



## SUPERIOR TIG 421 DC-HF/LIFT 400V AQUA



### Overview

#### SUPERIOR TIG 421 DC-HF/LIFT 400V AQUA

cod. 816104

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, stainlesssteel, titanium, copper, nickel 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, 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, trolley and water cooling unit G.R.A..

### Technical data

<b>CODE</b>	CODE 816104	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 21 A	<b>Φ</b>	POWER FACTOR (cosphi) 0,9
<b>V<sub>3PH</sub></b>	THREE PHASE MAINS VOLTAGE 400 V	<b>A<sub>60% MAX</sub></b>	ABSORBED CURRENT AT 60% - MAX 13 A	<b>Ø<sub>DC MIN/MAX</sub></b>	D. USABLE ELECTRODES IN DC 1,6 - 6 mm
<b>F</b>	MAINS FREQUENCY 50 - 60 Hz	<b>P<sub>MAX</sub></b>	MAX ABSORBED POWER 14 kW	<b>IP</b>	PROTECTION DEGREE IP23



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	CURRENT RANGE 5 - 350 A		ABSORBED POWER AT 60% 8 kW		DIMENSIONS 93,5 - 50 - 119,5 cm
	MAX CURRENT 350 A - 35 %		MAINS FUSE 16 A		WEIGHT 67 kg
	CURRENT AT 60% 250 A		EFFICIENCY 85 %		EAN CODE 800489783716 1
	MAX NO LOAD VOLTAGE 64 V				

### Included Accessories

	ARGON GAS BOTTLE IT ADAPTOR - 432036		TOLEDO 300 WORK CLAMP - 712231
	TROLLEY - MONDIAL - 803072		GAS REGULATOR 2 MANOMETERS - 722119
	WATER COOLING UNIT GRA 4000 230V - 802640		