



- 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	<b>62,8 V</b>	MAX DC NO LOAD VOLT. 230V	<b>59,2 V</b>
THREEPHASE MAINS VOLTAGE	<b>230 / 400 V</b>	ABSORBED POWER AT 60%	<b>6,4 kW</b>	T0361302	<b>5,6 kW</b>
MAINS TOLERANCE	<b>-15 / +15 %</b>	MAX ABSORBED POWER	<b>9 kW</b>	MAX ABSORBED POWER 230V	<b>7 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>10 - 300 A</b>	CURRENT CONTROL RANGE 230V DC	<b>10 - 250 A</b>	EFFICIENCY	<b>90 %</b>
CURRENT CONTROL RANGE AC	<b>10 - 300 A</b>	CURRENT CONTROL RANGE 230V AC	<b>10 - 250 A</b>	ELECTRODES Ø	<b>1,6 - 6 mm</b>
MAX CURRENT DC EN60974-1	<b>270 @ 35% A</b>	MAX CURRENT DC EN60974-1 230V	<b>220 @ 42% A</b>	SUPPLY CABLE LENGTH	<b>2,50 m</b>
MAX CURRENT AC EN60974-1	<b>270 @ 35 % A</b>	MAX CURRENT AC EN60974-1 230V	<b>220 @ 42% A</b>	ELECTROMAGN. COMPATIBLE CLASS	<b>A</b>
CURRENT 60% DC	<b>205 A</b>	CURRENT 60% DC 230V	<b>185 A</b>	NORM	<b>EN 60974-1 / -10</b>
CURRENT 60% AC	<b>205 A</b>	CURRENT 60% AC 230V	<b>185 A</b>	INSULATION CLASS	<b>F</b>
CURRENT 100% DC	<b>180 A</b>	CURRENT 100% DC 230V	<b>170 A</b>	PROTECTION DEGREE	<b>IP23</b>
CURRENT 100% AC	<b>180 A</b>	CURRENT 100% AC 230V	<b>170 A</b>	DIMENSIONS (LxWxH)	<b>47 x 19 x 35 cm</b>
ABSORBED CURRENT AT 60%	<b>10,7 A</b>	T0102401	<b>16,3 A</b>	WEIGHT	<b>10,2 kg</b>
MAX ABSORBED CURRENT	<b>14,4 A</b>	MAX ABSORBED CURRENT 230V	<b>19 A</b>		
RANGE V OUT MMA	<b>10 - 30,8 V</b>	RANGE VOUT MMA 230V	<b>10 - 28,8 V</b>		

## OPTIONAL ACCESSORIES

<b>REMOTE CONTROLS</b>		<b>TIG TORCHES</b>	
802336	RC-20 10 M CONTROL 2POT	742058	ST26V 4M AX50 TIG TORCH
802017	FOOT REMOTE CONTROL 14 POLES	<b>ACCESSORIES/VARIOUS/SPARE PART</b>	
<b>GAS REGULATORS</b>		801081	MMA WELDING KIT 300A 25 MMQ 4+3M AX50
722346	GAS REGULATOR 2 MANOMETERS 32 L\min		

## 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

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE