



# BASIC 200 EASY LIFE Self-aligning Welding Machine

## Product description:

### BASIC 200 EASY LIFE Self-aligning Welding Machine

Self-aligning hydraulic butt fusion machine, suitable for welding under-pressure pipes for water, gas and other fluids up to Ø 200 mm 6" DIPS. BASIC 200 EASY LIFE, thanks to a special gearcase, is able to manage the automated welding process. Built according to the International standards (UNI 10565, ISO 12176-1), BASIC 200 EASY LIFE includes:

- A machine body built with a supporting frame, four clamps and two hydraulic cylinders with fast non-drip coupling connections.
  - A Teflon-coated (PTFE) heating plate with a built-in independent thermometer to check the working temperature.
  - An extractable electric milling cutter to face the heads of the pipes and/or fittings. It includes a safety micro-switch and a thermal circuit breaker.
  - An electro-hydraulic gearcase protected from crashes and atmospheric corrosion by a plastic box. The electronic system guarantees the continuous repeat of the welding cycles and automatic control of the preset parameters, therefore the operator needs only to validate the welding phases. Easy Life is "Wi-Fi" ready and works together with the App "SET & GO PRO". The user-friendly graphic display allows a quick setting of the desired parameters. The EASY LIFE system can store up to 4000 welding cycles and sum them up into a PDF file. This report can be transferred to a PC/laptop through a USB port and data-management software. Possibility to pre-set 50 customized welding cycles.
- The EASY LIFE system data logging now shows the time!
- A milling cutter/ heating plate support

BASIC 200 EASY LIFE is able to weld fittings like elbows, tees, Y-branches and flanges necks. Available in 230 V versions.

## TECHNICAL FEATURES

Working range 63 ÷ 200 mm; 2" IPS ÷ 6" DIPS  
Materials HDPE, PP, PP-R, PB, PVDF



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For other materials contact RITMO S.P.A.  
Power supply 230 V Single Phase 50/60 Hz  
Total absorbed power\* 4100 W  
Working temperature  $180^{\circ} \div 280^{\circ} \text{ C}$  ( $356^{\circ} \div 536^{\circ} \text{ F}$ )  
Outside temperature range  $-10^{\circ} \div 40^{\circ} \text{ C}$  ( $14^{\circ} \div 104^{\circ} \text{ F}$ )  
Time to reach welding temperature 20'  
Memory 4000 cycles  
Pre-set welding cycles 50 customized  
Wi-Fi ready App "SET & GO PRO"  
Dimensions machine body (W x D x H)  
685 x 460 x 420 mm  
(27" x 18" x 15.5")  
Dimensions gearcase (W x D x H)  
585 x 384 x 463 mm  
(23" x 15.1" x 18.2")  
Weight machine body 39 Kg (86 lb)  
Weight standard composition 100 Kg (220,5 lb)

**Product features:**

Phase: Single phase  
Frequency (Hz): 50  
Voltage (V): 230  
Input power (W): 4100  
Effective heat range (m):  $63 \div 200 \text{ mm}$ ; 2" IPS  $\div$  6" DIPS  
Length (mm): 685 + 585  
Width (mm): 460 + 384  
Height (mm): 420 + 463  
Weight (Kg): 139

