



- Column resistance welding machine (spot welding machine) with movable arms with pneumatic activation, with multi-functional LCD digital panel. Continuous and pulse operation on steel, stainless steel and galvanised sheet metal.
- Possibility of working in EASY or EXPERT mode. Up to 20 customisable spot welding programs.
- Adjustment of the spot welding current (%), spot welding time (cycles), pressure and speed of electrodes closure and air flow adjustment for slowing arms closure. Choice of various spot welding cycle parameters.
- Requires liquid cooling of electrodes and arms.

## TECHNICAL DATA

CODE	<b>824053</b>	TWO-PHASE MAINS VOLTAGE	<b>400 V</b>	MAINS FREQUENCY	<b>50 / 60 Hz</b>
MAX SPOT-WELDING CURRENT	<b>16400 A</b>	SECONDARY NO LOAD VOLTAGE	<b>4,2 V</b>	MAX ABSORBED POWER	<b>60 kVA</b>
RATED POWER CONSUMPTI.X=50%kVA	<b>25</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,7</b>	MAX WELD.THICK.2 SHEETS	<b>5 + 5 mm</b>
MAX ELECTRODES POWER	<b>220 daN</b>	ARMS PROJECTION	<b>330 mm</b>	DUTY CYCLE	<b>5,5 %</b>
PROTECTION DEGREE	<b>IP20</b>	DIMENSIONS (LxWxH)	<b>79 x 32 x 128 cm</b>	WEIGHT	<b>148 kg</b>

## SUPPLIED ACCESSORIES

690035 STANDARD STRAIGHT ELECTRODE XP

## ON REQUEST ACCESSORIES

### ARMS/ELECTRODES - PTE-PCP

803101 XP2 KIT ARMS 500 MM

803102 XP3 KIT ARMS 700 MM

690035 STANDARD STRAIGHT ELECTRODE XP

690036 BENT ELECTRODE XP

443020 ELECTRODE HOLDER XP

### WATER COOLING UNITS

802043 GRA 90 WATER COOLING UNIT

802976 COOLANT FOR COOLING SYSTEMS

802954 KIT AQUA HOSES

## DESCRIPTION

Column spot welding machine with movable arms, microprocessor digitally controlled.

The digital, multifunction LCD control panel allows to operate: in EASY mode (setting of spot welding current and time); in EXPERT mode (setting of different spot welding parameters) storing up to 20 customised programmes. It operates both in continuous and pulse mode and grants optimum results on different kinds of steel.

Features:

- adjustment of spot welding current (%), time (cycles), force and speed rate of electrodes compression;
- choice of various parameters of the spot welding cycle (approach, slope, welding and pause time and pulse number);
- easy to read LCD display;
- pneumatic pedal control;
- gap setting of the arms;
- thermal protection with indicator;
- air flow regulation for the slow closing of the arms.

The model requires water cooling for electrodes and arms.

## DOWNLOAD

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST