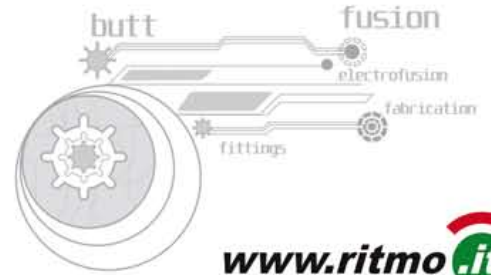




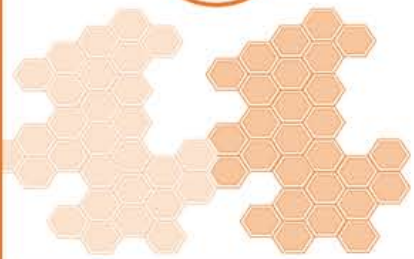
Italian Technology for "The Welding People"



Ritmo
PLASTIC WELDING TECHNOLOGY



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HDPE PP
PVDF PB





MADE IN ITALY

DESIGN, CREATE
IN ITALY



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.**

... the result of
our joint
efforts



ISO 9001
Quality System

A

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, Japanese, Arab, Italian 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.


BUTT FUSION MACHINES



WORKING RANGE Ø mm

MODEL	32	40	50	56	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200	1400	1600
DELTA 160 M	•	•	•	•	•	•	•	•	•	•	•																			
GAMMA 160	•	•	•	•	•	•	•	•	•	•	•																			
BASIC 160		•	•	•	•	•	•	•	•	•	•																			
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DELTA TRAILER 250							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DELTA DRAGON 250 CNC							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DELTA DRAGON 250 B							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BASIC 250							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BASIC 250 EASY LIFE							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BASIC 315								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BASIC 315 EASY LIFE								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DELTA DRAGON 315 CNC								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DELTA DRAGON 315 B								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DELTA 355 ALL TERRAIN									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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BASIC 355									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BASIC 355 EASY LIFE									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DELTA DRAGON 355 B									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
COMPACT 355 L									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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DELTA 500 EASY LIFE																														
DELTA 630 TRAILER																														
DELTA 630 ALL TERRAIN																														
DELTA 630																														
DELTA 630 EASY LIFE																														
DELTA 800																														
DELTA 1000																														
DELTA 1200																														
DELTA 1600																														

 Manual butt fusion welder

 For pre-insulated pipes

GAMMA 160



GAMMA 160 is a manual butt welding machine for HDPE and PP pipes up to Ø 160 mm. GAMMA 160 features special jaws for manufacturing elbows. Machine can also weld moulded fittings like bends, tees, wyes (Y) and flange necks up to Ø160 mm; short flange necks can be welded with the help of a stub end holder (on request), applied to the clamps. Machine body of GAMMA 160 is compact and easy to transport.

STANDARD COMPOSITION:

- A machine body with pressure regulating device of the bench vice closure
- A steel frame for the support of the machine body
- Steel sliding clamps with fast closing system
- An heating plate with an electronic temperature control device
- An electrically controlled milling cutter for levelling the ends of the pipe and/or fitting, with safety micro-switch against accidental starters
- A support for the milling cutter and the heating plate
- Steel adapters Ø 40, 50, 63, 75, 90, 110, 125, 140 mm
- A case for the adapters

ON REQUEST (ACCESSORIES)

- Tool for flange necks



TECHNICAL FEATURES

Working range	40 ÷ 160 mm	
Power Supply	110V	230 V
	Single phase - 50/60 Hz	
Max absorbed power	2020 W	1600 W
Outside temperature range	-10° ÷ 40° C	
Time to reach welding temperature	~ 10 min.	
Materials	HDPE, PP, PVDF and other plastic materials	
DIMENSIONS (W x D x H)		
Machine body	570 x 398 x 470 mm	

INTERNAL DEBEADER



Internal Debeader by RITMO S.p.A. covering a range from \varnothing 90 up to 500 mm! A complete kit set is composed by:

- 6 pcs of alloy rods 2,15 mtr each (one is acting as turn handle)
- 5 pcs of center rings to ensure that the rods are in center of the pipe.
- Alloy rods are delivered in a special carrying bag with a handle
- Internal Debeader Head 90 - 110 mm
- Internal Debeader Head 125 - 160 mm
- Internal Debeader Head 160 - 200 mm
- Internal Debeader Head 225 - 315 mm
- Internal Debeader Head 355 - 500 mm

Internal Debeader Head can be ordered separately too.

ADVANTAGES:

Intuitive and easy to use, accurate, versatile, composed of few parts.

TECHNICAL FEATURES

Model	SDR range
\varnothing 90 mm	17 ÷ 26
\varnothing 110 ÷ 450 mm	11 ÷ 26
\varnothing 500 mm	17 ÷ 26



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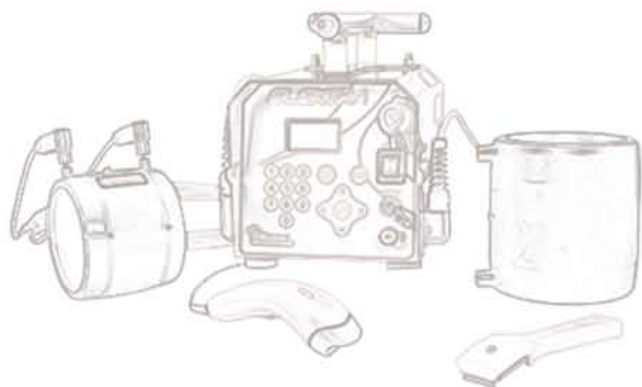
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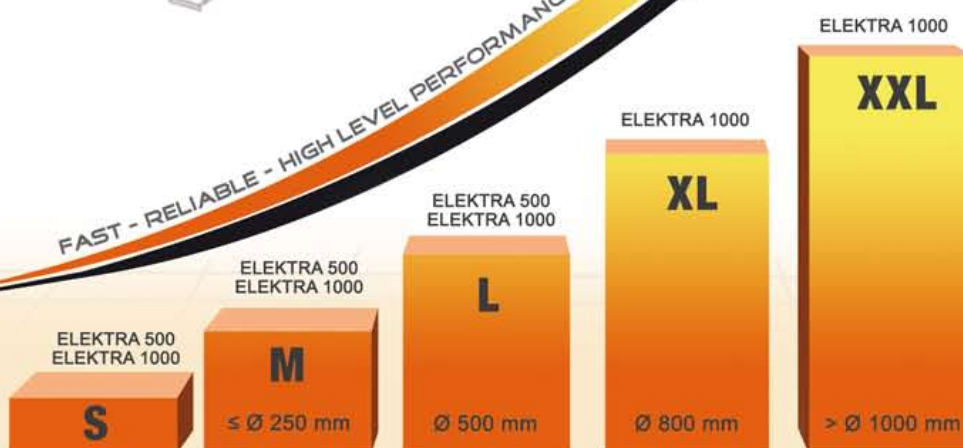
www.youtube.com/user/RitmoPlasticWelding

ELEKTRA 1000

**ELECTROFUSION:
Evolution
of the species!**



FAST - RELIABLE - HIGH LEVEL PERFORMANCE



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the Corporate Video