



ELECTROMIG 450 SYNERGIC 230V/400V AQUA



Overview

ELECTROMIG 450 SYNERGIC 230V/400V AQUA

cod. 816191

MIG-MAG/FLUX/BRAZING/MMA and TIG DC-Lift multiprocess inverter welding machine controlled by a microprocessor, with 4-roller wire feeder.

Flexible use with various welded materials (steel, stainless steel, aluminium) or brazed materials (galvanised sheet metal).

Wide variety of application fields, from industry to maintenance, installation to bodywork activities. Synergic adjustment makes the product simple to use. The Made in Telwin ATC technology makes it easy to achieve excellent standards of welding on thin materials thanks to state-of-the-art control of the arc.

Features:

- Manual or synergic operating;
- 40 pre-set synergic curves;
- Possibility of creating, saving and retrieving customised welding programs;
- MIG-MAG adjustments: wire up slope, electronic reactance, wire burn-back time, post gas;
- 2/4 time operation selection, Bi-Level, spot, inch and mm material thicknesses;
- Adjustments in MMA: hot start, arc force, anti-stick;
- VRD selection.
- Protections: thermostatic, overvoltage, undervoltage, overcurrent, engine driven generator (+/-15%);
- TIG Lift

Complete with MIG-MAG torch, cable and earth clamp and water cooling unit.



MMA TIG DC LIFT



REMOTE CONTROLS



CE MARKING



MIG-MAG FLUX



COIL 15 kg



EAC CERTIFICATION



3 PH 230V-400V



ELECTROMIG 450 SYNERGIC 230V/400V AQUA

Technical data

 V_{3PH}	THREE PHASE MAINS VOLTAGE 230 / 400 V	 A_{MAX}	MAX ABSORBED CURRENT 33 / 25 A	 ST	STEEL WELDING WIRE DIAMETER 0,6 - 2 mm
 F	MAINS FREQUENCY 50 / 60 Hz	 A_{60% MAX}	ABSORBED CURRENT AT 60% - MAX 17 / 15 A	 SS	INOX WELDING WIRE DIAMETER 0,8 - 2 mm
 A_{MIN MAX DC}	CURRENT RANGE 20 - 320 / 20 - 400 A	 P_{MAX}	MAX ABSORBED POWER 12,6 / 16,5 kW	 AL	ALUMINIUM WELDING WIRE DIAM. 0,8 - 1,6 mm
 A_{MAX 40°C DC}	MAX CURRENT DC (EN 60974-1) 320 @ 25% / 400 @ 30% A	 P_{60%}	ABSORBED POWER AT 60% 6,4 / 9,4 kW	 FX	FLUX CORED WELDING WIRE DIAM. 1 - 2 mm
 η	EFFICIENCY 89 V	 BZ	BRAZING WIRE DIAM. 0,8 - 1,2 mm	 A_{60% 40°C DC}	DC CURRENT 200 / 270 A
 φ	POWER FACTOR (cosφ) 0,9	 V_{0 DC}	MAX NO LOAD VOLTAGE 106 / 73 V	 φ_{DC MIN/MAX}	D. USABLE ELECTRODES IN DC 1,6 - 8 mm

Included Accessories

null - 110004

MT500 MIG TORCH 3M AQUA - 722625

FEED ROLL 4R 0,8FE-1,0FE "P-K" - 722227



CABLE 35 MMQ 3 M WORK CLAMP DX50 - 723030

FEED ROLL 4R 1,2FE-1,6FE "P-K" - 722241