

# PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

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

# BUTT FUSION MACHINES *LIQUID DRAINAGE*



WORKING RANGE Ø mm	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315
MINI 160 JOYT	40	50	63	75	90	110	125	140	160						
MINI 160 JOYT ELBOWS	40	50	63	75	90	110	125	140	160						
VR 160 JOYT	40	50	63	75	90	110	125	140	160						
VR 250				75	90	110	125	140	160	180	200	225	250		
MAXI 315				75	90	110	125	140	160	180	200	225	250	280	315
WORKING RANGE Ø mm	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315

WORKING RANGE Ø mm / in	110 mm / 3" DIPS	125 mm / 4" DIPS	180 mm / 6" DIPS	280 mm / 10" DIPS
TP 125 / 45°	•			
TP 125	•	•		
TP 200	•	•	•	
TP 300	•	•	•	•



## MINI 160 JOYT - MINI 160 JOYT ELBOWS

MINI 160 JOYT and MINI 160 JOYT ELBOWS are portable butt fusion welders for drainage pipes up to  $\varnothing$  160 mm. These machines are characterized by the extractable heating plate, the safety microswitches on the milling cutter to avoid accidental starting, the articulated lateral supports. The Mini 160 JOYT has a frame, most useful during working and transportation. MINI 160 JOYT ELBOWS features special jaws for manufacturing elbows.

Available in two versions: one with a fixed mechanical thermostat (TF) and one with an adjustable electronic thermoregulator (TE).

- The machine body includes a spring-loaded pressure-regulating device and the rack-feed movement of the carriage provided by a handwheel.
- The rapid-lock clamps, in order to be able to lock elbows (also with a very short neck), tees and Y-branches without the need of any additional device.
- The protection housing around the heating element.

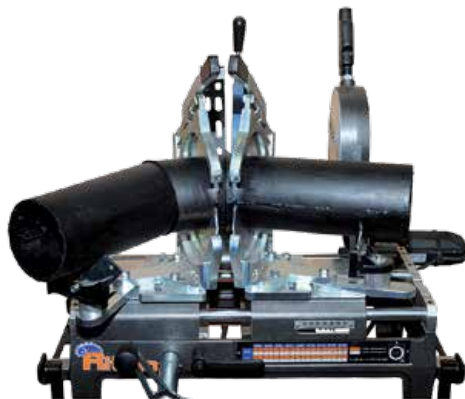
### STANDARD COMPOSITION

- Machine body (with milling cutter, lateral supports and keys)
- Heating plate TP 200 TE or TP 200 TF
- Right clamp group  $\varnothing$  160 JOYT
- Left clamp group  $\varnothing$  160 JOYT
- Frame MINI 160 JOYT
- Case with set of clamps and lateral supports' adapters  $\varnothing$  40, 50, 63, 75, 90, 110, 125 mm

### ON REQUEST

- Clamps and lateral supports' adapters  $\varnothing$  56, 135, 140 mm
- Milling cutter blade SILENT (for Geberit)

### TECHNICAL FEATURES



Working range	40 ÷ 160 mm
Materials	HDPE, PP, PVDF
Power supply	230 V Single Phase 50/60 Hz
Max. absorbed power	2250 W
Working temperature	180° ÷ 280° C (TE) 210° C (TF)
Outside temperature range	-5° ÷ 40° C
Time to reach welding temperature	~ 10' (TE)
Weight	50 Kg
Dimensions machine working	664 x 580 x 1235 mm



**Ritmo**  
PLASTIC WELDING TECHNOLOGY



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