



- Column resistance welding machine (spot welding machine) with movable arms with mechanical 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	824051	RATED POWER CONSUMPTI.X=50%kVA	25	INSULATION CLASS	H
TWO-PHASE MAINS VOLTAGE	400 V	POWER FACTOR(cosphi) (cosphi)	0,7	PROTECTION DEGREE	IP20
MAINS FREQUENCY	50 / 60 Hz	MAX WELD.THICK.2 SHEETS	5 + 5 mm	DIMENSIONS (LxWxH)	79 x 32 x 128 cm
MAX SPOT-WELDING CURRENT	16400 A	MAX ELECTRODES POWER	220 daN	WEIGHT	147 kg
SECONDARY NO LOAD VOLTAGE	4,2 V	ARMS PROJECTION	330 mm		
MAX ABSORBED POWER	60 kVA	DUTY CYCLE	5,5 %		

SUPPLIED ACCESSORIES

443021	ARM L=350MM
690035	STANDARD STRAIGHT ELECTRODE XP

OPTIONAL 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
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 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;
- Mechanical pedal control;
- Gap setting of the arms;
- Thermal protection with indicator.

The model requires water cooling for electrodes and arms.