

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

www.ritmo.it



Meets all your welding needs on the jobsite



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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**



PIPE CUTTERS

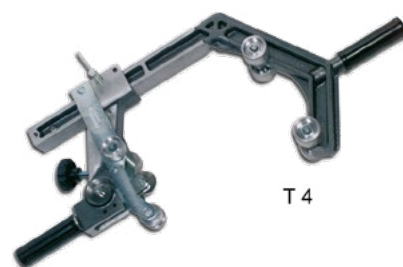
These are professional tools, essential for the manual cut of plastic pipes up to Ø 315 mm (10" DIPS). The TC 108, T1, TU 75, TU 140, T3 and T4 pipe cutters are made with the very best alloys, and are very manageable and practical to use. The pipe cutters can be fitted with various special blades with appropriate cutting heights and penetration capacities to cut pipes of different materials. The TC 108 and T1 pipe cutters (with special blades) can cut Copper (Cu) and multilayer (PEX/Al, PPr etc.) pipe.

STANDARD COMPOSITION:

- Pipe cutter with blade:
- TC 108
- T 1 + blade Ø 25 mm (1")
- TU 75 + blade Ø 44 mm (1.7")
- TU 140 + blade Ø 53 mm (2.1")
- T 3 + blade Ø 53 mm (2.1")
- T 4 + blade Ø 53 mm (2.1")
- Carrying case (for the T4 pipe cutter, only)

ON REQUEST:

- Blades of different diameters and heights



TECHNICAL FEATURES

MODEL	Working range Ø	Thickness	Overall dimensions	Weight
TC 108	6 ÷ 50 mm ½" CTS ÷ 1½" IPS	up to 4,2 mm	178 x 228 x 65 mm 7" x 9" x 2,5"	0,38 Kg (0.8 lb)
T1	6 ÷ 64 mm ½" CTS ÷ 2" IPS	up to 5,5 mm	222 x 282 x 95 mm 8.7" x 11.1" x 3.7"	0,60 Kg (1.3 lb)
TU 75	6 ÷ 76 mm ½" CTS ÷ 2" IPS	up to 11,5 mm	247 x 330 x 105 mm 9.7" x 13" x 4.1"	0,68 Kg (1.5 lb)
TU 140	50 ÷ 140 mm 2" IPS ÷ 5" IPS	up to 17,5 mm	351 x 483 x 155 mm 18.8" x 19" x 6.1"	1,38 Kg (3 lb)
T3	100 ÷ 160 mm 3" DIPS ÷ 5" IPS	up to 17,5 mm	372 x 465 x 200 mm 14.6" x 18.3" x 7.9"	1,65 Kg (3.6 lb)
T4	180 ÷ 315 mm 6" DIPS ÷ 10" DIPS	up to 13 mm	670 x 880 x 360 mm 26.4" x 34.6" x 14.2"	7 Kg (15.4 lb)

SHEARS

These are professional tools, essential for the manual cut of plastic pipes, such as PP and PP-R up to PN 25; HDPE, PB and PVDF up to Ø 75 mm (2" IPS). The C3 AC shears is entirely made in steel.

SUPPLIED WITH

- Shear body with blade



TECHNICAL FEATURES

MATERIALS	HDPE, PP, PP-R, PB, PVDF		
MODEL	Working range Ø	Overall dimensions	Weight
C 42	up to 42 mm 1 ¼" IPS	110 x 27 x 225 mm 4.3" x 1" x 8.9"	0,35 Kg (0.8 lb)
C2 AC	up to 42 mm 1 ¼" IPS	120 x 25 x 225 mm 4.7" x 1" x 8.9"	0,5 Kg (1.1 lb)
C3 AC	up to 75 mm 2" IPS	170 x 35 x 520 mm 6.7" x 1.4" x 20,5"	2,7 Kg (6 lb)

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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