PE WELDING EQUIPMENT · BUTT FUSION

Ritmo DELTA 800 Butt Fusion Machine

Self-aligning hydraulic butt fusion machine for welding pressure ducts from Ø500 to Ø800 mm — water, gas and oil.

Ø500 – Ø800 MM | 400 V · 16500 W | 30 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 bearing frame, four 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 safety microswitch and overload cut-out
- Electro-hydraulic gearcase with clamp lever, maximum pressure and discharge valves (“Dual Pressure”), non-drip hoses and timer
- Extractable electrical panel with heating plate outlet, electronic thermoregulator, differential circuit breaker and THE INSPECTOR connection
- 3rd clamp anchors to the movable clamps to weld bends, 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: Inserts Ø20" – 30" IPS; 18" – 24" DIPS

TECHNICAL FEATURES

Parameter	Value
Working range	Ø500 – Ø800 mm · 20" IPS – 30" IPS
Materials	HDPE, PP, PVDF — for other materials contact Ritmo
Power supply	400 V 3F+N+PE 50/60 Hz
Total absorbed power	16500 W
Suggested power generator	30 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)	2100 × 1350 × 1300 mm
Weight machine body	821 kg (1810 lb)
Weight standard composition	1260 kg (2777 lb)

ON REQUEST

- Inserts Ø500 – Ø710 mm
- Tool for flange necks
- Trolley
- Electrical crane
- THE INSPECTOR data-logging
- Rollers

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