



- Direct current (DC) MMA electrode inverter welding machine, 270A, with digital display. Dual voltage.
- Arc-force adjustment and hot start according to the type of electrode used. Anti-stick protection.
- Usable electrodes: rutile, basic, stainless steel, cast iron, etc. up to 6 mm. With set welding current display.
- High stability of the welding current in power supply voltage variations.
- Resistant to dirt and dust thanks to the ventilation system (dedicated tunnel) that preserves the electronic components, guaranteeing longer duration over time.
- Strong, resistant to impact and dust; reduced weight and size.
- Contained consumption thanks to inverter technology. Set up for gouging.

## TECHNICAL DATA

CODE	<b>816181</b>	MAX NO LOAD VOLTAGE	<b>77 V</b>	MAX DC NO LOAD VOLT. 230V	<b>82 V</b>
THREEPHASE MAINS VOLTAGE	<b>230 / 400 V</b>	ABSORBED POWER AT 60%	<b>7,2 kW</b>	T0361302	<b>5,8 kW</b>
MAINS TOLERANCE	<b>-25 / +15 %</b>	MAX ABSORBED POWER	<b>9 kW</b>	MAX ABSORBED POWER 230V	<b>7,2 kW</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	FUSE	<b>16 A</b>	FUSE 230V	<b>16 A</b>
CURRENT CONTROL RANGE DC	<b>20 - 270 A</b>	CURRENT CONTROL RANGE 230V DC	<b>20 - 250 A</b>	EFFICIENCY	<b>88 %</b>
CURRENT CONTROL RANGE AC	<b>20 - 270 A</b>	CURRENT CONTROL RANGE 230V AC	<b>20 - 250 A</b>	ELECTRODES Ø	<b>1,6 - 6 mm</b>
MAX CURRENT DC EN60974-1	<b>270 @ 40% A</b>	MAX CURRENT DC EN60974-1 230V	<b>220 @ 40% A</b>	SUPPLY CABLE LENGTH	<b>2,50 m</b>
MAX CURRENT AC EN60974-1	<b>270 @ 40% A</b>	MAX CURRENT AC EN60974-1 230V	<b>220 @ 40% A</b>	ELECTROMAGN. COMPATIBLE CLASS	<b>A</b>
CURRENT 60% DC	<b>220 A</b>	CURRENT 60% DC 230V	<b>185 A</b>	NORM	<b>EN 60974-1 / -10</b>
CURRENT 60% AC	<b>220 A</b>	CURRENT 60% AC 230V	<b>185 A</b>	INSULATION CLASS	<b>F</b>
CURRENT 100% DC	<b>200 A</b>	CURRENT 100% DC 230V	<b>170 A</b>	PROTECTION DEGREE	<b>IP23</b>
CURRENT 100% AC	<b>200 A</b>	CURRENT 100% AC 230V	<b>170 A</b>	DIMENSIONS (LxWxH)	<b>54,6 x 27,4 x 50 cm</b>
ABSORBED CURRENT AT 60%	<b>14,1 A</b>	T0102401	<b>19,6 A</b>	WEIGHT	<b>19,2 kg</b>
MAX ABSORBED CURRENT	<b>18 A</b>	MAX ABSORBED CURRENT 230V	<b>25 A</b>		
RANGE V OUT MMA	<b>20 - 30,8 V</b>	RANGE VOUT MMA 230V	<b>20 - 30 V</b>		

## OPTIONAL ACCESSORIES

<b>OTHER ACCESSORIES</b>	803064 TROLLEY - CONTINENTAL
804318 WHEELS KIT LINEAR i /SUPERMIG i	
<b>TROLLEYS AND ACCESSORIES</b>	<b>ACCESSORIES/VARIOUS/SPARE PART</b>
	801081 MMA WELDING KIT 300A 25 MMQ 4+3M AX50

## DESCRIPTION

Inverter MMA electrode welding machine in direct current (DC) with scratch striking.

Use with a wide range of electrodes: rutile, basic, stainless steel, cast iron.

Ideal for use with motor generators, it maintains a high level of stability of the welding current to variations in the supply voltage, both to undervoltage (-25%) and overvoltage (+15%).

Particularly resistant to dirt and dust thanks to the special construction of the ventilation system which, following a dedicated tunnel, preserves the electronic components, guaranteeing a longer life.

Features:

- Robust, impact resistant and dustproof;
- Low weight and size;
- High energy saving;
- Display to show pre-set welding current;
- High stability of the welding current despite variations in the supply voltage;
- Synergic adjustment of Arc Force and Hot Start according to the type of electrode in use;
- Anti-stick device;
- Thermostat, undervoltage (-25%), overvoltage (+15%), overcurrent, motor-generator protections.

## DOWNLOAD

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



BROCHURE



CERTIFICATE