



POLYWELD MAN



Manual scraper



Transport case



Ø 4,0 / 4,7 mm adapters



Serial printer data transfer kit

POLYWELD MAN

Universal electrofusion machine designed for low voltage Polyethylene (PE) and Polypropylene (PP) couplers (from 8 to 44 Volts) for high pressure conduits.

The **POLYWELD MAN** machine is made in compliance with the current European Standards and Directives. The machine is extremely easy to use due to its software that can be managed by a display and four buttons.

The welding parameters (Tension and Time) are set in manually by the operator depending on the coupler technical features. A serial port makes it possible to connect a printer in order to obtain a report at the end of the weld (to certify some relevant data from the welder and to confirm if the cycle has been correctly performed or not). Malfunctions occurring before or during the welding are shown as error message codes at the display and at the printed report. The machine is supplied with a cable and Ø 4,0 mm connectors, a set of Ø 4,7 mm adapters and a manual scraper, most useful to remove the layer of oxidation from the pipe surface (which could undermine the good result of the welding).

SUPPLIED WITH

- **Welding machine** complete with Ø 4,0 mm connectors and Ø 4,7 mm adapters;
- **Manual scraper**;
- **Transport case**.

ON REQUEST (ACCESSORIES)

- **Serial printer data transfer kit, to transfer the welding data from machine directly to a yard serial printer** (includes a printer and a connecting cable).

TECHNICAL FEATURES

	POLYWELD MAN	
Working range	20 ÷ 315 mm PE-HD 20 ÷ 125 mm PP-R	
Electrical couplers (High pressure HDPE)	Different brand (*)	
Power supply	230 V Single phase 50 Hz	110 V Single phase 45 ÷ 60 Hz
Maximum output current	75 A (peak at 100 A)	
Maximum absorbed power	3500 W	
Welding output voltage	8 ÷ 44 V OUTPUT	
Protection degree	IP 54	
External T° reading probe precision	± 1 ° C	
Outside temperature range	-10 ÷ +50°C	
Display	7 segments display	
Welding hose length	3 m	
Connectors diameter	4,0 mm (*)	
Adapters diameter	4,7 mm (*)	

DIMENSIONS (W x D x H)	
Welding machine	195 x 325 x 270 mm
Transport wooden case	390 x 265 x 335 mm

WEIGHT	
Welding machine	17,00 Kg
Transport wooden case	4,00 Kg

(*) Any other brand not mentioned in this list but with the same design features, that is, a constant welding voltage (ranging between 8 and 44V), with or without a bar code, and with standard Ø 4,0 or Ø 4.7 mm connectors, can be welded with these machines