



- Direct current (DC) MMA and TIG-LIFT electrode multiprocess inverter welding machine with gouging function, 400A. Dual voltage.
- LCD display of the main welding parameters and product settings.
- Designed for welding cellulose electrodes. Arc-force adjustment and hot start according to the type of electrode used. Anti-stick protection .
- Usable electrodes: cellulose and coated aluminium, rutile, basic, stainless steel and cast iron electrodes up to a Ø of 8 mm. Gouging function is available using carbon electrodes.
- MMA: direct and pulse current (MMA PULSE) operation. VRD device.
- High stability of the welding current in power supply voltage variations. Thermostatic, overvoltage, undervoltage, overcurrent protection. Compatible for use with the motor generator (+/-15%).
- Particular construction of the ventilation system which, following a dedicated tunnel, allows preservation of the electronic components from dirt and dust. Compact and robust.

TECHNICAL DATA

CODE	816156	MAX NO LOAD VOLTAGE IN DC	100 / 100 V	POWER FACTOR(cosphi) (cosphi)	0,8
THREEPHASE MAINS VOLTAGE	230 / 400 V	MAX ABSORBED CURRENT	36 / 30 A	D.USABLE ELECTRODES IN DC	1,6 - 8 mm
MAINS FREQUENCY	50 / 60 Hz	ABSORBED CURRENT AT 60%	31 / 20 A	PROTECTION DEGREE	IP23
CURRENT RANGE IN DC	30-320/30-400A	MAX ABSORBED POWER	11,4 / 16,6 kW	DIMENSIONS (LxWxH)	53 x 24 x 45 cm
MAX CURRENT DC EN60974-1	300@40%/400@40%A	ABSORBED POWER AT 60%	9,9 / 11 kW	WEIGHT	19,500 kg
DC CURRENT AT 60%	280 / 300 A	EFFICIENCY	87 %		

ON REQUEST ACCESSORIES

GOUGING ACCESSORIES

802666	GOUGING KIT
802803	CARBON ELECTRODES D. 8 300 MM 5 PCS
802305	CARBON ELECTRODES D. 10 300 MM 5 PCS

GAS REGULATORS

722346	GAS REGULATOR 2 MANOMETERS 32 L\min
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TIG TORCHES

742058	ST26V TIG TORCH AX50 4M
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TROLLEYS AND ACCESSORIES

803072	TROLLEY - MONDIAL
803073	TROLLEY - EUROPA
803079	TROLLEY - COSMOPOLITAN

ACCESSORIES/VARIOUS/SPARE PART

801093	MMA WELDING KIT 400A 50 MMQ 4+3M AX50
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DESCRIPTION

MMA, TIG-LIFT direct current (DC) electrode multiprocess inverter welding machine with gouging function. Designed for welding cellulose electrodes and coated electrodes in aluminium, rutile, basic, stainless steel and cast iron.

Electrode welding is both direct current and pulse current. Pulse mode (MMA Pulse) is recommended with cellulose and basic electrodes and in position welding. You can set the two pulsation currents and their times for reduced heat transfer and improved arc control. Less spray and reworking, higher quality welding seam.

Gouging function is available using carbon electrodes.

Designed to ensure reliability over time, it features a dedicated air tunnel cooling system that protects against dust and dirt.

Features:

MMA

- optimised arc control dynamics that guarantee arc stability and control of the welding bath with cellulose, basic and rutile electrodes;
- direct and pulse current (MMA PULSE) operation;
- adjustments in MMA: hot start, arc force;
- anti-stick protection;
- VRD device.

TIG

- LIFT DC strike and welding voltage and current shown on LCD screen.

GOUGING

- Gouging function with gouging voltage and current shown on LCD screen.

Features:

- LCD screen for simplified interaction and immediate display and setting of the parameters;
- reliability over time thanks to dedicated air tunnel cooling system that protects against dust and dirt;
- guarantees the best performance even with undervoltages (up to -25%) and overvoltages (+ 15%);
- automatic voltage detection of the power supply network (multivoltage);
- compact and robust structure for better transport;
- thermostatic protection, protection against overvoltage, undervoltage, overcurrent, engine driven generator (+/-15%).

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST