

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



RTC - PIPE SCRAPERS

These professional rotary scrapers, designed and patented by Ritmo, are essential to prepare the plastic pipes and fittings before electrofusion welding. Practical and handy, the pipe scrapers remove the oxidation layer caused by weather and ultraviolet rays.

Smooth rotation has always been a virtue of RTC scrapers, and as the working diameters increase, the more this feature is appreciated. The main chuck has four extendable arms that clamps directly the inside diameter of the pipe. A tensioner allows a quality chip with constant thickness even with oval pipe.

The RTC 500 and RTC 710 features an extendable arm to scrape the exact length of the electrical coupler, which is an advantage when having to perform maintenance/repair jobs in the building site.

STANDARD COMPOSITION:

- Pipe scraper
- Adapters kit (except for RTC 710)
- Spare blade
- Tools
- Transport case
- Screwdriver and small cutter

**PERFECT
EVEN ON
OVALIZED
PIPES***

**QUICK
INSTALL**

**FAST
SCRAPING**

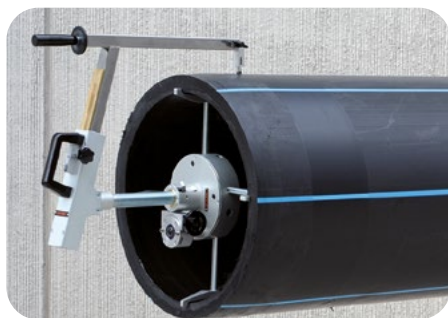
**ACCURATE
SCRAPING**



RTC 160



RTC 315



RTC 710



RTC 500

* According to:
ISO 11922-1; DVS 2207-1; DVS 2207 - 11
UNI 12201-2; ASTM D3035; PIPA : POP001

TECHNICAL FEATURES	RTC 160	RTC 315	RTC 500	RTC 710
Working range	Ø 50 ÷ 160 mm 2" IPS ÷ 6" IPS	Ø 75 ÷ 315 mm 3" IPS ÷ 12" IPS	Ø 180 ÷ 500 mm 8" IPS ÷ 20" IPS	Ø 355 ÷ 710 mm 14" IPS ÷ 28" IPS
External	Ø 38 ÷ 154 mm (1.5" x 6")	Ø 58 ÷ 300 mm (2.2" x 11.8")	Ø 110 ÷ 485 mm (4.3" x 19.1")	Ø 290 ÷ 675 mm (11.4" x 26.5")
Internal				
Max scraping length	114 mm 4.5"	137 mm; 5.4"	465 mm; 18.3"	530 mm; 28.7"
Max Dimensions	380 x 120 x 250 mm 14.9" x 4.7" x 9.8"	510 x 310 x 410 mm 20" x 12.2" x 16.1"	780 x 500 x 250 mm 31" x 20" x 10"	825 x 805 x 695 mm 32.5" x 31.7" x 27.3"
Dimensions transport case	390 x 210 x 135 mm 15.3" x 8.3" x 5.3"	230 x 500 x 270 mm 9" x 19.7" x 16.1"	480 x 280 x 750 mm 19" x 11" x 30"	800 x 580 x 350 mm 31.5" x 22.8" x 13.8"
Weight only RTC	2,50 Kg (5.5 lb)	4,50 Kg (9.9 lb)	14 Kg; (31 lb)	16 Kg (35.8 lb)
Weight standard composition	5,65 Kg (12,5 lb)	7,5 Kg (16.5 lb)	10 Kg (22 lb)	28 Kg (61.7 lb)

PS - PIPE SCRAPERS

Professional rotary scrapers, essential to prepare the plastic pipes and fittings before electrofusion welding. The tools has an adjustable chuck covering all the Ø of the working range, and a blade holder orbital arm. The PS series guarantees a constant and regular removal of the shaving.

The scrapers blade holder permits the scraping of the entire electrical sleeve's length, most useful when doing on site repairs.

STANDARD COMPOSITION:

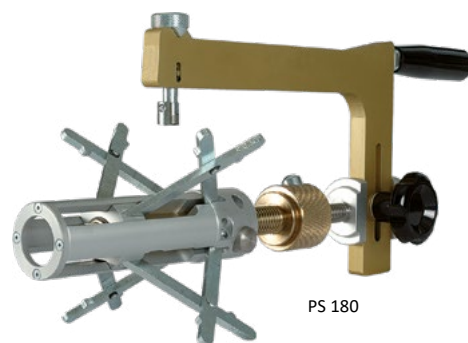
- PS 180 supplied with transport bag and spare blade
- PS 400 supplied with transport case and spare blade



**QUICK
INSTALL**

**EASY
TO USE**

**ACCURATE
SCRAPING**



PS 180



PS 400

TECHNICAL FEATURES	PS 180	PS 400
Working range	Ø 75 ÷ 200* mm (Ø 2.95" ÷ 7.87")	Ø 137 ÷ 426 mm
External	Ø 61 ÷ 184 mm (Ø 2.40" ÷ 7.24")	Ø 130 ÷ 391 mm
Internal		
Max scraping length	129 mm (5.1")	160 mm; 6,2"
Max Dimensions	595 x 272 x 190 mm (23.4" x 10.7" x 7.5")	790 x 400 x 400 mm (31.1" x 15.7" x 15.7")
Dimensions transport case	453 x 185 x 63 mm (17.8" x 7.3" x 2.5")	550 x 350 x 90 mm (21.6" x 13.7" x 3.5")
Weight standard composition	2,80 Kg (6.2 lb)	5,50 Kg (12.1lb)

(*200 mm from SDR 6 ÷ 26)

MANUAL SCRAPER

Emergency tool, as the scraping is significantly less precise and regular from the use of tools professional such as the use of scrapers TURBO, RTC, PS.

Max working range recommended up to Ø 63 mm. (2")



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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