



SUPERIOR TIG 252 AC/DC



Overview

SUPERIOR TIG 252 AC/DC

cod. 816117

Microprocessor controlled, TIG (high frequency HF or LIFT striking), PULSE TIG and MMA inverter welding machine in direct current and alternating current (AC/DC).

Use with a wide range of materials such as steel, stainless steel, titanium, copper, nickel and their alloys, aluminium, magnesium and their alloys.

Features:

- pulse and EASY pulse operation
- adjustable pre-heating for simpler striking in AC
- TIG regulations: bi-level, start up/end current, spot welding time, pre/post gas, current up/down slope, balance DC AC, square wave frequency
- THINSPOT function for quick and precise tack welding
- MMA regulations: arc force and hot start
- anti-stick device
- VRD device
- remote control and G.R.A. water cooling connector
- thermostatic, overvoltage, undervoltage, overcurrent, water cooling unit protections.

Complete with TIG welding accessories.



REMOTE CONTROLS



CE MARKING



EAC CERTIFICATION

Technical data

| | | | | | |
|------------------------|---------------------------------|-------------------------|-----------------------------------|-------------------------------|---------------------------------------|
| CODE | CODE 816117 | V_{0 DC} | MAX NO LOAD VOLTAGE 102 V | η | EFFICIENCY 85 V |
| V_{3PH} | THREE PHASE MAINS VOLTAGE 400 V | A_{MAX} | MAX ABSORBED CURRENT 12,2 A | φ | POWER FACTOR (cosphi) 0,8 |
| F | MAINS FREQUENCY 50 / 60 Hz | A_{60%} | ABSORBED CURRENT AT 60% - MAX 6 A | Ø_{DC MIN/MAX} | D. USABLE ELECTRODES IN DC 1,6 - 5 mm |



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CURRENT RANGE 5 - 250 A



MAX ABSORBED POWER 7,5 kW



PROTECTION DEGREE IP23



MAX CURRENT DC (EN 60974-1) 230 @ 20 % A



ABSORBED POWER AT 60% 3,3 kW



DIMENSIONS 47 x 19 x 35,5 cm



DC CURRENT 115 A



MAINS FUSE 10 A



WEIGHT 19,6 kg

Included Accessories



ARGON GAS BOTTLE IT ADAPTOR - 432036



GAS REGULATOR 2 MANOMETERS 12 L\min - 722119



TOLEDO 300 WORK CLAMP - 712231

ST26 TIG TORCH AX50 4M - 742614

CABLE 25 MMQ 3 M ATLAS 50MMQ - 713504