



Galaxy

The Pulse MIG welding revolution,
simplified by Innovation

State-of-the-art technology, Intuitive interface

The Galaxy series heralds a new generation of MIG/MAG welding machines, designed to simplify welding, and make advanced pulse welding technology more accessible than ever before.

These synergic multi-process machines break down long-standing technical barriers by offering an intuitive and easy-to-use interface, the product of GYS expertise in digital and arc control.

With a range of 7 pulse power sources, the GALAXY series is the innovative solution for the most demanding welding standards.

Multi-process

MIG-MAG

MMA

CORED WIRE

TIG Lift



250 A → 400 A

Galaxy

The power of GYS innovation

Pulse welding, favoured for welding aluminium and stainless steel, has been made accessible to everyone with the Galaxy range. This technology offers total control over the energy input during welding, producing precise, high-quality results, and increasing productivity even on the thinnest workpieces. Successful pulse welding produces an attractive, spatter-free weld bead, which saves valuable time by eliminating the need for any finishing tasks.

Through investment in research and development, GYS makes this advanced technology accessible via simplified settings, delivering excellent results for even the most inexperienced welder.

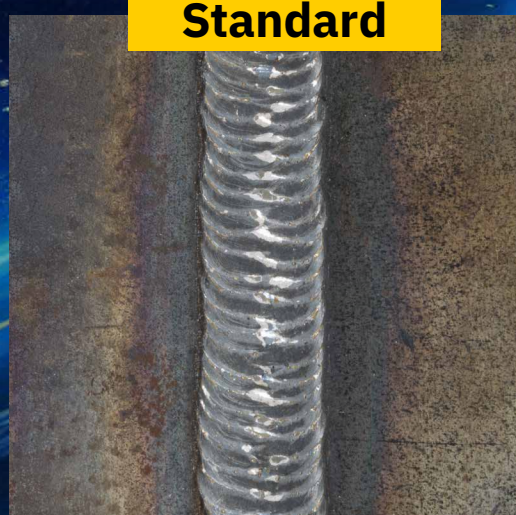
Flawless welds in all modes

Pulse



23 synergies

Standard



30 synergies

Easy Mode

Designed for instant access

The synergic Easy mode has been designed to give you a highly intuitive, smooth and effective 2-step experience.

1 From the main menu, all you need to do is set three essential parameters:

- material/gas combination,
- wire diameter,
- welding mode.

2 Then fine-tune the settings by adjusting:

- the thickness of the material,
- the arc length,
- the inductance.

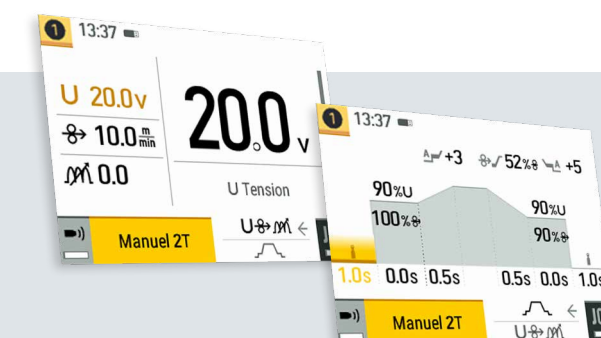
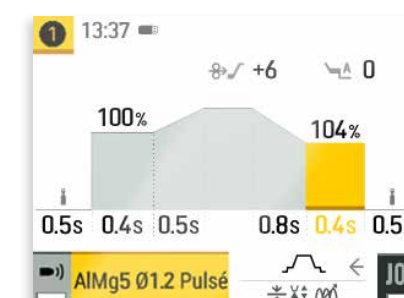
The power source then automatically adjusts and manages hundreds of variables in the background to ensure that your arc is always stable, and your weld is always precise.

Simplicity, efficiency and impeccable results with every weld - that is what Easy mode is designed to achieve.



More settings?

The Expert synergic mode gives total control over your welding parameters. It allows you to manually adjust all the stages of the welding cycle for complex projects or specific materials.



Manual Mode

Because some projects require a more specific approach, Manual mode (non-synergic) offers total control over the settings. This is the ideal solution for experienced users who need to control each parameter independently.

ModulArc double pulse

TIG appearance, MIG productivity

ModulArc (or double pulse) is the preferred solution for professional users who demand flawless weld quality in all circumstances. Thanks to its intuitive synergetic adjustment, you simply need to adjust the pulse frequency for maximum productivity, or for easier welding in any position/ orientation. For the most experienced users, Expert mode offers direct access to advanced ModulArc parameters, allowing total control of the complete process.



Perfectly suited to all welding positions

Better control of the weld pool, even in difficult positions (vertical or overhead).



Aesthetically impeccable

The double pulse process produces an aesthetic appearance comparable to that of a TIG weld, creating a high quality finish for when the weld is visible.



Optimised pulsed arc

The ultra-stable, high-pressure electric arc makes it easier to produce quality welds, more quickly and with less risk of defects, even for inexperienced welders.



Total thermal control

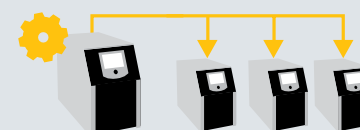
Precise heat management reduces the risk of deformation and discolouration of heat-sensitive materials, even on thin workpieces.

Ergonomics & Functionality

6 essential tools

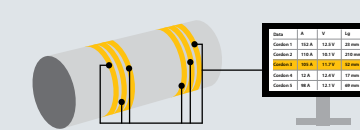
Quickly sequencing stored programmes, creating an identical configuration for an entire machine fleet, recording all welding data and storing it electronically, these are all essential criteria in stringent production environments.

Full portability



A standard USB stick is all you need to configure a fleet of several GALAXY units.

Weld bead traceability*



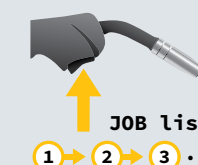
Record each weld bead together with all the relevant data, ensuring compliance with applicable standards (DMOS/QMOS).

Software update



Update via USB, so you can easily introduce new features without having to return to the factory.

Accessible jobs



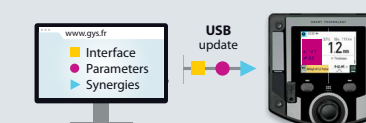
Programmed sequences (JOB'S) can be activated instantly simply by pressing the trigger on the torch.

Account management*



The user mode allows each welder to have their own configuration and customised settings.

Interface customisation



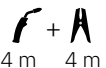
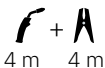
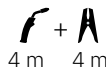
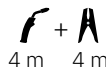
Free web tool for customising the interface: adding a logo, restricting access to specific processes, etc.

* Functions can be activated via interface customisation.

250 A → 400 A

Power sources with integrated wire feeder



		Portable				
		GALAXY 250M C	GALAXY 250M	GALAXY 320T	GALAXY 400T W	GALAXY 400T DUO
		230 V - 1~	230 V - 1~	400 V - 3~	400 V - 3~	400 V - 3~
Current range	MIG MAG	10 > 250 A		10 > 320 A		15 > 400 A
	MMA	20 > 250 A		20 > 320 A		20 > 400 A
	TIG	10 > 250 A		10 > 320 A		20 > 400 A
Duty Cycle MIG / MAG	Imax	250 A at 20 %		320 A at 35 %		400 A at 35 %
	60%	150 A		260 A		300 A
Integrated cooling unit		—		—	✓	—
Wire feeder	Integrated	✓		✓	✓	✓
	Separate	—		—	—	option
Wire diameter (mm)	Steels	Ø 0.6 > 1.0		Ø 0.6 > 1.0		Ø 0.6 > 1.2
	Aluminium	Ø 0.8 > 1.2		Ø 0.8 > 1.2		Ø 0.8 > 1.2
	Cored	Ø 0.9 > 1.2		Ø 0.9 > 1.6		Ø 0.9 > 1.6
Weight		27 kg	45 kg	46 kg	70 kg	55 kg
With accessories		084858  4 m 4 m	082113  4 m 4 m	086838  4 m 4 m	086845  4 m 4 m	
Without accessories				080997	080836	080850

400 A

Power sources with separate wire feeder



Increase your productivity

Two welding torches and two spools of wire in a single welding system.

The GALAXY 400T DUO offers the option of adding a separate wire feeder in addition to its integrated wire feeder, to accommodate 2 different materials or 2 different wire sizes.

		Modular		
		GALAXY 400T G	GALAXY 400T W	GALAXY 400T DUO
		230 V - 1~	400 V - 3~	400 V - 3~
Current range	MIG MAG		15 > 400 A	
	MMA		20 > 400 A	
	TIG		20 > 400 A	
Duty Cycle MIG / MAG	Imax		400 A at 35 %	
	60%		300 A	
Integrated cooling unit		—	✓	—
Wire feeder	Integrated	—		✓
	Separate	option		option
Wire diameter (mm)	Steels		Ø 0.6 > 1.2	
	Aluminium		Ø 0.8 > 1.2	
	Cored		Ø 0.9 > 1.6	
Weight		55 kg	68 kg	55 kg
Without accessories		080829	080843	080850

Dual interface = Total control



Designed for maximum user convenience, the dual-interface design is ideal for easy adjustment when the wire feeder is suspended or inaccessible.

Separate wire feeders WF 36 / WF 51

Power and precision

The WF 36 and WF 51 separate wire feeders offer top-level performance with an exceptional duty cycle of 60% at 500 A. Their encoder-controlled 4-roller system ensures smooth, jolt-free delivery, no matter what type of wire is used. The WF 36 is the ideal choice for standard industrial applications, combining reliability and simplicity. For even more intensive requirements, the WF 51 combines power, stability, and robustness, perfectly suited to intensive working environments or specific application conditions.



082502



085954

WF 36	WF 51
3.5" digital LCD display	5" digital LCD display
	
4 roller feeder (type B)	4 driven roller feed motor (type F)
 50 W	 100 W
External interconnection cable connections	Protected interconnection cable connections
	
	Internal lighting + Side inspection window
	4 rings for suspension
	Push-Pull torch compatible (24V)

The essentials

Accessories



MIG-MAG Torches

				Contact tip	Nozzle	Compatible			
MIG 350	Steel	●	Air	340 A (60%)	Ø 1.2 mm	Ø 16 mm	4 m	063792	320T
	Aluminum	●					3 m	063808	
MIG 450	Steel	●	Liquid	450 A (60%)	Ø 1.2 mm	Ø 19 mm	4 m	087613	400T G / 400T DUO
MIG 500	Steel	●					4 m	081147	400T GW / 400T W
	Aluminum	●					3 m	081154	

Earth cables				
				
Croco		Compatible		
M400.70	300 A (60%)	3 m	043817	320T
M600.95	400 A (60%)	4 m	036994	400T / 400T W / 400T DUO

Rollers			
			
		Type B (x2)	Type F (x4)
Steel / Stainless steel	Ø 0.6 / 0.8	042353	061859
	Ø 0.8 / 1.0*	042360	061866
	Ø 1.0 / 1.2**	046849	061873
Aluminum	Ø 0.8 / 1.0	042377	061897
	Ø 0.8 / 1.2	040915	061903
Flux-cored wire	Ø 0.9-1.0 / 1.2	042407	-
	Ø 1.2 / 1.6	-	080621
* Original rollers for GALAXY 250M / 250M C			
** Original rollers for GALAXY 320T / 400T W / 400T DUO / WF 36			

Jobsite XL	
Transport trolley 039568	
	
Ideal for GALAXY 250M C	
OPTION 039551 4 m³	

Flowmeter kit	
3-30 L/min 073395	
	
☒ WF 36 ☒ WF 51	

Interconnection cables for wire feeders

Air



5 m	70 mm²	075443
10 m		075450
10 m	95 mm²	077553

Liquid



1.8 m	70 mm²	075467
5 m		075474
10 m		075481
10 m	95 mm²	075504



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since 1964



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