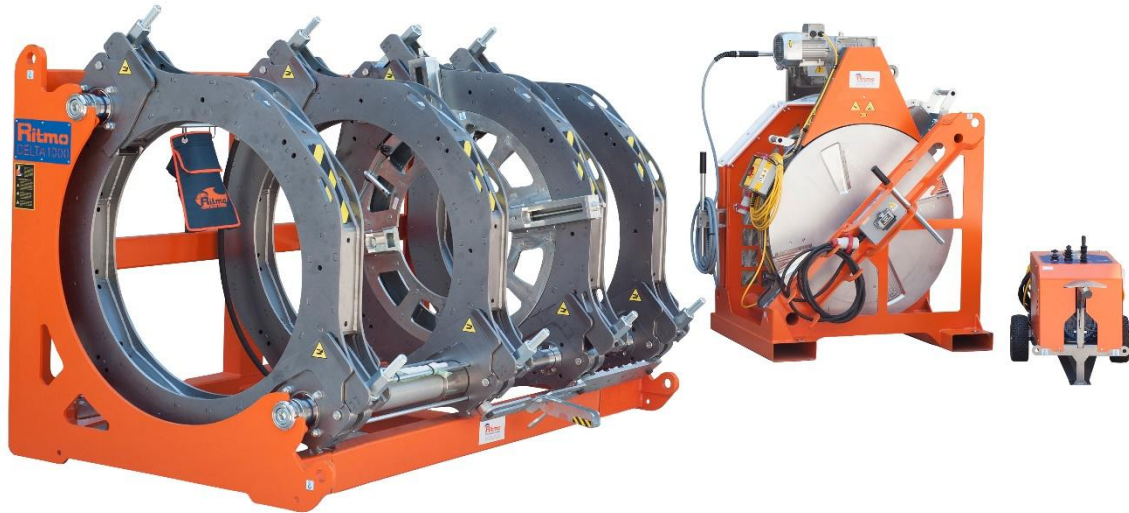


DELTA 1000



The **DELTA 1000** 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 **630 to 1000 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 1000** 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 1000
Diameter range	Ø	630 - 1000 mm
SDR range	SDR	SDR 41 - 6
Materials		HDPE, PP
Power supply		400 V 3F+N+PE
Total power consumption	W	25000 W
Recommended generator		40 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	2386 x 1746 x 1711 mm
Dimensions control box	L x W x H	1369 x 600 x 713 mm
Machine base weight	Kg	2090 kg
Handlebar box weight	Kg	120 kg
Weight flat planer	Kg	388 kg
Heating plate weight	Kg	120 kg
Holder weight	Kg	244 kg
Weight standard composition	Kg	2962 kg

MACHINES

91800003 DELTA 1000 V2 (400V - 3~)

OPTIONS

87281800 Complete SET of Inserts Ø 630 - 900mm
83591802 Electrical Crane
87297300 Inserts Ø 630mm
87297570 Inserts Ø 710mm
87297840 Inserts Ø 800mm
87298110 Inserts Ø 900mm
80401800 Tool for Flange Necks
81211550 Trolley for Machine Basics

SPARE PARTS

87061551 Electric Box with Thermoregulator (400V)
92155004 Gearcase 2,2 kw - 400V
90063500 Heating plate (400V)
81741803 Machine Body and Tool Kit
81801802 Milling Cutter (400V)
83621531 O-Ring SET for Cylinders 81491801
84462900 SET of Blades for Milling Cutter (8 pcs)
88161472 Support for Milling Cutter/ Heating plate