

# DELTA 250 TRAILER



Self-aligning hydraulic butt fusion machine, suitable for welding underpressure pipes for water, gas and other fluids up to Ø 8" DIPS (250 mm). Built according to the International standards **ISO 21307 HIGH PRESSURE** (the clamps cylinders work with a pressure range that is three times and a half higher than the ISO Low Pressure ones. This enhances productivity, with a welding time saving of 60%). **DELTA 250 TRAILER** includes:

- **A trailer-mounted machine body**, easily removable from the trolley in order to perform also into the ditch, adapting to the conditions of the job site. The body is also able to tilt, allowing the operator to work with the clamps in a horizontal or inclined position. It comes with the **fast-locking adapters system SMARTLock RITMO Patented**, thanks to which is possible to change adapters in few seconds.
- **An on-board electric facer** that is equipped with a safety microswitch to prevent from accidental starts, a thermal circuit breaker to protect the engine and also features an ergonomic docking system and on/off switches. To allow the weld in ditches, the milling cutter is easily removable from the trolley/machine body in order to reduce the overall dimensions of the machine and ease the load/unload process.
- **An extractable heating plate** Teflon-coated (PTFE) equipped with an independent thermometer to check the working temperature.
- **An EASY LIFE control panel** which is also removable from the machine body to be able to check the welding phases outside from the ditches. It allows the operator to program and pilot all the welding duty cycle in an easy, fast and very intuitive way. It also controls the temperature of the heating plate, always visible on the display. It includes a data-logging system to store the welding data, connectable to a PC or a laptop by serial port/USB for the data download. The EASY LIFE system can store up to 400 joint reports.
- **A heating plate support** which comes with a high-temperature-proof bag, which also avoid the heating element from being scratched.

**DELTA 250 TRAILER** is able to weld fittings like elbows, tees, Y-branches and flanges necks.  
Available in the 110 V and 230 V versions.

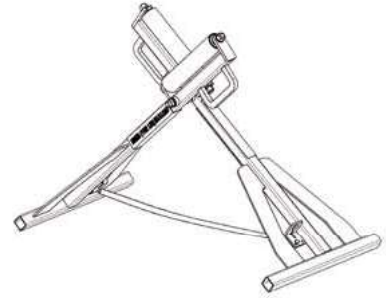
## STANDARD COMPOSITION

- Machine body group complete with: trolley, hydraulic gearcase
- EASY LIFE control panel, facer, bag and keys
- Heating plate TP DELTA 250 TE with support
- Lateral rollers



## TECHNICAL FEATURES

Working range	2" IPS to 8" DIPS (75 ÷ 250 mm)	
Power supply	120 V	230 V
	Single phase 50/ 60 Hz	
Total absorbed power	4400 W	4200 W
Working temperature	356° ÷ 536° F	
Outside temperature range	14° ÷ 104° F	
Time to reach welding temperature	< 20 min.	
Materials	HDPE, PP, PB, PVDF <small>For other materials contact RITMO S.P.A.</small>	



DIMENSION (W x D x H)	
Machine body	42,5" x 54,3" x 52,3"

WEIGHT	
Machine body	187 lb
Standard composition	450 lb

### ON REQUEST (ACCESSORIES)

- Clamps' inserts from Ø 2" IPS ÷ 8" IPS; Ø 3" DIPS ÷ 8" DIPS; Ø 75 ÷ 225 mm
- Wooden case for inserts
- Tool to weld flanges' necks/ Stub-end holder
- Data-logging software and serial cable
- HS ROLLERS 250



INDIA

