

SUPERIOR TIG 322 AC/DC AQUA + ACC. + TROLLEY



- TIG (HF or LIFT strike), TIG PULSE and MMA in AC/DC inverter welding machine, 270A. 3ph 400V power supply. With TIG welding accessories and water cooling system.
- PULSE and EASY PULSE operation.
- THINSPOT advanced utility for easy, rapid and accurate TIG spot welding of thin sheet metal.
- MMA welding with arc-force adjustment and presence of hot-start device; welds electrodes up to 5mm in diameter.

TECHNICAL DATA

CODE	816131	MAX NO LOAD VOLTAGE IN DC	64 V	POWER FACTOR(cosphi) (cosphi)	0,92
THREEPHASE MAINS VOLTAGE	400 V	MAX ABSORBED CURRENT	15 A	D.USABLE ELECTRODES IN DC	1,6 - 5 mm
MAINS FREQUENCY	50 / 60 Hz	ABSORBED CURRENT AT 60%	11 A	INSULATION CLASS	F
CURRENT RANGE IN DC	5 - 270 A	MAX ABSORBED POWER	10 kW	PROTECTION DEGREE	IP23
MAX CURRENT DC EN60974-1	270 @ 40 % A	ABSORBED POWER AT 60%	7 kW	DIMENSIONS (LxWxH)	93,5x50x119,5cm
CURRENT 35% DC	270 A	MAINS FUSE	16 A	WEIGHT	68 kg
DC CURRENT AT 60%	215 A	EFFICIENCY	85 %		

COMPOUND PRODUCTS

WATER COOLING UNITS

802640 GRA 4000 WATER COOLING UNIT

TIG WELDING KITS

802789 TIG WELDING KIT - ST18 AQUA

TROLLEYS AND ACCESSORIES

803072 TROLLEY - MONDIAL

OPTIONAL ACCESSORIES

ELECTRODE HOLDERS WITH CABLE

804123 ELECTRODE HOLDER + CABLE 25MMQ 4M AX50

REMOTE CONTROLS

802336 RC-20 10 M CONTROL 2POT

802017 FOOT REMOTE CONTROL 14 POLES

GAS REGULATORS

804208 QUICK GAS CONNECTOR

TIG WELDING KITS

802788 TIG WELDING KIT - ST26

MASKS

802936 VANTAGE RED XL

DESCRIPTION

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, cooling unit and trolley

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CATALOG IMAGE



INSTRUCTION MANUAL