

# RITMO AMERICA



"AT EASE IN YOUR JOBSITE"

[www.ritmoamerica.com](http://www.ritmoamerica.com)







RITMO S.P.A. is a world leader with over 35 years of experience in the manufacturing of plastic welding equipment. All products are designed and built according to International standards and directives (UNI, ISO, CEE). Since the very beginning, quality and technology innovation are RITMO's milestones, and time after time, this philosophy is always more recognized by the global market. RITMO strong points are its ideas to design and produce accurate, fast, versatile, modular and easy-to-use welding machines. Products range includes butt fusion, electrofusion and extrusion equipment. Ritmo is also providing a complete line of accessories and useful instruments for pipe cutting and weld preparation such as the band saws. RITMO's regards towards the client has brought to the new-born "RITMO FUSION OPERATOR SCHOOL", which is a welding school with the goal of building qualified personnel and spread the knowledge about the technical potentiality of RITMO's equipment: **TECHNOLOGY MADE IN ITALY.**

# MADE IN ITALY

DESIGNED & MANUFACTURED  
IN ITALY



watch the video



**ISO 9001**  
**Quality System**







Ritmo America LLC - FL



Rossella Contiero - Managing Director

# RITMO AMERICA

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[www.youtube.com/user/RitmoPlasticWelding](https://www.youtube.com/user/RitmoPlasticWelding)



# A D V A N T A G E RITMO SERVICE

## **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

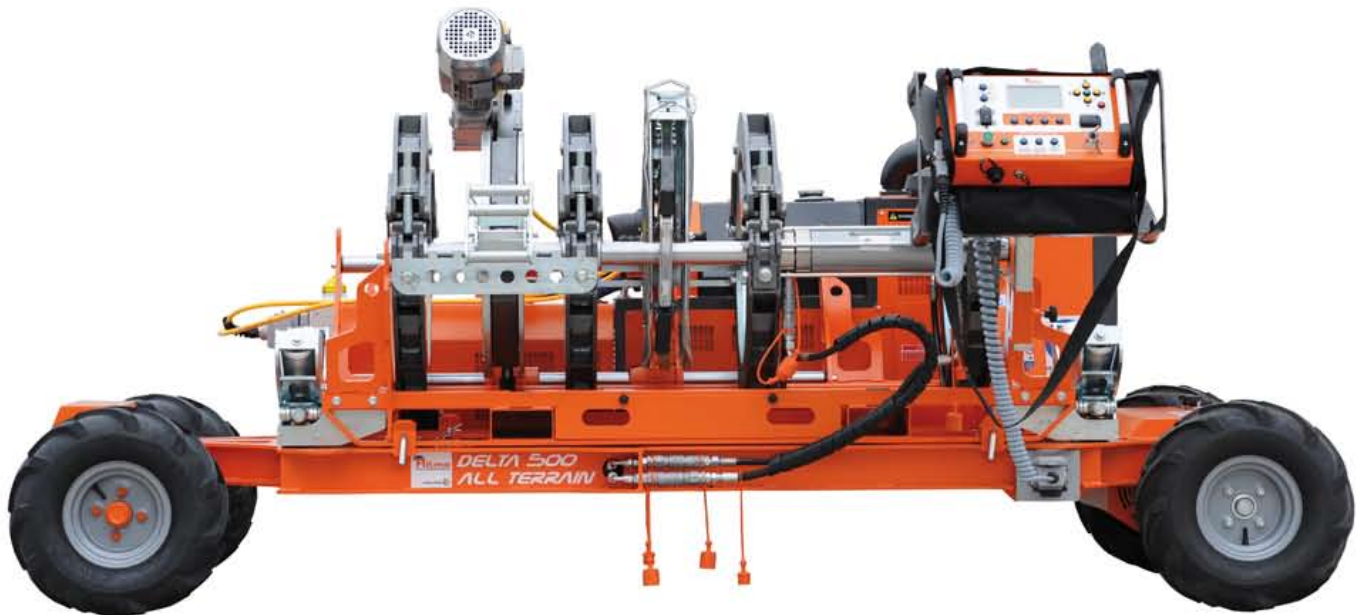


WORKING RANGE

MODEL	IPS	DIPS	1	1¼	1½	2	3	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40	42	48	54	60	63
DELTA 160 M																															
BASIC 160 EASY LIFE																															
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DELTA 1200																															
DELTA 1600																															
IPS	DIPS	1	1¼	1½	2	3	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40	42	48	54	60	63	

• On request

# DELTA 500 ALL TERRAIN



**DELTA 500 ALL TERRAIN** is powered by a low-vibration diesel engine and equipped with front steering wheels and rear traction. The machine is suitable for welding pressure pipes (HDPE, PP) for the transportation of water, gas and other fluids up to Ø 20 "IPS (500 mm).

Built according to the International standards **ISO 21307 HIGH PRESSURE** (machine works with a pressure range that is three times and a half higher than the ISO Low Pressure one. This enhances productivity, with a welding time saving up to 60%).

- Working range from Ø 6" IPS ÷ 20" IPS (200 to 500 mm)
- Welds fittings like elbows, tees, Y-branches and stub flanges
- New **RITMO Patented assisted system** to open/close/lift clamps-heater-facer
- Fast-locking system which allows to place and remove inserts in seconds
- Easy Life welding system
- GPS traceability
- Data-logging included
- Memory up to 4000 joint reports - downloadable straight into a PDF file
- USB port for firmware upgrade
- Intuitive control panel and large graphic display
- Machine body and on-board generator easily removable for working in tight spaces
- Machine can be powered using 230 V Three phase 50/60 Hz
- Wheeled chassis designed to be lifted using a forklift
- Two lateral rollers that can be operated by a cordless drill
- On-board electric facer that is equipped with a safety microswitch
- On-board generator removable for independent use

## ON REQUEST (ACCESSORIES):

- Clamps' inserts from  
Ø 6" IPS to 18" IPS  
Ø 6" DISP to 18" DIPS  
Ø 200 to 450 mm
- Tool for flange necks
- Kit for data transfer to printer ESC-POS
- HS ROLLERS 630





## TECHNICAL FEATURES

Working range	6" IPS + 20" IPS (200 + 500 mm)	
Power supply	Self contained diesel engine	230 V Three phase 50/60 Hz
Total absorbed power	-	7250 W
Working temperature	356° + 536° F	
Materials	HDPE, PP For other materials contact RITMO S.p.A.	

Lateral rollers



Dimensions (W x D x H)	
Machine body	71,7" x 45,3" x 38,9"
Trailer	116,3" x 62,1" x 53,9"
On board generator	47,2" x 20,2" x 33,8"
Weight	2975 lb





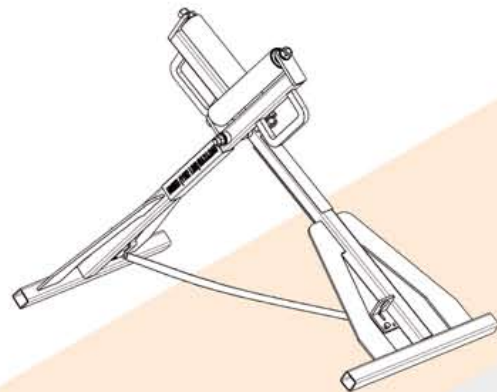
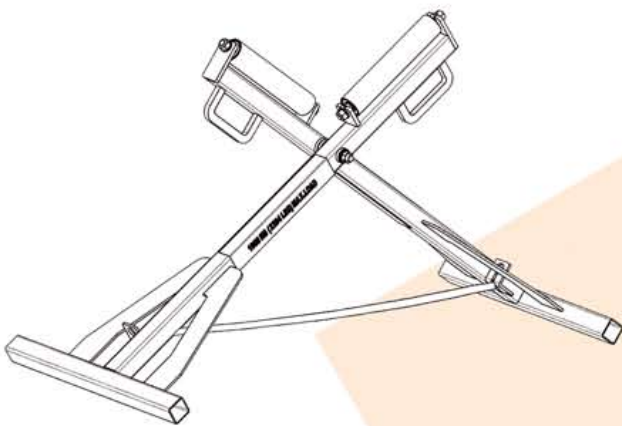
# HS ROLLERS

**HIGH STAND ROLLERS**, this device is essential for supporting the pipes while they are being welded with the butt fusion machines. The rollers minimise pipe friction and drag force no matter which is the construction site condition. Special design for All Terrain / Trailer Line.



## HS ROLLERS 250

Working range max: Ø 8" (250 mm)  
Overall dimension: 45" x 20" x 30" (W x D x H)  
Weight: 57 lb  
Weight capacity: 1100 lb

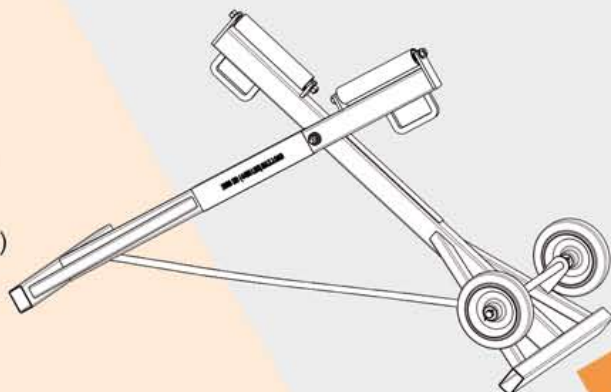


## HS ROLLERS 355

Working range max: Ø 14" (355 mm)  
Overall dimension: 56" x 23,5 x 32" (W x D x H)  
Weight: 72,5 lb  
Weight capacity: 2200 lb

## HS ROLLERS 630

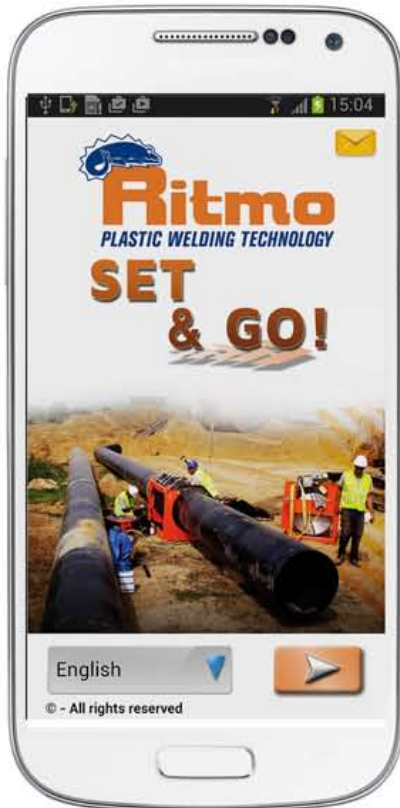
Working range max: Ø 24" (630 mm)  
Overall dimension: 69,5" x 31,5" x 38,5" (W x D x H)  
Weight: 121 lb  
Weight capacity: 4400 lb





# DOWNLOAD

## SET & GO!



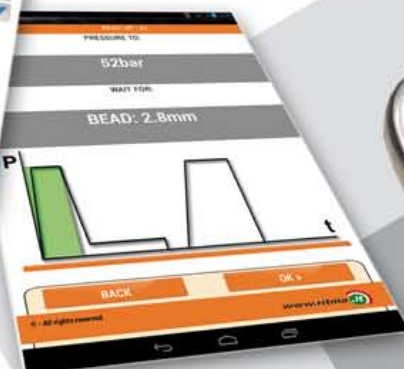
APP developed by RITMO for its butt fusion machines.

**"SET & GO"** calculates the welding parameters in a simple, fast and useful way.

Through easy steps, like selecting the machine model, setting up the pipe data and choosing the welding standard, **"SET & GO"** tells you immediately your welding parameters!

The welding cycle is assisted and guided, step-by-step, by a handy timer with countdown function

**"SET & GO"** ...set to the future!





## BUTT FUSION MACHINES REFERENCE

MODEL																				
Millimeters	32	40	50	56	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450
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the Corporate Video