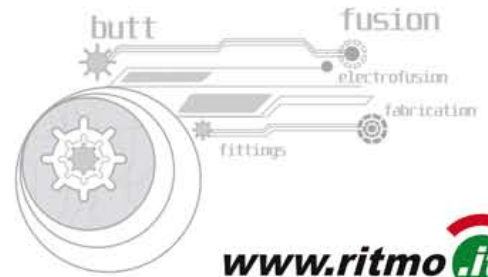




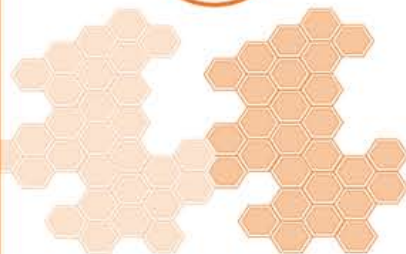
Italian Technology for "The Welding People"



Ritmo
PLASTIC WELDING TECHNOLOGY



www.ritmo.it



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.

FITTINGS FABRICATION MACHINES

EGYPT



WORKING RANGE Ø mm

MODEL	40	50	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
ALFA 200 CTB																												
elbows	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Y - T - X			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ALFA 315																												
elbows					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Y - T - X					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ALFA 400 M																												
elbows						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Y - T - X						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ALFA 400 CTB																												
elbows						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Y - T - X						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ALFA 630 T																												
elbows												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Y - T - X												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ALFA 1000																												
elbows																	•	•	•	•	•	•	•	•	•	•	•	•
Y - T - X																	•	•	•	•	•	•	•	•	•	•	•	•
ALFA 1200																												
elbows																							•	•	•	•	•	•
Y - T - X																							•	•	•	•	•	•
ALFA 1600																												
elbows																								•	•	•	•	•
Y - T - X																								•	•	•	•	•

• on request

ALFA 400 CTB



This is a workshop welding machine designed to fabricate fittings like elbows (up to Ø 400 mm), wyes (Y), tees and crosses (up to Ø 355 mm) by joining pipe segments, with the help of special jaws. Elbows and wyes (Y) jaws opening/closing and locking movements are controlled hydraulically, while tees/crosses jaws opening/closing movements are manual.

The **ALFA 400 CTB** can also weld special and moulded fittings such as elbows, tees and flange necks, thanks to a different type of special jaws. Composed of:

A **machine body** with two hydraulically controlled carriages; a **control panel** that features the **Easy Life system**, thanks to which it is possible to carry out a whole welding cycle in a simple, intuitive and repeatable way, so that the operator's interference would be reduced to the minimum. An built-in memory allows the machine to store 400 welding cycles (including the set diameters and SDR). It is possible to transfer the welding data to a PC through a serial port (USB adaptor connector available) and data-management software. A printer can be connected to the serial port, to get a welding report at the end of each welding cycle; a Teflon-coated **heating plate** with hydraulic movement (in / out) on spherical bearings guides; a **milling cutter** with hydraulic movement (in/out) on spherical bearings guides, operated by an electrical engine, provided with eight steel blades; an **upper cylinder**, to be positioned on the jaws, for welding extra thick pipes and/or whenever it's necessary to use high pressures.





STANDARD COMPOSITION

Welding machine complete with:

- control panel
- heating plate, milling cutter
- upper cylinder and tools kit

ON REQUEST (ACCESSORIES)

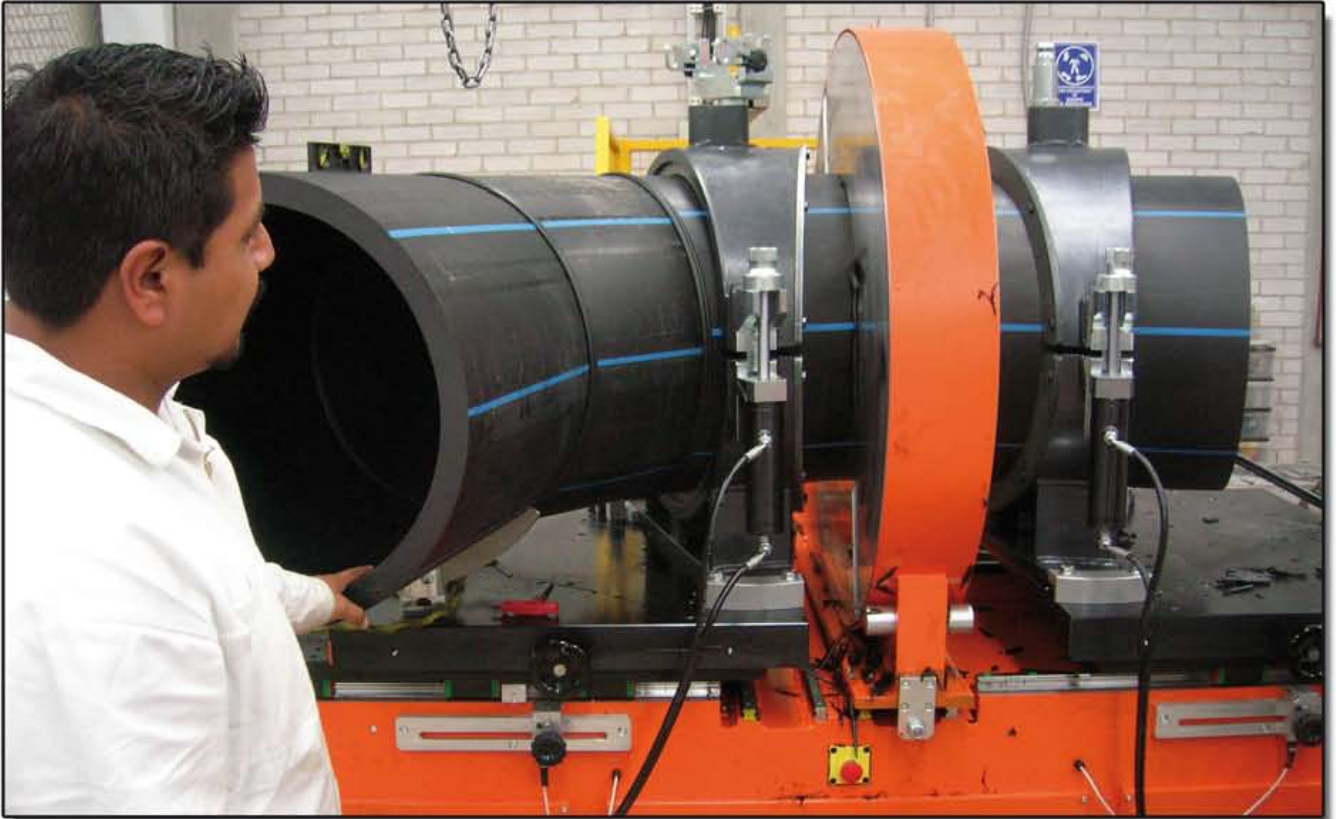
- Elbows jaws Ø 400 mm with inserts from Ø 110 to Ø 355 mm
- Wyes jaws Ø 355 mm with inserts from Ø 110 to Ø 315 mm
- Tees/crosses jaws Ø 355 mm with inserts from Ø 110 to 315 mm
- Right or left special jaws Ø 400 with inserts from Ø 110 to Ø 355 mm
- Tool for flange necks
- Special milling cutter plates and blades for PVC

ELBOWS		110 + 400 mm 0 + 60°
WYES (Y)		110 + 355 mm 45° + 60°
TEES		110 + 355 mm
CROSSES		110 + 355 mm
Materials	HDPE, PP for other plastic materials contact RITMO spa	

Power supply	400 V - Three phase + N 50/60 Hz
Total absorbed power	16000 W
Working temperature	180° + 280° C
Room temperature range	up to 40° C
DIMENSION (W x D x H)	
Machine body	2560 x 1725 x 1450 mm
WEIGHT	
Machine body	1200 Kg



MEXICO



OMAN

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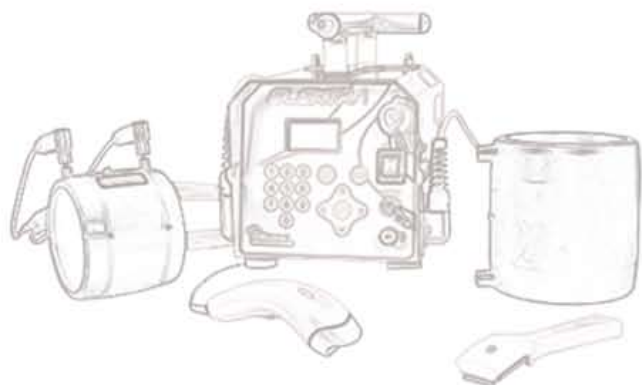
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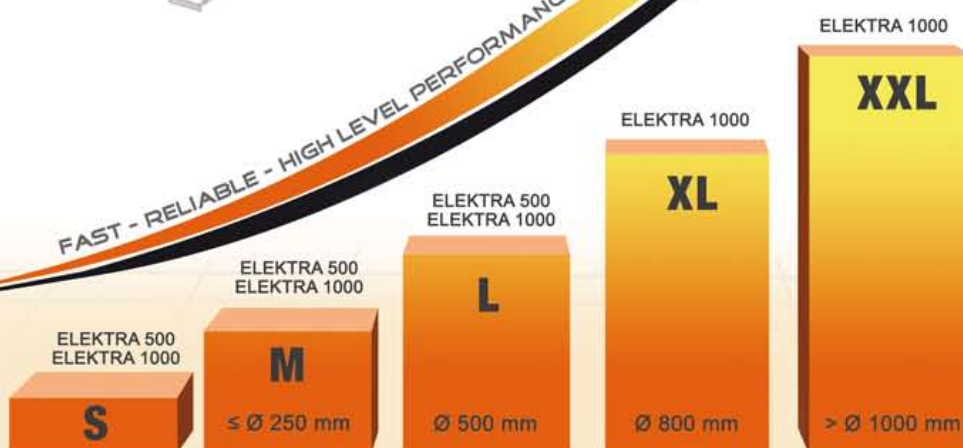
www.youtube.com/user/RitmoPlasticWelding

ELEKTRA 1000

**ELECTROFUSION:
Evolution
of the species!**



FAST - RELIABLE - HIGH LEVEL PERFORMANCE



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the Corporate Video