



Ritmo

PLASTIC WELDING TECHNOLOGY





RITMO S.P.A. is a 30 year experienced company and leader in manufacturing of plastic welding equipment. All products are designed and built according to International standards and directives (UNI, ISO, CEE). Since the very beginning, quality and technology innovation are RITMO's milestones, and time after time, this philosophy is always more recognized by the global market. RITMO strong points are its ideas to design and produce accurate, fast, versatile, modular and easy-to-use welding machines. Products range includes butt fusion, electrofusion and extrusion equipment. Ritmo is also providing a complete line of accessories and useful instruments for pipe cutting and weld preparation such as the band saws. RITMO's regards towards the client has brought to the new-born "RITMO FUSION OPERATOR SCHOOL", which is a welding school with the goal of building qualified personnel and spread the knowledge about the technical potentiality of RITMO's equipment: TECHNOLOGY MADE IN ITALY.



**ISO 9001
Quality System**

...the result of
our joint
efforts



POLYWELD MAN

Universal electrofusion machine designed for low voltage HDPE and 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, transport case.

ON REQUEST (ACCESSORIES)

- Serial printer data transfer kit.



TECHNICAL FEATURES

Working range	20 ÷ 315 mm HDPE; 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	
Outside temperature range	-10 ÷ +50°C	
Welding hose length	3 m	
DIMENSIONS (W x D x H)		
Welding machine	195 x 325 x 270 mm	
WEIGHT		
Welding machine	17,00 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.



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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

BASIC LINE

BUTT FUSION MACHINES



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