



## ELECTROMIG 450 SYNERGIC AQUA



### Overview

#### ELECTROMIG 450 SYNERGIC 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



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### Technical data

CODE	CODE 816191	MAX ABSORBED CURRENT	33 / 25 A		D. USABLE ELECTRODES IN DC	1,6 - 8 mm
THREE PHASE MAINS VOLTAGE	230 / 400 V	ABSORBED CURRENT AT 60% - MAX	17 / 15 A		STEEL WELDING WIRE DIAMETER	0,6 - 2 mm
MAINS FREQUENCY	50 / 60 Hz	MAX ABSORBED POWER	12,6 / 16,5 kW		INOX WELDING WIRE DIAMETER	0,8 - 2 mm
CURRENT RANGE	20 - 320 / 20 - 400 A	ABSORBED POWER AT 60%	6,4 / 9,4 kW		ALUMINIUM WELDING WIRE DIAM.	0,8 - 1,6 mm
MAX CURRENT DC (EN 60974-1)	320 @ 25% / 400 @ 30% A	EFFICIENCY	89 V		FLUX CORED WELDING WIRE DIAM.	1 - 2 mm
DC CURRENT	200 / 270 A	POWER FACTOR (cosphi)	0,9		BRAZING WIRE DIAM.	0,8 - 1,2 mm
MAX NO LOAD VOLTAGE	106 / 73 V					

### Included Accessories

PVC GAS HOSE - 110004

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

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

MT500 MIG TORCH 3M AQUA - 722625

WORK CLAMP + CABLE 35MMQ 3M AX50 - 804217