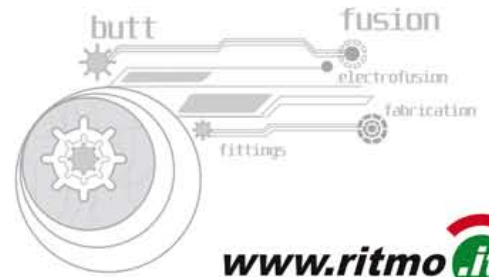




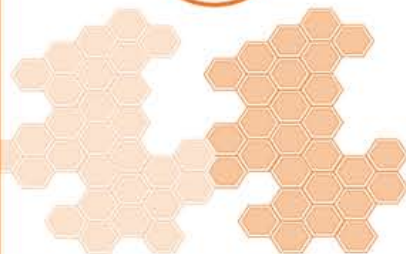
Italian Technology for "The Welding People"



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.

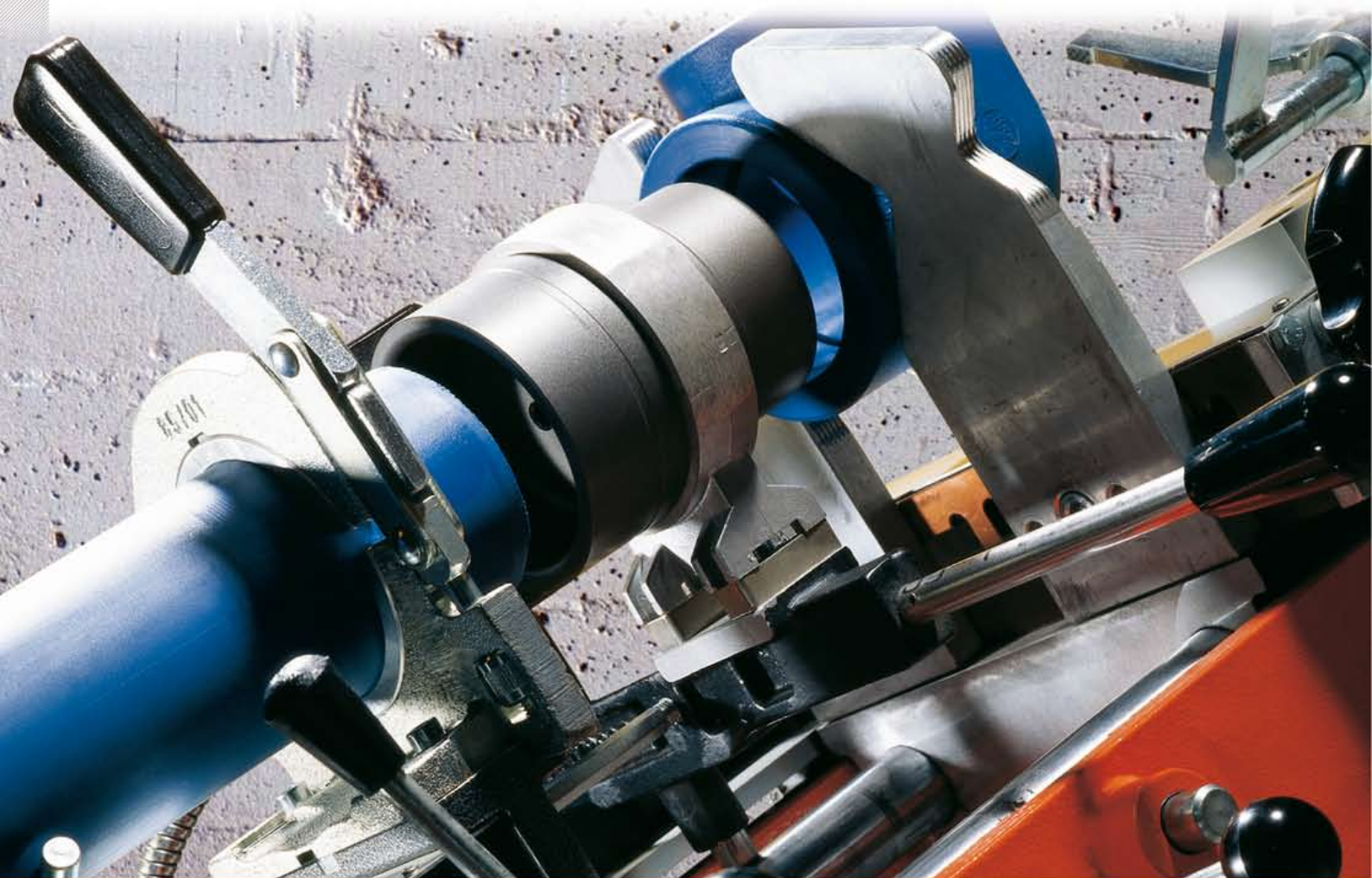
AFTER SALES TECHNICAL ASSISTANCE

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.

SOCKET WELDERS



| | | WORKING RANGE Ø mm | | | | | | | | | | |
|-------------------------|---------|--------------------|----|----|----|----|----|----|----|----|-----|-----|
| MODEL | | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 75 | 90 | 110 | 125 |
| PRISMA JIG | | | • | • | • | • | • | • | • | • | • | • |
| PRISMA 125 LIGHT | | | | | | | | • | • | • | • | • |
| PRISMA 125 | | | | • | • | • | • | • | • | • | • | • |
| MANUAL EQUIPMENT | | | | | | | | | | | | |
| | R 25 | • | • | • | | | | | | | | |
| | R 63 | • | • | • | • | • | • | • | | | | |
| | R 125 Q | • | • | • | • | • | • | • | • | • | • | • |

• On request

MANUAL EQUIPMENT



Manual **SOCKET** welders for joining pipes and fittings, in compliance with the standards in force. They feature an aluminum heating plate and a practical, heat-insulated plastic handle. They can weld HDPE, PP, PP-R, PVDF pipes and fittings, and they're characterized by different shapes and working ranges, suitable for different applications. They're available with an adjustable electronic thermoregulator (TE), or with a fixed electronic thermostat (TFE). This new TFE control system features a new self-diagnostic device, provided with an alarm, which would alert the operator in case of anomaly; at the same time, the heating element would switch off automatically. Thanks to an algorithm PID microcontroller, combined with a platinum sensor, the temperature control system can react faster to the external temperature fluctuations, and guarantee higher reliability and longer durability.

STANDARD COMPOSITION

All models are composed of:

- Socket welder
- Fork support
- Bench vice (except R 25)
- Allen wrench
- Pin for sockets & spigots



ON REQUEST (ACCESSORIES)

- Bench vice (for R 25)
- Bag for R 63 (only)
- Carrying case in electro-painted steel (R 25; R 125 Q)
- Sockets and spigots (male/female)



R 125 Q



R 63



R 25

TECHNICAL FEATURES

| | | |
|---------------------|--|---|
| Power supply | 230 V - Single phase 50/60 Hz (TE) | 110 - 230 V Single phase 50/60 Hz (TFE) |
| Working temperature | | TFE: 260° C (± 10°) TE: 180° + 290° C |
| Ambient temperature | | -5 + 40° C |
| Materials | | HDPE, PP, PP-R, PB, PVDF |

| Model | Ø Max diameter | Absorbed power | Dimensions (W x D x H) | Weight |
|---------|----------------|----------------|------------------------|---------|
| R 25 | 25 mm | 500 W | 115 x 50 x 320 mm | 1,44 Kg |
| R 63 | 63 mm | 800 W | 175 x 50 x 360 mm | 1,82 Kg |
| R 125 Q | 125 mm | 1400 W | 175 x 50 x 395 mm | 3,16 Kg |

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Discover **NEW PRODUCTS** and **SERVICES**

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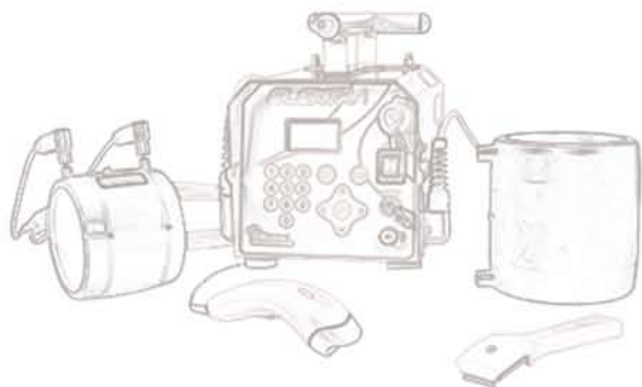
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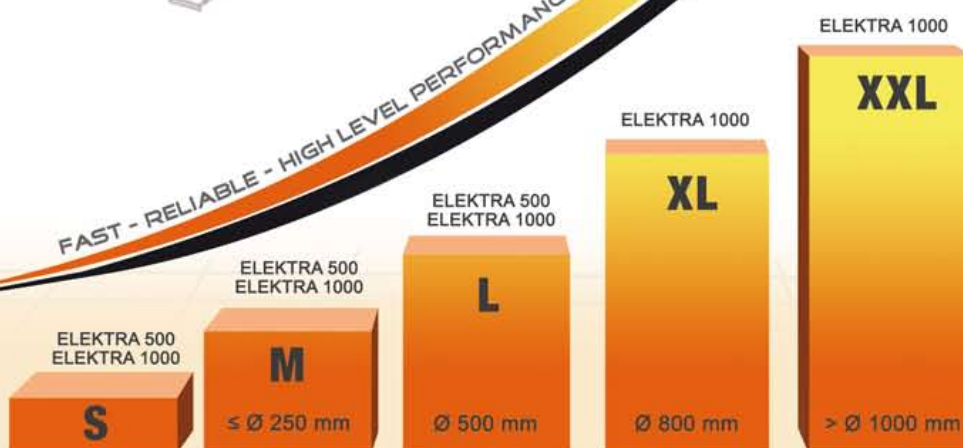
www.youtube.com/user/RitmoPlasticWelding

ELEKTRA 1000

**ELECTROFUSION:
Evolution
of the species!**



FAST - RELIABLE - HIGH LEVEL PERFORMANCE



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Watch
the Corporate Video