PE WELDING EQUIPMENT · BUTT FUSION

Ritmo DELTA 630 Butt Fusion Machine

Self-aligning hydraulic butt fusion machine for welding pressure ducts from Ø280 to Ø630 mm — water, gas and oil.

Ø280 – Ø630 MM | 400 V 3-PHASE · 12350 W | 18 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 Ø10" – 24" IPS; 10" – 20" DIPS · Wooden transport case or metal cage for machine body / trolley and gearcase / plate / cutter

TECHNICAL FEATURES

Parameter	Value
Working range	Ø280 – Ø630 mm · 10" IPS – 24" IPS
Materials	HDPE, PP, PVDF — for other materials contact Ritmo
Power supply	400 V three phase 50/60 Hz
Total absorbed power	12350 W
Suggested power generator	18 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)	1550 × 1010 × 1000 mm
Weight machine body	415 kg (915 lb)
Weight standard composition	708 kg (1560 lb)

ON REQUEST

- THE INSPECTOR data-logging
- Electrical crane
- Trolley
- Tool for flange necks
- Rollers
- Hydraulic rollers
- Inserts Ø280 – Ø560 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.

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