

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, compatible with the Quantum app.
- Numerous arms and electrodes available.

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 Autoset 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.



TECHNICAL DATA

CODE	CODE 823350	V_{3PH}	THREEPHASE MAINS VOLTAGE 400 V	F	MAINS FREQUENCY 50 / 60 Hz
A_{OUT}	MAX SPOT-WELDING CURRENT 15000 A	V₀	SECONDARY NO LOAD VOLTAGE 13 V	P_{MAX}	MAX ABSORBED POWER 68 kW
P_{50%}	RATED POWER X=50% 10 kW	φ	POWER FACTOR(cosphi) (cosphi) 0,8	FL	INVERTER FREQUENCY 8000 Hz
	MAX WELD. THICK. 2 SHEETS 3 + 3 + 3 mm		MAX ELECTRODES POWER 580 daN	DUTY CYCLE	DUTY CYCLE 2 %
IP	PROTECTION DEGREE IP20		DIMENSIONS (LxWxH) 80 x 52 x 115 cm		WEIGHT 100 kg

SUPPLIED ACCESSORIES

PNEUMATIC "C" GUN SMART AQUA
801067

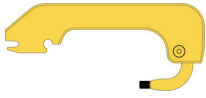
ON REQUEST ACCESSORIES



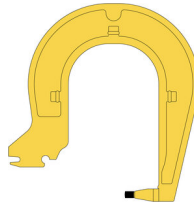
LOAD BALANCER AND SUPPORT
KIT
802650



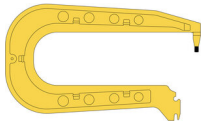
CMKA - CAPS A MAINTENANCE
KIT
802767



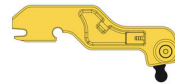
CA2 ARM L=95MM +
ELECTRODE
803170



CA3 ARM L=300MM +
ELECTRODE
803171



CA4 ARM L=550MM +
ELECTRODE
803172



CA5 ARM L=42MM +
ELECTRODE
803181



X POWER GUN 5M
801063



PNEUMATIC "C" GUN SMART
AQUA
801072



STUDDER KIT - INVERSPOTTER
SMART
802699



360 RING KIT
802866



COOLANT FOR COOLING
SYSTEMS
802976



WI-FI CONNECTIVITY KIT X
INVERSPOTTER
803069

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



SOFTWARE/APP