



- Direct current (DC) MMA and TIG (scratch start) electrode inverter welding machine, 600A, 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 8 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).
- Includes a "gouging" function enabling MIG-MAG/FLUX welding with optional wire feeder for industrial applications on steel and steel by-products.
- Saving on internal E2PROM of last 9 alarms. Set up for remote control.

## TECHNICAL DATA

CODE	<b>816032</b>	MAX NO LOAD VOLTAGE IN DC	<b>65 / 73 V</b>	EFFICIENCY	<b>86 %</b>
THREEPHASE MAINS VOLTAGE	<b>230 / 400 V</b>	MAX ABSORBED CURRENT	<b>44 / 35 A</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,9</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	ABSORBED CURRENT AT 60%	<b>25 / 20 A</b>	D.USABLE ELECTRODES IN DC	<b>1,6 - 8 mm</b>
CURRENT RANGE IN DC	<b>10-450/10-600A</b>	MAX ABSORBED POWER	<b>16 / 23 kW</b>	PROTECTION DEGREE	<b>IP23</b>
MAX CURRENT DC EN60974-1	<b>400@35%/500@40%A</b>	ABSORBED POWER AT 60%	<b>10 / 13 kW</b>	DIMENSIONS (LxWxH)	<b>67 x 31 x 56 cm</b>
DC CURRENT AT 60%	<b>300 / 400 A</b>	MOTORGENER. MINIMUM POWER	<b>22 / 32 kW</b>	WEIGHT	<b>43 kg</b>

## ON REQUEST ACCESSORIES

### REMOTE CONTROLS

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

### 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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### MIG/MAG WELDING KITS

802273	ALUMINIUM WELDING KIT D. 1-1,6 MM
802276	FLUX CORED WIRE WELDING KIT D. 1-2,4 MM

### MIG TORCHES

742820	MT40S MIG TORCH 4M
742822	MT40S MIG TORCH 5M

### WIRE FEEDERS AND ACCESSORIES

806112	TX70 WIREFEEDER
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### MIG CONNECTION CABLES

802348	CONNECTING CABLE 70MMQ 4M 14 POLES
802349	CONNECTING CABLE 70MMQ 10M 14 POLES

### TIG TORCHES

742058	ST26V TIG TORCH AX50 4M
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### TROLLEYS AND ACCESSORIES

803076	TROLLEY - NATIONAL
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### ACCESSORIES/VARIOUS/SPARE PART

801106	MMA WELDING KIT 600A 70 MMQ 4+3M AX70
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## DESCRIPTION

MMA,TIG-LIFT in direct current (DC), multiprocess, inverter welding machine, designed for welding cellulosic electrodes and coated electrodes such as aluminium, rutile,basic, stainless steel, cast iron with diameter up to 8 mm.

Superior 630 CE VRD has the "gouging" function and makes it possible MIG-MAG/FLUX welding with optional feeder. Features:

- reduced weight and dimensions;
- 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;
- storage on on-board E2PROM of the last 10 alarms;
- remote control connector;
- thermostatic, overvoltage, undervoltage, overcurrent, motorgenerator (+/- 15%) protections.

## DOWNLOAD

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST