PE WELDING EQUIPMENT · BUTT FUSION

Ritmo DELTA 500 Butt Fusion Machine

Self-aligning hydraulic butt fusion machine for welding pressure ducts from Ø200 to Ø500 mm — water, gas and oil.

Ø200 – Ø500 MM | 400 V 3-PHASE · 7200 W | 12 KVA GEN. | DIGITAL DRAGON



FEATURES

- Self-aligning butt fusion machine for pressure ducts carrying water, gas and other fluids
- Designed to international standards UNI 10565 and ISO 12176-1
- Machine body with steel bearing frame, four steel clamps, two hydraulic thrust cylinders with non-drip quick couplings and steel inserts
- Self-detaching device assists removal of the heating plate during welding
- Extractable heating plate with separate thermometer
- Extractable electric milling cutter with safety microswitch and overload cut-out; metal-framed control box with fast removing system
- Electro-hydraulic gearcase with clamp lever, maximum pressure and release valves (“Dual Pressure”), non-drip hoses and timer; preset for THE INSPECTOR
- “Digital Dragon” high-precision (±1 °C) temperature controller in a protective enclosure
- 3rd clamp anchors to the movable clamps to weld elbows, tees, wyes and stub ends; short-neck stub ends with optional tool

STANDARD COMPOSITION


Machine body


Detach device for heater



Gearcase


Electronic thermoregulator


Milling cutter


Heating plate


Support

Also supplied: Inserts Ø8" – 18" IPS; 8" – 18" DIPS · Pre-insulated bag for heating plate · Wooden transport case or metal cage for machine body / trolley and gearcase / plate / cutter

TECHNICAL FEATURES

Parameter	Value
Working range	Ø200 – Ø500 mm · 8" IPS – 18" DIPS
Materials	HDPE, PP, PVDF — for other materials contact Ritmo
Power supply	400 V three phase 50/60 Hz
Total absorbed power	7200 W
Suggested power generator	12 kVA
Working temperature	180 – 280 °C (356 – 536 °F)
Outside temperature range	-10 – 40 °C (14 – 104 °F)
Time to reach welding temperature	< 20 min
Dimensions machine body (W × D × H)	1265 × 790 × 780 mm
Weight machine body	230 kg (507 lb)
Weight standard composition	408 kg (900 lb)

ON REQUEST

- Rollers
- THE INSPECTOR data-logging
- Electrical crane
- Trolley
- Tool for flange necks
- Inserts Ø200 – Ø450 mm

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)