

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"





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.



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

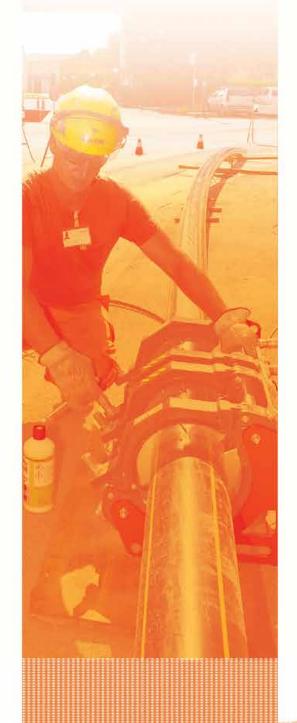
Ritmo's Service Centre can solve all kind of technical issues, as well as overhaul our machines. Ritmo has other Service Centres abroad, linked to its official distributors.

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'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

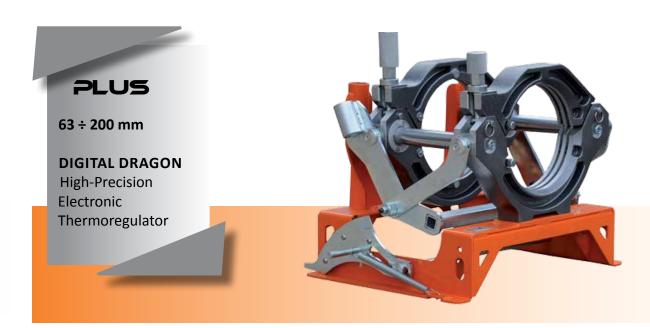
self-contained generator on board
self-propelled
trolley with wheels
welding machines with special hydraulic gearcase
automated welding cycle
Hardware and Software interact to the entire workflow
repetition of welding cycles
GPS, data-logging and report PDF



- 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





DELTA 200 M

DELTA 200 M is a manual butt fusion welder for pipes up to Ø 200 mm (6" DISP). Leading particulars are the restricted weight, minimum overall dimensions and versatility. Featuring: a machine body, two clamps, an extractable electric milling cutter provided with a safety micro-switch, an extractable heating plate (with an independent thermometer to see the real working temperature and an electronic thermoregulator "Digital Dragon" with display), DELTA 200 M have a locking device clamps - aligner that helps the operator to apply the necessary welding force. The Digital Dragon is an high precision electronic thermoregulator (± 1° C accuracy) with digital display and regulating buttons. This new system includes Led indicators to check if the machine is working normally (live tension and working temperature), contingent probe's failures and/or temperature anomalies.

STANDARD COMPOSITION

- Machine body
- Heating plate with digital electronic temperature control
- Milling cutter
- Milling cutter/Heating plate support with pre-insulated bag for heating plate

ON REQUEST

Clamps' inserts from \emptyset 63 to 180 mm; \emptyset 2" \div 6" IPS; \emptyset 3" \div 6" DIPS Trolley for machine transportation and support



TECHNICAL FEATURES

63 ÷ 200 mm: 2" IPS ÷ 6" DIPS
HDPE, PP For other materials contact RITMO S.P.A.
110 V Single Phase 50/60 Hz 230 V Single Phase 50/60 Hz
3000 W (110 V) 3000 W (230 V)
180° ÷ 280° C (356° ÷ 536° F)
-10° ÷ 40° C; (14° ÷ 104° F)
30 Kg (66.1 lb)
529 x 499 x 1100 mm 20.8" x 19.6" x 43.3"

^{*} Suggested power generator 5,5 ÷ 6kVA



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	1"	1%"	1%"	2"																												
IPS					1"	1%"	11/2"	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					•	•	•	•	٠		•																				\Box	
DELTA 160 M	•	•	•	•	•	•	•	•	٠	٠	•																					
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DELTA 630 EASY LIFE														٠	•	•	•	•	•	•	٠											П
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DELTA 800																			•	٠	٠	•	٠	٠								
DELTA 1000													П								•	•	•	٠	•	•	•					П
DELTA 48"													П										•	٠	•	•	•	•				П
DELTA 1600																									•	•	•	•	•	•	•	•
DELTA TRAILER 250								•	•	•	•	•	•																			
DELTA 355 TRAILER										•	•	•	•	•	•	•																
DELTA 355 ALL TERRAIN										•	•	•	•	•	•	•																
DELTA 500 TRAILER												•	•	•	•	•	•	٠	•													
DELTA 500 ALL TERRAIN												•	•	•	•	•	•	•	•													
DELTA 630 TRAILER													•	٠	•	•	•	•	•	•	٠											
DELTA 630 ALL TERRAIN													•	•	•	•	•	•	•	•	•											
DELTA 1000 TRAILER																•	•	•	•	•	٠	•	•	•	•	•	•					
IPS					1"	11/2"	11/2"	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"

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	•	٠	٠														
BASIC 160	•	٠															
BASIC 200	•	•	•														
BASIC 250	•	•	•	•													
BASIC 315	•	٠	٠	•	٠												
BASIC 355	•	٠	•	•	٠	•											
COMPACT 355	•	•	•	•	٠	•											
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BASIC 315 EASY LIFE	•	•	•	•	•												
BASIC 355 EASY LIFE	•	•	•	•	•	•											
DELTA 500 EASY LIFE				•	٠	•	•	٠	٠								
DELTA 630 EASY LIFE					•	•	•	•	٠	•							
DELTA 500				•		•	•										
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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	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"	60'



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