

The GALAXY 400T W DUO is a three-phase multi-process inverter welding machine with an integrated cooling unit. Designed with a modular architecture, it can be equipped with a separate wire feeder (optional) for easy operation with 2 different types of wire. Its MIG/MAG pulse mode delivers ultra-precise control of welding energy, to reduce any deformation of the workpiece. Pulse synergies increase welding speeds and reduce spatter, while also improving the aesthetics of the weld bead. Excellent for welding thin aluminium and stainless steel, the GALAXY 400T W DUO is a modern workshop solution for smooth, touch-up-free welds.

MULTI-PROCESS

- **MIG/MAG pulse:** This versatile machine can be fitted with an optional separate WF 36 or ou WF 51 wire feeder for rapid use of 2 different types or diameters of wire.
 - steel and stainless steel wire: Ø 0.6 to 1.2 mm
 - aluminium wire: Ø 0.8 to 1.2 mm
 - Flux-cored wire (inverted polarity): Ø 0.9 to 1.6 mm
- **MMA DC / Pulse:** basic and rutile electrodes.
- **TIG DC Lift / Pulse.**

PREMIUM MIG/MAG WELDING

- 4 welding modes:
 - Standard: ideal for fast, simple welding applications.
 - Pulse: reduces spatter and touch-ups in all welding positions.
 - ModulArc: ideal for assembling aluminium alloys that require aesthetic appeal.
 - Manual: suitable for experienced welders and DMOS welding.
- Digital arc control with instant ignition and no cratering at the end of the bead.
- Arc pulse delivers up to 30% higher welding speeds.
- 4-roller motorised wire feeder with digital encoder for precise wire feed.

INTELLIGENT

- +40 synergies for various materials: Steel, AlMg, AlSi, CrNi, CuSi.
- New intuitive, multilingual 3.5" HMI.
- Full machine and synergy updates via USB stick.
- Job memory for up to 200 welding programs for recurring applications.
- Portability function: user JOBS and machine configuration can be loaded/saved/transported from a USB stick.
- Traceability of all weld beads to EN 3834.
- Calibration mode for welding accessories to adjust the voltage displayed.
- User mode for sharing the unit with several different welders.
- Free online tool for interface customisation.

ERGONOMIC

- Auto wire feeder selection by either pulling the trigger on the torch or using the thumbwheel on the interface.
- Tool-free interconnection cable attachment on the rear of the power source.
- 4 lifting points for easy slinging and safe transport.
- Lowered gas bottle holder for easy loading (10 m3 max).
- IP23S rated to withstand challenging environments.
- Storage compartment.
- Easy polarity change on front panel.
- Led lighting on wire feeder and spool.
- Viewing window to monitor filler wire consumption.

ACCESSORIES (optional)



Separate WF 36
wire feeder
082502

MIG-i interconnection cable

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

Steel / Stainless steel	Aluminium
500 A 4 m	500 A 3 m
081147	081154

4 m - 70 mm²
036994

Type B rollers

Steel / Stainless steel	Ø 0.6 / 0.8 Ø 0.8 / 1.0 Ø 1.0 / 1.2	x2	042353
			042360
Aluminium	Ø 0.8 / 1.0 Ø 1.0 / 1.2	x2	046849
			042377
Flux-cored wire	Ø 0.9-1.0 / 1.2 Ø 1.2 / 1.6	x2	040915
			042407
			089280

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.



Supplied without accessories,
without separate wire feeder



		I ₂ MIG	I ₂ MMA	I ₂ TIG	 ømm		 ømm		 ø mm			Original rollers	EN 60974-1 (40°C)						U ₀			IP
50/60 Hz	A	A	A	A	Gas	Flux-cored wire	200	300	ø mm	Electronic control	m/min	 B	MIG-MAG		MMA		TIG		V	cm	kg	
														IA (60 %)	100 %	IA (60 %)	100 %	IA (60 %)	100 %			
400 V 3~	32	15 → 400	20 → 400	20 → 400	0.6 → 1.2	0.9 → 1.6	✓	✓	1.6 → 5	 50 W	1 → 20	1.0 1.2	300 A	280 A	300 A	280 A	340 A	300 A	66	90 x 55 x 81	71	IP23S