



SUPERIOR TIG 422 AC/DC



Overview

SUPERIOR TIG 422 AC/DC

cod. 816134

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

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

Features:

- pulse and EASY pulse operation
- 9 customized welding programmes
- TIG regulations: bi-level, start up/end current, spot welding time, pre/post gas, current up/down slope, balance DC/AC, square wave frequency
- MMA regulations: arc force and hot start according to the type of electrode in use
- anti-stick device
- remote control and G.R.A. water cooling connector
- storage on on-board E2PROM of the last 10 alarms
- thermostatic, overvoltage, undervoltage, inside dirtiness, overcurrent, phase failure, water cooling unit protections.

Complete with TIG welding accessories.



REMOTE CONTROLS



CE MARKING



EAC CERTIFICATION

Technical data

CODE	CODE 816134	V₀ DC	MAX NO LOAD VOLTAGE 64 V	η	EFFICIENCY 85 V
V_{3PH}	THREE PHASE MAINS VOLTAGE 400 V	A_{MAX}	MAX ABSORBED CURRENT 21 A	cosφ	POWER FACTOR (cosφ) 0,9
F	MAINS FREQUENCY 50 / 60 Hz	A_{60%}	ABSORBED CURRENT AT 60% - MAX 13 A	Ø_{DC} MIN/MAX	D. USABLE ELECTRODES IN DC 1,6 - 6 mm
A_{MIN} / A_{MAX} DC	CURRENT RANGE 5 - 350 A	P_{MAX}	MAX ABSORBED POWER 14 kW	IP	PROTECTION DEGREE IP23



SUPERIOR TIG 422 AC/DC



MAX CURRENT DC (EN 60974-1) 350 @ 35 % A



ABSORBED POWER AT 60% 8 kW



DIMENSIONS 53 x 24 x 45 cm



DC CURRENT 250 A



MAINS FUSE 16 A



WEIGHT 36 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