



# 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



# PRISMA 125



This workshop/construction site welding machine is suitable for the socket fusion of pipes and fittings up to an O. D. of 125 mm, in accordance with the standards in force.

The **PRISMA 125** is composed of a machine body featuring a selector for the welding depths of the different diameters, four self-centering clamps for locking the pipes and the fittings (different brands), a self-centring socket welder with electronic temperature control, a device for the maximum heating depth, a sliding trolley, a tripod to support the pipe, a set of sockets and spigots for socket fusion from Ø 25 to Ø 125 mm with steel case.

The welding machine is available in two versions, depending on the type of sockets & spigots supplied: **PRISMA 125 type A** and **PRISMA 125 type B**.

## STANDARD COMPOSITION

- Machine body complete with an electronic socket welder;
- Steel case complete with sockets and spigots from Ø 25 to Ø 125 mm and tool kit;
- Pipe support tripod;
- Sliding trolley.

## TECHNICAL FEATURES

Working range	25 ÷ 125 mm	
Power supply	110V	230 V
	Single phase - 50/60 Hz	
Total absorbed power	1400 W	1400 W
Working temperature	180 ÷ 280°C	
Room temperature range	-5 ÷ +40°C	
Time to reach welding temperature	~ 10 min.	
Materials	HDPE, PP, PP-R, PB, PVDF	

DIMENSIONS (W x D x H)		
Machine working	1080 x 840 x 580 mm	
Transport wooden case	1500 x 800 x 1300 mm	

WEIGHT		
TOTAL (Prisma 125 only)	100 Kg	

**ASK FOR A QUOTATION**



RITMO also produces special sockets and spigots that are useful for the on-site repairs of pipes that have been accidentally perforated. They are called **hole repairing sockets**, available in three different types:

- Ø 7 mm hole repairing socket for Ø 7 mm holes;
- Ø 8 mm hole repairing socket for Ø 8 mm holes;
- Ø 11 mm conical hole repairing socket for Ø 11 mm holes.



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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

# **BASIC LINE**

## **BUTT FUSION MACHINES**



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