

# PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

[www.ritmo.it](http://www.ritmo.it)





# 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.

# A 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.

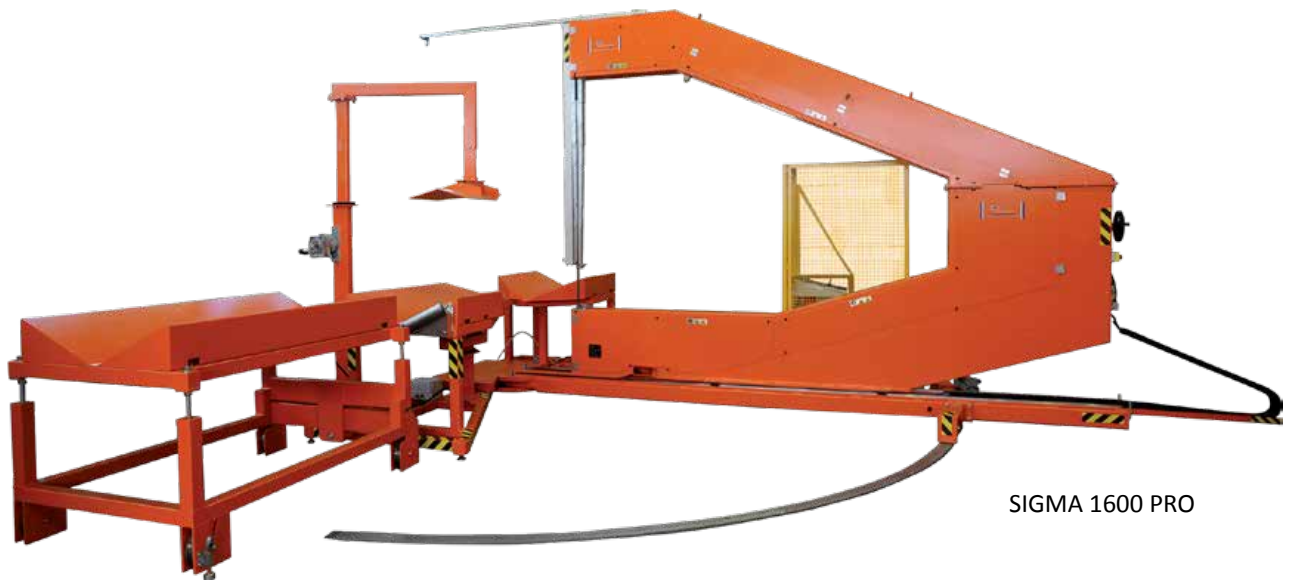
### **STARTING AND TESTING**

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.

# ***BAND SAW***

**FAST AND  
EXACT CUTTING**





SIGMA 1600 PRO

## SIGMA 1200 PRO - SIGMA 1600 PRO

SIGMA 1200 PRO and SIGMA 1600 PRO are electric workshop band saw machines, for plastic pipes up to OD 1290 mm (48 " DIPS) and OD 1702 mm (67"). 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

- Scraps suction device



## TECHNICAL FEATURES



watch the video

	<b>SIGMA 1200 PRO</b>	<b>SIGMA 1600 PRO</b>
Working range OD	200 ÷ 1290 mm; 8" IPS ÷ 48" DIPS OD contact RITMO S.P.A.	200 ÷ 1702 mm; 8" IPS ÷ 67" OD contact RITMO S.P.A.
Working range angles	from -45° to 67,5°	from -45° to 67,5°
Materials	HDPE, PP, PVDF, PVC For other materials contact RITMO S.P.A.	HDPE, PP, PVDF, PVC For other materials contact RITMO S.P.A.
Power supply	400 V 3F+N+PE 50/60 HZ	400 V 3F+N+PE 50/60 HZ
Total absorbed power	4600 W	4600 W
Weight	4380 Kg (9656 lb)	4690 Kg (10340 lb)
Dimensions	7100 x 9200 x 4500 mm 279,5" x 362" x 177.2"	8600 x 11800 x 5500 mm 338,5" x 464,6" x 216.5"

SIGMA 1200 PRO



**RITMO S.p.A.**  
Via A. Volta, 35/37 - 35037  
Bresseo di Teolo (PADOVA) ITALY

Ph. +39 049 9901888  
Fax +39 049 9901993

[info@ritmo.it](mailto:info@ritmo.it)  
[www.ritmo.it](http://www.ritmo.it)

