

# ELECTROMIG 400 SYNERGIC



**NEW**

MIG-MAG

TIG

MMA

**5**  
YEARS WARRANTY

**ONE TOUCH**  
LCD SYNERGY

**Synergy**  
4th

**ATC**  
Advanced Thermal Control

**TIG LIFT**

**VRD**  
VOLTAGE REDUCTION DEVICE

**4**  
ROLLS

MIG-MAG  
FLUX

MMA TIG  
DC - LIFT

**3**  
230/400V

**MAX**  
15Kg  
300mm

**CE**

**EAC**

- Multiprocess inverter welding machine (MIG-MAG/FLUX gas shielded/BRAZING/MMA/TIG DC-Lift) with 4-roller wire feeder, 400A. 3ph 230/400V power supply.
- OneTouch synergic adjustment: easy to use. 40 pre-set synergic curves for various gases and materials. Possibility of creating, saving and retrieving customised welding programs.
- ATC (Advanced Thermal Control) to facilitate welding on thin materials.
- Ample, immediate and easy reading LCD display.
- High performance with reduced consumption.

## TECHNICAL DATA

CODE	<b>816271</b>	MAX ABSORBED CURRENT	<b>33 / 25 A</b>	INOX WELD. WIRE DIAMETER	<b>0,8 - 1,6 mm</b>
THREEPHASE MAINS VOLTAGE	<b>230 / 400 V</b>	ABSORBED CURRENT AT 60%	<b>17 / 15 A</b>	ALUM. WELDING WIRE DIAM.	<b>0,8 - 1,6 mm</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	MAX ABSORBED POWER	<b>12,6 / 16,5 kW</b>	FLUX CORED WELD. WIRE DIA.	<b>1 - 1,2 mm</b>
MAX NO LOAD VOLTAGE IN DC	<b>106 / 73 V</b>	ABSORBED POWER AT 60%	<b>6,5 / 9,5 kW</b>	BRAZING WIRE DIAM.	<b>0,8 - 1,2 mm</b>
CURRENT RANGE IN DC	<b>20-320/20-400A</b>	EFFICIENCY	<b>89 %</b>	INSULATION CLASS	<b>H</b>
MAX CURRENT DC EN60974-1	<b>320@25%/400@30%A</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,9</b>	PROTECTION DEGREE	<b>IP23</b>
CURRENT 35% DC	<b>270 / 370 A</b>	D.USABLE ELECTRODES IN DC	<b>1,6 - 8 mm</b>	DIMENSIONS (LxWxH)	<b>86,5 x 39 x 91,5 cm</b>
DC CURRENT AT 60%	<b>200 / 270 A</b>	STEEL WELDING WIRE DIAMET.	<b>0,6 - 1,6 mm</b>	WEIGHT	<b>42 kg</b>

## OPTIONAL ACCESSORIES

### ELECTRODE HOLDERS WITH CABLE

804124	ELECTRODE HOLDER + CABLE 35MMQ 4M AX50
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### GAS REGULATORS

722346	GAS REGULATOR 2 MANOMETERS 32 L\min
804208	QUICK GAS CONNECTOR

### MIG/MAG WELDING KITS

802273	ALUMINIUM WELDING KIT D. 1-1,6 MM
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### MIG TORCHES

742186	MT36 MIG TORCH 3M
742187	MT36 MIG TORCH 4M
742188	MT36 MIG TORCH 5M

### WIRE FEEDERS AND ACCESSORIES

802486	COIL ADAPTOR B-300
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### TIG TORCHES

742058	ST26V 4M AX50 TIG TORCH
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## DESCRIPTION

MIG-MAG/FLUX gas shielded/BRAZING/MMA and TIG DC-Lift multiprocess inverter welding machine, with 4-rolls 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.

## DOWNLOAD

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST