



- Multi-process inverter welding machine (MIG-MAG/FLUX/BRAZING/MMA/TIG DC-Lift), 400A. Three-phase 230/400V power supply. XD version with high duty cycle for continuous operation and heavy-duty applications.
- WAVE OS operating system with EASY and EXPERT modes; also operates in pulsed and double pulsed modes (PULSE and POP). Synergic parameter adjustment, 18 preset synergic curves and possibility of creating, saving and exporting customised programmes via USB.
- TFT graphic display showing wire speed, voltage and current; 2/4-stroke and spot selection; up to 18 advanced adjustable parameters (start/end currents, arc corrections, ramp-up/ramp-down, pre/post gas). ATC function.
- MMA and TIG: hot start and arc force adjustments, anti-stick protection and VRD device. TIG with DC Lift ignition and parameter display.
- Tunnel ventilation system protects electronic components from dust and dirt, ensuring greater durability and reliability even in harsh environments.
- Robust and compact structure, resistant to impact and dust; low weight, high energy efficiency and easy to transport.

TECHNICAL DATA

CODE	816917	ABSORBED POWER AT 60%	16,7 kW	MAX ABSORBED POWER 230V	11,8 kW
THREEPHASE MAINS VOLTAGE	230 / 400 V	MAX ABSORBED POWER	16,6 kW	FUSE 230V	32 A
MAINS TOLERANCE	-25 / +15 %	FUSE	25 A	ABSORBED POWER idle	34 W
MAINS FREQUENCY	50 / 60 Hz	MAX CURRENT DC EN60974-1 230V	300 @ 60% A	EFFICIENCY	86 %
MAX CURRENT DC EN60974-1	400 @ 60% A	CURRENT CONTROL RANGE 230V DC	20 - 320 A	ELECTRODES Ø	1,6 - 8 mm
CURRENT CONTROL RANGE DC	20 - 400 A	CURRENT 60% DC 230V	300 A	SUPPLY CABLE LENGTH	3 m
CURRENT 60% DC	400 A	CURRENT 100% DC 230V	210 A	ELECTROMAGN. COMPATIBLE CLASS	A
CURRENT 100% DC	300 A	MAX ABSORBED CURRENT 230V	37 A	NORM	EN 60974-1 /-5 /-10
MAX ABSORBED CURRENT	30 A	MAX DC NO LOAD VOLT. 230V	93 V	INSULATION CLASS	F
MAX DC NO LOAD VOLTAGE	67 V	RANGE VOUT MIG 230V	9 - 30 V	PROTECTION DEGREE	IP23
RANGE V OUT MIG	9 - 34 V	T0102401	35,1 A	DIMENSIONS (LxWxH)	54,6 x 27,4 x 50 cm
ABSORBED CURRENT AT 60%	30,2 A	T0361302	11,2 kW	WEIGHT	32 kg

SUPPLIED ACCESSORIES

645704	TORCH HOOK
645982	HOOK HOLDER
804222	WORK CLAMP + CABLE 70MMQ 3M AX70

DESCRIPTION

Inverter welding machine, with continuous and pulsed operation, multi-process MIG-MAG/FLUX/BRAZING/MMA/TIG DC-Lift.

The WAVE OS system makes welding operations: customisable according to user requirements; traceable and analysable, through data storage via USB; simplified, thanks to the synergistic adjustment of parameters. It is possible to work on different materials (steel, stainless steel, aluminium) even in pulsed and double pulsed modes (PULSE and POP).

The machine is equipped with 18 synergic curves and offers the possibility of expanding the available curves with optional packages that can be purchased separately, depending on the application requirements.

Numerous customised programmes can be created, saved and exported.

The XD model is characterised by a high duty cycle for continuous processing and particularly demanding applications.

Particularly resistant to dirt and dust thanks to the special construction of the ventilation system which, following a dedicated tunnel, preserves the electronic components, ensuring greater durability.

Its low weight and compact size also ensure easy transport to all work sites, both indoors and outdoors.

Features:

- robust, impact and dust resistant;
- low weight and dimensions;
- high energy savings;
- TFT Wave graphic display.

MIG-MAG

- Wave OS operating system. EASY and EXPERT modes (customisable working environment).
- 18 pre-set synergic curves;
- display showing wire speed, voltage and welding current;
- 2/4-stroke and spot welding selection;
- Up to 18 advanced welding parameters can be adjusted, including: Start/end currents and arc corrections; ramp-up and ramp-down; Pre and Post Gas;
- ATC.

MMA

- MMA adjustments: hot start, arc force;
- anti-stick protection;
- VRD device;
- display of welding voltage and current.

TIG

- LIFT DC ignition and display of welding voltage and current.

Thermostatic protection, overvoltage (+15%), undervoltage (-25%), overcurrent, motor generator.
Complete with cable and earth clamp.

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST