

SUPERTIG 302 AC/DC AQUA + ACC.



- TIG AC/DC (HF or LIFT), TIG PULSE (PULSE and EASY PULSE) and MMA inverter welding machine, 270A. With TIG welding accessories and water cooling system.
- With LCD display for interaction and simplified adjustment of the welding parameters.
- PULSE and EASY PULSE operation. THINSPOT advanced utility for easy, rapid and accurate TIG spot welding of thin sheet metal. MIX AC-DC to heat the workpiece to weld and prepare it for AC welding.
- 10 customisable welding programs.
- MMA welding: continuous or pulse mode (MMA Pulse).
- Resistant to dirt and dust thanks to the ventilation system (dedicated tunnel) that preserves the electronic components, guaranteeing longer duration over time. Solid and strong structure.
- Setup for remote controls.

TECHNICAL DATA

CODE	816247	CURRENT 100% DC	130 A	FREQUENCY RANGE AC	10 - 250 Hz
THREEPHASE MAINS VOLTAGE	400 V	CURRENT 100% AC	130 A	PULSED DC FREQUENCY RANGE	0,1 - 400
MAINS TOLERANCE	-25 / +15 %	MAX ABSORBED CURRENT	16 A	TORCH PINS	5
MAINS FREQUENCY	50 / 60 Hz	RANGE V OUT MMA	10 - 36 V	SUPPLY CABLE LENGTH	2,5 m
CURRENT CONTROL RANGE DC	5 - 270 A	MAX NO LOAD VOLTAGE	62 V	ELECTROMAGN. COMPATIBLE CLASS	A
CURRENT CONTROL RANGE AC	5 - 270 A	MAX ABSORBED POWER	7,8 kW	NORM	EN 60974-1 /-3 /-10
MAX CURRENT DC EN60974-1	250 @ 30 % A	FUSE	10 A	INSULATION CLASS	F
MAX CURRENT AC EN60974-1	250 @ 30 % A	ABSORBED POWER idle	29 W	PROTECTION DEGREE	IP23
CURRENT 60% DC	170 A	EFFICIENCY	86 %	DIMENSIONS (LxWxH)	58,5 x 24 x 64 cm
CURRENT 60% AC	170 A	ELECTRODES Ø	1,6 - 5 mm	WEIGHT	37,35 kg

OPTIONAL ACCESSORIES

ELECTRODE HOLDERS WITH CABLE

804123 ELECTRODE HOLDER + CABLE 25MMQ 4M AX50

REMOTE CONTROLS

802336 RC-20 10 M CONTROL 2POT

804456 FPC-200 10 M FOOT CONTROL

GAS REGULATORS

804208 QUICK GAS CONNECTOR

TIG TORCHES - PREMIUM AQUA

743030 ST18A PRO-C 4M AQUA AX50 5P TIG TORCH

743032 ST18A PRO-C 8M AQUA AX50 5P TIG TORCH

743026 ST18A PRO-P 4M AQUA AX50 5P TIG TORCH

743028 ST18A PRO-P 8M AQUA AX50 5P TIG TORCH

WATER COOLING UNITS

802976 COOLANT FOR COOLING SYSTEMS

TROLLEYS AND ACCESSORIES

803072 TROLLEY - MONDIAL

803073 TROLLEY - EUROPA

803079 TROLLEY - COSMOPOLITAN

ACCESSORIES / VARIOUS / SPARE

850020 CLEANTECH 200 + KIT

DESCRIPTION

TIG AC/DC (HF or LIFT), TIG PULSE (PULSE and EASY PULSE) and MMA inverter welding machine.

Use with different types of materials such as steel, stainless steel, aluminium, titanium, copper, nickel, magnesium and their alloys.

Designed to ensure excellent results on every thickness even the thinnest, the PULSE mode (also in the EASY PULSE version) reduces material deformation ensuring high arc stability.

Presence of advanced features: MIX AC-DC for preparation of AC welding of workpieces with considerable weights; THINSPOT for spot welding of very thin sheet metal.

The LCD screen facilitates interaction with the product and simplifies adjustment of multiple parameters of the TIG welding curve depending on processing needs.

You can save and retrieve customised programs.

Electrode welding both in continuous and pulsed mode (MMA Pulse) which ensures excellent results with basic electrodes and in position welding.

Designed for reliability over time, it features a dedicated air tunnel cooling system that protects against dust and dirt.

Features:

TIG

- operation in pulse and EASY pulse mode; in 2/ 4 times, Bi Level;
- 10 customisable welding programs;
- adjustment of multiple welding curve parameters: pre-heating electrode, initial/final current, spot time, pre/post gas, start/end current ramp, DC/AC balance, square wave frequency;
- advanced functions: THINSPOT for spot welding of very thin sheet metal; MIX AC-DC to heat the workpiece to weld and prepare it for AC welding;
- optimised minimum current start-up (HF/LIFT);
- set up for remote control;
- compatibility with PRO torches;

MMA

- direct current and pulse (MMA PULSE) operation;
- hot start, arc force settings;
- anti-stick protection;
- VRD device;

Other features:

- LCD screen for simplified interaction and immediate display and parameter setting;
- reliability over time thanks to cooling system with dedicated air tunnel that protects against dust and dirt;
- ensures the best performance even in the presence of undervoltages (up to -25%) and overvoltages (+ 15%);
- compact and robust design for easier transport and less space needed;
- thermostatic, overvoltage, undervoltage, internal dirt, overcurrent, phase failure, liquid of cooling unit protections.

Complete with TIG welding accessories and GRA 4000 water cooling unit.

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE

USEFUL LINKS



VIDEO