

DELTA 1200



The **DELTA 1200** is a manual hydraulic mirror welding machine, suitable for welding pressure pipe systems for water, gas, or other media. The machine has a range of **710 to 1200 mm** and is built according to international standards (UNI 10565, ISO 12176-1).

The machine contains:

- A machine sled with frame, 4 clamps, 2 hydraulic cylinders and hydraulic hoses with anti-leak couplings that can be plugged in and out quickly.
- A PTFE coated heating plate with separate thermometer, and a high-precision digital-electronic thermoregulator "Digital Dragon" ($\pm 1\%$). This system contains LED indicators and monitors the normal operation of the machine (voltage and temperature control).
- An attachment on the machine carriage, which helps remove the mirror during the welding procedure.
- A removable surface planer to straighten the ends of the tube/fitting. It includes a safety micro-switch and a thermal circuit breaker.
- An electric-hydraulic wheeledsteering boxfitted with asear; a lever to operate the clamps (open-close), a maximum pressure and discharge valve (also usable for the "dual pressure" welding process), an analog reading of the current pressure and a timer to keep an eye on the load times. The control box is equipped with a connection for the electronic datalogging unit "THE INSPECTOR".
- A holder for flat planer and heating plate

With the **DELTA 1200** you can weld tubes and fittings such as knieën, te-pieces, Y-pieces and collar bushings. This is possible because the 3rd clamp can be attached to the 1st and 2nd (sliding) clamp. The fitting itself is fixed in the 4th clamp. Short collars can be welded with a special tool (on request).

TECHNICAL DATA

		DELTA 1200
Diameter range	Ø	710 - 1200 mm
SDR range	SDR	SDR 41 - 6
Materials		HDPE, PP
Power supply		400 V 3F+N+PE
Total power consumption	W	28200 W
Recommended generator		50 KWVa
Temperature setting range	°C	180°C / 280°C
Ambient temperature	°C	-10°C / 40°C
Time needed to reach welding temperature		< 45'
Noise level	Lwa	LpA 79.2 dB (A)
Memory		-
Pre-adjustable welding cycles		-
Wi-Fi ready		-
GPS		-
Mirror temperature		Adjustable
Mirror temperature readable		Digital
Automatic extraction of heating plate		-
Automatic extraction of flat planer		-
Smartlock inserts		-
Lifting support clamps-heating plate-flat planer		-
Dimensions machine-base	L x W x H	2465 x 1870 x 1900 mm
Dimensions control box	L x W x H	1369 x 600 x 713 mm
Machine base weight	Kg	2500 kg
Handlebar box weight	Kg	120 kg
Weight flat planer	Kg	500 kg
Heating plate weight	Kg	135 kg
Holder weight	Kg	265 kg
Weight standard composition	Kg	3520 kg

MACHINES

91550510	DELTA 1200 V1 TE (400V - 3~)
91550514	DELTA 1200 V1 TE (400V - 3~) with Inserts Ø 710 - 1000 mm

OPTIONS

87298374	Complete SET of Inserts Ø710-1000mm
87297571	Inserts Ø 710mm
87297841	Inserts Ø 800mm
87298111	Inserts Ø 900mm
87298375	Master Inserts Ø 1000mm
87298632	Inserts Ø 1100mm
83591802	Electrical Crane
86311550	Raised Platform Deck
80401552	Tool for Flange Necks
84421550	Trolley KIT Heating Plate and Milling Cutter
81211550	Trolley for Machine Basics

SPARE PARTS

87061551	Electric Box with Thermoregulator (400V)
92155004	Gearcase 2,2 kw - 400V
90090642	Heating plate (400V)
81741572	Machine Body and Tool Kit
81801554	Milling Cutter (400V)
83621552	O-Ring SET for Cylinders 81491551
84462900	SET of Blades for Milling Cutter (8 pcs)
88161552	Support for Milling Cutter/ Heating plate