

# RITMO AMERICA



## PRODUCTS CATALOGUE

"AT EASE IN YOUR JOBSITE"

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



# 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.*



## DELTA 355 ALL TERRAIN

DELTA 355 ALL TERRAIN welds HDPE, PP pipes and fittings for the transportation of gas, water and other fluids under pressure from 125 mm to 355 mm or from 4" IPS to 14" IPS. It is designed to work according to welding standard ISO 21307 High Pressure. DELTA 355 ALL TERRAIN can be equipped with two types of engine: diesel low vibration and petrol. The engine, like an electrical generator, independently gives the necessary power supply to the machine during all its working and movement phases.

Machine composition:

- Removable control panel with data-logging, memory up to 4000 welding reports, GPS traceability; USB port for welding report / data download / firmware upgrade
- Easy-life welding control system: hardware and software have been developed to interact to each other sharing data during the entire workflow. Once set the welding parameters up, the system guarantees the repetition of the welding cycle, avoiding errors. The operator only have to confirm the work phases on the just pushing a button. Possibility to pre-set 20 customized
- Chassis is equipped with front steering wheels and rear traction; parking brake, machine frame design for forklift lifting
- Removable machine body to work in tight spaces with shavings collection tray
- Dragging bar designed to weld between the 3rd and 4th clamp
- Ritmo patented insert quick release SMARTLOCK SYSTEM
- On-board electrical milling cutter with integrated locking handle system, safety switch-off device, motor thermic protection and gas spring to easily lift/lower the facer
- On-board heating plate with protection frame and insulated protection bag; gas-spring for easy lift/lower the heating plate
- Heating plate and facer locking system for safe transportation
- Two hydraulic rollers for pipe loading and unloading
- Kit for network power supply connection (upon request) excluding the machine engine and weld in closed environments
- 25 lt capacity tank for more than 12 working hours operating time

### STANDARD COMPOSITION



Machine body



Hydraulic  
Rollers



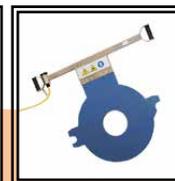
Trolley



Control panel  
with GPS



Milling cutter



Heating plate

## TECHNICAL FEATURES

### PLUS

125 ÷ 355 mm  
4" IPS ÷ 14" IPS

SELF CONTAINED  
GPS  
EASY LIFE  
WELDING SYSTEM

Working range	125 ÷ 355 mm 4" IPS ÷ 14" IPS
Materials	HDPE, PP, for other materials contact RITMO S.P.A.
Power supply	self contained / indipendent <b>Diesel</b> Kohler-Lombardini - 8,6 kW <b>Gasoline</b> Honda - 14,5 kW
Fuel tank capacity	25 Litres
Operational tank capacity	over 12 Hours
Absorbed power Max	5,6 kW (230 V Single Phase) it refers to the welding machine use when connected to network power supply (excluding on-board generator)
Memory	4000 Reports
Dimensions (W x D x H)	2210 x 1600 x 1335 mm
Weight machine body	275 Kg
Weight standard composition	755 Kg

### ON REQUEST

Inserts Ø 125 ÷ 315 mm; Ø 4" ÷ 12" IPS; 4" ÷ 12" DIPS; Tool for flange necks, HS 355 rollers, Print, Kit for for IN-DITCH use, Plug for network power supply connection, Lifting kit.



Delta 355 All Terrain lifting



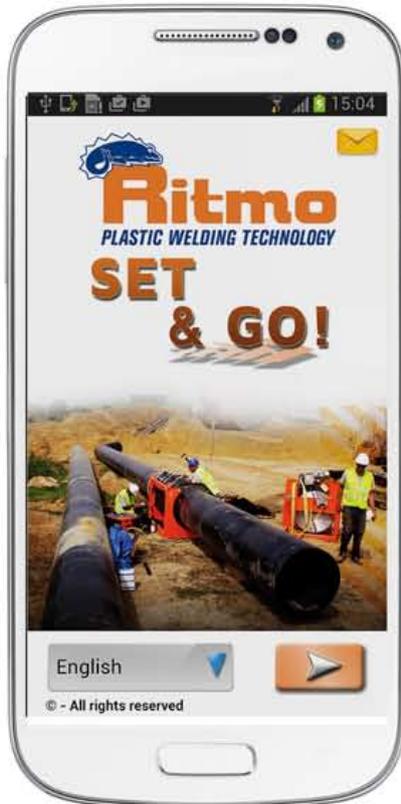
Only machine body lifting



Gasoline or Diesel generator available

# DOWNLOAD

## SET & GO!



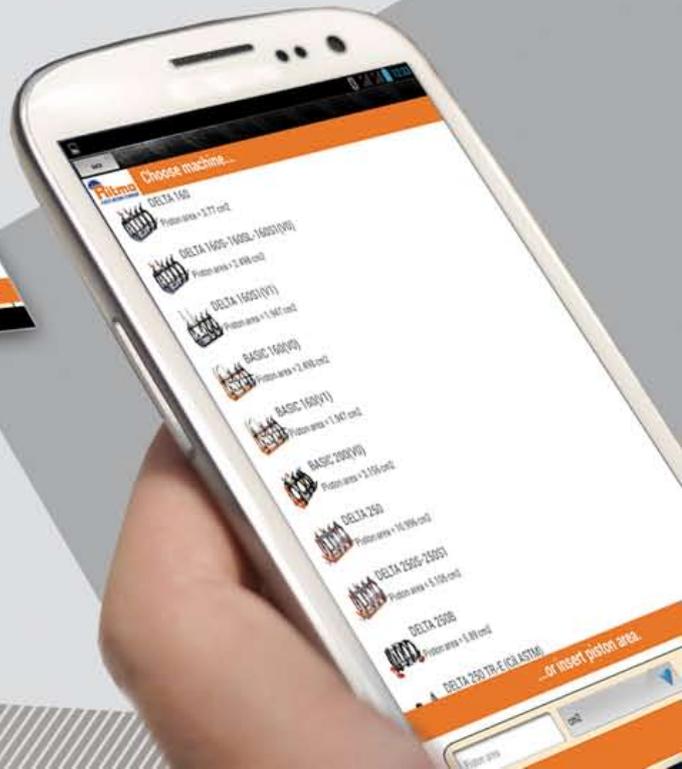
APP developed by RITMO for its butt fusion machines.

“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!





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