



- Micro-processor controlled resistance welding machine (spot welding machine). It implements a new Fuzzy logic control system that simplifies its use and increases the spot welding quality.
- Suitable for spot welding of sheets with maximum thickness 2+2mm.
- Automatic adjustment of spot welding parameters (time, current) according to sheet metal thickness.
- Pulse operation for HSS, galvanised and oxidised sheet metal.

## TECHNICAL DATA

CODE	<b>823016</b>	RATED POWER CONSUMPTI.X=50%kVA	<b>1,4</b>	INSULATION CLASS	<b>B</b>
SINGLEPHASE MAINS VOLTAGE	<b>230 V</b>	MAINS FUSE	<b>25 A</b>	PROTECTION DEGREE	<b>IP20</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,9</b>	DIMENSIONS (LxWxH)	<b>44 x 10 x 18,5 cm</b>
MAX SPOT-WELDING CURRENT	<b>6900 A</b>	MAX WELD.THICK.2 SHEETS	<b>2 + 2 mm</b>	WEIGHT	<b>10,5 kg</b>
SECONDARY NO LOAD VOLTAGE	<b>2,5 V</b>	DUTY CYCLE	<b>1,5 %</b>		

## SUPPLIED ACCESSORIES

690005	ELECTRODE HOLDER ARM L=120MM
690049	STRAIGHT ELECTRODE L=100MM D.12MM
690050	STRAIGHT ELECTRODE L=50MM D.12MM

## OPTIONAL ACCESSORIES

### ARMS/ELECTRODES - SPOTTER 9000

803045	ARMS KIT FOR PNEUMATIC CLAMP
803151	XA1 STRAIGHT ARMS L=120 MM + ELECTRODES
803150	XA2 STRAIGHT ARMS L=120 MM + BENT ELECTRODES
803158	XA3 ARMS + ELECTRODES FOR EXTERNAL PROFILES
803155	XA4 STRAIGHT ARMS L=120 MM + CLAMP ELECTRODES
803159	XA5 ARMS + ELECTRODES FOR INTERNAL PROFILES
803152	XA6 STRAIGHT ARMS L=250MM + ELECTRODES
803153	XA7 STRAIGHT ARMS L=350 MM + BENT ELECTRODES
803154	XA8 SHAPED ARMS L=350MM + ELECTRODES
803156	XA9 SHAPED ARMS L=500 MM + ELECTRODES

## DESCRIPTION

Microprocessor controlled, spot welding machine. It implements a new Fuzzy logic control system that simplifies its use and increases the spot welding quality.

Suitable for spot welding of sheets with maximum thickness 2+2mm.

Features:

- automatic regulation of the spot welding current and time according to the material thickness;
- choice between continuous and pulse operation (suitable for sheets with high yield points - high stress);
- arms pressure adjustable from 40 kg to 120 kg (with arms L= 120 mm);
- handgrip made out of thermic isolating material;
- thermal protection.

## DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE