



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



UNIVERSAL

This electrofusion machine is suitable for welding electrical couplers in HDPE from Ø 40 mm to Ø 315 mm, for low pressure conduits. The **UNIVERSAL** is made in compliance with the current safety standards and Directives. This welding machine's structure is light weight, so it is extremely easy to carry around. It is controlled by a microprocessor that allows the recognition of three different types of cable with pins, identified by a code (written on each one of them), which the operator can confirm by looking at the display. The different cables are necessary to adapt to the different kinds of electrical coupler available in the market. The main features include self-compensation of the current supplied (according to the ambient temperature) and self-diagnosis of any malfunction that could occur before or during welding. The machine features three cables with pins, a transport bag and a manual scraper, most useful to remove the layer of oxidation from the pipe (which could undermine the good result of the welding).

SUPPLIED WITH

- Welding machine complete with three cables with pins, Trevira bag and manual scraper.



TECHNICAL FEATURES

Working range	Ø 40 ÷ 160 mm
Electrical couplers brands (low pressure HDPE)	Valsir, Akatherm, Eurofusion Geberit, Waviduo, Coes.
Working range	Ø 200 ÷ 315 mm
Electrical couplers brands (low pressure HDPE)	Valsir, Akatherm, Eurofusion, Geberit.
Power supply	230 V-Single phase-50/60 Hz
Maximum output current	10,7 A
Maximum absorbed power	2470 W
Outside temperature range	-5 ÷ +40°C
Temperature compensation	Automatic electronic
Dimensions (W x D x H)	280 x 260 x 200 mm
Weight	6,00 Kg



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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

www.ritmo.it

BASIC LINE

BUTT FUSION MACHINES



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