

INVERSPOTTER 14000 SMART AQUA + ACC.



- Inverter spot welding machine with Wave OS technology and TFT colour panel. With liquid cooled pneumatic clamp.
- SMART AUTOSET technology: automatic setting of the spot welding parameters thanks to type and thickness detection of the materials to weld.
- POWER GUN technology: power circuits integrated in the clamp. Long (5m) and light cables for ample action range.
- Saving spot welding data via USB. Spot Welding Data Management for reading and processing spot welding data.
- Optional connectivity kit for data transfer via Wi-Fi.
- Numerous arms and electrodes available.

TECHNICAL DATA

CODE	823350	RATED POWER X=50%	10 kW	DUTY CYCLE	2 %
THREEPHASE MAINS VOLTAGE	400 V	MAINS FUSE	32A A	INSULATION CLASS	H
MAINS FREQUENCY	50 / 60 Hz	POWER FACTOR(cosphi) (cosphi)	0,8	PROTECTION DEGREE	IP20
MAX SPOT-WELDING CURRENT	15000 A	INVERTER FREQUENCY	8000 Hz	DIMENSIONS (LxWxH)	80 x 52 x 115 cm
SECONDARY NO LOAD VOLTAGE	13 V	MAX WELD.THICK.2 SHEETS	3 + 3 + 3 mm	WEIGHT	100 kg
MAX ABSORBED POWER	68 kW	MAX ELECTRODES POWER	580 daN		

SUPPLIED ACCESSORIES

801067	PNEUMATIC "C" GUN SMART AQUA
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OPTIONAL ACCESSORIES

SPOT WELDING CLAMPS

801063	X POWER GUN 5M
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ARMS/ELECTRODES - INVERSPOTTER

803169	CA1 ARM L=95 MM + ELECTRODE
803170	CA2 ARM L=95MM + ELECTRODE
803171	CA3 ARM L=300MM + ELECTRODE
803172	CA4 ARM L=550MM + ELECTRODE
803181	CA5 ARM L=42MM + ELECTRODE
803187	CA6 ARM L=430MM + ELECTRODE
803189	CA7 SHARK BRAZ L=635MM

802868	CA1 ELECTRODE KIT long/short
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802767	CMKA - CAPS A MAINTENANCE KIT
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OTHER INVERSPOTTER ACCESSORIES

802866	360 RING KIT
802650	LOAD BALANCER AND SUPPORT KIT IS SMART
802699	STUDDER KIT - INVERSPOTTER 13500/14000
803106	WALL ARMS ORGANISER KIT
804073	MACHINE ANTIDUST COVER

WATER COOLING UNITS

804775	COOLANT FOR COOLING SYSTEMS 10L
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DESCRIPTION

Medium frequency, direct current (MFDC) inverter technology, microprocessor controlled resistance welding machine.

The POWER GUN technology allows for high spot-welding currents with low absorption rates, the use of longer (5m) and lighter cables for a better holding and a wider range of action and minimum magnetic fields around the cables. Automatic pressure monitoring ensures excellent adjustment of the force applied to the gun electrodes. It is particularly suitable for body shop applications and industrial use and gives excellent results also on high strength steel (HSS)/boron and galvanised metal sheets.

The innovative SMART AUTOSET technology, thanks to the automatic recognition of the materials and thickness, eliminates set-up times and guarantees optimal spot welding even if the types of steel to be processed are not known.

The WAVE technology facilitates interaction with the machine and tracks all operating parameters for their processing and reporting.

The multifunction digital panel can be used to select the automatic Smart Autosest mode as well as the EASY and the manual mode; the programmes and reports there generated can be transferred to a USB pen drive.

Features:

- pre- and post-heating for interventions on HSS and galvanized metals;
- automatic recognition of the arm and inserted tool;

- monitoring of mains voltage;
- automatic cooling control of machine, clamp and cables;
- regulation of approach, slope, welding and holding times;
- regulation in pulsed welding;
- automatic/manual regulation of pressure between electrodes.

Complete with water-cooled pneumatic gun.

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



CERTIFICATE



SOFTWARE/APP