

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

www.ritmo.it





Ritmo meets all your welding needs in your jobsite



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A DVANTAGE

RITMO



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.



FM 630 - 125

Workshop Machine for the fabrication of PP-R manifolds

Materials: PP; PP-R

The machine is composed by a support frame with two self-centering clamps that are free to slide independently along the whole length.

An off-set work station also free to move along the frame where are positioned: the welding machine, the driller, two control panels and the power supplier.

The drilling machine always guarantees a centered hole in the middle of the pipe.

The trolley system of the work station, with an electric motion regulated by a potentiometer, always allows easy operations during the movement, drilling and welding phases. The machine is equipped with two anti-tilt systems at the sides.

Hole saws

Dimensions of hole saws and connection shafts depend on physical characteristics of the PP-R fittings.

Welding sockets:

Saddle sockets available for different brands.



TECHNICAL FEATURES

Working range Main Pipe OD range	50 ÷ 630 mm
Working range Reduced Pipe OD range	20 ÷ 125 mm
Inserts	from 50 to 560 mm
Material	PP-R
Power supply	230 V single phase 50/60 HZ
Total absorbed power	3100 W
Dimensions machine	3967 x 1895 x 1571 mm 156.1" x 74.6" x 61.8"
Weight machine	1100 Kg (2.425 lb)



SOCKET & SPIGOT

These accessories are necessary for the socket fusion of pipes and fittings.

They were designed in accordance to the German standards, for which there are two version, "A" and "B", different in size and welding coupling depths.

Type A

Ø16 SOCKET & SPIGOT (A)
 Ø 20 SOCKET & SPIGOT (A)
 Ø 25 SOCKET & SPIGOT (A)
 Ø 32 SOCKET & SPIGOT (A)
 Ø 40 SOCKET & SPIGOT (A)
 Ø 50 SOCKET & SPIGOT (A)
 Ø 63 SOCKET & SPIGOT (A)
 Ø 75 SOCKET & SPIGOT (A)
 Ø 90 SOCKET & SPIGOT (A)
 Ø 110 SOCKET & SPIGOT (A)
 Ø 125 SOCKET & SPIGOT (A)

Type B

Ø16 SOCKET & SPIGOT (B)
 Ø 20 SOCKET & SPIGOT (B)
 Ø 25 SOCKET & SPIGOT (B)
 Ø 32 SOCKET & SPIGOT (B)
 Ø 40 SOCKET & SPIGOT (B)
 Ø 50 SOCKET & SPIGOT (B)
 Ø 63 SOCKET & SPIGOT (B)
 Ø 75 SOCKET & SPIGOT (B)
 Ø 90 SOCKET & SPIGOT (B)
 Ø 110 SOCKET & SPIGOT (B)
 Ø 125 SOCKET & SPIGOT (B)

Type "AQ"

Ø 20 SOCKET & SPIGOT TYPE-AQ
 Ø 25 SOCKET & SPIGOT TYPE-AQ
 Ø 32 SOCKET & SPIGOT TYPE-AQ
 Ø 40 SOCKET & SPIGOT TYPE-AQ
 Ø 50 SOCKET & SPIGOT TYPE-AQ
 Ø 63 SOCKET & SPIGOT TYPE-AQ
 Ø 75 SOCKET & SPIGOT TYPE-AQ
 Ø 90 SOCKET & SPIGOT TYPE-AQ
 Ø 110 SOCKET & SPIGOT TYPE-AQ
 Ø 125 SOCKET & SPIGOT TYPE-AQ

Saddles socket CTS

Ø ½" CTS SOCKET & SPIGOT
 Ø ¾" CTS SOCKET & SPIGOT
 Ø 1" CTS SOCKET & SPIGOT
 Ø 1¼" CTS SOCKET & SPIGOT

Saddles socket IPS

Ø ½" IPS SOCKET & SPIGOT
 Ø ¾" IPS SOCKET & SPIGOT
 Ø 1" IPS SOCKET & SPIGOT
 Ø 1¼" IPS SOCKET & SPIGOT
 Ø 1 ½" IPS SOCKET & SPIGOT
 Ø 2" IPS SOCKET & SPIGOT
 Ø 3" IPS SOCKET & SPIGOT
 Ø 4" IPS SOCKET & SPIGOT

Hole repairing Sockets and accessories

Ø 7 mm HOLE REPAIRING SOCKET & SPIGOT
 Ø 8 mm HOLE REPAIRING SOCKET & SPIGOT
 Ø 11 mm HOLE REPAIRING SOCKET & SPIGOT
 CLOSING TAPS SET - PE (20 PCS)
 CLOSING TAPS SET - ORANGE PP (20 PCS)

TYPE A

TYPE B





*** Saddle sockets metric
"AQ"**

- Ø 40-20/25 AQ SADDLE SOCKET
- Ø 50-20/25 AQ SADDLE SOCKET
- Ø 63-20/25 AQ SADDLE SOCKET
- Ø 63-32 AQ SADDLE SOCKET
- Ø 75-20/25 AQ SADDLE SOCKET
- Ø 75-32 AQ SADDLE SOCKET
- Ø 75-40 AQ SADDLE SOCKET
- Ø 90-20/25 AQ SADDLE SOCKET
- Ø 90-32 AQ SADDLE SOCKET
- Ø 90-40 AQ SADDLE SOCKET
- Ø 110-20/25 AQ SADDLE SOCKET
- Ø 110-32 AQ SADDLE SOCKET
- Ø 110-40 AQ SADDLE SOCKET
- Ø 110-50 AQ SADDLE SOCKET
- Ø 125-20/25 AQ SADDLE SOCKET
- Ø 125-32 AQ SADDLE SOCKET
- Ø 125-40 AQ SADDLE SOCKET
- Ø 125-50 AQ SADDLE SOCKET
- Ø 125-63 AQ SADDLE SOCKET
- Ø 160-20/25 AQ SADDLE SOCKET
- Ø 160-32 AQ SADDLE SOCKET
- Ø 160-40 AQ SADDLE SOCKET
- Ø 160-50 AQ SADDLE SOCKET
- Ø 160-63 AQ SADDLE SOCKET
- Ø 160-75 AQ SADDLE SOCKET
- Ø 160-90 AQ SADDLE SOCKET
- Ø 200-20/25 AQ SADDLE SOCKET
- Ø 200-50 AQ SADDLE SOCKET
- Ø 200-63 AQ SADDLE SOCKET
- Ø 200-75 AQ SADDLE SOCKET
- Ø 200-90 AQ SADDLE SOCKET
- Ø 200-110 AQ SADDLE SOCKET
- Ø 200-125 AQ SADDLE SOCKET
- Ø 250-50 AQ SADDLE SOCKET
- Ø 250-63 AQ SADDLE SOCKET
- Ø 250-75 AQ SADDLE SOCKET
- Ø 250-90 AQ SADDLE SOCKET
- Ø 250-110 AQ SADDLE SOCKET
- Ø 250-125 AQ SADDLE SOCKET

*** Saddle sockets metric
"N"**

- Ø 40-20/25 N SADDLE SOCKET
- Ø 50-20/25 N SADDLE SOCKET
- Ø 63-20/25 N SADDLE SOCKET
- Ø 63-32 N SADDLE SOCKET
- Ø 75-20/25 N SADDLE SOCKET
- Ø 75-32 N SADDLE SOCKET
- Ø 90-20/25 N SADDLE SOCKET
- Ø 90-32 N SADDLE SOCKET
- Ø 90-40 N SADDLE SOCKET
- Ø 90-50 N SADDLE SOCKET
- Ø 110-20/25 N SADDLE SOCKET
- Ø 110-32 N SADDLE SOCKET
- Ø 110-40 N SADDLE SOCKET
- Ø 110-50 N SADDLE SOCKET
- Ø 110-63 N SADDLE SOCKET
- Ø 125-20/25 N SADDLE SOCKET
- Ø 125-32 N SADDLE SOCKET
- Ø 125-40 N SADDLE SOCKET
- Ø 125-50 N SADDLE SOCKET
- Ø 125-63 N SADDLE SOCKET
- Ø 160-20/25 N SADDLE SOCKET
- Ø 160-32 N SADDLE SOCKET
- Ø 160-40 N SADDLE SOCKET
- Ø 160-50 N SADDLE SOCKET
- Ø 160-63 N SADDLE SOCKET
- Ø 200-20/25 N SADDLE SOCKET
- Ø 200-32 N SADDLE SOCKET
- Ø 200-40 N SADDLE SOCKET
- Ø 200-50 N SADDLE SOCKET
- Ø 200-63 N SADDLE SOCKET
- Ø 250-20/25 N SADDLE SOCKET
- Ø 250-32 N SADDLE SOCKET
- Ø 250-40 N SADDLE SOCKET
- Ø 250-50 N SADDLE SOCKET
- Ø 250-63 N SADDLE SOCKET
- Ø 315-32 N SADDLE SOCKET
- Ø 315-40 N SADDLE SOCKET
- Ø 315-50 N SADDLE SOCKET
- Ø 315-63 N SADDLE SOCKET

* Contact RITMO S.P.A. for more details



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