

# 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					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	•	•	•	•



TP 125/45°



TP 125



TP 200



TP 300

# HEATING PLATES SERIES FOR BUTT WELDING

Series of manual instruments equipped with an aluminum heating plate Teflon-coated (PTFE) and a practical heat-insulated plastic handle. Available in two versions: one with a fixed mechanical thermostat (TF) and one with an adjustable electronic thermoregulator (TE). The heating plates are available in different shapes and working ranges according to the operator's requirements.

## STANDARD COMPOSITION

All the models are supplied with:

- A basic heating plate
- A fork support

## ON REQUEST

- Bench vice support (the same for all models except TP 300)
- Transportation box in electro-painted steel

## TECHNICAL FEATURES

TYPE: TE, TF	TP 125	TP 125/45°	TP 200	TP 300
Working range	up to Ø 125 mm; 4" DIPS	up to Ø 110 mm; 3" DIPS	up to Ø 180 mm; 6" DIPS	up to Ø 280 mm; 10" DIPS
Materials TE	HDPE, PP, PVC, PVDF	HDPE, PP, PVC, PVDF	HDPE, PP, PVC, PVDF	HDPE, PP, PVC, PVDF
Materials TF	HDPE	HDPE	HDPE	HDPE
Power supply	230 V S. Ph. 50/60 Hz	230 V S. Ph. 50/60 Hz	110 V S. Ph. 50/60 Hz (TE) 230 V S. Ph. 50/60 Hz	230 V S. Ph. 50/60 Hz
Max. absorbed power	700 W	500 W	850 W (TE 110 V) 1200 W	1300 W
Working temperature	180° ÷ 280° C ± 1% TE (356° ÷ 536° F ± 1% TE) 210° C ± 5% TF (410° F ± 5% TF)	180° ÷ 280° C ± 1% TE (356° ÷ 536° F ± 1% TE) 210° C ± 5% TF (410° F ± 5% TF)	180° ÷ 280° C ± 1% TE (356° ÷ 536° F ± 1% TE) 210° C ± 5% TF (410° F ± 5% TF)	180° ÷ 280° C ± 1% TE (356° ÷ 536° F ± 1% TE) 210° C ± 5% TF (410° F ± 5% TF)
Ambient temperature	-5° ÷ 40° C	5° ÷ 40° C	5° ÷ 40° C	5° ÷ 40° C
Time to reach welding temperature (TE)	~ 10'	~ 10'	~ 10'	~ 10'
Weight	2,16 Kg (4.7 lb)	1,95 Kg (4.3 lb)	3,21 Kg ( 7 lb)	5,09 Kg (11.2 lb)
Dimensions	140 x 50 x 410 mm 5.5" x 2" x 16.1"	140 x 130 x 370 mm 5.5" x 5.1" x 14.6"	200 x 50 x 440 mm 7.9" x 2" x 17.3"	300 x 50 x 550 mm 11.8" x 2" x 21.6"



**Ritmo**  
PLASTIC WELDING TECHNOLOGY



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