



SUPERIOR TIG 421 DC-HF/LIFT 400V + ACC.



Overview

SUPERIOR TIG 421 DC-HF/LIFT 400V + ACC.

cod. 816132

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

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

Features:

- pulse and EASY pulse operation,
- 9 customized welding programs,
- TIG regulations: bi-level, start up/end current, spot welding time, pre/post gas, current up/down slope, balance DC, 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 816132	V_{0 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	φ	POWER FACTOR (cosphi) 0,9
F	MAINS FREQUENCY 50 / 60 Hz	A_{60% MAX}	ABSORBED CURRENT AT 60% - MAX 13 A	∅_{DC MIN/MAX}	D. USABLE ELECTRODES IN DC 1,6 - 6 mm
A_{MIN MAX DC}	CURRENT RANGE 5 - 350 A	P_{MAX}	MAX ABSORBED POWER 14 kW	IP	PROTECTION DEGREE IP23



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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 31 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