



## MASTEMIG 305i



### Overview

#### MASTEMIG 305i

cod. 816200

MIG-MAG/BRAZING/MMA and TIG DC-Lift multiprocess inverter welding machine with 4 rolls wire feeder.

Flexible use with various materials (steel, stainless steel, high strength steel, aluminium, galvanised sheet metal) and wide variety of application fields (sheet metal, maintenance, installation, bodyworks, etc..).

Values setting and displaying of welding progress of the parameters on display.

Set for MIG-MAG welding in 2/4 strokes with reactance adjustment; TIG DC-Lift; MMA.

#### Features:

- Robust construction;
- Reduced weight and dimensions;
- High energy saving;
- Display for dynamic display of set values;

#### MIG-MAG

- 2/4 strokes operation selection;
- Electronic reactance adjustment;

#### MMA

- Synergic adjustment of Arc Force and Hot Start according to the type of electrode in use;
- Anti-stick device;

#### TIG



## MASTERMIG 305i

- DC LIFT striking and display of welding voltage and current.

Protections: thermostatic, overvoltage (+15%), undervoltage(-25%), overcurrent, engine driven generator (+/-15%);

Complete with MIG-MAG torch, electrode holder, cable and earth clamp.



MMA TIG DC LIFT



COIL 15 kg



EAC CERTIFICATION



3 PH 230V-400V



CE MARKING

### Technical data



CODE 816200



MAX ABSORBED CURRENT 26 / 20 A



D. USABLE ELECTRODES IN DC 1,6 - 6 mm



THREE PHASE MAINS VOLTAGE 230/400 V



ABSORBED CURRENT AT 60% - MAX 20 / 15 A



STEEL WELDING WIRE DIAMETER 0,6 - 1,2 mm



MAINS FREQUENCY 50 / 60 Hz



MAX ABSORBED POWER 7,5 / 10 kW



INOX WELDING WIRE DIAMETER 0,8 - 1,2 mm



CURRENT RANGE 20 - 250 / 20 - 270 A



ABSORBED POWER AT 60% 5,8 / 7,5 kW



ALUMINIUM WELDING WIRE DIAM. 0,8 - 1,2 mm



MAX CURRENT DC (EN 60974-1) 220 @ 40 % / 270 @ 40% A



EFFICIENCY 86 V



FLUX CORED WELDING WIRE DIAM. 0,8 - 1,2 mm



DC CURRENT 185 / 220 A



POWER FACTOR (cosphi) 0,73



BRAZING WIRE DIAM. 0,8 - 1,2 mm



MAX NO LOAD VOLTAGE 63 / 63 V

### Included Accessories

TORCH HOOK - 644444

FEED ROLL 4R 0,6FE-0,8/0,9FE "P-K" - 742576

CABLE 25MMQ 3M-WORK CLAMP-ATLAS 50MMQ - 713192

ELECTRODE HOLDER + CABLE 25MMQ 4M AX50 - 804123

FEED ROLL 4R 1,0FE-1,2FE "P-K" - 742366