



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.

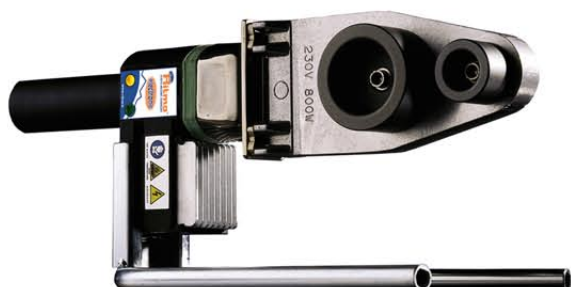


ISO 9001
Quality System

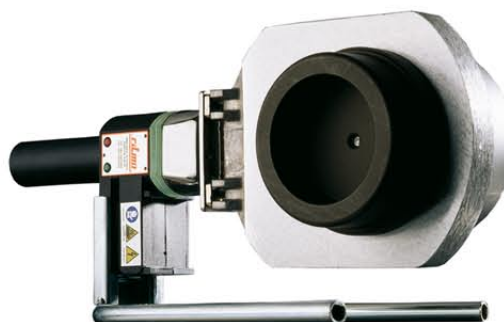
...the result of
our joint
efforts



MANUAL EQUIPMENT



R 63



R 125 Q

Manual **SOCKET** welders for joining pipes and fittings, in compliance with the standards in force. They feature an aluminum heating plate and a practical, heat-insulated plastic handle. They can weld HDPE, PP, PP-R, PVDF pipes and fittings, and they're characterized by different shapes and working ranges, suitable for different applications. They're available with an adjustable electronic thermoregulator (TE), or with a fixed electronic thermostat (TFE). This new TFE control system features a new self-diagnostic device, provided with an alarm, which would alert the operator in case of anomaly; at the same time, the heating element would switch off automatically. Thanks to an algorithm PID microcontroller, combined with a platinum sensor, the temperature control system can react faster to the external temperature fluctuations, and guarantee higher reliability and longer durability.

STANDARD COMPOSITION

All models are composed of:

- Socket welder;
- Fork support;
- Bench vice (except R 25);
- Allen wrench;
- Pin for sockets & spigots.

ON REQUEST (ACCESSORIES)

- Bench vice (for R 25);
- Carrying case in electro-painted steel;
- Sockets and spigots (male/female).



R 25

TECHNICAL FEATURES

Power supply	230 V – Single phase 50/60 Hz (TE)	100 - 230 V Single phase 50/60 Hz (TFE)
Working temperature	TFE: 260°C (± 1°) TE: 180 ÷ 290°C	
Ambient temperature	-5 ÷ +40°C	
Materials	HDPE, PP, PP-R, PB, PVDF	

Model	Ø Max. diameter	Absorbed power	Dimensions (W x D x H)	Weight
R 25	25 mm	500 W	115 x 50 x 320 mm	1,44 Kg
R 63	63 mm	800 W	175 x 50 x 360 mm	1,82 Kg
R 125 Q	125 mm	1400 W	175 x 50 x 395 mm	3,16 Kg



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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

BASIC LINE

BUTT FUSION MACHINES



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