

MIG/MAG
PULSE WELDER
Galaxy
Range

GYS

Pulse, Simplified

EUROPE'S
LARGEST
MANUFACTURER
OF WELDING
MACHINES

invest in the future

Pioneering Innovation, Intuitive Control

The Galaxy series represents a new generation of Pulse MIG/MAG welders, designed to simplify Pulse welding and make advanced technology more accessible to a broader range of professionals. These welders break through the traditional barriers of complexity by offering an intuitive, easy-to-use interface, powered by GYS's expertise in technical innovation.

The latest developments from the R&D Centre in France and advanced software have resulted in a series that blends cutting-edge Pulse technology with ease of use, delivering professional-grade performance to welders of all skill levels.





Powered by R&D: The Galaxy Advantage

The Galaxy series tackles common challenges in Pulse welding, particularly with materials like aluminium and stainless steel, which are sensitive to heat input. The minimal heat generated by Pulse MIG/MAG welding reduces the risk of distortion and discolouration, enabling precise, high-quality results even with thin materials. GYS's investment in R&D has made it possible to offer this advanced technology with a simplified setup, ensuring that even less experienced welders can achieve excellent results.

SINGLE-INPUT CONTROL

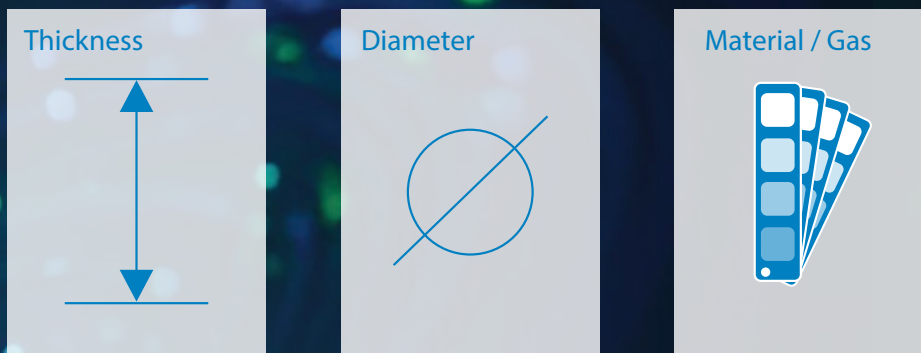
At the core of the Galaxy series is its innovative Single - Input Control system. With just three basic inputs-wire diameter, material/gas type, and thickness - users can easily set up the machine for optimal performance. This simplicity makes the Galaxy series accessible to a wide range of users. Simplifying control offers many real-world advantages, enabling users to achieve the best results from this technology easily and quickly. Easy Mode allows for fast, precise adjustments, while Expert Mode provides the flexibility for users to fine-tune settings for specific applications.

Customise the screen with your company logo



EASY MODE

Galaxy automatically sets optimal settings with just three data points:



Simple, single-input control

2 display modes:

- Easy, streamlined interface for welders of all levels. No in-depth training required.
- Expert, dedicated interface for more experienced welders, with the option of adjusting all the parameters of the welding cycle.

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Controlled Welding



4 WELDING MODES:

DYNAMIC STANDARD

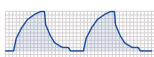
Universal mode, high speed, very compact



- Fully controlled and adaptive short circuit speed for easy welding
- Reduces globular phase and increases speed
- Quality weld in all positions
- Ideal for root passes on carbon and stainless steels
- Low spatter rate
- Excellent arc stability
- Range of use: 0.8 mm to 30 mm and more

PULSE

Easy to control in all positions, low spatter



- High quality joints with minimal finishing
- More concentrated, lower heat input into the workpiece
- Less distortion
- No final bead crater and no cold weld
- TIG appearance weld beads with 5 times higher productivity
- Excellent arc stability
- Application range: 0.8 mm to 30 mm and more

MODULARC

TIG appearance MIG productivity



- Excellent welding quality in all positions
- Aesthetically superior weld beads
- Excellent control of heat input
- High productivity on aluminium
- Improved weld pool control for better operator comfort
- Range of use: 0.8 mm to 30 mm and more

MANUAL

Simple and effective
Suitable for all wire



- Fully controlled and adaptive short circuit speed for easy welding
- Reduces globular phase and increases speed
- Quality weld in all positions
- Ideal for root passes on carbon and stainless steels
- Low spatter rate
- Excellent arc stability
- Range of use: 0.8 mm to 30 mm and more

Galaxy Pulse: Simplifying Exceptional Results

Pulse MIG/MAG welding is not only ideal for materials like aluminium and stainless steel, but it also offers significant reductions in spatter on steel, meaning less time spent on post-weld cleaning and finishing. The Galaxy series opens up the advantages of Pulse welding to a wider audience, making it possible to achieve superior results with minimal setup time and less complexity.

Synergies

				GALAXY 220 / 250 / 320								GALAXY 400							
				STANDARD				PULSE				STANDARD				PULSE			
Welding mode				0,8				0,8				0,8				0,8			
Wire diameter				1,0				1,0				1,0				1,0			
Welding position				1,2				1,2				1,2				1,2			
Synergy code				1,6*				1,6*				1,6				1,6			
				PB				PB				PB				PB			
				708	710	712	716	508	510	512		708	710	712	716	508	510	512	516
STEEL	101	Fe Ar Co2 15-20%	M21	✓	✓	✓		✓	✓			✓	✓	✓		✓	✓		
	102	Fe Ar Co2 8-12%	M20	✓	✓	✓		✓	✓			✓	✓	✓		✓	✓		
	103	Fe Co2 100%	C1	✓	✓	✓						✓	✓	✓					
	104	FCW M Ar Co2 15-20%	M21			✓	✓							✓	✓			✓	✓
	113	Fe No Gas	O			✓	✓							✓	✓			✓	✓
ALUMINIUM	216	Al Mg Ar 100%	I1	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	
	217	Al Si Ar 100%	I1		✓	✓			✓	✓			✓	✓			✓	✓	
STAINLESS STEEL	301	Cr Ni 308 Ar 2%Co2	M12	✓	✓	✓		✓	✓			✓	✓	✓		✓	✓	✓	
	302	Cr Ni 316 Ar 2%Co2	M12	✓	✓	✓		✓	✓			✓	✓	✓		✓	✓	✓	
BRAZING	701	Cu Si Ar 100%	I1	✓	✓			✓	✓			✓	✓			✓	✓		

Benefits of the Galaxy Range

400 Amp Water-Cooled Separates

GALAXY 400T GW



A multi-process, 400A three-phase welding unit with pulse MIG/MAG capability, ideal for precise welding of thin aluminium and stainless steel with reduced spatter. Features integrated liquid cooling and optional separate high-performance wire feeder.



Product	Ref	Power	Amp	Duty cycle (40°C ambient temperature)		Electrodes Ømm
				@ 60%	300A	
GALAXY 400T GW	080843	400V - 3 phase	400A	@ 100%	280A	1.6 - 6mm

Product	Ref	Wire diameter		Wire reels
WIRE FEEDER WF36	082502	Steel	0.8 - 1.2 mm	200 - 5kg 300 - 15kg
		Stainless steel	0.8 - 1.2 mm	
		Aluminium	0.8 - 1.2 mm	
		Flux-cored wire	0.9 - 1.6 mm	

www.gys-welding.com

Galaxy 400T GW



400 Amp Air-Cooled Separates

GALAXY 400G



Galaxy 400T G A multi-process, 400A three-phase welding unit with pulse MIG/MAG capability, ideal for precise welding of thin aluminium and stainless steel with reduced spatter. Available with optional high-performance wire feeder.



Galaxy 400G

Product	Ref	Power	Amp	Duty cycle (40°C ambient temperature)		Electrodes Ømm
GALAXY 400T G	080829	400V - 3 phase	400A	@ 60%	300A	1.6 - 6mm
				@ 100%	280A	

Product	Ref	Wire diameter		Wire reels
WIRE FEEDER WF36	082502	Steel	0.8 - 1.2 mm	200 - 5kg 300 - 15kg
		Stainless steel	0.8 - 1.2 mm	
		Aluminium	0.8 - 1.2 mm	
		Flux-cored wire	0.9 - 1.6 mm	

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400 Amp Water-Cooled Compact

GALAXY 400T W



A three-phase, 400A multi-process welder with pulse MIG/MAG, offering enhanced control for smooth, aesthetic welds on thin aluminium and stainless steel. Includes integrated liquid cooling.



Product	Ref	Power	Amp	Duty cycle (40°C ambient temperature)		Electrodes Ømm
GALAXY 400T W	080836	400V - 3 phase	400A	@ 60%	300A	1.6 - 6mm
				@ 100%	280A	

Product	Ref	Wire diameter		Wire reels
WIRE FEEDER WF36	082502	Steel	0.8 - 1.2 mm	200 - 5kg 300 - 15kg
		Stainless steel	0.8 - 1.2 mm	
		Aluminium	0.8 - 1.2 mm	
		Flux-cored wire	0.9 - 1.6 mm	

400 Amp Air-Cooled Compact

Optional Wire Feeder

GALAXY 400T Duo

A versatile 400A, three-phase welding unit with dual wire feed capability, pulse MIG/MAG, and advanced controls for high-speed, precise welding of thin aluminium and stainless steel. Excellent for demanding workshop applications.



www.gys-welding.com

Galaxy 400T W & Duo



320 Amp Air-Cooled Compact - 3 phase



GALAXY 320T

A compact, 320A multi-process welding power source with pulse MIG/MAG and built-in wire feeder, designed for light-gauge aluminium and stainless steel. Provides precise control, reduced spatter, and faster welding speeds.

250 Amp Air-Cooled Compact - single phase

GALAXY 250M

A single-phase 250A, multi-process welder with pulse MIG/MAG for thin aluminium and stainless steel. Offers portability, intuitive controls, and enhanced weld quality with reduced spatter.



Product	Ref	Power	Amp	Wire diameter		Electrodes Ømm	Wire reels
GALAXY 320T	080997	400V - 3 phase	320A	Steel	0.6 - 1.2 mm	1.6 - 5mm	200 - 5kg 300 - 15kg
				Stainless steel	0.8 - 1.2 mm		
				Aluminium	0.8 - 1.2 mm		
				Flux-cored wire	0.9 - 1.6 mm		
GALAXY 250M	082113	240V - single phase	250A	Steel	0.6 - 1.0 mm	1.6 - 5mm	200 - 5kg 300 - 15kg
				Stainless steel	0.6 - 1.0 mm		
				Aluminium	0.8 - 1.2 mm		
				Flux-cored wire	0.9 - 1.2 mm		

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Galaxy 320T & 250M

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 the largest manufacturer of welding machines in Europe, the world leader in Car Body welding and a technology leader in battery charging.



GYS operate a dual strategy:
Product - constant R&D investment to produce high quality and innovative welding products
Service - Investment in the UK. GYS operate a full-service subsidiary in Rugby providing pre and post purchase technology support nationally.

“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.

Bruno Bouygues - GYS GROUP CEO



Employees x 900	Turnover 2023 135 million €	2 production factories	1 global logistics platform	6 subsidiaries

GYS UK Headquarters in Rugby



Employees x 50	Growth year on year	UK Stock next day delivery	Aftersales Support x 5



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