

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.



OMEGA 400 - 315

OMEGA 400 - 315 is a fusion welding machine for in shop use for the manufacturing of special parts, such as reducing branches (Tees, Crosses) .

STANDARD COMPOSITION

- Machine body with manual carriage for socket centring
- Hydraulic jaws for locking pipe & branches
- Side support for branches
- Quick release inserts
- EASY LIFE control panel: allows a simple-easy-repeatable welding cycle, reducing the necessity of operator's intervention.
- A built-in memory records 4000 welding cycles; the data will be available through PDF reports, downloadable in a USB pen drive. Possibility to pre-set 20 customized.
- Hydraulic movement of heating plate that can host male/female sockets with heating plate detaching device
- Reduced Tee Driller (on request)

INTEGRATIVE SYSTEMS

RADIUS 40-315 machine for radial cutting

Reduced Tee Driller



FEASIBLE BRANCHES

Ø mm BRANCH PIPE

Ø mm MAIN PIPE	50	63	75	90	110	125	140	160	180	200	225	250	280	315
90	*	*												
110	*	*	*											
125	*	*	*	*										
140	*	*	*	*	*									
160	*	*	*	*	*	*								
180	*	*	*	*	*	*	*							
200	*	*	*	*	*	*	*	*						
225	*	*	*	*	*	*	*	*	*					
250	*	*	*	*	*	*	*	*	*	*				
280	*	*	*	*	*	*	*	*	*	*	*			
315	*	*	*	*	*	*	*	*	*	*	*	*		
355	*	*	*	*	*	*	*	*	*	*	*	*	*	
400	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TECHNICAL FEATURES

Materials	HDPE, PP
Power supply	230 Vac 50/60 Hz
Total absorbed power	6500 W
Working temperature	180° ÷ 280° C (356° ÷ 536° F)
Weight: machine	735 Kg (1620 lb)
Weight: control panel	55 Kg (1740 lb)
Dimensions: machine	1680 x 1600 x 1690 mm; 66.1" x 63" x 66.5"
Dimensions: control panel	600 x 600 x 1150 mm; 23.6" x 23.6" x 45.2"



OMEGA 630 - 315

OMEGA 630 - 315 is a fusion welding machine for in shop use for the manufacturing of special parts, such as reducing branches (Tees, Crosses). Available a model 24" IPS - 12" IPS

STANDARD COMPOSITION

- Machine body with manual carriage for socket centring
- Hydraulic jaws for locking pipe & branches
- Side support for branches
- Quick release inserts
- EASY LIFE control panel: allows a simple-easy-repeatable welding cycle, reducing the necessity of operator's intervention
- A built-in memory records 4000 welding cycles; The data will be available through PDF reports, downloadable in a USB pen drive. Possibility to pre-set 20 customized.
- Hydraulic movement of heating plate that can host male/female sockets with heating plate detaching device
- Reduced Tee Driller (on request)

INTEGRATIVE SYSTEMS

RADIUS 40-315 machine for radial cutting

FEASIBLE BRANCHES
Ø mm BRANCH PIPE

Ø mm MAIN PIPE	50	63	75	90	110	125	140	160	180	200	225	250	280	315
90	*	*	*	*	*	*	*	*	*	*	*	*	*	*
110	*	*	*	*	*	*	*	*	*	*	*	*	*	*
125	*	*	*	*	*	*	*	*	*	*	*	*	*	*
140	*	*	*	*	*	*	*	*	*	*	*	*	*	*
160	*	*	*	*	*	*	*	*	*	*	*	*	*	*
180	*	*	*	*	*	*	*	*	*	*	*	*	*	*
200	*	*	*	*	*	*	*	*	*	*	*	*	*	*
225	*	*	*	*	*	*	*	*	*	*	*	*	*	*
250	*	*	*	*	*	*	*	*	*	*	*	*	*	*
280	*	*	*	*	*	*	*	*	*	*	*	*	*	*
315	*	*	*	*	*	*	*	*	*	*	*	*	*	*
355	*	*	*	*	*	*	*	*	*	*	*	*	*	*
400	*	*	*	*	*	*	*	*	*	*	*	*	*	*
450	*	*	*	*	*	*	*	*	*	*	*	*	*	*
500	*	*	*	*	*	*	*	*	*	*	*	*	*	*
560	*	*	*	*	*	*	*	*	*	*	*	*	*	*
630	*	*	*	*	*	*	*	*	*	*	*	*	*	*

FEASIBLE BRANCHES
Ø IPS BRANCH PIPE

Ø IPS MAIN PIPE	1 ½	2	2 ½	3	4	5	6	8	10	12
3	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*	*	*
6	*	*	*	*	*	*	*	*	*	*
8	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*	*	*	*

Reduced Tee Driller



TECHNICAL FEATURES

Materials	HDPE, PP
Power supply	230 Vac 50/60 Hz
Total absorbed power	6500 W
Working temperature	180° ÷ 280° C (356° ÷ 536° F)
Weight: machine	758 Kg (1671 lb)
Weight: control panel	55 Kg (1740 lb)
Dimensions: machine	1680 x 1600 x 1690 mm; 66.1" x 63" x 66.5"
Dimensions: control panel	600 x 600 x 1150 mm; 23.6" x 23.6" x 45.2"

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