PE WELDING EQUIPMENT · BUTT FUSION · SEMI-AUTOMATIC

# Ritmo DELTA 500 EASY LIFE Butt Fusion Machine

Self-aligning butt fusion machine for pressure pipes up to Ø500 mm (18" IPS), with the automated welding process managed by the Easy Life gearcase.

Ø200 – Ø500 MM | 400 V 3-PHASE · 7200 W | 12 KVA GEN. | WI-FI READY




## EASY LIFE SYSTEM

### Automated cycle
Operator confirms each phase with a single button; pressure adjustments handled automatically

### 4,000 welds
Internal data logging with PDF reports downloadable via USB

### 50 pre-sets
Customisable welding cycles stored on the gearcase

### SET & GO PRO
Wi-Fi ready — Android app for setup, GPS, barcodes and reports

## FEATURES

- Self-aligning butt fusion machine for pressure pipes carrying water, gas and other fluids; built to UNI 10565 and ISO 12176-1
- Machine body with steel load-bearing frame, four steel clamps and two hydraulic cylinders with non-drip quick couplings and steel inserts
- Self-detaching device assists removal of the heating plate during the welding cycle
- Extractable heating plate with separate thermometer
- Extractable electric milling cutter with safety microswitch and overload protection; metal-framed control box with quick-removal system
- Easy Life electro-hydraulic control unit in an impact- and corrosion-resistant box — repeats welding cycles and controls preset parameters automatically; the operator only confirms each phase
- Wi-Fi ready and compatible with the SET & GO PRO app; graphic display for fast parameter setup
- Data logging of up to 4,000 welds with time stamp; PDF reports exported via USB
- Third clamp fixes to the movable clamps to weld elbows, tees, wyes and stub ends; short-neck stub ends with optional accessory

## TECHNICAL FEATURES

| Parameter | Value |
|---|---|
| Working range | Ø200 – Ø500 mm · up to 18" IPS |
| Materials | HDPE, PP, PVDF |
| Power supply | 400 V three phase 50/60 Hz |
| Total absorbed power | 7200 W |
| Suggested power generator | 12 kVA |
| Working temperature | 180 – 280 °C |
| Outside temperature range | -10 – 40 °C |
| Time to reach welding temperature | < 20 min |
| Memory | 4000 welding cycles |
| Pre-set welding cycles | 50 customised |
| Dimensions machine body (W × D × H) | 1265 × 790 × 780 mm |
| Dimensions Easy Life gearcase (W × D × H) | 585 × 384 × 463 mm |
| Weight machine body | 230 kg |
| Weight standard arrangement | 418 kg |

## STANDARD INCLUSIONS


Machine body


Detach device for heater

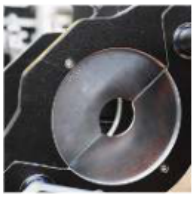

Easy Life gear case


Facer / Miller


Heating plate


Facer / Heater cradle

## OPTIONAL EXTRAS


Inserts Ø 200-450mm


Stub Chuck


Machine Body trolley


Electric Crane


Rollers


App "Set & Go Pro"

## SET & GO PRO APP

**Wi-Fi control** — sends parameters to the machine and manages the welding process

**Data collection** — scans pipe/fitting barcodes and operator badges, records GPS weld locations, before-and-after photos

**Welding reports** — PDF reports with graphs, pressures and times; share by email or WhatsApp

**Setup** — choose ISO, DVS, UNI or ASTM standard, pipe diameter and SDR

**Versions** — PRO (annual subscription, Google Play) for full connectivity; LIGHT (free) as a parameter calculator

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