

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

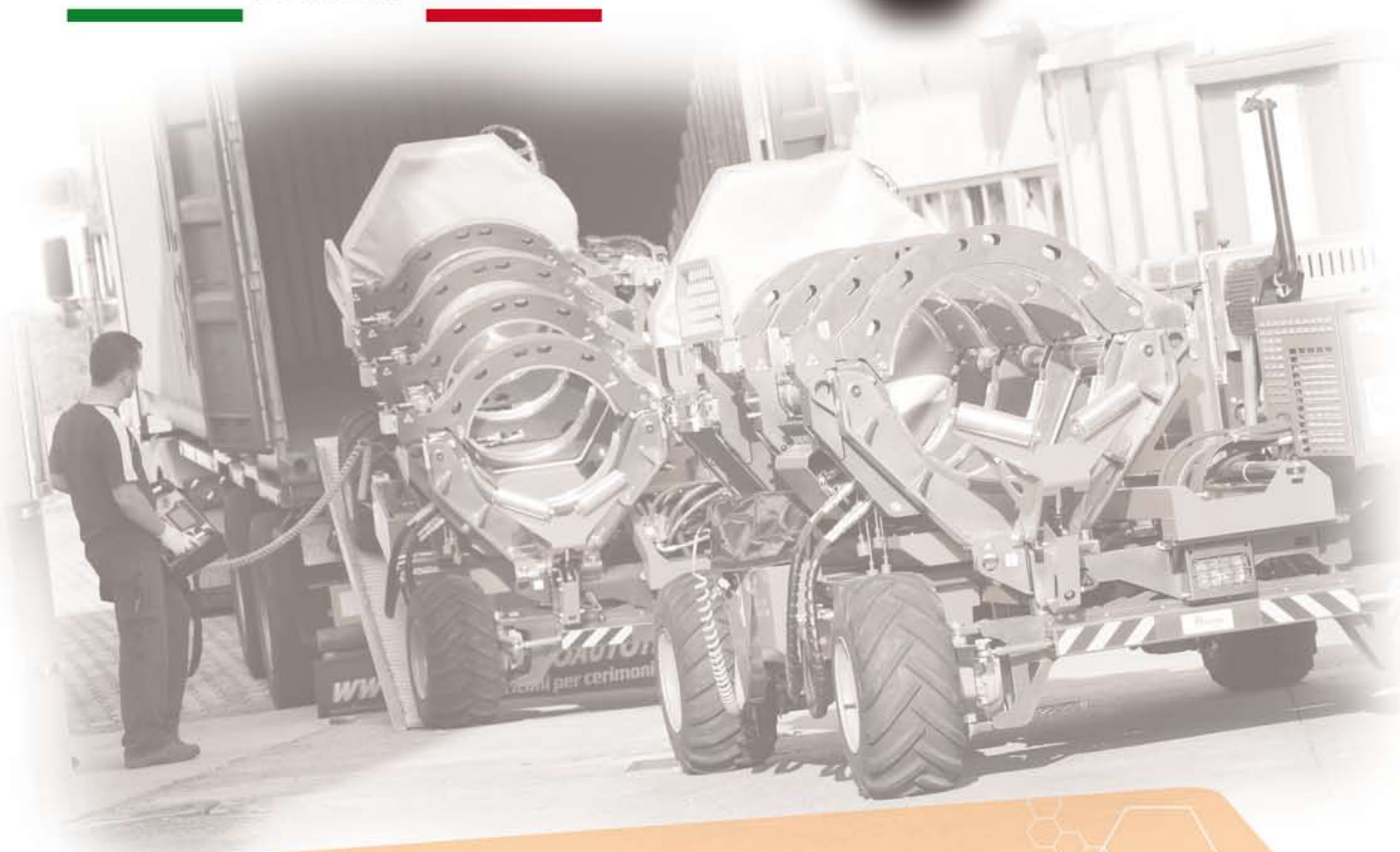
DESIGNED & MANUFACTURED
IN ITALY



watch the video



ISO 9001
Quality System





Ritmo America LLC - FL

RITMO AMERICA

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Rossella Contiero - Managing Director



Follow RITMO on



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.

UNIVERSAL ALIGNER 63



This professional tool is essential to hold pipes still and aligned during electrofusion. The **UNIVERSAL ALIGNER 63** is made almost entirely in a special Aluminium alloy and features a central joint for the fixed positions at 45° and 90°, four self-centring clamps that require no adapters. The possibility to remove one part of the axis that carries the clamps and one clamp it self, allows the use of tapping tees during the fusion.

STANDARD COMPOSITION

- Aligner complete with four clamps, service spanner and transport bag

TECHNICAL FEATURES

Working range	1/2" IPS + 2" IPS (20 + 63 mm)
DIMENSIONS (Wx D X H)	
Aligner (maximum overall dimensions)	straight: 23,6" x 6,3" x 4,5"
Transport bag	17,3" x 7,4" x 5,5"
WEIGHT	
Aligner	7,5 lb
Transport bag	1.1 lb
Standard composition	8,6 lb



UNIVERSAL ALIGNER 160 Light



This professional tool is essential to hold pipes still and aligned during electrofusion from Ø 2" IPS to 5" IPS (63 to Ø 160 mm). The **UNIVERSAL ALIGNER 160 Light** is made almost entirely in a special Aluminium alloy and features a central joint for the fixed positions at 45° and 90°, four self-centring clamps that require no adapters, and on request an additional axle complete with two clamps for fusion the tees. Its special quick release clamps grants a rapid extraction of the pipe once it has been welded.

STANDARD COMPOSITION

- Aligner complete with four clamps, transport bag or wooden transport case

ON REQUEST (ACCESSORIES)

- A 3rd axle complete with two clamps (for welding "Tees")

TECHNICAL FEATURES

Working range	2" IPS + 5" IPS (63 + 160 mm)
DIMENSIONS (Wx D X H)	
Aligner (maximum overall dimensions)	straight: 38,5" x 16,9" x 10,2"
WEIGHT	
Aligner without 3rd axle	20 lb
Bag or Wooden transport case	3,3 lb or 30,8"lb



ALIGNER ECO 63 - 180



ALIGNER ECO 63 - 180 is an essential and professional tool for the alignment and support of pipes during electrofusion from Ø 2" IPS to 6" DIPS (63 mm to 180 mm). The ALIGNER is entirely made of steel, featuring a central adjustable joint and pipe fastening clamps fixed on axes. The adjustable joint can be set on 5 different working positions to allow fusion at preset angles such as 30°, 45°, 90°, "in line" and T welding. Axes have V-shaped clamps positioned on them, which are equipped with pipe fastening belts. The system, along with fixing the pipe to the clamp, serves also as a centering device. Each axis has 2 guides on which the clamps are able to slide. Practical side handles ensure an easy grip during movement and positioning, both during fusion procedures, and preparation. The aligner is available in **two configurations: 2 axes** and **3 axes** (to weld T fittings).

TECHNICAL FEATURES

Working range	2" IPS + 6" DIPS (63 + 180 mm)
Welding	30°, 45°; 90°; in line; T
Dimensions Max overall dimensions (W x D x H)	
2 axes version	36" x 5,5" x 5,1"
3 axes version	36" x 22,6" x 5,1"
Weight	
2 axes version	16,5 lb
3 axes version	22 lb



Configuration for "in line" welding

ALIGNER 125 - 500

ALIGNER 125 - 500 is an essential and professional tool for the alignment and support of pipes during electrofusion from Ø 4" IPS to 20" IPS (125 mm to 500 mm). The ALIGNER is entirely made of steel, featuring a central adjustable joint and pipe fastening clamps fixed on axes. The adjustable joint can be set on 4 different working positions to allow fusion at preset angles such as 45°, 90°, "in line" and T fusion. Axes have V-shaped clamps positioned on them, which are equipped with pipe fastening belts. The system, along with fixing the pipe to the clamp, serves also as a centering device. Each axis has 2 guides on which the clamps are able to slide. Practical side handles ensure an easy grip during movement and positioning, both during fusion procedures, and preparation.

The aligner is available in **two configurations: 2 axes** and **3 axes** (to weld T fittings).



Configuration for "in line" welding

TECHNICAL FEATURES

Working range	4" IPS + 20" IPS (125 + 500 mm)
Welding	45°; 90°; in line; T
Dimensions Max overall dimensions (W x D x H)	
2 axes version	70.8" x 24" x 16.1"
3 axes version	70,8" x 47,8" x 16,1"
Weight	
2 axes version	83,5 lb
3 axes version	114,5 lb



Configuration for 45° welding

ELECTROFUSION BY RITMO:



**INTUITIVE
CONTROL
PANEL**

**BARCODE
READY
SYSTEM**

**EASY
TO USE**

**UNIVERSAL
ADAPTER
Ø 4,0 - 4,7 mm**

**USB
PORT**

**GRAPHIC
DISPLAY
MULTILINGUAL**

**LARGE
MEMORY**

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the Corporate Video