

RITMO AMERICA



"AT EASE IN YOUR JOBSITE"

www.ritmoamerica.com





RITMO S.P.A. is a world leader with over 35 years of experience in the 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.**

MADE IN ITALY

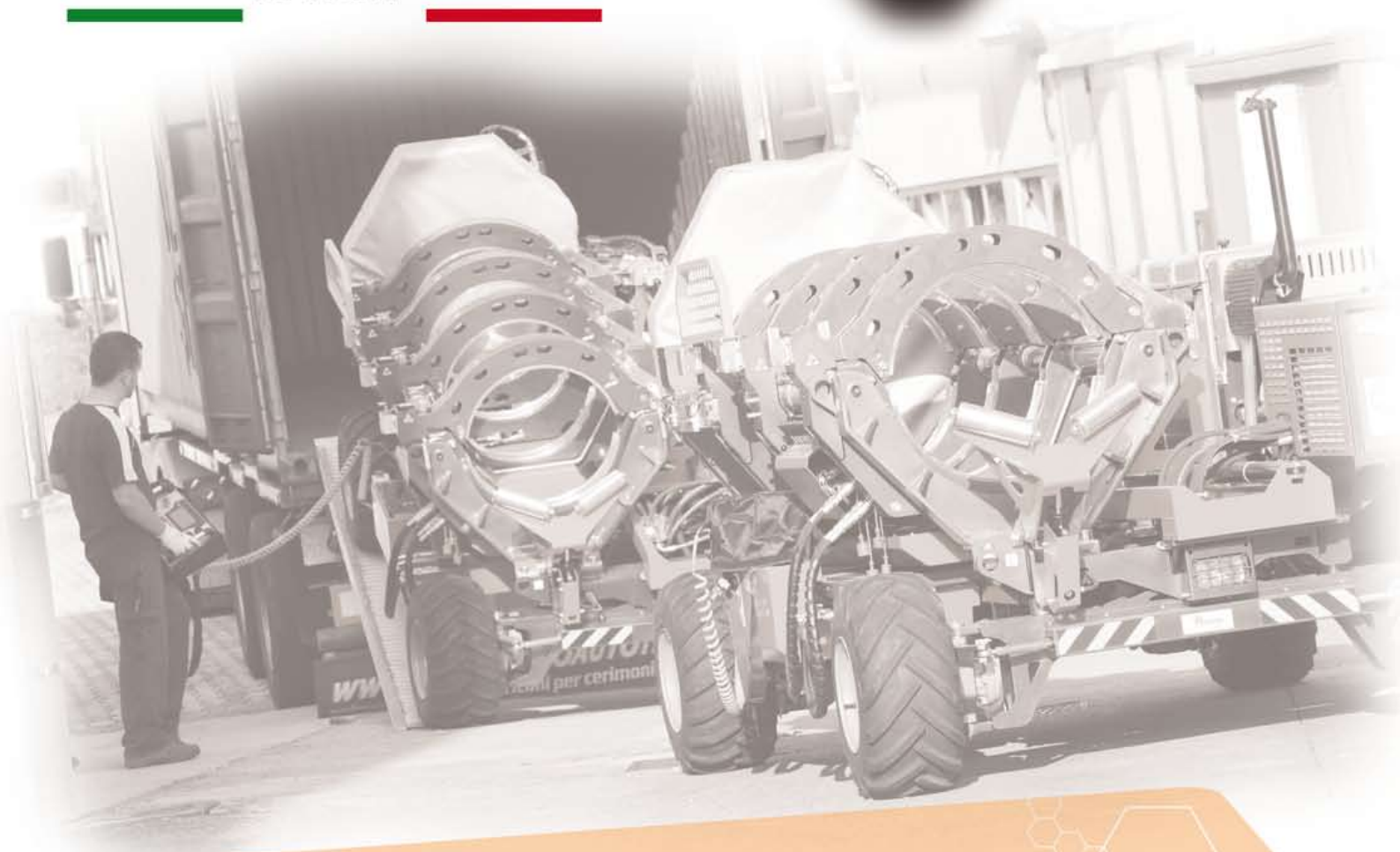
**DESIGNED & MANUFACTURED
IN ITALY**



watch the video



**ISO 9001
Quality System**





Ritmo America LLC - FL

RITMO AMERICA

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Rossella Contiero - Managing Director



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www.youtube.com/user/RitmoPlasticWelding

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D V A N T A G E

RITMO SERVICE

RITMO WORLDWIDE

Ritmo has professional distributors and resellers all over the world. Our staff is ready to assist you in English, Spanish, French, German, Arab, Italian, Russian and Portuguese.

TRAINING

From many years now, we have decided that the best way to grant a client/distributor a perfect knowledge of our products is to invest in custom training, in our own premises. These courses are aimed to teach how to operate the products in the best way, and how to supply the "first aid" when necessary.

PRESALES TECHNICAL ASSISTANCE

When a client or a potential client wants to buy us a product, it is our standard procedure to help find the best solution to its needs.

GLOBAL ADVICE

In such a technical field as ours, the customer requires the best assistance. Thanks to the experience developed along the years, and to the co-operation with several manufacturers, institutions, schools and training institutes, RITMO is able to give the most comprehensive advice to no matter which related issue.

Our company is a long-time member of a UNIPLAST's (UNI-Italian National Plastics Standards Body) working group dedicated to the study and draw up of new standards within our field. The importance of this group is linked to the fact that the expansion of the plastic welding field ought to be followed by a crescent sensitivity for safety issues, so to have a sustainable and continuous growth. The working group prepares draws, hence present them to the UNI to be discussed and eventually transformed into new standards.

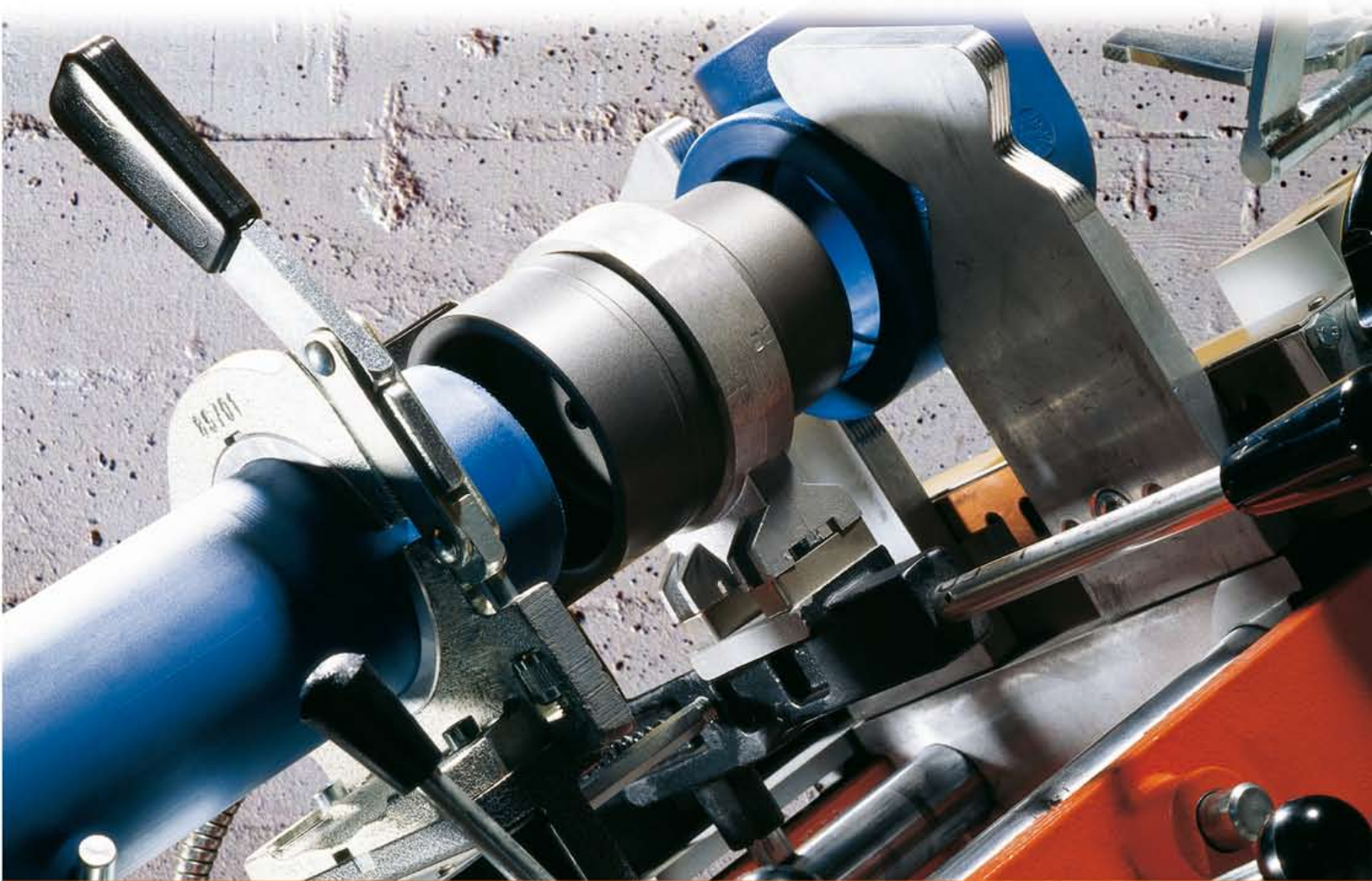
AFTER SALES TECHNICAL ASSISTANCE

Ritmo's Service Centre can solve all kind of technical issues, as well as overhaul our machines. Ritmo has other Service Centres abroad, linked to its official distributors.

STARTING AND TESTING

RITMO' technicians are prepared to make the starting and testing of workshop machines at the client' own premises, so that the fittings production can start almost immediately.

SOCKET WELDERS



MODEL	WORKING RANGE							
	½	¾	1	1¼	1½	2	3	4
PRISMA JIG	•	•	•	•	•	•	•	•
PRISMA 125 LIGHT						•	•	•
PRISMA 125		•	•	•	•	•	•	•
MANUAL EQUIPMENT								
R 63	•	•	•	•	•	•		
R 125 Q	•	•	•	•	•	•	•	•

• On request

PRISMA 125



This workshop/construction site welding machine is suitable for the socket fusion of pipes and fittings up to an OD 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 steel clamps for locking pipes and 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 1" to 4" (25 ÷ 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 and tool kit from Ø 1" to 4"; 25 ÷ 125 mm
- Pipe support tripod
- Sliding trolley

TECHNICAL FEATURES

Working range	1" ÷ 4" (25 ÷ 125 mm)	
Power supply	110 V	230 V
	Single phase 50/60 Hz	
Total absorbed power	1400 W	1400 W
Working temperature	356° ÷ 536° F	
Room temperature range	23° ÷ 104° F	
Time to reach welding temperature	~ 10 min.	
Materials	HDPE, PP, PP-R, PB, PVDF	
DIMENSION (W x D x H)		
Machine working	42,5" x 33" x 22,8"	
Transport wooden case	59" x 31,5" x 51,1"	
WEIGHT		
TOTAL (Prisma 125 only)	220 lb	



Steel clamps

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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the Corporate Video