



# Ritmo

PLASTIC WELDING TECHNOLOGY





RITMO S.P.A. is a 30 year experienced company and leader in 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.



**ISO 9001  
Quality System**

...the result of  
our joint  
efforts



# DELTA 355 ALL TERRAIN



**DELTA 355 ALL TERRAIN** is the butt fusion machine that will change your concept of working in job site.

**ALL TERRAIN** is a patented system studied to simplify the movements of the machine in all-terrain conditions, including the loading/unloading of the machine itself from the transportation van/truck.

**DELTA 355 ALL TERRAIN** is powered by a low-vibration gasolina or diesel engine, is equipped with front steering wheels and rear traction. The machine body follows the concepts of the new DELTA line like: the new fast-locking-adapters system **SMARTLock**, thanks to which is possible to change adapters in few seconds without using any additional tools. The milling cutter and the **EASY LIFE** control panel are mounted on-board. The **EASY LIFE** system allows the operator to program and control, in a very easy way, all the welding cycle and it also incorporates a Data-logging to record all the working process. It also features a **GPS system** that allows the localization of the working place, and the possibility to connect a portable serial printer.

The **heating element** can be docked in a comfortable on-board support. The machine body, with the four clamps, can be easily removed from the trolley in order to work in ditches. Also the control panel can be removed to allow the operator to control the welding process out from the ditch.

The machine is supplied with two rollers that allow the fast shift of the pipes; the one on the rear of the machine is hydraulic-controlled while the other, in front, is manual.

**DELTA 355 ALL TERRAIN** is suitable for welding under-pressure pipes (HDPE, PP, PVDF, PB) for the transportation of water, gas and other fluids. It can weld pipes and fittings of diameters between 125 mm and 355 mm.

## STANDARD COMPOSITION

Machine body group, complete with:

- Trolley with hydraulic gearcase;
- Generator (gasolina or diesel);
- EASY LIFE control panel;
- Milling cutter;
- Heating plate;
- Heating plate support.

**ASK FOR A QUOTATION**



## TECHNICAL FEATURES

Working range	125 ÷ 355 mm
Power supply	Self contained/independent gasolina engine 9,5 kW diesel engine 8,6 kW
Working temperature	180 ÷ 280°C
Outside temperature range	-5 ÷ +40°C
Materials	HDPE, PP, PB, PVDF For other materials contact RITMO spa
<b>DIMENSIONS (W x D x H)</b>	
Machine body	2112 x 1180 x 1317 mm
<b>WEIGHT</b>	
Machine body with milling cutter (witout trolley and gearcase)	195,00 Kg
<b>Standard composition</b>	<b>580,00 Kg</b>



Easy life control panel

## ON REQUEST (ACCESSORIES)

- Clamps' inserts from Ø 125 to 315 mm (8 pcs/Ø);
- Tool for flange necks/stub-end holder;
- Inserts' transportation box;
- Data-logging software and cable.





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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

# **BASIC LINE**

## **BUTT FUSION MACHINES**



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