



DELTA 1000 BUTT WELDER

WORKING RANGE: 630 - 1000 MM

BY RITMO

●
Ultimate Solutions.
Intelligent Delivery.

● FEATURES

- Technical assistance offered before sale and after sale.
- Free onsite team training with any butt welder purchase once machine is delivered.
- Stock of all critical components as spares in NZ.
- Servicing of all machines done here in NZ in our workshop. No requirement to send your machine offshore.
- A machine body with a steel bearing frame, four steel clamps and two hydraulic thrust cylinders with non-drip quick couplings and steel inserts.
- Self detaching device: helps removing the heating plate during welding procedure.
- An extractable heating plate with separate thermometer for reading the working temperature.
- An extractable electric milling cutter for shaving the ends of the pipe and/or fitting, with a safety microswitch and overload cutout. The milling cutter's plastic control box is protected by a metal frame, and equipped with a fast removal system to speed up the extraction from the machine body.
- An electrohydraulic gearcase with a clamps opening and closing lever, maximum pressure and release valves (also useful when welding with the "Dual Pressure" procedure), hydraulic hoses with non-drip quick couplings and built-in timer. The machine is preset for the connection of the electronic controller for THE INSPECTOR 2.0 datalogger by Ritmo.
- Digital electric connections box with the high precision ($\pm 1^{\circ}\text{C}$) "Digital Dragon" temperature controller protected by a special container and equipped with a reading display and keys for temperature adjustment.
- Milling cutter/heating plate support frame.
- Adjustable 3rd clamp. With the DELTA 1000 it is possible to weld fittings such as elbows, tees, wyes and stub ends because the 3rd clamp can be anchored to the 1st and 2nd (movable) and slide along with the pipe. The fitting has to be positioned in the 4th clamp. Short neck stub ends can be welded with the help of a special tool (on request).

● STANDARD COMPOSITION



MACHINE BODY



DETACH DEVICE FOR HEATER



GEAR CASE



HEATING PLATE



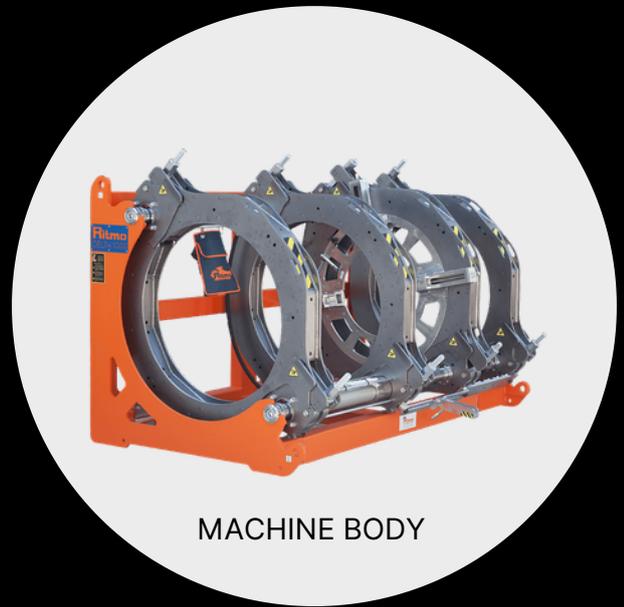
MILLING CUTTER



SUPPORT



ELECTRONIC THERMOREGULATOR



MACHINE BODY

● ABOUT

This is a self-aligning machine, suitable for welding ducts for the transport of water, gas and other fluids under pressure, up to $\varnothing 1000\text{mm}$. The DELTA 1000 was designed in accordance with the International correspondent standards (UNI 10565, ISO 12176-1).

● BENEFITS

The DELTA system designed by RITMO offers the below benefits:

- Easy setting and easy to use
- Avoid mistakes
- Ready for external electronic datalogger
- "Digital Dragon" temperature controller
- Wide product range
- Reliability and precision
- Affordable system
- 100% quality

ON REQUEST



INSERTS
630 - 900 MM



TOOL FOR FLANGE
NECKS



TROLLEY



EXTERNAL
DATALOGGER



ELECTRIC
CRANE



ROLLERS

TECHNICAL FEATURES

MODEL	DELTA 1000
Working range *	630 - 1000 mm
Materials	HDPE, PP For other materials contact RITMO S.P.A.
Power supply	400 V 3F+N+PE 50/60 HZ
Total absorbed power*	25000 W
Working temperature	180° - 280° C
Outside temperature range	-10° - 40° C
Time to reach welding temperature	<45 minutes
Dimensions machine body (W x D x H)	2386 x 1746 x 1711 mm
Weight machine body	2090 Kg
Weight standard composition	2942 Kg

PLUS

- Wired ready to accept external INSPECTOR datalogger

* Suggested power generator 40kVA

