



- 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.

## TECHNICAL DATA

CODE	<b>823349</b>	THREEPHASE MAINS VOLTAGE	<b>400 V</b>	MAINS FREQUENCY	<b>50 / 60 Hz</b>
MAX SPOT-WELDING CURRENT	<b>12000 A</b>	SECONDARY NO LOAD VOLTAGE	<b>9 V</b>	MAX ABSORBED POWER	<b>41 kW</b>
RATED POWER X=50%	<b>8 kW</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,95</b>	INVERTER FREQUENCY	<b>5000 Hz</b>
MAX WELD.THICK.2 SHEETS	<b>3 + 3 + 3 mm</b>	MAX ELECTRODES POWER	<b>400 daN</b>	DUTY CYCLE	<b>2 %</b>
PROTECTION DEGREE	<b>IP20</b>	DIMENSIONS (LxWxH)	<b>79 x 45 x 90 cm</b>	WEIGHT	<b>81 kg</b>

## SUPPLIED ACCESSORIES

801072 PNEUMATIC "C" GUN SMART AQUA

## ON REQUEST ACCESSORIES

### SPOT WELDING CLAMPS

801063 X POWER GUN 5M

### ARMS/ELECTRODES - INVERSPOTTER

803169 CA1 ARM L=95MM + 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

690130 STRAIGHT ELECTRODE - FLAT L=18MM

690166 CAP "C" ROUND CA L=25MM

802868 ELECTRODE HOLDER KIT - long/short

804363 CMKB - CAPS B MAINTENANCE KIT

### OTHER INVERSPOTTER ACCESSORIES

802866 360 RING KIT

802650 LOAD BALANCER AND SUPPORT KIT

802699 STUDDER KIT - INVERSPOTTER SMART

803106 WALL ARMS ORGANISER KIT

321132 GREASE

### WATER COOLING UNITS

802976 COOLANT FOR COOLING SYSTEMS

## 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 Autoselect 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

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



SOFTWARE/APP