

# PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

[www.ritmo.it](http://www.ritmo.it)





# Ritmo meets all your welding needs in your 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.

# 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.

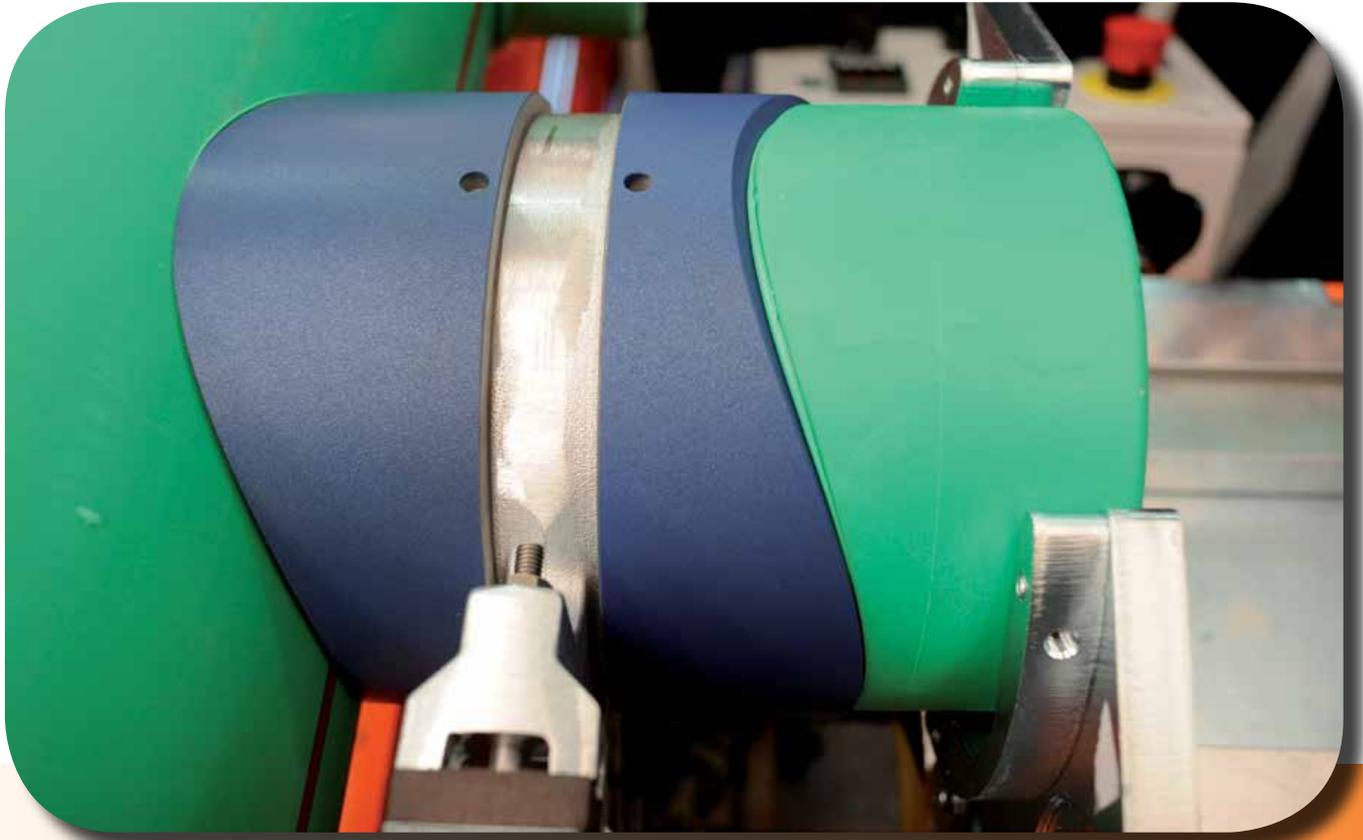
### **AFTER SALES TECHNICAL ASSISTANCE**

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.

# SOCKET WELDERS



## MANUAL EQUIPMENT

WORKING RANGE Ø mm	16	20	25	32	40	50	63	75	90	110	125
R 25	16	20	25								
R 63	16	20	25	32	40	50	63				
R 125 Q	16	20	25	32	40	50	63	75	90	110	125
WORKING RANGE Ø mm	16	20	25	32	40	50	63	75	90	110	125

## SOCKET FUSION MACHINE

WORKING RANGE Ø mm	20	25	32	40	50	63	75	90	110	125
PRISMA JIG	20	25	32	40	50	63				
PRISMA 90	20	25	32	40	50	63	75	90		
PRISMA 125		25	32	40	50	63	75	90	110	125
PRISMA 125 LIGHT	20	25	32	40	50	63				
						63	75	90	110	125
WORKING RANGE Ø mm	20	25	32	40	50	63	75	90	110	125

 ON REQUEST

## SADDLE SOCKET FUSION MACHINE

WORKING RANGE Ø mm	
FM 630-125	MAIN PIPE 50 ÷ 630 mm SADDLE FITTING 20 ÷ 125 mm



## 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.

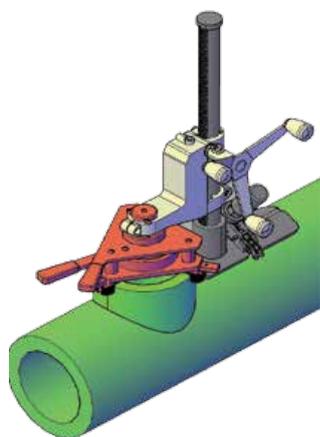
The trolley system of the work station, with an electric motion regulated by a potentiometer, always allows easy operations during the movement, drilling and welding phases. The machine is equipped with two anti-tilt systems at the sides.

### 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.



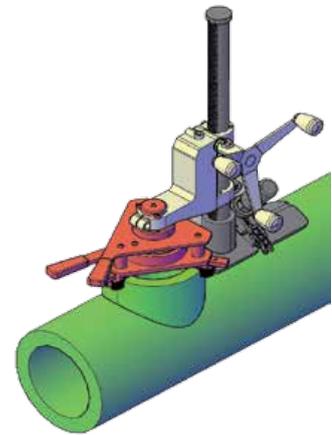
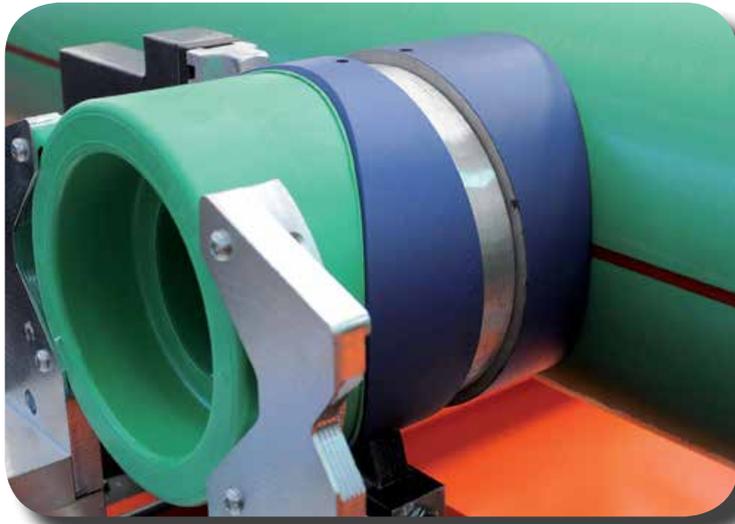
### PREVIEW

UP 125 new welding machine for the fabrication of PP-R manifolds on site.

More details: [info@ritmo.it](mailto:info@ritmo.it)

## TECHNICAL FEATURES

Working range <b>Main Pipe OD range</b>	50 ÷ 630 mm
Working range <b>Reduced Pipe OD range</b>	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)



### PREVIEW

UP 125 new welding machine for the fabrication of PP-R manifolds on site.

More details: [info@ritmo.it](mailto:info@ritmo.it)

### \* 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 75-40 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

**RITMO S.p.A.**  
Via A. Volta, 35/37 - 35037  
Bresseo di Teolo (PADOVA) ITALY

Ph. +39 049 9901888  
Fax +39 049 9901993

[info@ritmo.it](mailto:info@ritmo.it)  
[www.ritmo.it](http://www.ritmo.it)

