG36 Torch - 4 m + earth cable 4 m - 35 mm²



Two-year warranty



Product sheet

KRONOS 250M

Integrated wire feeder



The KRONOS 250M is a multi-process, single-phase inverter welding unit. Its state-of-the-art technology ensures excellent arc characteristics for everyday MIG/MAG applications. The integrated synergies make it much easier to adjust welding settings, and reduces spatter during the welding process.

- Welding current: 15 to 250 A
- Multi-process: MIG/MAG, MMA DC/Pulse, TIG DC/Pulse
- Digital arc control with instant ignition
- Compatible with wire diameters from 0.6mm to 1.2mm dependent on the application
- Intuitive, multilingual, 3.5" colour interface
- Suitable for welding steel, stainless steel, aluminium and copper.
- Easy polarity change for using gasless flux-cored wire
- MMA: Weld rutile and basic electrodes (up to Ø 4 mm)
- Full machine software and synergy updates via USB stick
- 4-roller wire feeder with digital encoder for smooth wire delivery
- Storage of up to 200 welding programs



MADE IN FRANCE



Two-year warranty



Product sheet

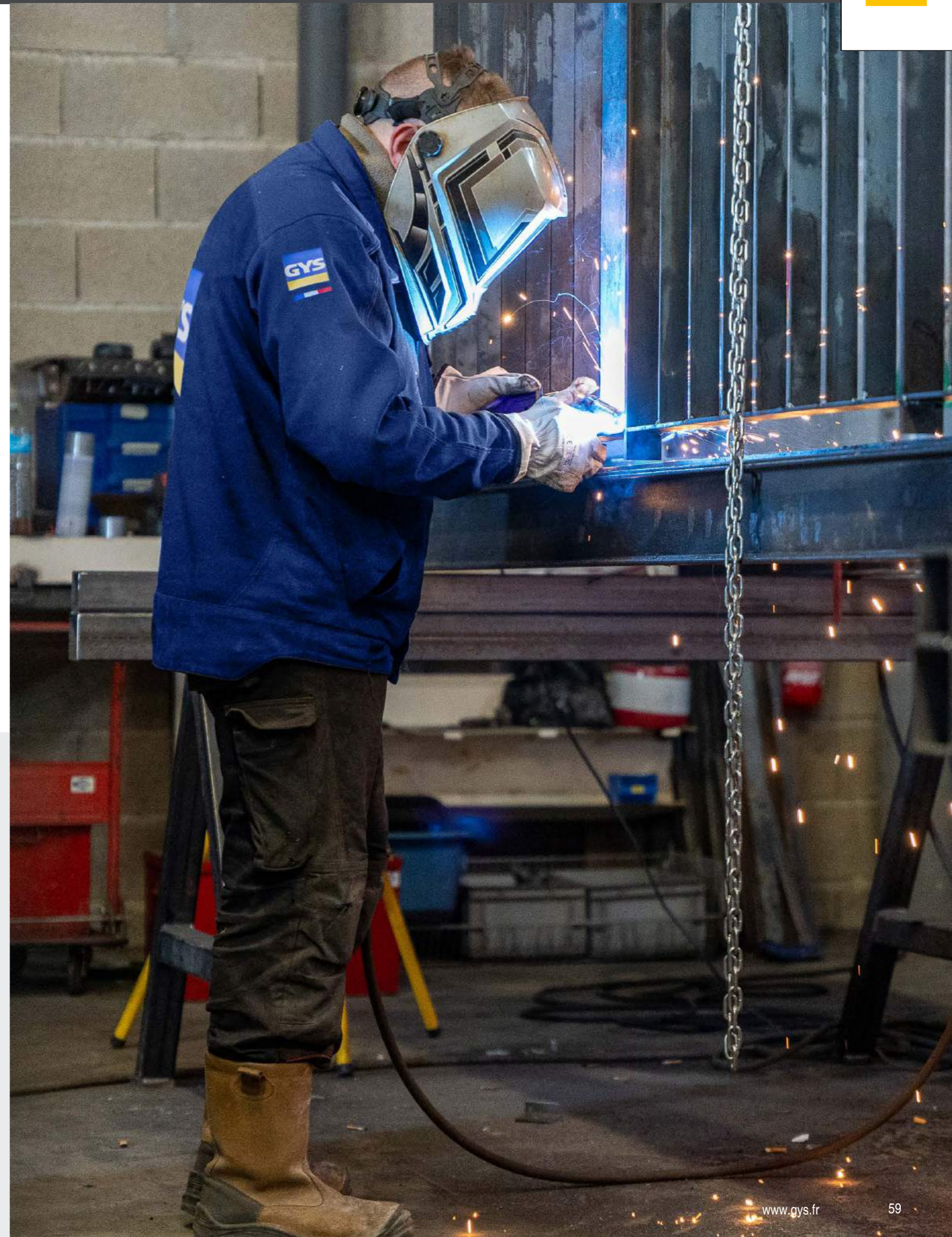
Specifications

Power Supply	Fuse	Max. welding current		
230 V 1 ph, 50/60 Hz	16 A	250 A		
Current range	Wire-feed speed	Type of roller		
15-250 A	1.5 - 20 m/min	Four rollers (two motorised) 0.8/1.0 - B (original equipment)		
Ø of supported reels	Wire diameter (mm)			
200-300 mm	Steel/Stainless	Aluminium	CuSi / CuAl	Flux-cored wire
	0.6 - 1.2	0.8 - 1.2	0.8 - 1.0	0.9 - 1.2
Duty cycle (40°C ambient temperature)				
MIG-MAG	MMA	TIG		
250 A/26.5 V at 20%	250 A/30 V at 15%	250 A/20 V at 20%		
150 A/21.5 V at 60%	150 A/26 V at 60%	150 A/16 V at 60%		
130 A/20.5 V at 100%	120 A/24.8 V at 100%	130 A/15.2 V at 100%		
Dimensions L x l x h	75 x 45 x 80		Weight	
Protection rating	IP23S		45 kg	



21 synergies: Steel, AlMg, AlSi, CrNi, CuSi.

After entering 3 pieces of data: Wire diameter, material/gas, and thickness to be welded, the product automatically determines the optimal welding parameters



KRONOS three-phase Integrated wire feeder



The KRONOS multi-process machines offer great flexibility. These 4 welding units are powered by 3-phase current, and are available with air or liquid cooling, and with either an integrated wire feeder or a dual wire feeder configuration on the Duo version. The integrated synergies make the settings easier to adjust and reduce spatter during welding.

- Welding current up to 400 A (depending on model)
- Multi-process: MIG/MAG, MMA DC/Pulse,
- TIG DC/Pulse
- Digital arc control with instant ignition
- Compatible with wire diameters from 0.6 mm to 1.2 mm dependent on the application
- Duo system with dual wire feeders for welding 2 wire types or diameters in succession on a single unit (Duo model with optional WF 35 wire feeder)
- Intuitive, multilingual, 3.5" colour interface
- 21 synergies: Steel, AlMg, AlSi, CrNi, CuSi.
- Easy polarity change for using gasless flux-cored wire
- MMA: Weld rutile and basic electrodes (up to Ø 5 mm)
- Full machine software and synergy updates via USB stick
- 4-roller wire feeder with digital encoder for smooth wire delivery
- Storage of up to 200 welding programs



4 models available

MADE IN FRANCE

250 A	250T	
320 A	320T	
400 A	400T Duo	+ optional independent wire feeder
	400T W	Integrated cooling unit



Additional features

- Portability feature; user JOBS and machine configurations can be saved/loaded/transported via USB stick
- Spatter reduction is achieved through a very stable arc
- 2 display modes: Easy or Expert
- Current/voltage display during welding for DMOS
- 3 MMA welding assistance features: Hot Start (adjustable), Arc Force (adjustable) and Anti-sticking
- Can be used on regulated generators
- IP23S rating for damp environments
- Ventilation on demand system to reduce dust intake and power consumption.
- 4 lifting points for easy hoisting and safe transport
- Storage compartment
- Gas cylinder support up to 10m3 (50L) depending on the model.

Specifications

		250T	320T	400T Duo	400T W
Power Supply		400 V 3 ph, 50/60 Hz			
Fuse		16 A		32 A	
Current range	MIG/MAG	15-250 A	15-320 A	15-400 A	
	MMA	20-250 A	20-320 A	20-400 A	
	TIG	20-250 A	20-320 A	20-400 A	
Duty Cycle (40°C ambient temperature)	at 60%	200 A	240 A	300 A	
	at 100%	170 A	190 A	280 A	
Wire-feed reel (50 W)	built in			+ optional WF 35	
Built-in cooling unit					(800 W)
Wire-feed speed		1.5 - 20 m/min			
Diameter of supported reels (Ø)		200-300 mm			
	Steel, stainless steel	0.6 - 1.2 mm			
Wire diameter	Aluminium	0.8 - 1.2 mm			
	CuSi / CuAl	0.8 - 1 mm			
	Flux-cored wire	0.9 - 1.6 mm			
Welds with electrodes up to Ø		1.6 - 5 mm			
No-load voltage		69 V		66 V	
Protection rating		IP 23S			
Dimensions L x l x h		75 x 45 x 80 cm	90 x 55 x 67 cm	90 x 55 x 81 cm	
Weight		46 kg	55 kg	70 kg	
Original equipment	rollers	1.0/1.2 - B - steel, stainless steel			

Ordering information

KRONOS 250T with accessories MIG25 torch - 3 m + 4 m earth cable - 25 mm2	075016
KRONOS 320T with accessories MIG36 torch - 3 m + 4 m earth cable - 35 mm2	078734
KRONOS 320T without accessories	075030
KRONOS 400T Duo without accessories	075337
KRONOS 400T W without accessories	075511



Two-year warranty



Product sheet

KRONOS three-phase Separate wire feeder



The KRONOS 400 with separate wire feeders are three-phase multi-process welding power sources. With 100% duty cycle and state-of-the-art digital technology provide excellent arc characteristics for MIG/MAG applications in a production environment. The integrated synergies make it much easier to adjust and reduce spatter during welding.

- Welding current up to 400 A
- Multi-process: MIG/MAG, MMA DC/Pulse,
- TIG DC/Pulsed
- Available in liquid-cooled version for maximum performance (400T GW model)
- Digital arc control with instant ignition
- Compatible with wire diameters from 0.6 mm to 1.2 mm depending on the application
- 3.5" colour interface (for Duo version)
- 21 synergies : Steel, AlMg, AlSi, CrNi, CuSi.
- Easy polarity change for using gasless flux-cored wire
- MMA: Weld rutile and basic electrodes (up to Ø 5 mm)
- Full machine software and synergy updates via USB stick
- 4-roller wire feeder with digital encoder for smooth wire delivery
- Storage of up to 200 welding programs



3 models available

400 A	400T G	400T GW	400T Duo
		Integrated cooling unit	+ optional independent wire feeder

MADE IN FRANCE



Additional features

- Portability feature; user JOBS and machine configuration can be saved/loaded/transported via USB stick
- Spatter reduction is achieved through a very stable arc
- 2 display modes: Easy or Expert
- Current/voltage display during welding for DMOS
- 3 MMA welding assistance features: Hot Start (adjustable), Arc Force (adjustable) and Anti-sticking
- Can be used on regulated generators
- IP23S rating for damp environments
- Ventilation on demand system to reduce dust intake and power consumption.
- 4 lifting points for easy hoisting and safe transport
- Storage compartment
- Gas cylinder support for up to 10 m³ (50 L)

Specifications

		400T G	400T GW	400T Duo	WF 35
Power Supply		400 V 3 ph, 50/60 Hz			48 V DC
Fuse		32 A			-
Current range	MIG/MAG	15-400 A	15-400 A		
	MMA	20-400 A	20-400 A		-
	TIG	20-400 A	20-400 A		
Duty Cycle (40°C ambient temperature)	at 60%	300 A (MIG-MAG)	300 A	500 A	
	at 100%	230 A (MIG-MAG)	280 A		-
Wire-feed reel (50 W)	built in	-	+ optional WF 35 4 rollers (2 motorised)	air or liquid depending on the beam 4 rollers (2 motorised)	
Built-in cooling unit		-	(800 W)	-	-
Wire-feed speed			1.5 - 20 m/min	1.5 - 20 m/min	
Diameter of supported reels (Ø)			200-300 mm	200-300 mm	
Wire diameter	Steel, stainless steel		0.6 - 1.2 mm	0.6 - 1.2 mm	
	Aluminium CuSi / CuAl	optional WF 35	0.8 - 1.2 mm	0.8 - 1.2 mm	
			0.8 - 1 mm	0.8 - 1 mm	
	Flux-cored wire		0.9 - 1.6 mm	0.9 - 1.6 mm	
Welds with electrodes up to Ø		-	1.6 - 5 mm	-	
No-load voltage		66 V			-
Protection rating		IP 23S			IP 23
Dimensions L x l x h		90 x 55 x 67 cm	90 x 55 x 81 cm	90 x 55 x 67 cm	58 x 26 x 48 cm
Weight		53 kg	68 kg	55 kg	14 kg
Original equipment	rollers		-	1.0/1.2 - B steel, stainless steel	1.0/1.2 - B steel, stainless steel

Ordering information

KRONOS 400T G without accessories	075054
KRONOS 400T GW without accessories	075061
KRONOS 400T Duo without accessories	075337
Separate wire feeder WF 35 without accessories	075078



Two-year warranty



Product sheet

NEOMIG-i

Separate wire feeder



The NEOMIG-i is designed to handle the most demanding industrial assignments. Multi-process, high-performance duty cycle, with an independent premium motor wire feeder: these two power sources are the ideal choice for heavy-duty production applications in the workshop.

- Welding current up to 500 A
- Multi-process: MIG/MAG, MMA DC/Pulse,
- TIG DC/Pulse, Air Arc Gouging.
- 2 optional KOOLWELD cooling units for maximum performance.
- High duty cycle:
 - 400 A at 100 % (400 G)
 - 500 A at 60% (500 G)
- Digital arc control with instant ignition
- Compatible with wire diameters from 0.6 mm to 1.6 mm depending on the application
- 21 synergies : Steel, AlMg, AISi, CrNi, CuSi.
- Compatible with WF 35 and WF 50 wire feeders (additional items)
- MMA: basic, rutile and cellulosic electrodes
- Traceability of all weld beads in accordance with EN 3834.
- Portability: load/save user JOBS and machine configurations via USB stick.



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2 models available

400 A	400 G	Optional separate wire feeder
500A	500 G	Optional separate wire feeder

Bright and user-friendly 5" interface



Additional features

- Ultra intuitive 5" colour interface, (on WF 50 wire feeder)
- Calibration mode for welding accessories to adjust the voltage readout
- Connectable through an optional kit (062993) for use with robots
- User mode for sharing the product with multiple users
- Free online tool for interface customisation
- Push-Pull torch connection (optional 078741) for WF 50 wire feeder
- Ideal height for easy viewing of parameters
- IP23S rating for humid environments
- Easy disassembly for maintenance
- Optional dust filter (046580).
- IP23 protection rating.

Specifications

		400 G	500 G	WF 35	WF 50
Power Supply		400 V 3 ph, 50/60 Hz		48 V DC	48 V DC
Fuse		32 A		-	-
Current range	MIG/MAG	15-400 A	15-500 A	-	-
	MMA	20-400 A	20-500 A		
	TIG	20-400 A	20-500 A		
Duty Cycle (40°C ambient temperature)	at 60%	400 A	500 A	500 A	500 A
	at 100%	-	400 A	-	-
Wire-feed reel	Cooled torch	optional WF 35 / WF 50		air or liquid depending on the beam 4 rollers (2 motorised) 4 rollers (4 motorised)	
Diameter of supported reels (Ø)		200-300 mm			
Cooling unit		KOOLWELD 2 (optional)		-	
Wire-feed speed		1.5 - 20 m/min			
Wire diameter	Steel, stainless steel	optional WF 35 / WF 50		0.6 - 1.2 mm	0.6 - 1.6 mm
	Aluminium			0.8 - 1.2 mm	0.8 - 1.6 mm
	CuSi / CuAl			0.8 - 1 mm	0.8 - 1.6 mm
	Flux-cored wire			0.9 - 1.6 mm	0.9 - 2.4 mm
Welds with electrodes up to Ø		-		1.6 - 5 mm	1.6 - 6 mm
No-load voltage		86 V		-	
Protection rating		IP 23		IP 23	
Dimensions L x l x h		75 x 30 x 49 cm		58 x 26 x 48 cm	
Weight		37 kg		14 kg	
Original equipment	rollers	-		1.0/1.2 - B steel, stainless steel	1.0/1.2 - F steel, stainless steel



Two-year warranty



Product sheet

Ordering information

NEOMIG-i 400 G without accessories	075054
NEOMIG-i 500 G without accessories	075061
Separate wire feeder WF 35 without accessories	075078
Separate wire feeder WF 50 without accessories	075108

WF 35



Designed to work with KRONOS and NEOMIG-i power sources, the WF 35 remote wire feeder has a very high duty cycle of 60% at 500 A. Its 3.5" colour display is easy to follow, and the interface is intuitive with 2 different display modes: Easy or Expert.

- Compatible power sources:
 - KRONOS 400T G / 400T GW / 400T Duo
 - NEOMIG-i 400 G / 500 G
- 21 synergies: Steel, AlMg, AlSi, CrNi, CuSi. After entering three pieces of data: Wire diameter, material/gas, and thickness to be welded, the product automatically determines the optimal welding parameters
- Compatible with air or liquid cooled torches depending on the MIG-i interconnection cable
- Storage of up to 200 different welding programs (Job) for reoccurring tasks
- Calibration mode for welding accessories to adjust the voltage readout
- Free online tool for interface customisation
- Intelligent wire change function with torch length management.



WF 35 / WF 50:
Easy access to interconnection cable connectors with locking system.

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Two-year warranty



Product sheet

Specifications

Power Supply	Wire-feed speed	Type of roller
48 V DC	1.5 - 20 m/min	4 rollers Ø 37 mm (Type B)
Duty cycle (40°C ambient temperature)	Protection rating	Wire diameter
500 A at 60%	IP23	0.6 > 1.6 mm
Supported reels	Dimensions L x l x h	Weight
5 kg - Ø 200 mm 18 kg - Ø 300 mm	58 x 26 x 48 cm	14 kg

Ordering information

Separate wire feeder WF 35 - without accessories

075078



3.5" HMI = 76 mm

WF 50



Designed to work with KRONOS and NEOMIG-i power sources, the WF 50 remote wire feeder has a very high duty cycle of 60% at 500 A. Its four drive roller feed motor and encoder system provide precise and smooth wire delivery for all types of materials.

- Compatible power sources:
 - KRONOS 400T G / 400T GW / 400T Duo
 - NEOMIG-i 400 G / 500 G
- 21 synergies: Steel, AlMg, AlSi, CrNi, CuSi. After entering three pieces of data: Wire diameter, material/gas, and thickness to be welded, the product automatically determines the optimal welding parameters
- Compatible with air or liquid cooled torches depending on the MIG-i interconnection cable
- Storage of up to 200 different welding programs (Job) for reoccurring tasks
- Calibration mode for welding accessories to adjust the voltage readout
- User mode to share the product with multiple users
- Traceability of all weld beads in accordance with EN 3834.
- Free online tool for interface customisation
- Push-Pull torch connection (optional 078741)
- Led lighting of the wire feeder and reel



Equipped with a 100 W motor with four driven rollers.

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Two-year warranty



Product sheet

Specifications

Power Supply	Wire-feed speed	Type of roller
48 V DC	1.5 - 20 m/min	4 motorised rollers Ø 37 mm (Type F)
Duty cycle (40°C ambient temperature)	Protection rating	Wire diameter
500 A at 60%	IP23	0.6 > 2.4 mm
Supported reels	Dimensions L x l x h	Weight
5 kg - Ø 200 mm 18 kg - Ø 300 mm	58 x 26 x 48 cm	14 kg

Ordering information

Separate wire feeder WF 50 - without accessories

075108



5" HMI = 127 mm

	Separate wire feeder WF 35 075078	Type-B rollers (x2) original Ø 1.0/1.2 steel/stainless steel Ø 1.0/1.2 - alu 040915	Earth cable 400 A 4 m / 50 mm ² 047853	Cable bundle	MIG/MAG torch	Steel Alu

	Separate wire feeder WF 50 075108	Cooling unit KOOLWELD 2 075115	Trolley 10m ³ L 075498	Type-F rollers (x4) original steel/stain- less steel Ø 1.0/1.2 Ø 1.0/1.2 - alu 061903	Earth cable 600 A - 4 m (pince étou) 043831	Cable bundle	MIG/MAG torch GRIP	Steel Alu

KRONOS 400T W Packs

						air	air
1 077744	■	■	■	■	■	041004 500 A - 4 m	
2 077751	■	■	■	■	■		046160 500 A - 3 m

NEOMIG-i 400 Packs

							liquid	liquid	liquid
1 077843	■	■	■	■	■	■	075481 - 10 m 70 mm ²	041004 500 A - 4 m	
2 077850	■	■	■	■	■	■			046160 500 A - 3 m
3 077867	■	■	■	■	■	■	075504 - 10 m 95 mm ²	041004 500 A - 4 m	
4 077874	■	■	■	■	■	■			046160 500 A - 3 m

KRONOS 400T GW Packs

						air	air	air
1 077768	■	■	■	■	■	075443 - 5 m	063792 350 A - 4 m	
2 077775	■	■	■	■	■	075443 - 5 m		063808 350 A - 3 m
3 077782	■	■	■	■	■	075450 - 10 m	063792 350 A - 4 m	
4 077799	■	■	■	■	■	075450 - 5 m		063808 350 A - 3 m

NEOMIG-i 500 Packs

							liquid	liquid	liquid
1 077881	■	■	■	■	■	■	075504 - 10 m 95 mm ²	041004 500 A - 4 m	
2 077898	■	■	■	■	■	■			046160 500 A - 3 m

KRONOS 400T GW Packs

							liquid	liquid	liquid
1 077805	■	■	■	■	■	075454 - 5 m	041004 500 A - 4 m		
2 077812	■	■	■	■	■	075474 - 5 m			046160 500 A - 3 m
3 077829	■	■	■	■	■	075481 - 10 m	041004 500 A - 4 m		
4 077836	■	■	■	■	■	075481 - 10 m			046160 500 A - 3 m

KRONOS 400T Duo Packs

						air	air	air
1 077706	■	■	■	■	■		063792 350 A - 4 m	
2 077713	■	■	■	■	■			063808 350 A - 3 m
3 077720	■	■	■	■	■	075443 - 5 m	063792 350 A - 4 m	063808 350 A - 3 m
4 077737	■	■	■	■	■	075450 - 10 m	063792 350 A - 4 m	063808 350 A - 3 m

M I M G A G

MULTI-PROCESS CC/CV

Inverter



EXAGON 400
CC/CV
p.72



EXAGON 400
FLEX
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Separate
wire feeders
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EXAGON 400 CC/CV

7-in-1 multi-processing



The EXAGON 400 CC/CV delivers a maximum power of 400 A. With its 7-in-1, multi-process design, this device brings a new perspective to the traditional welding landscape. It has multiple operating modes: MMA, Pulsed MMA, MIG/MAG, DC TIG with Arc-Lift or HF ignition and arc gouging. Its versatility is reflected in how easy it is to use and how well it performs in all sectors (construction sites, workshops and shipbuilding alongside pipe and pipeline welding).

MADE IN FRANCE



Separate workshop wire feeder Wire feeder case with voltage detection TIG DC with HF ignition

- MMA welding:** weld with all rutile, basic, stainless steel, cast iron and cellulosic electrodes (up to Ø 6 mm)
- PULSED MMA welding:** ideal for vertical-up welding as the frequency can be adjusted
- DC TIG welding with Arc-Lift ignition** (Ø 1.6 - 3.2 mm)
- Arc gouging** with a carbon electrode (up to Ø 6.5 mm)
- MIG/MAG welding** with solid wire (Ø 0.6 - 1.6 mm) or flux-cored wire (< Ø 2.4 mm), an optional heavy-duty wire-feed reel found in the NOMADFEED carry case will be required for this application
- MIG/MAG welding** with solid wire (Ø 0.6 - 1.6 mm) or flux-cored wire (< Ø 2.4 mm), the wire-feed reel found in the EXAFEED carry case will be required for this application
- DC TIG welding with HF ignition** (the optional EXATIG machine is required for this application)



Overheating protection and a thermostatically controlled ventilation fan

Main settings:
• Current (MMA and TIG)
• Voltage (MIG/MAG and gouging)

Secondary settings:
• Arc Force (MMA)
• Dynamic arc (MIG/MAG)

- MMA WELDING
- PULSED MMA WELDING
- MIG/MAG welding with a voltage-sensing wire-feed reel (NOMADFEED)
- MIG/MAG welding with a specialised workshop wire-feed reel (EXAFEED)
- Arc-Lift DC TIG
- Gouging



Additional features

- Welding current/voltage displayed for DMOS
- The VRD (voltage reduction device) can be switched on to reduce the no-load output voltage to 35 V
- Optional remote control (foot switch or manual control)
- Can store up to 50 programs per process
- Easy, tool-free software updates via a USB cable
- Lockable keyboard to prevent operating errors
- Three separate welding-assistance systems: Hot Start (adjustable), Arc Force (adjustable) and Anti-Stick
- TIG welding: Automatic arc fade with adjustable timing feature
- Quickly browse the parameter settings
- Reinforced bodywork
- Two steel handles for easy moving and lifting
- IP23 classification for wet environments
- Hermetically sealed ventilation corridor to isolate electronic components from dust

Specifications

	EXAGON 400 CC/CV	EXAFEED-4L	NOMADFEED 425-4
Power Supply	400 V 3 ph, 50/60 Hz	24 V / 4 A 48 V / 2 A	17-113 V DC 30-80 V AC
Fuse	32 A	-	15 A
Current range	MIG/MAG	15-400 A	-
	MMA	20-400 A	-
	TIG	10-400 A	-
Duty Cycle (40°C ambient temperature)	at 60%	400 A	500 A
	at 100%	350 A	400 A
Wire-feed reel	Cooled torch	-	air / liquid
		-	air
Cooling unit	EXACOOOL (optional)	-	-
Wire-feed speed		1 - 22 m/min	1 - 24 m/min
Diameter of supported reels (Ø)		200-300 mm	
	Steel, stainless steel	Optional wire-feeder carry case required	
Wire diameter	Aluminium	0.6 - 1.6 mm	
	Flux-cored wire	1.0 - 1.6 mm	
No-load voltage	84 V (< 35 V VRD On)	-	
Protection rating	IP 23	IP23	
Dimensions L x l x h	58 x 52 x 30 cm	67 x 30 x 23 cm	60 x 22 x 43 cm
Weight	32 kg	19 kg	14,6 kg
Original equipment	rollers	-	1.0/1.2 - C
		-	1.2/1.6 - E & C
		steel, stainless steel	Flux-cored wire

Ordering information

EXAGON 400 CC/CV without accessories	010925
EXAFEED-4L wire-feed reel without accessories	032408
NOMADFEED 425-4 CC/CV wire feeder carry case without accessories	036291



Two-year warranty



EXAGON Product sheet



EXAFEED Product sheet



NOMADFEED Product sheet

EXAGON 400 FLEX

Multi-voltage 208 > 525 V



EXAGON 400 FLEX CC/CV is a 5-in-1 multi-process power source with automatic input voltage recognition suitable from 208V to 525V, on a single or three-phase supply. Designed for all portable welding applications, it can be used on location for long periods of time because of its excellent duty cycle.

MADE IN FRANCE



Wire feeder case with voltage detection

- MMA welding:** weld with all rutile, basic, stainless steel, cast iron and cellulosic electrodes (up to Ø 6 mm)
- PULSED MMA welding:** ideal for vertical-up welding as the frequency can be adjusted
- DC TIG welding with Arc-Lift ignition** (Ø 1.6 - 3.2 mm)
- Arc gouging** with a carbon electrode (up to Ø 6.5 mm)
- MIG/MAG welding** with solid wire (Ø 0.6 - 1.6 mm) or flux-cored wire (< Ø 2.4 mm), an optional heavy-duty wire-feed reel found in the NOMADFEED carry case will be required for this application



Additional features

- Welding current/voltage displayed for DMOS
- The VRD (voltage reduction device) can be switched on to reduce the no-load output voltage to 35 V
- Optional remote control (foot switch or manual control)
- Can store up to 50 programs per process
- Easy, tool-free software updates via a USB cable
- Lockable keyboard to prevent operating errors
- TIG welding: Automatic arc fade with adjustable timing feature
- Automatable
- Use on regulated generators
- Two steel handles for easy moving and lifting
- IP23 classification for wet environments
- Hermetically sealed ventilation corridor to isolate electronic components from dust

Specifications

	EXAGON 400 FLEX		NOMADFEED 425-4
Power Supply	208-525 V 1 ph, 50/60 Hz	208-525 V 3 ph, 50/60 Hz	17-113 V DC 30-80 V AC
Fuse	32 A / 63 A		15 A
Current range	MIG/MAG	15-270 A	10-400 A
	MMA	15-270 A	15-400 A
	TIG	10-270 A	10-400 A
Duty Cycle (40°C ambient temperature)	at 60%	270 A	400 A
	at 100%	220 A	350 A
Wire-feed reel	Cooled torch	-	air
Reel speed			1 - 24 m/min
Diameter of supported reels (Ø)			200-300 mm
Wire diameter	Steel, stainless steel	Optional wire-feeder carry case required	
	Aluminium		
	Flux-cored wire	1 - 1.6 mm	
No-load voltage	84 V (< 35 V VRD On)		-
Protection rating	IP 23		IP23
Dimensions L x l x h	66 x 52 x 30 cm		60 x 22 x 43 cm
Weight	36 kg		14,6 kg
Original equipment	rollers	-	1.2/1.6 - E & C Flux-cored wire

Ordering information

EXAGON 400 FLEX CC/CV without accessories	069718
NOMADFEED 425-4 CC/CV wire feeder carry case without accessories	036291



Two-year warranty



EXAGON FLEX Product sheet



NOMADFEED Product sheet



Overheating protection and a thermostatically controlled ventilation fan

- MMA WELDING
- PULSED MMA WELDING
- MIG/MAG welding with a voltage-sensing wire-feed reel (NOMADFEED)
- Arc-Lift DC TIG
- Gouging

Main settings:
• Current (MMA and TIG)
• Voltage (MIG/MAG and gouging)

Secondary settings:
• Arc Force (MMA)
• Dynamic arc (MIG/MAG)

EXAFEED-4L



Designed to work exclusively with the EXAGON 400 CC/CV power source, the separate EXAFEED-4L wire feeder makes it easy to adjust welding parameters, and its intuitive interface and ultra-precise feed motor offer professional operators the highest possible performance.

- Compatible power source:
 - EXAGON 400 CC/CV (010925)
- 3 adjustable welding parameters directly on the front panel: Voltage, Wire speed and Inductance
- Electronically controlled motorised wire feeder (100 W) with 4 driven rollers
- Compatible with air and liquid cooled torches
- Internal lighting of the motor and spool
- Push-Pull torch compatible (24V / 42V)
- Integrated torch holder
- IP23 enclosure
- Remote control of the feeder with 2 optional remote controls (digital or analogue)
- 4 suspension brackets for lifting
- Wheel or skid pad kit for on-site mobility (optional)
- Memory for 50 programs
- Lockable keypad to avoid operator error



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Wire-feed speed	Type of roller
48 V - 2 A 24 V - 1 A	1 - 22 m/min	4 rollers Ø 37 mm (Type C)
Duty cycle (40°C ambient temperature)	Protection rating	Wire diameter
500 A at 60% 400 A at 100%	IP23	0.6 > 2.4 mm
Supported reels	Dimensions L x l x h	Weight
5 kg - Ø 200 mm 18 kg - Ø 300 mm	67.5 x 30 x 23 cm	19 kg

Ordering information

Separate wire feeder EXAFEED-4L without accessoires

032408

Intuitive and readable interface even in bright light



NOMADFEED 425-4



The NOMADFEED 425-4 is an ergonomic solution for on-site MIG/MAG welding, constructed in a very robust IP23 transportable case.

- Compatible with most CC and CV power sources on the market (DC and constant voltage)
- Extremely strong, flame retardant polypropylene enclosure
- Electronics protected against overvoltage up to 400 V, as well as dust and moisture
- Electronically controlled wire feed motor (100 W) with 4 driven rollers
- “Soft Start” technology for smoother ignition
- Rapid air purge in the torch
- Adjustable wire speed on the front panel
- Selection of speed control mode: CC (current source) or CV (voltage source)



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Wire-feed speed	Type of roller
17 Vdc - 113 Vdc 30 Vac - 80 Vac	1 - 24 m/min	4 rollers : x2 Type E Ø 30 mm x2 Type C Ø 37 mm
Duty cycle (40°C ambient temperature)	Protection rating	Wire diameter
425 A at 60% 300 A at 100%	IP23	0.6 > 2.4 mm
Supported reels	Dimensions L x l x h	Weight
5 kg - Ø 200 mm 18 kg - Ø 300 mm	60 x 22 x 43 cm	15 kg

Ordering information

Separate wire feeder NOMADFEED 425-4 CC/CV without accessoires (supplied with non-disconnectable earth clamp 4 m - 95 mm2)

036291



EXATIG

High frequency (HF) generator



The EXATIG is a high frequency (HF) generator to allow TIG welding on other non-TIG DC power sources. Optimized for use with the EXAGON 400 CC/CV, the EXATIG allows for HF arc ignition, as well as having torch and gas management options.

- Extremely easy to use and runs directly from the power source without the need for an auxiliary power cable.
- Available features when paired with EXAGON 400 CC/CV:**
 - TIG DC: continuous current for welding ferrous metals
 - TIG DC Pulse: reduces heat distortion of the workpiece (pulse frequency up to 200Hz)
 - HF and Arc-lift ignition
 - 2T/4T trigger selection
 - Automatic torch detection (single or double button, or potentiometer controlled)
 - Full customisation of weld cycle: Pre-gas, upslope, current, pulse frequency, downslope, post-gas



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	TIG current range	
20-100 V	10-400 A	
Max. welding current	HF ignition voltage	
400 A	9 kV	
Duty Cycle (40°C ambient temperature)	Dimensions L x l x h	Weight
270 A at 60%	34 x 26 x 16 cm	6.5 kg
220 A at 100%		

Ordering information

EXATIG without accessories 013780

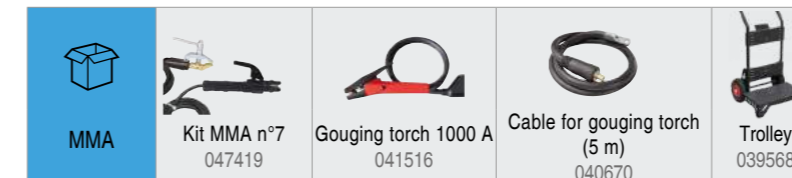


EXAGON 400 CC/CV Packs

		air		air	
1	012417	■	10 m, air, ø 70 mm ² 047594	TYPE C, Ø 1/1.2	350 A, 4 m 040946
2	013377	■	5 m, air, ø 70 mm ² 047587	TYPE C, Ø 1/1.2	
		liquid		liquid	
3	012424	■	10 m, liquid, ø 95 mm ² 047631	TYPE C, Ø 1/1.2	500 A, 4 m 041004
4	013384	■	5 m, liquid, ø 70 mm ² 047617	TYPE C, Ø 1/1.2	
				air	
5	013421	■			450 A, 4 m 045392
6	013438	■			

EXAGON 400 FLEX CC/CV Packs

				air	
1	076327	■		TYPE F, Ø 1/1.2	450 A, 4 m 045392
2	076334	■		TYPE F, Ø 1/1.2	



EXAGON 400 CC/CV Packs

1	012387	■			
2	012394	■			
3	012400	■			

EXAGON 400 FLEX CC/CV Packs

1	076235	■			
2	076242	■			
3	076259	■			



EXAGON 400 CC/CV Packs

1	062597	■	■ SR26L			
2	062603	■	■ SR26L			
3	062948	■		■ SR26DB		



M
I
M
G
A
G



Smooth / Pulse CURRENT

- Inverter**
- 
NEOPULSE
single-phase
p.82
 - 
NEOPULSE
three-phase
p.84
 - 
Separate wire
feeders
p.86

NEOPULSE single-phase Pulsed MIG/MAG



The single-phase NEOPULSE range with built-in wire-feed reel is the ideal solution for industrial, multi-process welding. These two, digital, pulsed MIG/MAG welding units have an excellent duty cycle despite their compact size; this increases productivity and mobility on the workshop floor.



- Welding current 10 - 220 A
- Digital technology provides very precise arc control resulting in high-quality welds
- Available as an XL model (Ø reels: Ø 200/300 mm) or as a compact (C) model (Ø reel: Ø 200 mm)
- The pulsed feature reduces heat input and minimises spatter
- Up to 168 pre-programmed synergy guidelines
- Six MIG/MAG welding modes:
 - **Dynamic:** Universal, high-speed mode
 - **Impact:** Concentrated arc with deep penetration
 - **Root:** Chamfered root pass
 - **Pulsed:** Easy to handle in any position with minimal spatter
 - **ColdPulse:** Spatter-free brazing
 - **Modular:** Featuring TIG welding with the productivity of MIG welding
- Compatible with Ø 0.6 - 1.2 mm wires depending on the application
- Traceability feature: Records all stages of the welding operation, bead by bead, during industrial production processes (EN ISO 3834)
- Portable: Backup the user jobs as well as the machine's configuration from a USB key

MADE IN FRANCE



Two-year warranty



Product sheet

Ultra-intuitive, 5-inch, colour user-interface



Additional features

- Calibrate the wire-feed speed and welding accessories (torch and cable, etc.)
- Simple polarity changes for using flux-cored wire without gas shielding
- Can store up to 500 programs per process
- Update the machine and the synergies via a USB key
- Lockable interface to prevent involuntary changes
- Three individual display modes suitable for: Easy, Expert and Advanced users
- User-profile management means that the device can be used by many different welding professionals
- Pulsed MMA and Pulsed TIG modes
- Two steel handles make it easy to move the appliance
- IP23 classification for wet environments
- Internal lighting system for the motorised wire-feed reel
- Compatible Push-Pull Torch (24 V)
- Configurable to suit your use



Check out all the GYS synergies

Specifications

		220 C	220 C XL
Power Supply		230 V 1 ph, 50/60 Hz	
Fuse		16 A	
Current range	MIG/MAG - MMA - TIG	10-220 A	
Duty Cycle (40°C ambient temperature)	MIG/MAG	at 20%	220 A / 25 V
		at 60%	150 A / 21.5 V
		at 100%	130 A / 20.5 V
Duty Cycle (40°C ambient temperature)	MMA	at 20%	220 A / 28.8 V
		at 60%	150 A / 26 V
		at 100%	120 A / 24.8 V
Duty Cycle (40°C ambient temperature)	TIG	at 25%	220 A / 18.8 V
		at 60%	160 A / 16.4 V
		at 100%	150 A / 16 V
Wire-feed reel	speed	0.5 - 20 m/min	
		Four rollers (two motorised)	
Diameter of supported reels (Ø)		200 mm	200-300 mm
	Steel / Stainless steel	0.6 - 1.0 mm	
Wire diameter	Aluminium	0.8 - 1.2 mm	
	CuSi / CuAl	0.8 - 1.0 mm	
	Flux-cored wire	0.9 - 1.2 mm	
Welds with electrodes up to Ø		1.6 - 5 mm	
Protection rating		IP 23S	
Dimensions L x l x h		55 x 29 x 41 cm	61 x 32 x 49 cm
Weight		27 kg	30 kg
Original equipment	rollers	0.8/1.0 - B - steel, stainless steel	

Ordering information

NEOPULSE 220 C without accessories	061835
NEOPULSE 220 C XL without accessories	061842

NEOPULSE three-phase Pulse MIG/MAG



Three-phase NEOPULSE machines are suitable for all tasks: synergy-supported and pulsed welding, MMA and TIG welding, MIG brazing and air-arc gouging. These smart devices offer extremely accurate arc control, industrial welding capabilities (up to 500 A) and integrated traceability. They have been specifically designed to be as user-friendly as possible for welders.

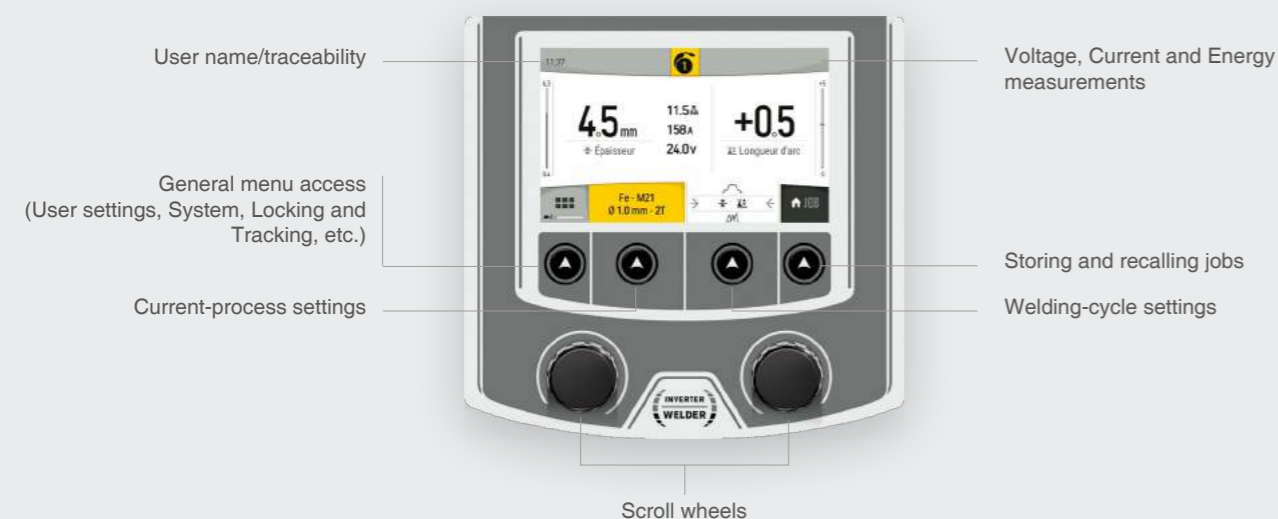


MADE IN FRANCE

- Accurate welding current up to 500 A
- Digital technology provides very precise arc control resulting in high-quality welds
- Three available models:
 - Compact (C)
 - Water-cooled model on a trolley (CW)
 - Machine only with optional, remote reel (G)
- The pulsed feature reduces heat input and minimises spatter
- Up to 160 pre-programmed synergy guidelines
- Six MIG/MAG welding modes:
 - **Dynamic:** Universal, high-speed mode
 - **Impact:** Concentrated arc with deep penetration
 - **Root:** Chamfered root pass
 - **Pulsed:** Easy to handle in any position with minimal spatter
 - **ColdPulse:** Spatter-free brazing
 - **Modular:** Featuring TIG welding with the productivity of MIG welding
- Compatible with wire diameters between Ø 0.6 -1.6 mm, depending on the application and model
- Traceability feature: Records all stages of the welding operation, bead by bead, during industrial production processes (EN ISO 3834)
- Portable: Backup the user jobs as well as the machine's configuration from a USB key.

4 models available

320 A	320 C	
400 A	400 CW	Integrated cooling unit
	400 G	Optional separate wire feeder
500 A	500 G	Optional separate wire feeder



Additional features

- Ultra-intuitive, 5-inch, colour user-interface
- Energy: displays and calculates energy usage after welding
- Calibrates the wire-feed speed and welding accessories (torch and cable, etc.)
- Can store up to 500 programs per process
- Update the machine and the synergies via a USB key
- Lockable interface to prevent involuntary changes
- Three individual display modes suitable for: Easy, Expert and Advanced users
- User-profile management means that the device can be used by many different welding professionals
- Pulsed MMA and TIG modes
- Arc gouging with a carbon electrode up to Ø 8 mm
- IP23 classification for wet environments
- Compatible Push-Pull Torch (24 V)
- Configurable to suit your use

Specifications

	320 C	400 CW	400 G	500 G	NEOFEED-4W
Power Supply	400 V 3 ph, 50/60 Hz				24 V / 1 A 48 V / 2 A
Fuse	32 A				-
Current range	10-320 A	10-400 A	10-400 A	10-500 A	-
Duty Cycle (40°C ambient temperature)	Imax 320 at 40%	-	-	500 at 50%	-
	at 60%	300 A	400 A	400 A	470 A
	at 100%	280 A	360 A	360 A	440 A
Wire-feed reel	cooled torch	air	air / liquid		air / liquid
		4 motorised rollers		NEOFEED-4W optional	4 motorised rollers
Wire-feed speed	1 - 22 m/min				1 - 22 m/min
Groupe froid	WCU 1kW C optional	built in 1 kW		NEOCOOL optional	-
Diameter of supported reels (Ø)	200-300 mm				200-300 mm
Wire diameter	Steel	0.6 - 1.2 mm	0.6 - 1.6 mm		0.6 - 1.6 mm
	Stainless steel	0.8 - 1.2 mm	0.6 - 1.6 mm	NEOFEED-4W optional	0.6 - 1.6 mm
	Aluminium	0.8 - 1.2 mm	0.8 - 1.6 mm		0.8 - 1.6 mm
	CuSi / CuAl	0.8 - 1.0 mm	0.8 - 1.6 mm		0.8 - 1.6 mm
	Flux-cored wire	0.9 - 1.6 mm	0.9 - 2.4 mm		0.9 - 2.4 mm
Welds with electrodes up to Ø	1.6 - 5 mm	1.6 - 6 mm	1.6 - 6 mm		-
Protection rating	IP 23			IP 23	IP 23
Dimensions L x l x h	68 x 30 x 55 cm	96 x 51 x 85 cm	68 x 30 x 42 cm		63 x 44 x 29 cm
Weight	36 kg	78 kg	28.5 kg	29 kg	19 kg
Original equipment	rollers	1.0/1.2 - F - steel, stainless steel		-	1.0/1.2 - F - steel, stainless steel

Ordering information

NEOPULSE 320 C without accessories	062474
NEOPULSE 400 CW without accessories	062061
NEOPULSE 400 G without accessories	014497
NEOPULSE 500 G without accessories	014503
Separate wire feeder NEOFEEED-4W without accessories	014527



Check out all the GYS synergies



Two-year warranty



Product sheet

NEOFEED-4W



The separate NEOFEED-4W wire feeder allows for precise configuration and control of the welding cycle. Its intuitive digital interface makes it easy to adjust the welding parameters. Its ultraprecise wire feeder offers manufacturers maximum productivity on all types of alloys.

- Compatible power sources:
NEOPULSE 320 C / 400 CW / 400 G / 500 G
- 170 synergies: Steel, AlMg, AlSi, CrNi, CuSi, CuAl, FCW
After entering three pieces of data: Wire diameter, material/gas, and thickness to be welded, the product automatically determines the optimal welding parameters
- Compatible with air and liquid cooled torches
- Storage of up to 500 different welding programs (Job) for reoccurring tasks
- Calibration mode for welding accessories to adjust the voltage readout
- Free online tool for interface customisation User mode to share the product with multiple users
- Traceability of all weld beads in accordance with EN 3834.
- Remote wire feeder settings with 2 optional remote controls (digital or analog)
- Viewing window to check the consumption of the filler wire
- Led lighting of the motor wirefeeder and the wire
- Push-Pull compatible torch (24 V / 42 V)



Equipped with a 100 W motor with four driven rollers.

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Two-year warranty



Product sheet

Specifications

Power Supply	Wire-feed speed	Type of roller
48 V - 2 A 24 V - 1 A	1 - 22 m/min	4 motorised rollers Ø 37 mm (Type F)
Duty Cycle (40°C ambient temperature)	Protection rating	Wire diameter
500 A at 60% 460 A at 100%	IP23	0.6 > 2.4 mm
Supported reels	Dimensions L x l x h	Weight
5 kg - Ø 200 mm 18 kg - Ø 300 mm	63 x 44 x 29 cm	19 kg

Ordering information

Separate wire feeder NEOFEED-4W without accessories

014527



HMI 5" = 127 mm

Double wire-feed

NEOFEED-4W (x2)



Pack, see page 89



The dual wire feeder saves a lot of time when the user regularly changes the wire. The intelligent welding machine automatically determines which wire feeder is active by simply pulling the trigger on the torch.

- Compatible power sources (optional NUM-2 kit required):
- NEOPULSE 400 G (014497)
- NEOPULSE 500 G (014503)
- Optional accessories:



Extender for double wire feeder (064690)



Trolley T/M 400 (037328)



Cooling unit TWINCOOL 1000 W - 5.5 L (065086)



NUM-2 kit to be installed in the power source (064942)



Connection cable (x2)

air		
1.8 m	70	071780
5 m	mm ²	047587
10 m		047594
10 m		047600
15 m	95	038349
20 m	mm ²	038431
liquid		
1.8 m	70	037243
5 m	mm ²	047617
10 m		047624
10 m		047631
15 m	95	038448
20 m	mm ²	038455

	Cooling unit WCU 1kW C	Rollers type B (x2)	Rollers type F (x4)	Earth cable (4 m)	Trolley	Skate trolley	MIG/MAG torch GRIP
	013537	original Ø 0.8/1.0 steel / stainless steel	original Ø 1.0/1.2 steel / stainless steel		037328	037717	Steel Alu
		Ø 1.0/1.2 alu 040915	Ø 1.0/1.2 alu 061903				

NEOPULSE 220 C Packs

							air	air
1	062801	■		■	043817 400 A - 35 mm ²		040700 250 A - 3 m	
2	062818	■	■		043817 400 A - 35 mm ²			040724 250 A - 3 m

NEOPULSE 220 C XL Packs

							air	air
1	062825	■		■	043817 400 A - 35 mm ²		040922 250 A - 4 m	
2	062832	■	■		043817 400 A - 35 mm ²			040724 250 A - 3 m

NEOPULSE 320 C Packs

							air	air
1	062849		■		036994 600 A - 70 mm ²		040946 350 A - 4 m	
2	062856		■	■	036994 600 A - 70 mm ²			040731 350 A - 3 m

							liquid	liquid
3	062863	■		■	036994 600 A - 70 mm ²	■	043275 300 A - 4 m	
4	062870	■		■	036994 600 A - 70 mm ²	■		040748 300 A - 3 m
5	063402	■		■	036994 600 A - 70 mm ²	■		

	Wire-feed reel NEOFEEED-4W	Wire-feed reel wheel kit	Cooling unit	Cable bundle	Rollers type F (x4)	4 m	Earth cable 4 m - clamp	Trolley	Kit Double wire-feed reel kit	Pallet trolley	MIG/MAG torch GRIP	NUM-2 kit
	014527	047020			original Ø 1.0/1.2 steel / stainless steel	400 A 50 mm ²	600 A 70 mm ²	800 A 95 mm ²	037328	064690	064621	Acier Alu
					Ø 1.0/1.2 alu 061903	047853	043831	047013				064942

NEOPULSE 400 CW Packs

1	071483				■							500 A - 4 m air 041004
2	071490				■	■						500 A - 3 m liquid 046160

NEOPULSE 400 G Packs

1	062887	■					5 m, air Ø 70 mm ² 047587	■					450 A - 4 m air 045392
2	072718	■				NEOCOOL 032750	10 m, liquid Ø 70 mm ² 047624	■					
3	072725	■				NEOCOOL 032750	10 m, liquid Ø 70 mm ² 047624	■					500 A - 4 m liquid 041004
4	062894	■				NEOCOOL 032750	10 m, liquid Ø 95 mm ² 047631	■					500 A - 4 m liquid 041004
5	072732	■				NEOCOOL 032750	10 m, liquid Ø 70 mm ² 047624	■	■				500 A - 3 m liquid 046160
6	062900	■				NEOCOOL 032750	10 m, liquid Ø 95 mm ² 047631	■	■				500 A - 3 m liquid 046160
7	066533	■ x2				TWINCOOL 065086	10 m, liquid Ø 95 mm ² 047631 (x2)	■	■				500 A - 4 m liquid 041004
8	066540	■ x2	■ x2			TWINCOOL 065086	10 m, liquid Ø 95 mm ² 047631 (x2)	■	■				500 A - 4 m liquid 041004

NEOPULSE 500 G Packs

1	062917	■					10 m, air Ø 95 mm ² 047600	■					450 A - 4 m air 045392
2	062924	■				NEOCOOL 032750	10 m, liquid Ø 95 mm ² 047631	■					500 A - 4 m liquid 041004
3	062931	■				NEOCOOL 032750	10 m, liquid Ø 95 mm ² 047631	■	■				500 A - 3 m liquid 046160
4	066557	■ x2				TWINCOOL 065086	10 m, liquid Ø 95 mm ² 047631 (x2)	■	■				500 A - 4 m liquid 041004
5	066564	■ x2	■ x2			TWINCOOL 065086	10 m, liquid Ø 95 mm ² 047631 (x2)	■	■				500 A - 4 m liquid 041004



ROBOTICS



Digital SAM
p.92



Analogue SAM
p.93



Wire feeders
p.94



Online
Configurator

SAM-1N

064935



Digital communication interface

The SAM-1N module is the digital communication solution between GYS automatable power sources and most robots, cobots, and PLCs on the market.



- 6 communication protocols available:
 - Ethernet IP
 - Modbus TCP
 - ProfiNet
 - EtherCAT
 - DeviceNet
 - CAN Open
- 90% of PLCs/robots/cobots are supported
- 3 parameter access modes: Job, Advanced and Full
- Plug and Play. Detection is automatic
- Compatible with GYS power sources:
 - EXAGON 400 FLEX
 - NEOPULSE 320 C
 - NEOPULSE 400 CW
 - NEOPULSE 400 G
 - NEOPULSE 500 G
 - TITAN 400 DC
 - TITANIUM 400 AC/DC

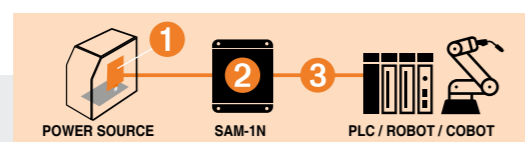
MADE IN FRANCE



Two-year warranty



Product sheet



1 Communication kits



NUM TIG-1 kit
037960

NUM MIG-1 kit
062993

2 SAM-1N (digital)
064935



3 ANYBUS connectors



Ethernet IP	062078
Profinet	062085
Modbus TCP	063013
DeviceNet	062092
CAN Open	062108
EtherCat	063006



SAM-1A

071940



Analogue / Digital communication interface

The SAM-1A module converts the internal communication language of GYS machines into digital (digital) and analogue input/output signals.



- Ideal for small or old installations and simple automation systems
- Digital: up to 4 inputs and 5 outputs
Analogue (0-10V): up to 4 inputs and 2 outputs
- Integrated SAFETY function
- 3 modes available:
 - MIG : JOB and Manuel
 - TIG : JOB and Tracking
 - Exagon : CV

MADE IN FRANCE



Two-year warranty



Product sheet

SMARTFEED



M4: DC motor
MB-PP: Brushless motor

SMARTFEED wire feeders are designed for robotic MIG-MAG welding applications. Optimised for most robots on the market, they maximise arm speed and work envelope through reduced volume and weight.

- Aluminium housing
- End-of-wire sensor connector
- 4 manual commands for maximum control:
- Wire feed, Wire retraction, Gas purge and Air purge
- Digital communication socket
- Motor with 4 driven rollers for precision wire feed from 0.6 to 2.4 mm
- 10 pin connector allows access to 4 additional inputs and 4 outputs for PLC options
- 11 optional mounting kits, compatible with 51 robot arms

M-4	48V DC motor (115 W)	Collision sensor connector
MB-PP	42V (100 W) brushless motor	24-pin connector for robotic push-pull torch and collision sensor

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

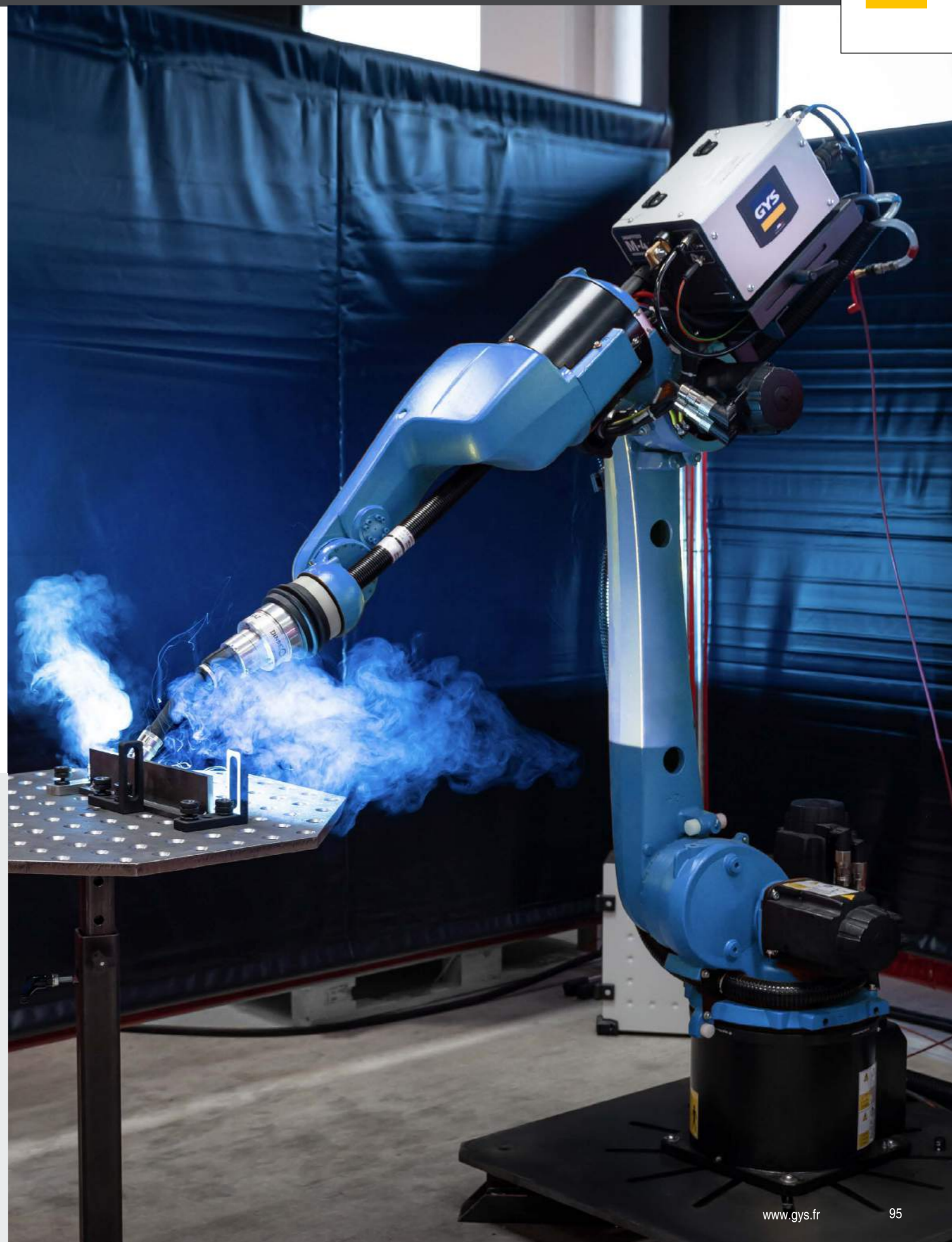
Power Supply	Wire-feed speed	Type of roller
48 V - 2 A 24 V - 1 A	1 - 25 m/min	4 motorised rollers Ø 37 mm (Type F)
Duty cycle (40°C ambient temperature)	Protection rating	Wire diameter
500 A at 60% 460 A at 100%	IP21	0.6 > 2.4 mm
Supported reels	Dimensions L x l x h	Weight
-	244 x 207 x 152 mm	4.5 kg

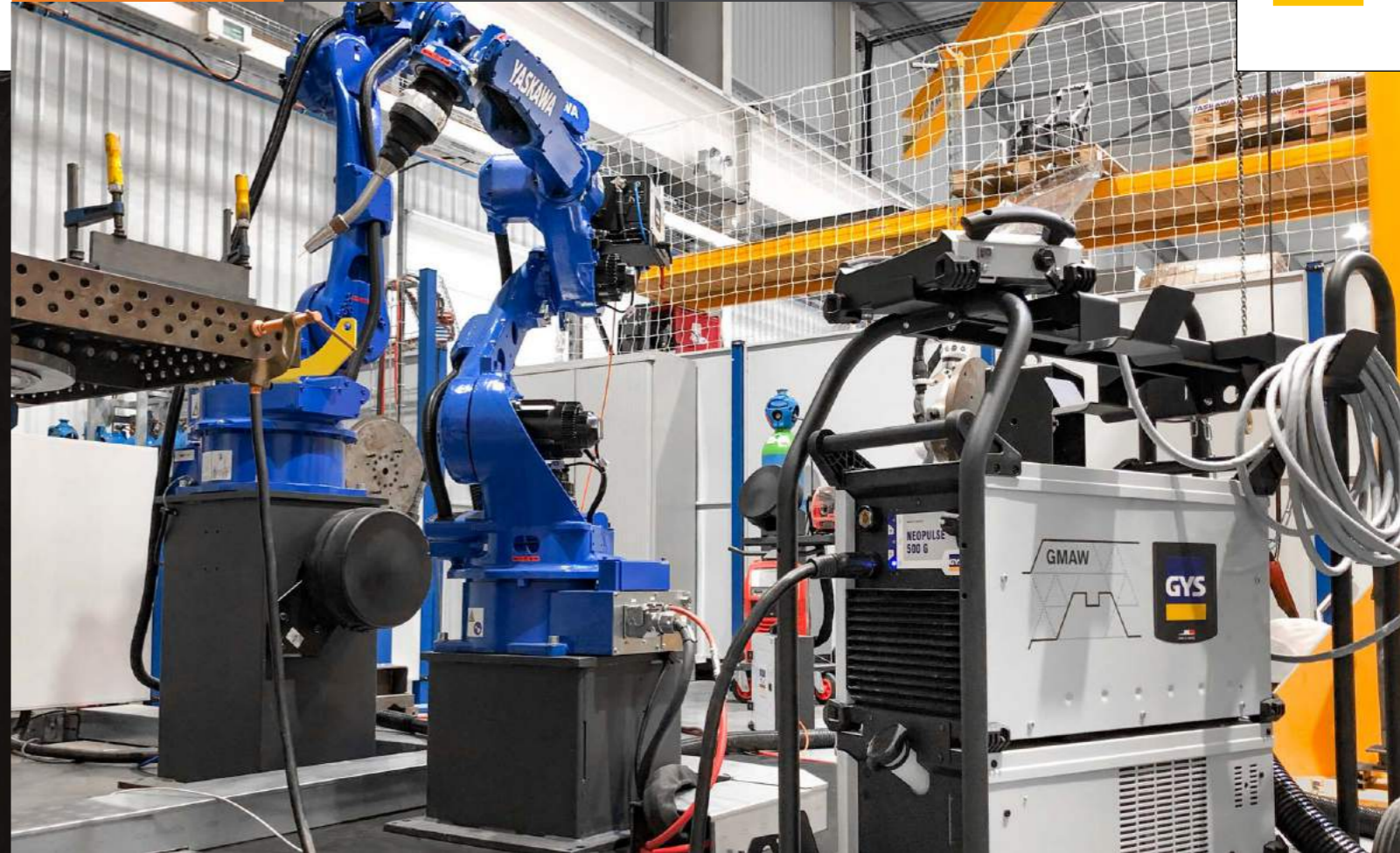
Ordering information

SMARTFEED M-4 wire feeder + 2 connectors 1 connector for end-of-wire sensor, and 1 connector for collision sensor	066618
SMARTFEED MB-PP wire feeder + 2 connectors 1 connector for end-of-wire sensor and 1 connector for push-pull torch control and collision sensor	073647



Back view





✓ ABB ✓ Dobot ✓ Doosan ✓ Fanuc ✓ Hanwha ✓ JAKA ✓ Kassow ✓ Omron ✓ Techman ✓ Kassow ✓ UR ✓ Kassow

Cobot packs	F-type rollers (x4) original Ø 1.0/1.2 steel / stainless steel	Cooling unit WCU 1kW C	Coolant 10 L	Earth cable 70 mm ² - 4 m	NUM MIG-1 kit	SAM-1N	Modbus TCP	Torch MIG/MAG GRIP	Cobot torch support (ISO-9409 A50)
		013537	052246	043831	062993	064935	063013	Steel	067752

COBOT NEOPULSE 320 C Packs

1	067905	■	■	■	■	■	■	■	air 040946 350 A - 4 m	■
2	067912	■	■	■	■	■	■	■	liquid 041004 500 A - 4 m	■

COBOT NEOPULSE 400 CW Packs

1	071506	■	■	■	■	■	■	■	liquid 041004 500 A - 4 m	■
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✓ ABB ✓ Fanuc ✓ Hyundai ✓ Kawasaki ✓ Kuka ✓ Stäubli ✓ Yaskawa

Robot packs	F-type rollers (x4) original Ø 1.0/1.2 steel / stainless steel	Cooling unit NEOCOOL	Trolley pallet	Earth cable 95 mm ² - 4 m	NUM-1 kit	NUM MIG-1 kit	Robotic beam 95 mm ² - liquid - 8 m
		032750		047013	063938	062993	069725
		Liquid coolant			11 m cable communication 036925	SAM-1N 064935	SMARTFEED M-4 066618
					RC-HD2 digital remote control 062122	Ethernet IP 062078	

ROBOT NEOPULSE 400 G Packs

1	071575	■	■	■	■	■	■
---	--------	---	---	---	---	---	---

ROBOT NEOPULSE 500 G Packs

1	071582	■	■	■	■	■	■
---	--------	---	---	---	---	---	---



EQUIPMENT



Cooling units
p.100



One-site cases
p.101



Trolleys
p.102

DEDICATED GROUPS



WCU 0.5kW A
48 x 16 x 23 cm
039490



KOOLWELD 1
56 x 22 x 30 cm
070820



Quick fastener for cooling unit
KOOLWELD 1 compatible
076006



WCU 1kW B
48 x 23 x 24 cm
032217



KOOLWELD 2
56 x 22 x 30 cm
075115



WCU 1kW C
68 x 23 x 30 cm
013537



EXACOOOL
68 x 23 x 30 cm
032422



NEOCOOOL
68 x 23 x 30 cm
032750



TWINCOOL
68 x 23 x 30 cm
065086
 for Double Wire-feed reel

AUTONOMOUS GROUPS



MULTICOOL 500
47 x 24 x 16 cm
069206



MULTICOOL 1300
70 x 28 x 39 cm
036628



Special welding coolant
5 L : 062511
10 L : 052246

	Cooling power (W)						Mains voltage	Tank capacity	Switch ON/OFF	Flow monitor connector	Compatibility	IP23	Weight
	200	400	600	800	1000	1300							
WCU 0.5kW A 039490	500						230 V 1 ph	1,5 L			TIG 220 DC PROTIG 221 DC	■	8 kg
KOOLWELD 1 070820	1000						24 V DC	5,5 L			TITANIUM 230 AC/DC FV TITAN 231 DC FV	■	14 kg
KOOLWELD 2 075115	890						400 V 2 ph	5,5 L			NEOMIG-I 400G / 500G	■	16.5 kg
WCU 1kW B 032217	1000						400 V 3 ph	3 L			TIG 300 DC	■	15 kg
WCU 1kW C 013537	1000						400 V 3 ph	5,5 L			TITAN 400 / TITANIUM / NEOPULSE 320 C	■	17 kg
EXACOOOL 032422	1000						400 V 3 ph	5,5 L			EXAGON 400 CC/CV	■	20 kg
NEOCOOL 032750	1000						400 V 3 ph	5,5 L			NEOPULSE 400 G / 500 G	■	20 kg
TWINCOOL 065086	1000						400 V 3 ph	5,5 L			NEOPULSE 400 G / 500 G	■	18 kg
MULTICOOL 500 069206	500						230 V 1 ph	1,5 L	■		Universal	■	8 kg
MULTICOOL 1300 036628	1300						230 V 1 ph	7 L	■	■	Universal	■	19 kg

One-site cases

	Inner dimension	Weight	With foams	With wheels	IP67	Product compatibility
	060432	19 x 35 x 50 cm	3.9 kg	■	■	PROGYS 180A / 183 E PROGYS 200A PFC PROGYS 200E FV CEL PROTIG 160 DC Lift / 161 DC
	077461	27 x 43 x 56 cm	9.5 kg	■	■	GYSARC 220 FV PROGYS 180A / 183 E PROGYS 200A PFC PROGYS 200E FV CEL PROGYS 220E FV CEL PROTIG 160 DC Lift / 161 DC PROTIG 201 DC / 221 DC PROTIG 200 AC/DC / 201 AC/DC EASYCUT 25, 40, K25





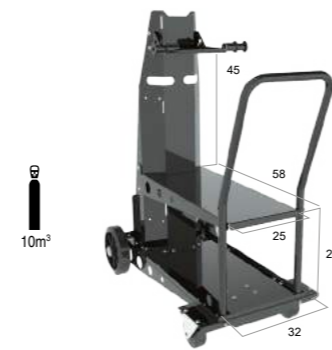
1 Skate
14 x 46 x 59 cm / 7,9 kg
040977



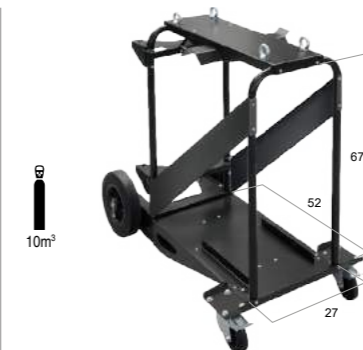
2 Skate + cable hanger
115 x 53 x 76 cm / 7,8 kg
037717



3 Skate
13 x 53 x 76 cm - / 7 kg
073593



13 10m³-XL/TM1
103 x 48 x 100 cm / 24,5 kg
041257



14 10m³-XL/TM2
91 x 54 x 96 cm / 32 kg
039711



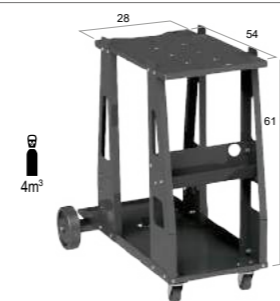
15 T/M 400 A
113 x 54 x 115 cm / 41,8 kg
037328



4 PLASMA 600
62 x 39 x 57 cm / 8,2 kg
040298



5 UNIVERSAL 800
139 x 48 x 62 cm / 17,6 kg
051331



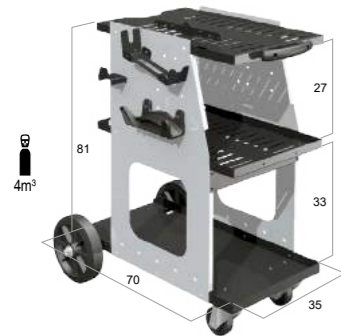
6 WELD 610
62 x 43 x 77 cm / 9,5 kg
040281



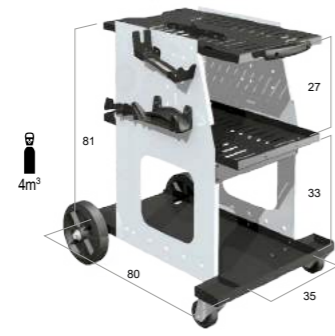
16 10M³ L
110 x 54 x 114 cm / 27,8 kg
075498



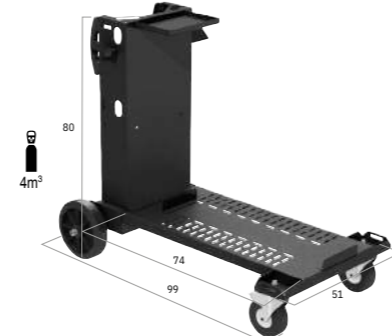
17 10M³ L + support
110 x 54 x 117 cm / 46,5 kg
077522



7 WELD 810
139 x 50 x 77 cm / 20,1 kg
037489



8 WELD 910
84 x 52 x 89 cm / 25 kg
070967



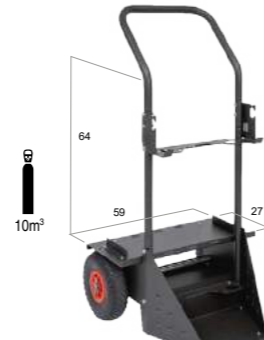
9 4M³ L
90 x 51 x 99 cm / 15 kg
071568



10 JOBSITE XL Trolley
118 x 61 x 60 cm / 18,3 kg
039568



11 Trolley 4m³
106 x 46 x 50 cm / 15,7 kg
015678



12 Trolley 10m³ XL
118 x 61 x 61 cm / 19 kg
076341

MMA	Compatibility
400 TRI	10 16 17
PROGYS FLEX 280 CEL	10
EXAGON 400	10 16 17

TIG	Compatibility
PROTIG 160 DC LIFT	6 7 10 11 12
TIG 161 DC	6 7 10 11 12 13
PROTIG 200 DC	8 9 10 12 14
PROTIG 201 DC FV	6 7 8 10 12 13
PROTIG 220 DC FV	8 9 10 12 14
PROTIG 221 DC FV	6 7 8 10 12 13
TIG 300 DC	7 8 9 10 12 14
TITAN 231 DC FV	10 12
TITAN 400 DC	2 10 16 17
TITAN 400 DC + WCU	15 16 17
PROTIG 200 AC/DC	6 7 8 10 12 13
PROTIG 201 (L) AC/DC	6 7 8 9 10 12 13 14
TITANIUM 230 AC/DC	12
TITANIUM 400 AC/DC	3 10 15

MIG-MAG	Compatibility
MULTIPEARL 210-2	6 7 8 9 10 13
MULTIPEARL 210-4 XL	6 7 8 9 10
MULTIWELD T-C	8 9 10 15
EXAGON 400	10 15 16 17
EXAGON 400 + EXACOOOL	15 17
NEOPULSE 220 C	8 9 10
NEOPULSE 220 C XL	8 9 10
NEOPULSE 320 C	9 10 15
NEOPULSE 320 C + WCU	2 3
NEOMIG-i 400G (+ KOOLWELD 2)	15 16
NEOMIG-i 500G (+ KOOLWELD 2)	15 16
NEOPULSE 400 G (+ NEOCOOL)	15 17
NEOPULSE 500 G (+ NEOCOOL)	15 17

CUTTING	Compatibility
EASYCUT K25	4 5 10
EASYCUT 30 FV	4 5
EASYCUT K35F	1 4 5 10
EASYCUT 40	4 5
CUTTER 45 CT	4 5
CUTTER 70 CT	2 3 10
NEOCUT 105 / 125	2 3 10

INDUCTION	Compatibility
37 LG	5

CUTTING



EASYCUT
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CUTTER CT
p.110



NEOCUT
p.112



Accessories
p.114



Cutter plasma
brochure

EASYCUT K25 & K35F

Built-in air compressor



With a cutting capacity of up to 15 mm, the EASYCUT K25 and K35F are manual plasma-cutting machines featuring an in-built compressor. With no need for an external air compressor, they are the ideal tool for any worksite job.

- The internal compressor eliminates the need for an external air compressor and filter
- Its arc-induced, non-contact ignition avoids electro-magnetic disturbances
- Equipped with a 4 m, quick disconnect torch complete with trigger safety device
- Enhanced protection for operating power units as well as enhanced protection against permanent overvoltage (up to 400 V)
- Thanks to PFC (Power Factor Correction) technology, the EASYCUT K35F can operate using very long power cables (over 100 m)



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

	K25	K35F
Power Supply	230 V 1 ph, 50/60 Hz	
Fuse	16 A	
Current range	10-25 A	10-35 A
Duty Cycle (40°C ambient temperature)	at 60% 15 A / 86 V	26 A / 90.4 V
	at 100% -	20 A / 88 V
Compressor (noise level)	60 -70 db	
Protection rating	IP 21S	IP 21
Dimensions L x l x h	41 x 20 x 36 cm	28 x 52 x 46 cm
Weight	15 kg	30 kg
Original torch	TPT 25 (4 m)	MT 35K (4 m)

Performances

		K25	K35F
Recommended cut (clean cut)	Steel	6 mm	10 mm
	Stainless Steel / Alu	4 mm	8 mm
Maximum cut (separation)	Steel	8 mm	15 mm
	Stainless Steel / Alu	6 mm	10 mm

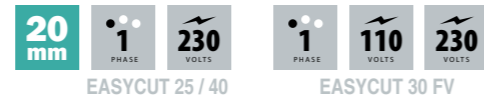
Ordering information

EASYCUT K25 with accessories TOPARC TPT 25 torch (4 m) and earth cable (2 m)	068063
EASYCUT K35F with accessories TOPARC MT 35K torch (4 m) and earth cable (2 m)	031036



EASYCUT

Ultra compact



The ultra-compact EASYCUT plasma cutters are ideal for easy cutting of all types of metal up to 20 mm thick. With a power rating of up to 40 A, they excel in precision cutting at low current. Ideal for the workshop, they offer true portability without sacrificing cutting performance.

- Compact and lightweight for excellent portability.
- Intuitive control panel with a single potentiometer to adjust the cutting intensity.
- HF-free arc ignition to avoid electromagnetic interference.
- Manual air pressure adjustment with bar graph on front panel.
- Equipped with a 4 m, disconnectable torch equipped with a safety device on the trigger to prevent accidental or unintentional ignition
- Its single-phase power supply with Flexible Voltage (FV) technology from 85 - 265 V even has built-in PFC technology for better mains operation
- Reinforced protection for operation on plasma cutters and against permanent overvoltage up to 400 V (only for version 30 FV)



MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

	EASYCUT 25	EASYCUT 30 FV		EASYCUT 40
Power Supply	230 V 1 ph, 50/60 Hz	230 V 1 ph, 50/60 Hz	110 V 1 ph, 50/60 Hz	230 V 1 ph, 50/60 Hz
Fuse	16 A	16 A	32 A	16 A
Current range	10-25 A	10-30 A		10-40 A
Duty Cycle (40°C ambient temperature)	at 60% at 100%	15 A / 86 V 10 A / 84 V	23 A / 89.2 V 20 A / 88 V	19 A / 87.6 V 15 A / 86 V
Recommended air-flow rate	115 L/min			
Recommended air pressure	2.5 > 6.5 bar	2.5 > 9 bar		2.5 > 6.5 bar
Protection rating	IP 21	IP 21S		IP 21
Dimensions L x l x h	42 x 15 x 30 cm	45 x 28 x 20 cm		42 x 15 x 30 cm
Weight	7.8 kg	11 kg		8 kg
Original torch	TPT 25 (4 m)	TPT 40 (4 m)		TPT 40 (4 m)

Performances

		25	30 FV	40
Recommended cut (clean cut)	Steel	6 mm	10 mm	15 mm
	Inox / Alu	4 mm	8 mm	12 mm
Maximum cut (separation)	Steel	8 mm	15 mm	20 mm
	Inox / Alu	6 mm	10 mm	15 mm

Ordering information

EASYCUT 25 with accessories TOPARC TPT 25 torch, (4 m) and earth cable (2 m)	065543
EASYCUT 30 FV with accessories TOPARC TPT 40 torch, (4 m) and earth cable (2 m)	013858
EASYCUT 40 with accessories TOPARC TPT 40 torch, (4 m) and earth cable (2 m)	029743



CUTTER 45 & 70 CT

Portable for industry



The professional quality CUTTER 45 CT (single phase) and 70 CT (three phase) plasma cutters are characterized by a metal cutting capacity of up to 35 mm thickness. The CNC interface and the automatic industrial torch AT-70 allow a mechanized operation.

- Its intuitive control panel has a single potentiometer to regulate the cutting voltage
- Three operating modes: cutting, trigger-locked cutting and perforated-sheet cutting
- Gouging with maximum shrinkage (Specific skid and nozzle in option)
- Pre-wired to be used on an automatic cutting table (optional CNC-1 analogue kit)
- Its arc-induced, non-contact ignition avoids electro-magnetic disturbances
- Manually adjust the air pressure (4.1 - 6.5 bar) and check the level on the bar graph display
- Its premium MT-70 torch is designed to withstand both shocks and heat (optional extra) Conception à refroidissement qui isole l'électronique
- IP23 classification for wet environments



MADE IN FRANCE



Two-year warranty



Product sheet



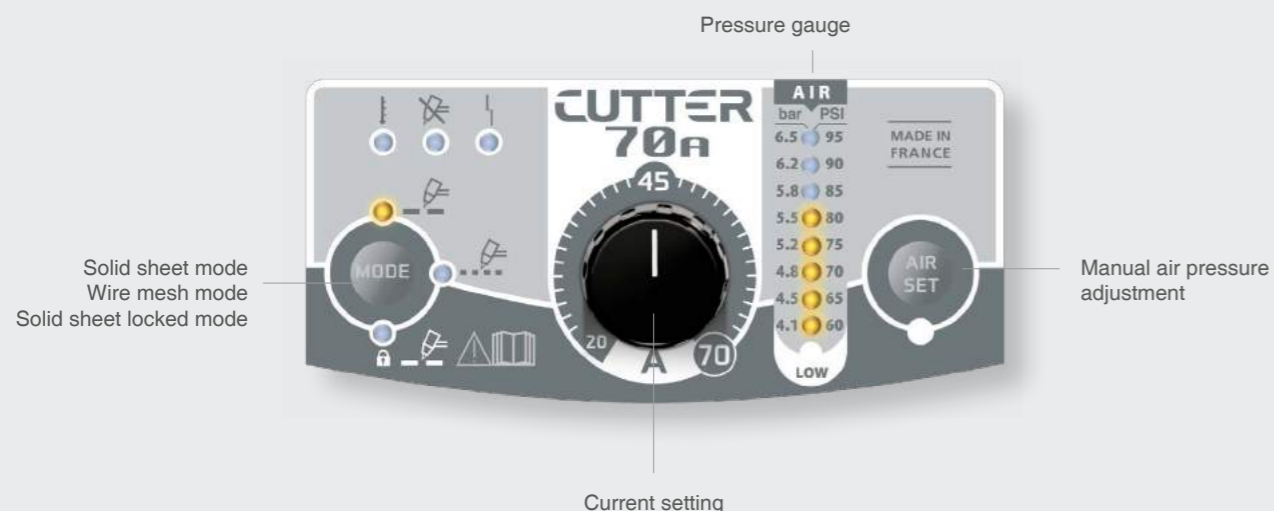
Performances

		45 CT*		70 CT
		230 V	110 V	400 V
Recommended cut (clean cut)	Steel	25 mm	10 mm	25 mm
	Stainless Steel / alu	15 mm	8 mm	18 mm
Maximum cut (separation)	Steel	30 mm	15 mm	35 mm
	Stainless Steel / alu	20 mm	10 mm	25 mm
Drilling	Steel	12 mm	5 mm	15 mm
	Stainless Steel / alu	6 mm	3 mm	12 mm
Gouging	Withdrawal rate	-	-	4.8 kg/h

* with torch MT-70

Specifications

	CUTTER 45 CT		CUTTER 70 CT	
	Cutting		Cutting	Gouging
Working mode	Cutting		Cutting	Gouging
Power Supply	230 V 1 ph, 50/60 Hz	110 V 1 ph, 50/60 Hz	400 V 3 ph, 50/60 Hz	
Fuse	16 A	32 A	16 A	
Current range	10-45 A	10-30 A	20-70 A	
Duty Cycle (40°C ambient temperature)	at 60%	41 A / 96.4 V	21 A / 88.4 V	70 A / 108 V
	at 100%	32 A / 92.8 V	17 A / 86.8 V	55 A / 102 V
Recommended air-flow rate	115 L/min	185 L/min	270 L/min	
Recommended air pressure	5 > 7 bar			
Protection rating	IP 23			
Dimensions L x l x h	48 x 37 x 23 cm		52 x 40 x 26 cm	
Weight	15 kg		22 kg	
Recommended manual torch	MT-70 (6 m) or TPT 40 (4 m)		MT-70 (6 m)	



CUTTER 45 CT CUTTER 70 CT



Ordering information

CUTTER 45 CT and earth cable (2 m)	014787
CUTTER 45 CT with accessories TOPARC TPT 40 torch, 4 m + earth cable, 2 m	013629
CUTTER 70 CT and earth cable, 4 m	013636
CUTTER 70 CT with accessories TOPARC MT-70 torch, 6 m + earth cable, 4 m	013841

NEOCUT 105 & 125



Offering high-capacity manual or mechanised cutting, the NEOCUT range is the ideal solution for industrial environments. Their 100% duty cycle up to 125 A allows them to cut parts up to 57 mm thick. Boasting automatic air-pressure management, they offer an excellent cutting quality over the consumables' entire service life.

- Automatically controls the air pressure and air flow according to the selected current
- Six operating modes: cutting, trigger-locked cutting, gouging, trigger-locked gouging, perforated-sheet cutting and marking
- Its marking mode is ideal for marking out and identifying parts
- Its arc-induced, non-contact ignition avoids electro-magnetic disturbances
- Pre-engineered for use on an automatic cutting table (optional analogue or digital CNC kit)
- The device has a counter that monitors the wear and tear of consumables (nozzle and electrodes)
- Easy, tool-free software updates using a USB cable
- OLED display screen and multilingual interface: easy to use, with all settings accessible from a single button



MADE IN FRANCE



Two-year warranty



Product sheet



Performances

		105	125
Maximum cut (separation)	Steel	50 mm	57 mm
	Stainless Steel / Alu	40 mm	
Cut recommended (clean cut)	Steel	35 mm	40 mm
	Stainless Steel / Alu	30 mm	
Drilling	Steel	20 mm	25 mm
	Stainless Steel / Alu	18 mm	
Gouging	Withdrawal rate	8 kg/h	12 kg/h

Additional features

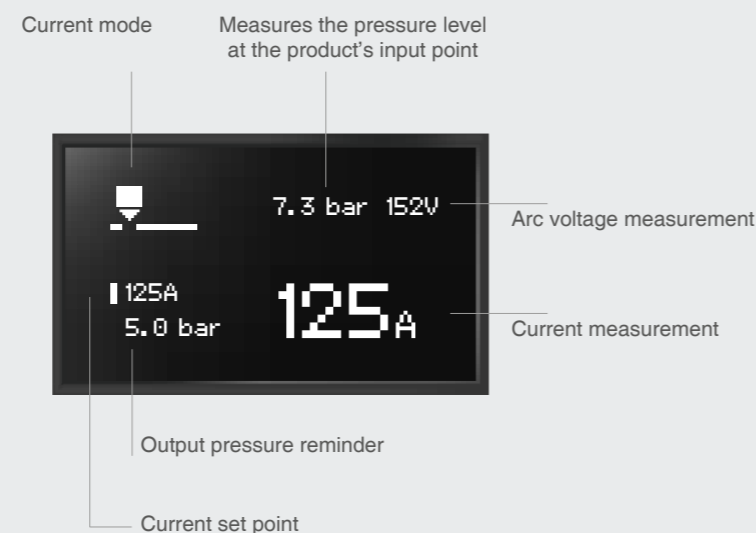
- Multilingual interface (EN, FR, DE, IT, ES, NL and RU)
- Its arc-induced, non-contact ignition avoids electro-magnetic disturbances
- Its MT-125 premium torch is designed to withstand shocks and heat (optional extra)
- Reinforced bodywork
- Two steel handles for easy moving and lifting
- IP23 classification for wet environments
- Hermetically sealed ventilation corridor to isolate electronic components from dust

Specifications

	NEOCUT 105		NEOCUT 125	
	Cutting	Gouging	Cutting	Gouging
Working mode				
Power Supply	400 V - 3 ph, 50/60 Hz		400 V - 3 ph, 50/60 Hz	
Fuse	32 A		63 A	
Current range	20-105 A		20-125 A	
Duty Cycle (40°C ambient temperature)	at 60%	-	105 A / 142 V	-
	at 100%	105 A / 122 V	90 A / 136 V	125 A / 130 V
No-load voltage	356 V			
Recommended air-flow rate	305 L/min (manual cutting)			
Recommended air pressure	5 > 9 bar			
Protection rating	IP 23			
Recommended power source	> 30 kW			
Dimensions L x l x h	69 x 40 x 61 cm			
Weight	33 kg		36 kg	
Standards	IEC 60974-1/10 A			
Recommended manual torch	MT-125			

Ordering information

NEOCUT 105 with earth cable (4 m)	063044
NEOCUT 105 with accessories TOPARC MT-125 torch (6 m) and earth cable (4 m)	063112
NEOCUT 105 with earth cable (4 m)	067431
NEOCUT 125 with accessories TOPARC MT-125 torch (6 m) and earth cable (4 m)	067448



Packs - EASYCUT K35F

		Earth cable	Manual torch	Trolley	Diffuser	Electrode	Tips	Nozzle
031036	2 m, 10 mm ²	MT-35K, 4 m	051331		x1	x3	x3	x1
Consumables kit 039964								

Torch - EASYCUT

Torch model	Series	Angle	Duty factor		Length	Consumables	Part Number	Compatibility
			60%	100%				
	TPT 25	75°	25 A (35%)	15 A	4 m	including	068087	EASYCUT K25 EASYCUT 25
	TPT 40		40 A	4 m	including	060753	EASYCUT 30 FV EASYCUT 40 CUTTER 45 CT	

Consumables - EASYCUT

Torch model	Diffuser (x2)	Electrode (x10)	Tips (x10)	Nozzle (x4)	Consumables box
MT 25K			040151	040182	MT 25K 039971
TPT 25				040182	TPT 25 070721
MT 35K	x1 040175	x3 040168	x3 040212	040229	MT 35K 039964
TPT 40				040236	TPT 40 039957

Packs - CUTTER CT / NEOCUT

	Couplings	Earth cable	Manual torch	Automatic torch	CNC Kit	Skate trolley	Diffuser	Electrode	Tips	Nozzle	Ohmic	Deflector

CUTTER 45 CT

	1	062962	■	2 m, 10 mm ²	MT-70, 6 m 037502				x1	x1	x1	x1	x1
	2	062979	■		MT-70, 12 m 037519				x1	x3	x3	x1	x1
	3	062986	■		AT-70, 12 m 037533	Analog 039988			x1 037557	x5 037564	x5 037571	x1 (Ohmic) 037618	x1 037649
										Starter kit			
										Consumables box 061613			

CUTTER 70 CT

	1	013841	■	4 m, 10 mm ²	MT-70, 6 m 037502				x1	x1	x1	x1	x1
	2	014589	■		MT-70, 6 m 037502				x1	x3	x3	x1	x1
	3	014596	■		MT-70, 12 m 037519				x1	x3	x3	x1	x1
	4	014619	■		AT-70, 12 m 037533	Analog 039988			x1 037557	x5 037564	x5 037588	x1 (Ohmic) 037618	x1 037649
										Starter kit			
										Consumables box 037540			
										Consumables box 037540			

NEOCUT 105

	1	063112	■	4 m, 16 mm ²	MT-125, 6 m 039506				x1	x1	x1	x1	x1
	2	065871	■		MT-125, 6 m 039506		037717		x2	x3	x6	x3	x3
	3	065888	■		MT-125, 12 m 039513		037717		x2	x3	x6	x3	x3
	4	065995	■		AT-125, 12 m 039520	125A 60%	Analog 039988		x1 039148	x5 039155	x5 039193	x1 (Ohmic) 039445	x1 039308
	5	068186	■		AT-125, 12 m 039520	125A 60%	Digital 064737		x1 039148	x5 039155	x5 039193	x1 (Ohmic) 039445	x1 039308
										Starter kit			
										Consumables box 064720			
										Consumables box 064720			

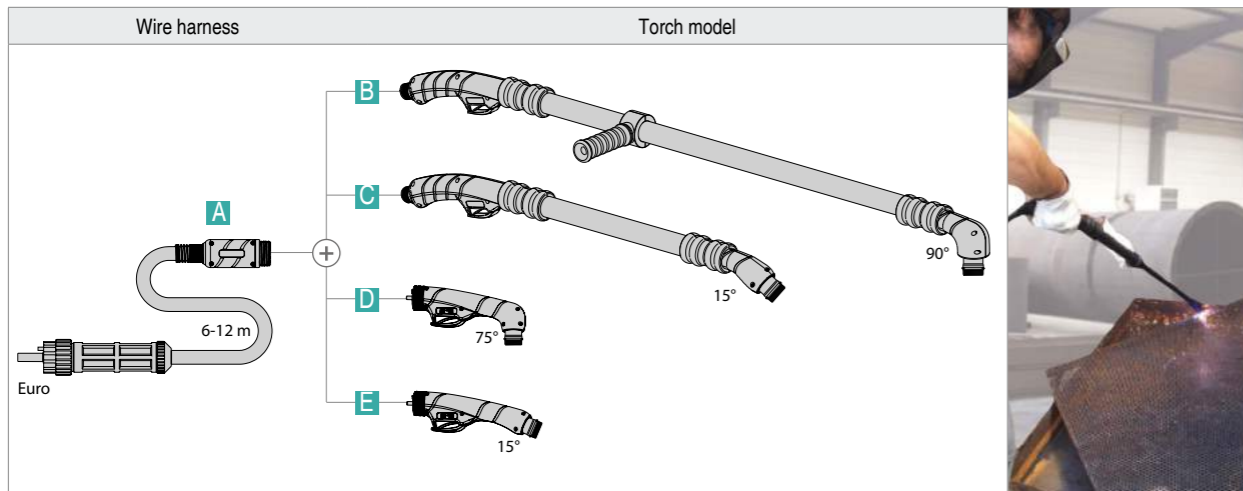
NEOCUT 125

	1	067448	■	4 m, 25 mm ²	MT-125, 6 m 039506				x1	x1	x1	x1	x1
	2	068193	■		MT-125, 6 m 039506		037717		x1	x3	x6	x1	x1
	3	068209	■		MT-125, 12 m 039513		037717		x1	x3	x6	x1	x1
	4	068216	■		AT-125, 12 m 039520	125A 60%	Analog 039988		x1 039148	x5 039155	x5 039209	x1 (Ohmic) 039445	x1 039308
	5	068223	■		AT-125, 12 m 039520	125A 60%	Digital 064737		x1 039148	x5 039155	x5 039209	x1 (Ohmic) 039445	x1 039308
	6	073463	■		AT-160, 12 m 067486	125A 100%	Analog 039988		x1 067509	x5 067493	x5 067554	x1 (Ohmic) 067585	x1 067608
	7	073470	■		AT-160, 12 m 067486	125A 100%	Digital 064737		x1 067509	x5 067493	x5 067554	x1 (Ohmic) 067585	x1 067608
										Kit de démarrage			
										Consumables box 039544			
										Consumables box 039544			

Torch - CUTTER CT / NEOCUT

Model	Series	Angle	Duty factor		Length	Consumables	Part Number	Compatibility
			60%	100%				
	TPT 40	75°	40 A		4 m	including	060753	CUTTER 45 CT
	MT-70	75°	70 A (50%)	50 A	6 m	not including	037502	CUTTER 45 CT
					12 m		037519	CUTTER 70 CT
					6 m		039506	NEOCUT 105
MT-125			125 A	105 A	12 m		039513	NEOCUT 125

Torch «EASYFIT»



Series	Model	Angle	Duty factor		Length		Consumables	Part Number	Compatibility
			60%	100%					
A	MT-70	-	-	-	6 m	-	not including	074668	CUTTER 45 CT CUTTER 70 CT NEOCUT 105 NEOCUT 125
	MT-125				12 m	-		074675	
B	MT-125	90°	125 A	105A	-	130 cm	not including	074644	NEOCUT 105 NEOCUT 125
		15°						074651	
C	MT-125	90°	125 A	105A	-	80 cm	not including	074620	NEOCUT 105 NEOCUT 125
		15°						074637	
D	MT-70	75°	70 A (50%)	50 A	-	-	not including	074583	CUTTER 45 CT CUTTER 70 CT
	MT-125		125 A	105 A				074606	NEOCUT 105 NEOCUT 125
E	MT-70	15°	70 A (50%)	50 A	-	-	not including	074590	CUTTER 45 CT CUTTER 70 CT
	MT-125		125 A	105 A				074613	NEOCUT 105 NEOCUT 125

Consumables - CUTTER CT / NEOCUT

Torch model	Caliber	Diffuser (x1)	Electrode (x5)	Tips (x5)	Nozzle (x1)	Cutting shield (x1)	Consumables box
MT-70	20-50 A	x1 037557	x3 037564 short	x3 x3 037571 short	x1 037601	x1 037625 short	20-50 A 061613
			x3 067189 long*	x3 067196 long*		x1 067219 long*	
	70 A	x1	x3 037564 short	x3 037588 short	x1	x1 037625 short	20-70 A 037540
			x3 067189 long*	x3 067202 long*		x1 067219 long*	
MT-125	Precision cut 45 A	039131	039155	039315	039216	039322	
	45 A	x1 039131	x3	x3 039162	x1 039216	x1 039230	45/65/85 A 039537
	65 A			x3 039179			
	85 A	x1	x3 039155	x3 039186	x1	x1	85/105 A 064720
	105 A	x1		x3 039193	x1	x1	105/125 A 039544
	125 A	x1	x3	x3 039209	x1	x1	
MT-70	Caliber	Diffuser (x1)	Electrode (x5)	Tips(x5)	Nozzle (x1)	Gouging shield (x1)	
MT-70	70 A	037557	037564	037595	037601	037632	
MT-125	Gouging	65-85 A	039131	039155	039261	039216	039254
		105 A	039148		039278	039223	
		125 A	039148		039285	039223	

* better accessibility (long cutting shield length: 30.1 mm, short cutting shield length: 20.4 mm)

Consumables «Difficult-access»

Torch model	Caliber	Diffuser (x1)	Electrode (x3)	Nozzle (x1)	Ring (x3)	Tips (x5)	Cutting shield (x1)	a	b
MT-70	20-45 A	037557	074682	074859	074897	074767	074910	76 mm	122 mm
						074774			
MT-125	Cutting	039131	074699	074866	074897	074767	074910	82 mm	131 mm
						074774			
						074781			
MT-70	Gouging	70 A	037557	074682	074859	074897	074798	074927	76 mm 122 mm
MT-125	Gouging	70 A	039131	074699	074866	074897	074798	074927	82 mm 131 mm
							074804		

Consumables «Flat cutting»

Torch model	Caliber	Diffuser (x1)	Electrode (x5)	Nozzle (x1)	Tips (x5)	Retaining ring (x2)
MT-70	40-70 A	074736	074705	074873	074811	074903
MT-125	40-70 A	074743	074712	074880	074828	
	80-125 A	074750	039155		074835	

Automatic torch for CUTTER CT / NEOCUT

Model	Series	Duty factor		Length		Ø	Consumables	Part Number	Compatibility
		60%	100%						
	AT-70	70 A (50%)	50 A	6 m	127 mm	Ø 35 mm	non inclus	071865	CUTTER 45 CT CUTTER 70 CT
				6 m	240 mm			037526	
				12 m				037533	
	6 m	Ø 35 mm	038479						
	12 m		NEOCUT 105 NEOCUT 125	039520					
	15 m			069787					
	20 m	069794							
	AT-125	125 A	105 A	6 m	240 mm	Ø 35 mm	non inclus	067479	NEOCUT 125
				12 m				067486	
				15 m				069800	
				20 m				069817	
	AT-160	160 A	125 A	6 m	240 mm	Ø 44.5 mm	non inclus	067479	NEOCUT 125
12 m				067486					
15 m				069800					
20 m				069817					

Consumables for automatic torch

Torch model	Calibre	Diffuser (x1)	Electrode (x5)	Tips (x5)	Nozzle tip (x1)	Ohmic nozzle tip (x1)	Shield cap (x1)	
AT-70	20-50 A	037557	037564	037571	037601	or	037618	037649
	70 A			037588				
AT-125	Precision cut 45 A	039131	039155	039315	039216	or	039339	037496
	45 A			039162				
	65 A			039179				
	85 A			039186				
	105 A			039193				
125 A	039209	039223	or	039445	039308			
AT-160	Precision cut 45 A	067509	037493	037516	-		067578	076945
	45 A			067523				
	65 A			067530				
	85 A			067547				
	105-125 A			067554				
	160 A			067561				067585

Accessories

	Dehumidifier filter 039728 Filter + cartridge 039735 Cartridge only
	Dust filter 046580 CUTTER 70 CT - NEOCUT 105/125
	RC-PLASMA Remote control ON/OFF switch for mechanised plasma torch 069596 CUTTER 45/70 CT - NEOCUT 105/125

Cutting guides

	Kit compas #1 040205 Torch compatible TPT 25 / TPT 40 / MT 25K / MT 35K / MT 45 040199 Guide carriage only
	Kit compas #2 037984 compatible with MT-70 / MT-125 torches 037977 Guide carriage
	Cutting / chamfering / guiding kit 038653 Torch compatible MT-70 / MT-125

Trolley

040977 EASYCUT K35F	073593 NEOCUT 105/125	037717 NEOCUT 105/125	040298 EASYCUT K25/K35F EASYCUT 30FV - 25/40 CUTTER 45 CT	051331 EASYCUT K25/K35F EASYCUT 30FV - 25/40 CUTTER 45 CT	039568 EASYCUT K25/K35F CUTTER 45 CT NEOCUT 105/125

CNC kits for CUTTER CT / NEOCUT

Analogue CNC-1 039988 CUTTER 45/70 CT NEOCUT 105/125	Digital CNC-2 064737 NEOCUT 105/125	Retrofitted digital CNC-3 068957 NEOCUT 105/125



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GYSPOT ARCPULL



The new GYSPOT ARCPULL arc-welding units weld all types of studs and concrete anchors up to \varnothing 13 mm (welding with ceramic protection either with or without gas shielding). Their secondary current regulation is particularly suitable for the industrial sector as it maintains perfect arc stability.

- Ideal for welding a variety of attachments: Steel or aluminium pulling rings, rivet-extraction rods, studs, studs with threaded inserts, steel or aluminium insulating pins
- Welding gun equipped with a unique, linear motor for unparalleled arc-height accuracy
- From 'synergy' welding mode (pre-set welding settings for quick and easy use) to expert welding mode (for full control of the welding cycle)
- Built-in memory (ARCPULL 700) can store up to 99 custom welding programs
- Multilingual interface (EN, FR, DE, IT, ES, NL and RU)
- Ideal for use with extension cables
- IP33 rating for wet and dusty environments (350 model)



MADE IN FRANCE



Two-year warranty



Product sheet



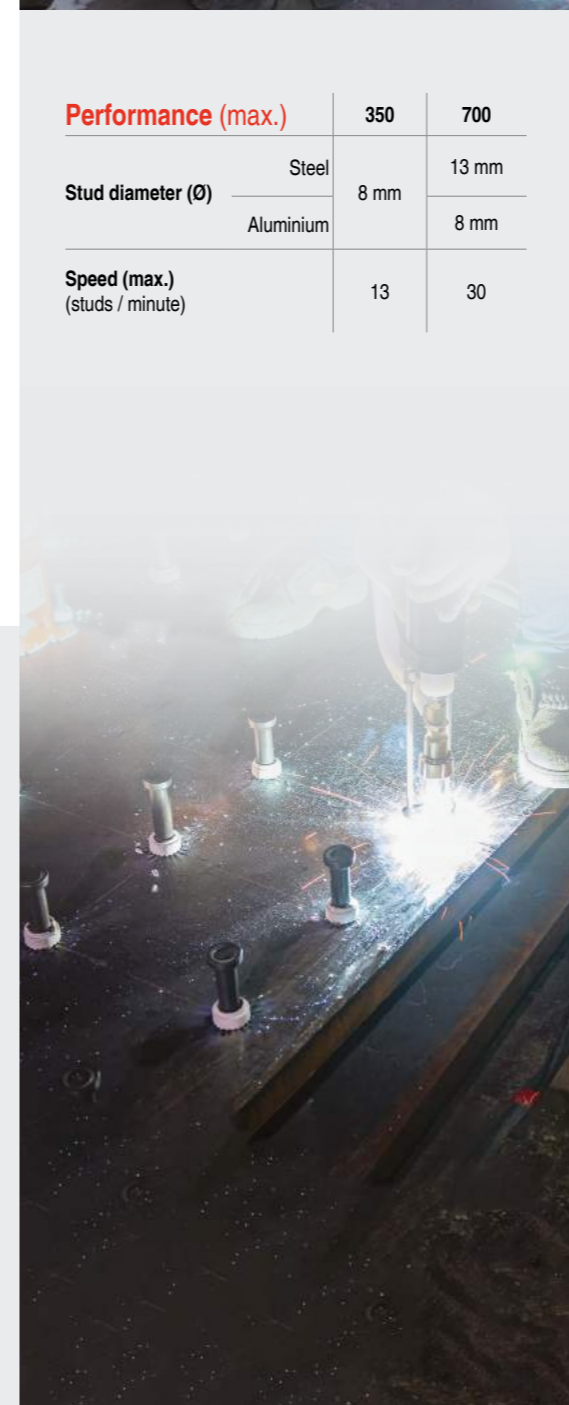
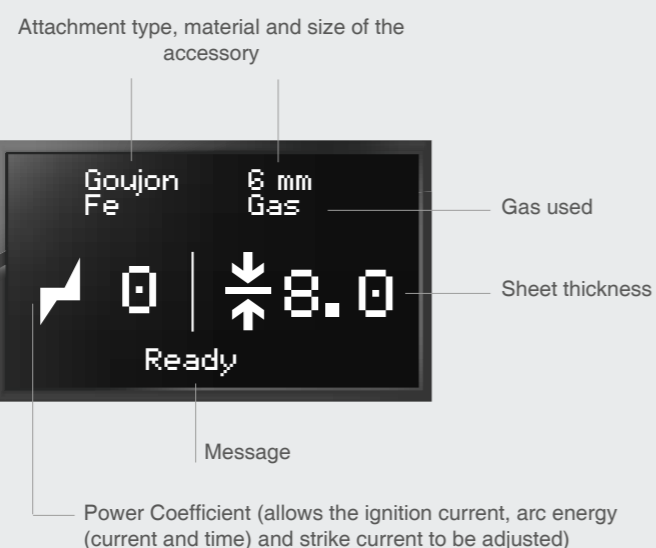
Performance (max.)	350	700
Stud diameter (\varnothing)	Steel	13 mm
	Aluminium	8 mm
Speed (max.) (studs / minute)	13	30

Specifications

	ARCPULL 350	ARCPULL 700
Power Supply	230 V - 1 ph, 50/60 Hz	400 V - 3 ph, 50/60 Hz
Fuse	16 A	20 A
Current range	10-350 A	50-680 A
Duty Cycle (40°C ambient temperature)	at 60% - at 100% 350 A / 34 V	- 680 A / 44 V
No-load voltage	100 V	80-95 v
Protection rating	IP 33	IP 23
Recommended power source	> 15 kW	> 30 kW
Dimensions L x l x h	23 x 31 x 28 cm	32 x 32 x 41 cm
Weight	11 kg	17.4 kg
Standards	IEC 60974-1/10 A	
Mains cable length	6 m	5 m
Wire bundle length (welding gun)	3 m	3 m
Weight (welding gun)	3 kg	3 kg

Ordering information

GYSPOT ARCPULL 350 Welding gun (3 m)	062191
GYSPOT ARCPULL 350 pack with accessories Welding gun (3 m) with stud chuck accessory box	064638
GYSPOT ARCPULL 350 pack with accessories Welding gun (3 m), stud chuck accessory box, double-clamp earth cable (3 m)	071438
GYSPOT ARCPULL 700 with accessories Welding gun (3 m), STANDARD 700 ceramic-fork consumables box and double-clamp earth cable (3 m)	062207





INDUCTION



POWERDUCTION
p.126



POWERDUCTION
p.128



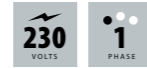
Accessories
p.130



Induction
brochure



POWERDUCTION 10R



An induction heater equipped with a spiral inductor, the POWERDUCTION 10R is the ideal tool for unseizing stuck parts. With a power level of 1,200 W, this compact and lightweight (3.5 kg) machine has a strap for carrying it over your shoulder. Characterised by a quick and simple, single-phase start-up procedure, this unit is the ideal on-site solution for all industrial applications.

- Compact and lightweight (3.5 kg)
- Mobile machine, can be carried over your shoulder
- Connect to the mains anywhere using a single-phase socket
- Quick start-up: just plug it in and get to work
- 1,200 W of power
- Comes in a carry case and is supplied with five inductors : 3 spirals, one braided and one flexible wire
- Optional decal-removal inductor (PN. 066601)

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	Power	Heater frequency	Cooling	Inductor cable
230 V, 1 ph, 50/60 Hz	16 A	1200 W	45-100 kHz	Air-cooled	1 m
Duty cycle (35°C ambient temperature)	Dimensions L x l x h	Weight	Protection rating	Standards	
1200 W = 2 min	23 x 14 x 10 cm	3 kg	IP21	IEC 60335-1	

Heating capacities (in seconds)

Nut		NC
Sheet thickness		NC
Metal rod: Ø 8 mm		10 s

Ordering information

POWERDUCTION 10R with accessories
Carry case, spiral wire Ø 18 mm, Ø 24 mm, Ø 30 m, flexible braided wire and straight solid wire 062504

POWERDUCTION 37LG



With a weight of 15 kg and a single-phase, 230 V power supply, the POWERDUCTION 37LG offers an excellent combination of power and mobility. With a power level of 3,700 W, it is especially recommended for use in car and cultivator workshops or for maintenance operations.

- Compact and portable (15 kg)
- Power: 3,700 W going up in 250 W intervals
- Heats the metal's core to a depth of 6 mm
- Duty cycle at max. power: 7 min
- Different types of optional inductors
- Liquid-cooled machine (1.5 l)

MADE IN FRANCE



Two-year warranty



Product sheet

Specifications

Power Supply	Fuse	Power	Heater frequency	Cooling	Inductor cable
230 V, 1 ph, 50/60 Hz	16 A	3700 W	15-30 kHz	Liquid (1.5 L)	2 m
Duty cycle (35°C ambient temperature)	Dimensions L x l x h	Weight	Protection rating	Standards	
3700 W = 7 min	45 x 28.5 x 25 cm	15 kg	IP21	IEC 60335-1	

Heating capacities (in seconds)

Nut : M10		1 s
Sheet thickness : 2 mm		5 s
Metal rod : Ø 10 mm		15 s

Ordering information

POWERDUCTION 37LG with fixed, 28S adaptor S90 heating inductor x1 056992

POWERDUCTION



Designed and manufactured entirely in France, the mobile POWERDUCTION range includes six products designed to carry out multiple applications. Offering distinct performance and usability levels, these POWERDUCTION machines can easily be used for cars, HGVs, construction work, bodywork, maintenance operations or industrial workshops.

- Very easy to use
- Up to 22,000 W of power
- Available as a single-phase or three-phase model
- Liquid-cooled products (7 L or 30 L)
- Pneumatic control foot pedal (except 39LG model)
- Timing mode: precisely adjust the heating time (1 - 30 seconds)
- Removable handle on some models increases the arm's manoeuvrability and makes it more comfortable to operate
- Different inductor types available to suit all part shapes that need to be heated
- Optimal heating power depending on the inductor used



Six available models



Heating capacities (in seconds)

	Size (nut)	Sheet thickness		Metal rod Ø 10 mm
		2 mm	4 mm	
39LG	1 s (M12)	5 s	NC	15 s
50LG	1 s (M14)	3 s	5 s	10 s
COMBI AUTO	1 s (M14)	3 s	5 s	10 s
110LG	1 s (M18)	2 s	4 s	7 s
160LG	1 s (M20)	2 s	4 s	5 s
220LG	1 s (M45)	1 s	3 s	4 s

Specifications

	39LG	50LG	COMBI	110LG	160LG	220LG
Power Supply	230 V - Single-phase, 50/60 Hz			400 V - Three-phase, 50/60 Hz		
Fuse	16 A	25 A	25 A	16 A	32 A	32 A
Power	3700 W	5200 W	5200 W	11 000 W	16 000 W	22 000 W
Heater frequency	20-60 kHz	20-60 kHz	20-80 kHz	20-60 kHz	20-60 kHz	25-50 kHz
Cooling	Liquid (7 L)			Liquid (7 L)	Liquid (30 L)	
Duty Cycle (40°C ambient temperature)	at 100%	15 min	continuous	continuous	continuous	continuous
Protection rating	IP 21					
Dimensions L x W x H	53 x 70 x 37 cm	59 x 88 x 59 cm		78 x 118 x 58 cm		
Weight	50 kg	70 kg	80 kg	150 kg		
Standards	IEC 60335-1					
Inductor cable	3 m	3 m	3 m	4 m	6 m	6 m 10 m

Ordering information

POWERDUCTION 39LG with a complete heating inductor (C20/B1)	058583
POWERDUCTION 50LG with a complete heating inductor (C20/B1)	055599
COMBINATION AUTO 50 LG with a heater inductor (C20/B1), glass inductor and a decal-removal inductor	065901
POWERDUCTION 110LG with an adaptor (32L) and a heating inductor (L90)	058590
POWERDUCTION 160LG with an adaptor (32L) and a heating inductor (L90)	057814
POWERDUCTION 220LG (6 m) with an adaptor (32L) and a heating inductor (L20/B4)	066861
POWERDUCTION 220LG (10 m) with an adaptor (32L) and a heating inductor (L20/B4)	074576



Two-year warranty



Product sheet

SMALL Ø16

INDUCTORS

Adapters / Inductors / Ferrites

*= Original equipment	S90 058927	S70 061569	S180 059269	S20/B1 (20°) 064874	S180/B1 064881	S180/B2 064928	S180/B3W 067899
37 LG	✓*			✓			✓
39 & 50 LG				✓ with 28S adapter			
110,160 & 220 LG				✓ with 32S adapter			

	S20/D20 078796	S90/D20 078871	S180/D20 069985
Ø 20	S20/D25 078802	S90/D25 078888	S180/D25 069992
Ø 25	S20/D30 078819	S90/D30 078895	S180/D30 070592
Ø 30	S20/D35 078826	S90/D35 078901	S180/D35 070608
Ø 35	S20/D40 078833	S90/D40 078918	S180/D40 070615
Ø 40	S20/D45 078840	S90/D45 078925	S180/D45 070622
Ø 45	S20/D50 078857	S90/D50 078932	S180/D50 070639
Ø 50	S20/D55 078864	S90/D55 078949	S180/D55 070646
Ø 55			
37 LG		✓ S180/D20, S180/D25, S180/D30, S180/D35	
39 & 50 LG		✓ with 28S adapter	
110, 160 & 220 LG		✓ with 32S adapter	
Protection kit for loop inductors 077386			

	S180 HEAT TUBE D37 078604	S180 HEAT TUBE D40 078611	S180 HEAT TUBE D50 078628
37, 39 & 50 LG			
110, 160 & 220 LG			✓ with 32S adapter

ADAPTERS	
28S M28 Ø16 064485	
32S M32 Ø16 064508	
37 LG	—
39 & 50 LG	✓ 28S M28 Ø16
110, 160 & 220 LG	✓ 32S M32 Ø16

28S/B type W for 39LG & 50LG 072497	32S/B type W for 110LG & 160LG 072503	L box 065796
Included: S20/B1 (x1) S180/B1 (x1) S180/B3 (x1) 28S (x1) B1 (x1) B3 (x1)	Included: S20/B1 (x1) S180/B1 (x1) S180/B3 (x1) 32S (x1) B1 (x1) B3 (x1)	Included: L70 (x1) L180 (x1)

Carriage for inductor for 32L adapter 075955	
	4 or 8 wheels

B1 053823	B2 053458	B3 067875	B4 053755	Spiral 069701
B1 056909	B2 056916	B3 072527	B4 054844	

Glue kit for inductor 075948	
	EA 9457 Two-component adhesive 150°C 054851

LARGE Ø32

INDUCTORS

Adapters / Inductors / Ferrites



*= Original equipment	L90 (90°) 059788	L70 (70°) 059771	L180 059795	L180/Spiral 065000	L20/B4 067882	L20 Alu Glove 069114
37 LG						
39 & 50 LG			✓ with 28L adapter			
110, 160 & 220 LG	✓ with 32L adapter*		✓ with 32L adapter		✓ avec adaptateur 32L*	✓ with 32L adapter

	L20/D60 078956	L90/D60 079106	L180/D60 069923
Ø 60	L20/D70 078963	L90/D70 079113	L180/D70 069930
Ø 70	L20/D80 078970	L90/D80 079120	L180/D80 069121
Ø 80	L20/D90 078987	L90/D90 079137	L180/D90 069947
Ø 90	L20/D100 078994	L90/D100 079144	L180/D100 069954
Ø 100	L20/D110 079007	L90/D110 079151	L180/D110 069961
Ø 110	L20/D120 079014	L90/D120 079168	L180/D120 069978
Ø 120	L20/D130 079021	L90/D130 079175	—
Ø 130	L20/D140 079038	L90/D140 079182	—
Ø 140	L20/D150 079045	L90/D150 079199	—
Ø 150	L20/D160 079052	L90/D160 079205	—
Ø 160	L20/D170 079069	L90/D170 079212	—
Ø 170	L20/D180 079076	L90/D180 079229	—
Ø 180	L20/D190 079083	L90/D190 079236	—
Ø 190	L20/D200 079090	L90/D200 079243	—
Ø 200			
37 LG			
39 & 50 LG		✓ with 28L adapter	
110, 160 & 220 LG		✓ with 32L adapter	
Protection kit for loop inductors 077386			

	L90 BRAZ 16 Ø 1/2" / 16 mm 076907	L90 BRAZ 28 Ø 1" / 28 mm 076921	L180 BRAZ 16 Ø 1/2" / 16 mm 076914	L180 BRAZ 28 Ø 1" / 28 mm 076938
*= Original equipment				
37, 39 & 50 LG				
110, 160 & 220 LG			✓ with 32L adapter*	
Protection kit for brazing inductors 077515				

	L180R X Production on request
37, 39 & 50 LG	—
110, 160 & 220 LG	✓ with 32L adapter

ADAPTERS	
28L M28 Ø32 064492	
32L M32 Ø32 064515	
37 LG	—
39 & 50 LG	✓ 28L M28 Ø32
110, 160 & 220 LG	✓ 32L M32 Ø32

C20/B1 (20°) 056862	C180/B1 (90°) 056879	C180/B2 (90°) 056886
*= Original equipment		
37 LG		
39 & 50 LG	✓*	✓
110, 160 & 220 LG		



Suitcase
CALIWELD
p.134

CALIWELD

EN 1090

EN 50 504

EN 60974-14



CALIWELD is the fast and efficient solution to comply with the normative framework of welding operations. With CALIWELD, simply connect the test case and a resistive load to your welding equipment to start the validation procedure. Only one technician is needed for this test, all test scenarios are automatically performed by the software; the guarantee of reliable and accurate results.

- 3 operating modes:
- Multimeter:** possibility to make QMOS/DMOS, to record the parameters of the welding leads and to visualize the measurement

Oscilloscope: allows to select 2 measurement channels, to visualize them and to record them on graph

Validation: allows to check and validate the product performances to meet the standard EN 50504 and EN 60974-14.

- Measures all welding related data (MMA, TIG and MIG/MAG):
 - Calculation of welding energy (kj/mm)
 - Voltage (V)
 - Current (A)
 - Gas flow (l/min)
 - Wire speed (m/min)
 - Gas flow (l/min)

MADE IN FRANCE



Two-year warranty



Product sheet



User-friendly interface

- Automatic and free updates via internet (new products, scenarios, etc.)
- Optional 550 A resistive load
- Very easy to use and requires only one qualified person
- More than 100 test scenarios created for GYS brand welding machines
- Intuitive software developed by GYS engineers
- Possibility to create your own scenarios for competing machines
- Delivers a validation certificate that is essential to attest the performance in correlation with the welding machine settings

Specifications

Power Supply		110/230 V 1 ph, 50/60 Hz
Measurement characteristics	Voltage	120 V AC/DC ± 0,5 %
	Current	500 A ± 0,5 %
	Wire speed	1 to 30 m/min ± 1 %
	Gas	1 to 30 l/min ± 5 %
Protection rating		IP 67
Dimensions L x l x h		21 x 43 x 57 cm
Weight		12 kg
Standards		IEC 61010

Ordering information

CALIWELD CGU 1.0 case + accessories
 Gas measuring hose (2 m) + USB 2.0 cable (1.5 m) + Remote control (2 m) + Power cable (2 m) + Voltage measuring cable (2 m) + Control cable (2 m) 060456



High accuracy thanks to the GYS multilingual software which limits human errors

PPPE



Clothing / gloves
p.138



Helmets
p.140



Reference	045101	045873	064164	045194	045323
Description	Welding gloves multi-purpose	Welding gloves reinforced	Welding gloves reinforced PRO	Soft welding gloves	Welding gloves PRO TIG
Size	10	10	9.5	10	10
Material	Bovine leather crust	Bovine leather crust	Bovine leather crust	Lamb grain leather	Cowhide leather Croute leather (cuff)



Reference	045224	037687
Description	Adjustable fire hood with Velcro®	Fireproof hood covering the shoulders
Size	Single	Single
Material	Flame retardant cotton	Flame retardant fabric: 60% modacrylic, 38% cotton, 2% antistatic fiber



Reference	064188	045910 (T9) 045927 (T10)	045903 (T9) 045934 (T10)
Description	Handling gloves	Handling gloves high resistance	Handling gloves high dexterity
Size	10	9 & 10	9 & 10
Material	Goat leather	Nylon knitted fabric	Nylon knitted fabric



Reference	037670	045231
Description	Adjustable with elastics	Adjustable with a Velcro strap
Size	Single (40 cm)	Single (45 cm)
Matter	Crusted leather	Crusted leather



Reference	073760 (S) 073777 (M) 073784 (L) 073791 (XL) 073807 (XXL)	046368 (S - 40/42) 046375 (M - 44/46) 046382 (L - 48/50) 076399 (XL - 52/54) 046412 (XXL - 56/58)
Description	Welder's jacket PRO with GYS logo	Welder's pants without GYS logo
Size	S - M - L - XL - XXL	S - M - L - XL - XXL
Material	74% coton, 25% polyester	98% coton, 2% antistatic fibres

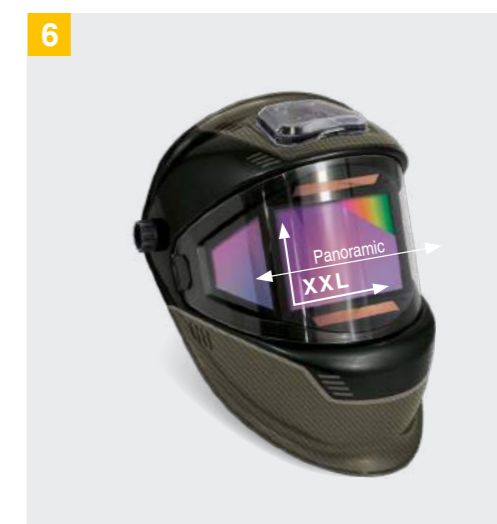
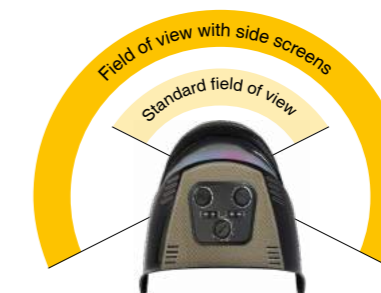


Reference	045200	045217
Description	Adjustable leather welding apron	Adjustable leather welding apron PRO
Size	Single	Single
Material	Crusted leather	Crusted leather. Harness assembly with straps. Kevlar® fiber stitching + chest pocket



Panoramic vision

Adopted by professional welders, side-shielded masks offer an extra-wide field of vision, up to 2 times larger than a standard hood. Peripheral hazards such as beams, obstacles and other workers are now easier to see through the 2 side windows.



	1 ERGOTECH +			2 ALIEN + XXL	3 GYSMATIC XL	4 GYSMATIC XXL	5 APOLLO +	6 PANORAMIC 3XL
Product reference	068674 (Black/Red)	068650 (Grey/Blue)	068667 (Black/Yellow)	068698	037908	037236	068681	037281
Field of view	100 x 67 mm			100 x 90 mm	100 x 60 mm	100 x 83 mm	100 x 67 mm 104 x 70 mm (latérales)	114 x 85 mm 68 x 80 mm (latérales)
Light sensor	4			4	4	4	4	4
Energy	☼ + 2 ⚡ (CR 2450)			☼ + 2 ⚡ (CR 2032)	☼ + 2 ⚡ (CR 2450)	☼ + 2 ⚡ (CR 2450)	☼ + 2 ⚡ (CR 2450)	☼ + 2 ⚡ (CR 2450)
Optical class	1 / 1 / 1 / 1			1 / 1 / 1 / 1	1 / 1 / 1 / 1	1 / 1 / 1 / 1	1 / 1 / 1 / 1	1 / 1 / 1 / 1
Light shade	3			3	4	4	3	3
Dark shade	5>9 9>13			5>9 9>13	5>9 9>13	5>9 9>13	5>9 9>13 (lateral: 5)	4>8 8>12 (lateral: 3>10)
Switching time light - dark	0.10 ms			0.10 ms	0.08 ms	0.10 ms	0.10 ms	0.15 ms
Time to return to light color (Delay)	0.15 to 0.8 sec.			0.15 to 0.8 sec.	0.1 to 0.9 sec.	0.1 to 0.9 sec.	0.15 to 0.8 sec.	0.15 to 0.8 sec.
Sensitivity and delay settings	potentiometers external			potentiometers interior	digital display	digital display	potentiometers interior	potentiometers external
Headband (comfort)	★★★★			★★★★	★	★★★	★★★★	★★
Weight	580 g			560 g	540 g	680 g	580 g	610 g

Respiratory protection system

The 2 GYS ventilated helmets are equipped with a ventilated respiratory protection system. 2 in 1, it protects the eyes from IR/UV during welding operations and preserves the operator's airways. A built-in audible and visual alarm indicates if the airflow in the hood is decreasing or if the battery is low. Easy to use and versatile, the filter unit is the key to respiratory protection in environments where dusty.



50x

less exposure to
welding fumes

The TH2 certified respirator system has a Nominal Protection Factor of 50, which means that when the respirator is used correctly, the wearer's exposure is reduced to a minimum of 1/50th. (TH3 filter optional, 065734)

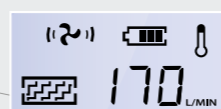
Comfort

- + Very light and compact for perfect ergonomics.
- + Padded belt that holds the motor close to the body..



Breathing tube

- + Quick connection and disconnection.
- + Fire retardant cover extends hose life and protects against flying sparks.



Digital display

Security

- + High efficiency TH2 filter absorbing hazardous dusts, fumes and mists.
- + Complies with the EN 12941 standard.

Ease of use

- + Electronic visual and audible alarm for low battery or abnormally low airflow.
- + Intelligent lithium-ion battery with fast recharge and no memory effect.

Characteristics of the filter unit

Level of protection	TH2 (TH3 in option)
Type	Filter TH2P R SL
Filter efficiency	99,996 % at 0,3 µm
Débit d'air	Level 1: 170 l/min Level 2: 200 l/min Level 3: 230 l/min
Autonomie	Level 1: > 8 h Level 2: > 6 h Level 3: > 4 h
Noise level	73 dbA max.

Charging time	4 h
Type of battery	Li-ion 11.1 V - 4400 mAh
Hose length	1 m
Belt size	90 > 130 cm
Dimensions	240 x 165 x 70 mm
Weight (filters, belt, battery)	1.7 kg



Product reference	065727	047846
Field of view	100 x 60 mm	100 x 83 mm
Light sensor	4	4
Energy	☀ + 2 🔋 (CR 2450)	☀ + 2 🔋 (CR 2450)
Optical class	1 / 1 / 1 / 2	1 / 1 / 1 / 1
Light shade	4	4
Dark shade	9>13	5>9 9>13
Switching time light - dark	0.08 ms	0.10 ms
Time to return to light color (Delay)	0.1 to 0.9 sec.	0.1 to 0.9 sec.
Sensitivity and delay settings	potentiometers interior	potentiometers interior
Headband (comfort)	★	★
Weight of the mask alone	580 g	680 g

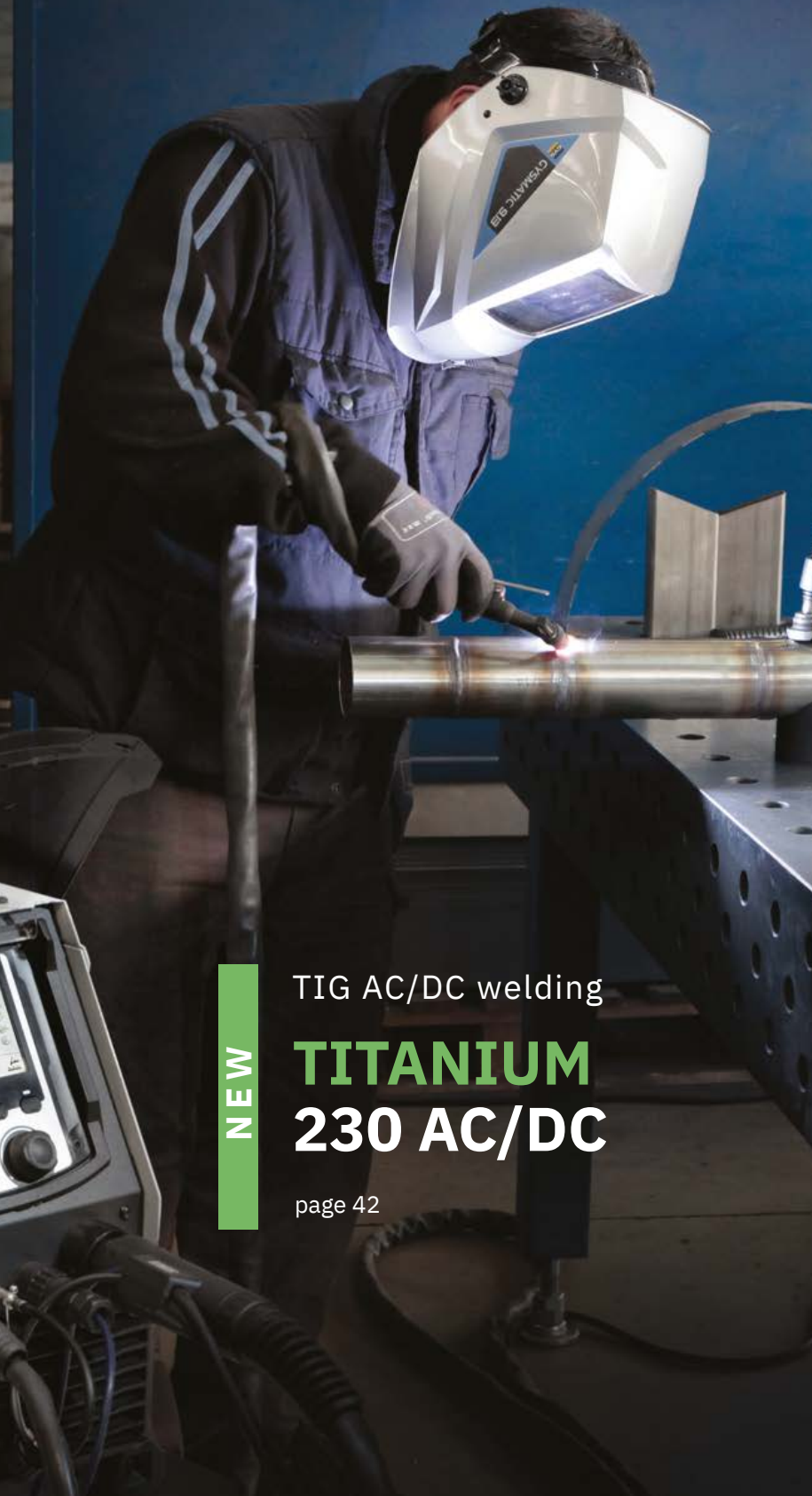
	GYSMATIC AIR G	GYSMATIC AIR XXL
Product reference	065727	047846
Field of view	100 x 60 mm	100 x 83 mm
Light sensor	4	4
Energy	☀ + 2 🔋 (CR 2450)	☀ + 2 🔋 (CR 2450)
Optical class	1 / 1 / 1 / 2	1 / 1 / 1 / 1
Light shade	4	4
Dark shade	9>13	5>9 9>13
Switching time light - dark	0.08 ms	0.10 ms
Time to return to light color (Delay)	0.1 to 0.9 sec.	0.1 to 0.9 sec.
Sensitivity and delay settings	potentiometers interior	potentiometers interior
Headband (comfort)	★	★
Weight of the mask alone	580 g	680 g



INVEST IN THE FUTURE



French manufacturer
since 1964



TIG AC/DC welding

NEW

TITANIUM 230 AC/DC

page 42

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