

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

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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.



PRISMA 125

This workshop/construction site welding machine is suitable for the socket fusion of pipes and fittings up to an OD of 125 mm, in accordance with the standards in force.

The PRISMA 125 is composed of a machine body featuring a selector for the welding depths of the different diameters, four self-centering steel clamps for locking pipes and fittings (different brands), a self-centring socket welder with electronic temperature control, a device for the maximum heating depth, a sliding trolley, a tripod to support the pipe, a set of sockets and spigots for socket fusion from \varnothing 25 to \varnothing 125 mm with steel case.

The welding machine is available in two versions, depending on the type of sockets & spigots supplied:

PRISMA 125 type A and PRISMA 125 type B.

STANDARD COMPOSITION

- Machine body complete with an electronic socket welder
- Steel case complete with sockets and spigots from \varnothing 25 to \varnothing 125 mm and tool kit
- Pipe support tripod
- Sliding trolley

TECHNICAL FEATURES

Working range	25 ÷ 125 mm
Materials	HDPE, PP, PP-R, PB, PVDF
Power supply	110 V Single Phase 50/60 Hz 230 V Single Phase 50/60 Hz
Max. absorbed power	1400 W
Working temperature	180° ÷ 280° C (356° ÷ 536° F)
Outside temperature range	-10° ÷ 40° C (14 ÷ 104° F)
Time to reach welding temperature	~ 10'
Weight Prisma 125 only	100 Kg (200.5 lb)
Dimensions machine working	1080 x 840 x 580 mm 42.5" x 33" x 22.8"
Transport case wood	1500 x 800 x 1300 mm 59" x 31.5" x 51.2"



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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