PE WELDING EQUIPMENT · BUTT FUSION

Ritmo DELTA 1200 Butt Fusion Machine

Self-aligning hydraulic butt fusion machine for welding large-diameter HDPE pressure ducts from Ø710 to Ø1200 mm (DELTA 48": 28" – 48" IPS).

Ø710 – Ø1200 MM | 400 V · 28200 W | 50 KVA GEN. | LIFTING HOLES



FEATURES

- Self-aligning butt fusion machine for large-diameter pressure ducts carrying water and other fluids
- Designed to international standards UNI 10565 and ISO 12176-1
- Machine body with bearing frame, four steel clamps, two hydraulic thrust cylinders with non-drip quick couplings and steel inserts
- Extractable heating plate with separate thermometer
- Extractable electrically controlled milling cutter with self-detaching device, safety microswitch, overload cut-out and emergency push button
- Electro-hydraulic gearcase with clamp lever, maximum pressure and discharge valves (“Dual Pressure”), non-drip hoses, timer and differential circuit breaker
- Milling cutter / heating plate support with electronic thermoregulator
- Lifting holes in the chassis for rapid, easier handling
- 3rd clamp anchors to the movable clamps to weld elbows, tees, branches and flange necks; reduced-tang necks with optional tool

STANDARD COMPOSITION


Machine body


Detach device for heater


Gearcase


Electronic thermoregulator


Milling cutter


Heating plate


Support

Also supplied: Trolley for support heating plate / facer

TECHNICAL FEATURES

Parameter	Value
Working range	DELTA 1200: Ø710 – Ø1200 mm · DELTA 48": 28" IPS – 48" IPS
Materials	HDPE, PP — for other materials contact Ritmo
Power supply	400 V 3F+N+PE 50/60 Hz
Total absorbed power	28200 W
Suggested power generator	50 kVA
Working temperature	180 – 280 °C (356 – 536 °F)
Outside temperature range	-10 – 40 °C (14 – 104 °F)
Time to reach welding temperature	< 45 min
Dimensions machine body (W × D × H)	2465 × 1870 × 1900 mm
Weight machine body	2500 kg (5510 lb)
Weight trolley	830 kg (1830 lb)

ON REQUEST

- Tool for flange necks
- Electrical crane
- THE INSPECTOR data-logging
- Rollers
- Trolley for machine body
- Inserts Ø710 – Ø1100 mm, master Ø1000 mm
- DELTA 48" inserts Ø28" – 48" IPS; Ø30" – 42" DIPS

The information and photos in this publication are not binding and Ritmo S.p.A. is free to make any alterations without prior notice. Global Water Group — your trusted Ritmo distributor for PE welding solutions.

globalwatergroup.com
sales@globalwatergroup.com
+61 7 3517 5595

LOCATION
36 Hub Crescent, Heathwood QLD 4110 (Head Office)