

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

www.ritmo.it



Meets all your welding needs on the jobsite



The information and photos in this publication are not binding and RITMO S.P.A. is free to make any alterations without prior notice.



About us

Starting from a small workshop in the province of Padua in 1979, with a lathe and a milling machine but with many ideas and passion, Renzo Bortoli shaped and brought to life what, year after year, became RITMO SPA: an internationally recognized company in the field of welding machines for plastic pipes and sheets.

Today, Ritmo continues to produce entirely in Italy, in Teolo, maintaining the spirit of a "Family Company," where professionals and skilled individuals passionately continue to offer their expertise to provide products that make a difference when used on-site.

Mission

A Ritmo product is not bought, it is chosen. Our mission is to transform challenges into solutions with innovation and adaptability, crafting machines that create strong connections and build trust, one weld at a time.



Rossella Contiero - CEO



Renzo Bortoli - Founder

**165
COUNTRIES**
where RITMO
has been supplying
products

**OVER 100
PRODUCTS
ON CATALOG**

MADE
IN **ITALY**

90%
EXPORT

+ 80%
GROWTH
2014 - 2023





RID - RITMO INTERNAL DEBEADER

Internal Debeader by RITMO S.p.A. covering a range from Ø 90 up to 630 mm (3" ÷ 24 IPS).
A complete kit set is composed by:

- **6 pcs of alloy rods 2,15 mtr or 84.6" each (one is acting as turn handle)
- 5 pcs of centering brackets to ensure that the rods are in center of the pipe.
- Internal Debeader Head 90 - 110 mm (* 3" IPS)
- Internal Debeader Head 125 - 160 mm (* 4" ÷ 5" IPS)
- Internal Debeader Head 160 - 200 mm (* 5" ÷ 6" IPS)
- Internal Debeader Head 225 - 315 mm (* 8" ÷ 10" IPS)
- Internal Debeader Head 355 - 500 mm (* 12" ÷ 18" IPS)

Sold separately:

- Internal Debeader Head 560 - 630 mm (* 22" ÷ 24" IPS)

*Contact us or your distributor for reference chart of SDR covered

** Alloy rods are delivered in a special carrying bag with a handle

**INTUITIVE
EASY TO USE
ACCURATE
VERSATILE**

TECHNICAL FEATURES

Models	Max Bead width
Ø 90 ÷ 110 mm; 3" IPS ÷ 3" DIPS	20 mm
Ø 125 ÷ 160 mm; 4" ÷ 5" IPS	25 mm
Ø 160 ÷ 200 mm; 5" ÷ 6" IPS	25 mm
Ø 225 ÷ 315 mm; 8" ÷ 10" IPS	35 mm
Ø 355 ÷ 500 mm; 12" ÷ 18" IPS	35 mm
Ø 560 ÷ 630 mm; 22" ÷ 24" IPS	45 mm
Materials	HDPE, PP, PP-R, PVDF For other materials contact RITMO S.P.A.

**COMPOSED
OF FEW
PARTS**





**INTUITIVE
EASY TO USE
WIDE USE
VERSATILE**



RED - RITMO EXTERNAL DEBEADER

External Debeader by RITMO S.p.A. covering a range from Ø 63 up to 1200 mm; 2" IPS ÷ 48" IPS

Designed to remove the external bead from a complete butt fusion welded joint.
The tool knocks onto the pipe bead, then alignment blocks slide against the pipe surface to guide it around the pipe.
The blade cuts the under the bead and the handle helps pull the tool around the pipe, cutting the bead away.
RED works on flat surfaces too and removes the bead from plastic sheets without the guides for pipes.

- Available in three different sizes
- RED 63 - 125
 - RED 90 - 400
 - RED 400 - 1200

**PIPES
UP TO 1200 mm
AND
SHEETS**

TECHNICAL FEATURES

Models	Working range
RED 63 - 125	Ø 63 ÷ 125 mm; 2" IPS ÷ 4" IPS
RED 90 - 400	Ø 90 ÷ 400 mm; 3" IPS ÷ 14" DIPS
RED 400 - 1200	Ø 400 ÷ 1200 mm; 16" IPS ÷ 48" IPS
Material	HDPE - PP



ADVANTAGE RITMO

RITMO WORLDWIDE

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

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.



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