

# 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

# RITMO

AMERICA

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Rossella Contiero - Managing Director



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[www.youtube.com/user/RitmoPlasticWelding](http://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.*

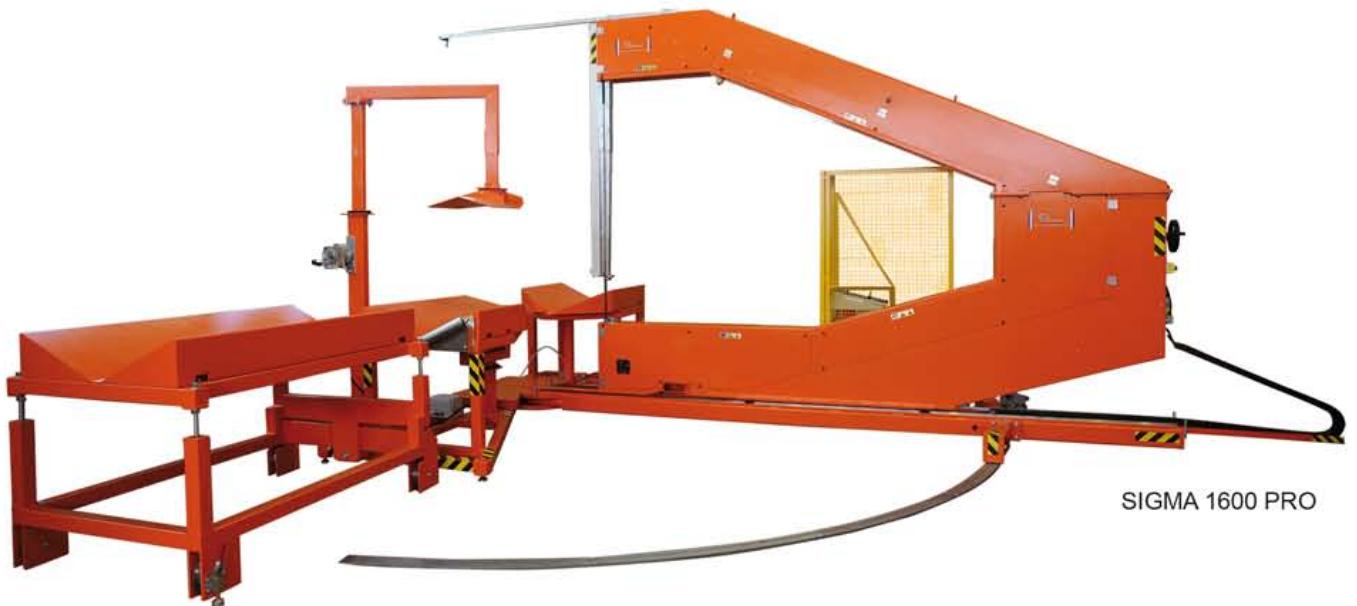
### **STARTING AND TESTING**

*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.*



# SIGMA 1200 PRO

# SIGMA 1600 PRO



**SIGMA 1200 PRO** and **SIGMA 1600 PRO** are electric workshop band saw machines, for plastic pipes up to Ø 48" DIPS (1200 mm) and Ø 64" DIPS (1600 mm). They're the ideal equipment to match Alfa fittings fabrication machines. Both the preparation and cutting phases are extremely simple and safe to perform.

**SIGMA 1200** and **1600** were specially designed to perform easy cuts with a wide range of angles (from - 45° to 67,5°). Thanks to a PLC system, the operator can input the exact cutting angles with the highest precision. Composed of:

- **Pipe housing bench**, a blade-housing arm (belt type), moving on a spherical bearings guide, performing settable advancing speed. It can rotate on an arc system, and perform a wide range of share angles.
- A continuous **control blade guide telescopic system**, to reduce to the minimum the blade vibration, regardless of the diameter and/or thickness of the pipe being cut. Provided with a laser-beam pointing system to localize the cutting area.
- A **safety pilot cabin**, where the control panel is located. It is protected by guards for greater operator's safety.
- An **easy-to-use control panel**, featuring a simplified graphics display, where the inclination degree of the cutting arc is displayed.

#### STANDARD COMPOSITION

- Band saw machine complete of an auxiliary bench to cut welded pipe sector (for Tees), and support kit for the pipe sectors (to prevent them from being damaged)

#### ON REQUEST (ACCESSORIES)

- Scraps suction device (SIGMA 1200 PRO)



## TECHNICAL FEATURES

### SIGMA 1200 PRO

Working range for pipes	10" IPS + 48" DIPS (280 ÷ 1200 mm)
Angle precision degree	± 0,1°
Materials	HDPE, PP, PVDF, PVC For other materials contact RITMO S.p.A.
Dimensions when working	279,5" x 362" x 177"
Machine weight	9650 lb
Power supply	400 V - Three phase + N + PE 50/60 Hz
Max. absorbed power	3600 W

### SIGMA 1600 PRO

Working range for pipes	10" DIPS + 64" DIPS (280 ÷ 1600 mm)
Angle precision degree	± 0,1°
Materials	HDPE, PP, PVDF, PVC For other materials contact RITMO S.p.A.
Dimensions when working	338,5" x 464,5" x 216,5"
Machine weight	10340 lb
Power supply	400 V - Three phase + N + PE 50/60 Hz
Max. absorbed power	4600 W



watch the video



Operator control cabin







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