

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.



Ritmo
PLASTIC WELDING TECHNOLOGY



RITMO'S BUTT FUSION MACHINES: WORK PHILOSOPHY AVAILABLE TO EVERYONE!

- **MANUAL**

welding machines without hydraulic gearcase



- **HYDRAULIC**

welding machines with hydraulic gearcase



- **EASY LIFE SYSTEM** *HIGH LEVEL PERFORMANCE*

automated welding cycle
welding machines with special hydraulic gearcase
Hardware and Software interact to the entire workflow
repetition of welding cycles
GPS, data-logging and report PDF



- **ALL TERRAIN** *HIGH LEVEL PERFORMANCE*

self-contained generator on board
self-propelled
trolley with wheels
welding machines with special hydraulic gearcase
automated welding cycle
Hardware and Software interact to the entire workflow
repetition of welding cycles
GPS, data-logging and report PDF



- **CNC** *HIGH LEVEL PERFORMANCE*

automatic welding cycle
special hydraulic gearcase and machine body with
integrated mechanical extraction of heating plate
Hardware and Software interact to the entire workflow
repetition of welding cycles
GPS, data-logging and report PDF





ROLLERS 355

ROLLERS

This device is essential for supporting the pipes while they are being welded with the butt fusion machines. The roller minimizes pipe friction and drag force independently of the jobsite conditions.

- ROLLER 355 can sustain pipes up to \varnothing 355 mm - 14" IPS. Easy to use and light

- ROLLER 1000 can sustain pipes from up to 1000 mm - 36" DIPS. The structure is light, so it is easy to carry and can be disassembled and reassembled in a few steps. This feature allows to store up to eight rollers in a single pallet thus improving transportation and logistics. Another advantage is the misalignment of the rollers in order to move the pipe easily even with the presence of weld beads. Working range from \varnothing 315 to 1000 mm (10" DISP - 36" DIPS).

STANDARD COMPOSITION

Complete roller with tools



TECHNICAL FEATURES

Rollers 355	
Working range	\varnothing 0 ÷ 355 mm; up to 14" IPS
Dimensions	360 x 220 x 200 mm 14.1" x 8.6" x 7.9"
Weight	6 Kg (13.2 lb)
Rollers 1000	
Working range	\varnothing 315 ÷ 1000 mm \varnothing 10" DIPS ÷ 36" DISP
Dimensions	1040 x 600 x 320 mm 41" x 23.6" x 12.6"
Weight	27 Kg (59.5 lb)



ROLLERS 1000

BUTT FUSION MACHINES REFERENCE



WORKING RANGE Ø mm	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200	1400	1600	
GAMMA 160		40	50	63	75	90	110	125	140	160																				
DELTA 160 M	32	40	50	63	75	90	110	125	140	160																				
DELTA 200 M				63	75	90	110	125	140	160	180	200																		
BASIC 160		40	50	63	75	90	110	125	140	160																				
BASIC 200				63	75	90	110	125	140	160	180	200																		
BASIC 250					75	90	110	125	140	160	180	200	225	250																
BASIC 315						90	110	125	140	160	180	200	225	250	280	315														
BASIC 355								125	140	160	180	200	225	250	280	315	355													
COMPACT 355								125	140	160	180	200	225	250	280	315	355													
BASIC 160 EASY LIFE		40	50	63	75	90	110	125	140	160																				
BASIC 200 EASY LIFE				63	75	90	110	125	140	160	180	200																		
BASIC 250 EASY LIFE					75	90	110	125	140	160	180	200	225	250																
BASIC 315 EASY LIFE						90	110	125	140	160	180	200	225	250	280	315														
BASIC 355 EASY LIFE								125	140	160	180	200	225	250	280	315	355													
DELTA 500 EASY LIFE												200	225	250	280	315	355	400	450	500										
DELTA 630 EASY LIFE															280	315	355	400	450	500	560	630								
DELTA 500												200	225	250	280	315	355	400	450	500										
DELTA 630															280	315	355	400	450	500	560	630								
DELTA 800																				500	560	630	710	800						
DELTA 1000																						630	710	800	900	1000				
DELTA 1200																							710	800	900	1000	1200			
DELTA 1600																								800	900	1000	1200	1400	1600	
DELTA 250 TRAILER					75	90	110	125	140	160	180	200	225	250																
DELTA 355 TRAILER								125	140	160	180	200	225	250	280	315	355													
DELTA 355 ALL TERRAIN								125	140	160	180	200	225	250	280	315	355													
DELTA 500 TRAILER												200	225	250	280	315	355	400	450	500										
DELTA 500 ALL TERRAIN												200	225	250	280	315	355	400	450	500										
DELTA 630 TRAILER													225	250	280	315	355	400	450	500	560	630								
DELTA 630 ALL TERRAIN													225	250	280	315	355	400	450	500	560	630								
DELTA 1000 TRAILER																315	355	400	450	500	560	630	710	800	900	1000				
DELTA DRAGON 250 CNC					75	90	110	125	140	160	180	200	225	250																
DELTA DRAGON 315 CNC						90	110	125	140	160	180	200	225	250	280	315														
WORKING RANGE Ø mm	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200	1400	1600	

CTS	IPS																																				
	1"	1 1/4"	1 1/2"	2"	1"	1 1/4"	1 1/2"	2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	42"	48"	52"	54"	63"					
GAMMA 160																																					
DELTA 160 M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 200 M																																					
BASIC 160																																					
BASIC 200																																					
BASIC 250																																					
BASIC 315																																					
BASIC 355																																					
COMPACT 355																																					
BASIC 160 EASY LIFE																																					
BASIC 200 EASY LIFE																																					
BASIC 250 EASY LIFE																																					
BASIC 315 EASY LIFE																																					
BASIC 355 EASY LIFE																																					
DELTA 500 EASY LIFE																																					
DELTA 630 EASY LIFE																																					
DELTA 500																																					
DELTA 630																																					
DELTA 800																																					
DELTA 1000																																					
DELTA 48"																																					
DELTA 1600																																					
DELTA TRAILER 250																																					
DELTA 355 TRAILER																																					
DELTA 355 ALL TERRAIN																																					
DELTA 500 TRAILER																																					
DELTA 500 ALL TERRAIN																																					
DELTA 630 TRAILER																																					
DELTA 630 ALL TERRAIN																																					
DELTA 1000 TRAILER																																					
IPS																																					

DIPS																	
	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"	60"
GAMMA 160		*															
DELTA 160 M	*	*															
DELTA 200 M	*	*	*														
BASIC 160	*	*															
BASIC 200	*	*	*														
BASIC 250	*	*	*	*													
BASIC 315	*	*	*	*	*												
BASIC 355	*	*	*	*	*	*											
COMPACT 355	*	*	*	*	*	*	*										
BASIC 160 EASY LIFE	*	*															
BASIC 200 EASY LIFE	*	*	*														
BASIC 250 EASY LIFE	*	*	*	*													
BASIC 315 EASY LIFE	*	*	*	*	*												
BASIC 355 EASY LIFE	*	*	*	*	*	*											
DELTA 500 EASY LIFE				*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 630 EASY LIFE				*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 500				*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 630				*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 800							*	*	*	*	*	*	*	*	*	*	*
DELTA 48"										*	*	*	*	*	*	*	*
DELTA 1600										*	*	*	*	*	*	*	*
DELTA TRAILER 250	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 355 TRAILER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 355 ALL TERRAIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 500 TRAILER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 500 ALL TERRAIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 630 TRAILER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 630 ALL TERRAIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DELTA 1000 TRAILER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DIPS																	



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
www.ritmo.it



Watch
the Corporate Video