



- Direct current (DC) MMA and TIG (scratch start) electrode inverter welding machine, 270A, with digital display. Dual voltage.
- 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 6 mm.
- High stability of the welding current in power supply voltage variations. Thermostatic, overvoltage, undervoltage, overcurrent protection. Compatible for use with the motor generator (230V, +/-15%).
- Instantaneous control of welding drop transfer. With VRD (Voltage Reduction Device).
- Compact and easy to transport. Set up for remote control.

## TECHNICAL DATA

CODE	<b>816036</b>	MAX NO LOAD VOLTAGE IN DC	<b>60 / 63 V</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,9</b>
THREEPHASE MAINS VOLTAGE	<b>230 / 400 V</b>	MAX ABSORBED CURRENT	<b>19 / 14,4 A</b>	D.USABLE ELECTRODES IN DC	<b>1,6 - 6 mm</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	ABSORBED CURRENT AT 60%	<b>15 / 10 A</b>	PROTECTION DEGREE	<b>IP23</b>
CURRENT RANGE IN DC	<b>10-250/10-270A</b>	MAX ABSORBED POWER	<b>7 / 9 kW</b>	DIMENSIONS (LxWxH)	<b>47 x 19 x 35 cm</b>
MAX CURRENT DC EN60974-1	<b>220@42%/270@35%A</b>	ABSORBED POWER AT 60%	<b>6 / 6,5 kW</b>	WEIGHT	<b>10,2 kg</b>
DC CURRENT AT 60%	<b>185 / 205 A</b>	EFFICIENCY	<b>90 %</b>		

## ON REQUEST ACCESSORIES

### REMOTE CONTROLS

802336	RC-20 10 M CONTROL 2POT
802017	FOOT REMOTE CONTROL 14 POLES

### 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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### ACCESSORIES/VARIOUS/SPARE PART

801081	MMA WELDING KIT 300A 25 MMQ 4+3M AX50
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## DESCRIPTION

Inverter MMA electrode and TIG-LIFT welding machine in direct current (DC) with microprocessor control.

Designed for welding cellulosic electrodes and coated electrodes such as aluminium, rutile, basic, stainless steel, cast iron with diameter up to 6 mm.

Features:

- compact and light;
- high welding current stability in spite of mains voltage fluctuations;
- immediate control of the welding droplets transfer;
- regulation of arc force and hot start according to the type of electrode in use;
- anti-stick device;
- VRD device;
- remote control connector;
- thermostatic, overvoltage, undervoltage, overcurrent, motorgenerator (+/- 15%) protections.

## DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST