



# 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





## ALFA 1200







**ASK FOR A QUOTATION**



Workshop welding machine designed to fabricate fittings like elbows, wyes, tees and crosses up to Ø 1200 mm. The **ALFA 1200** welding plastic materials such as: HDPE, PP.\*

### STANDARD COMPOSITION:

- **A machine body** with two hydraulically controlled carriages.
- **A control panel** that features the **Easy Life system**, thanks to which it is possible to carry out a whole welding cycle in a simple, intuitive and repeatable way, so that the operator's interference would be reduced to the minimum. It is possible to transfer the welding data to a PC.
- **A milling cutter** with hydraulic movement (in/out).
- **A Teflon-coated heating plate** with hydraulic movement (in/out).

ELBOWS		630 ÷ 1200 mm 0 ÷ 60°
WYES (Y)		630 ÷ 1000 mm 45° ÷ 60°
TEES		630 ÷ 1000 mm
CROSSES		630 ÷ 1000 mm
Materials	HDPE, PP <small>*for other plastic materials contact RITMO spa</small>	

WORKING RANGE: Ø 800 - 1600 mm

## ALFA 1600







**ASK FOR A QUOTATION**



Workshop welding machine designed to fabricate fittings like elbows, wyes, tees and crosses up to Ø 1600 mm. The **ALFA 1600** welding plastic materials such as: HDPE, PP.\*

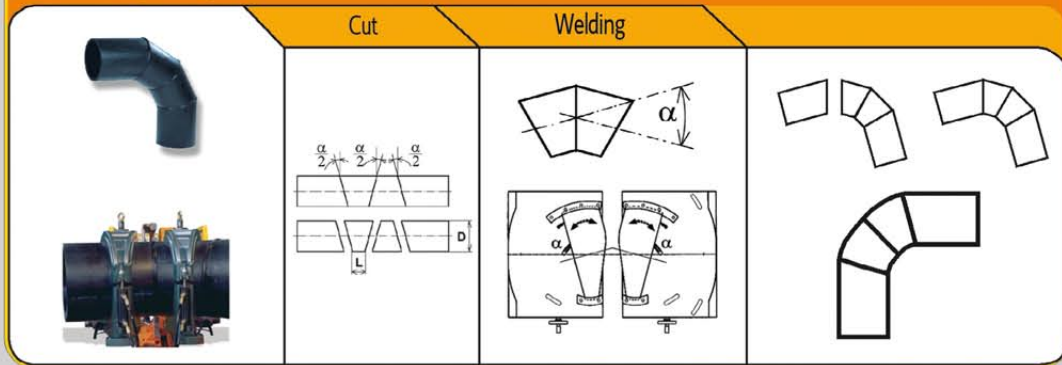
### STANDARD COMPOSITION:

- **A machine body** with two hydraulically controlled carriages.
- **A control panel** that features the **Easy Life system**, thanks to which it is possible to carry out a whole welding cycle in a simple, intuitive and repeatable way, so that the operator's interference would be reduced to the minimum. It is possible to transfer the welding data to a PC.
- **A milling cutter** with hydraulic movement (in/out).
- **A Teflon-coated heating plate** with hydraulic movement (in/out).

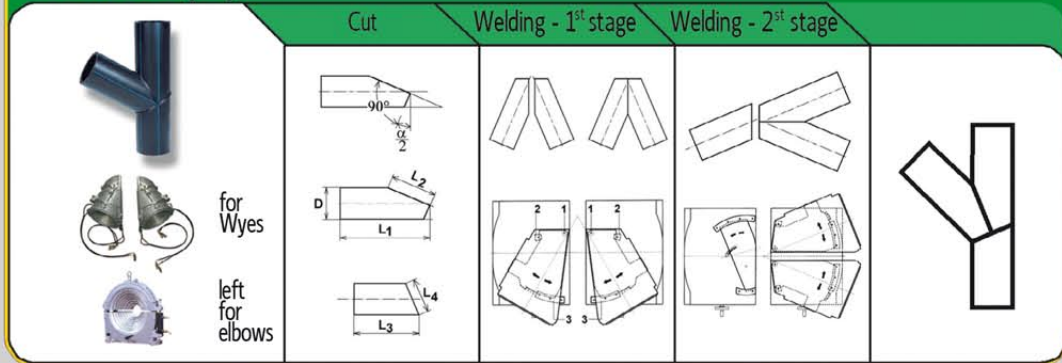
ELBOWS		800 ÷ 1600 mm 0 ÷ 60°
WYES (Y)		800 ÷ 1200 mm 45° ÷ 60°
TEES		800 ÷ 1200 mm
CROSSES		800 ÷ 1200 mm
Materials	HDPE, PP <small>*for other plastic materials contact RITMO spa</small>	

# HOW TO FABRICATE A SPECIAL FITTING

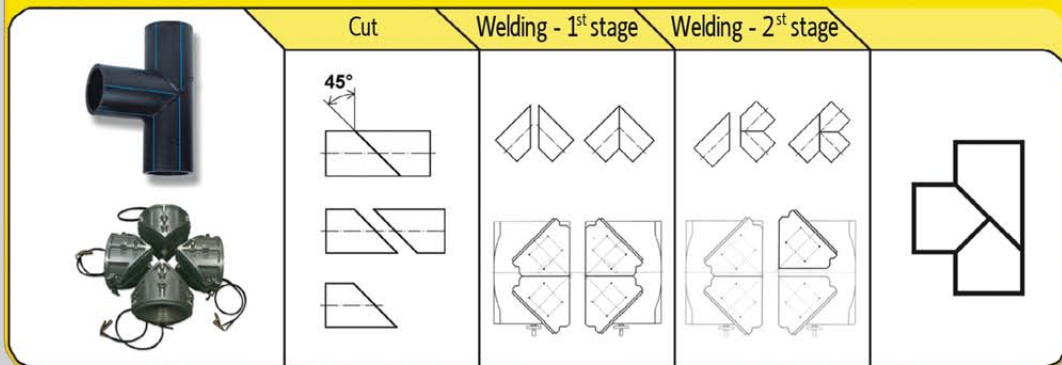
## ELBOWS



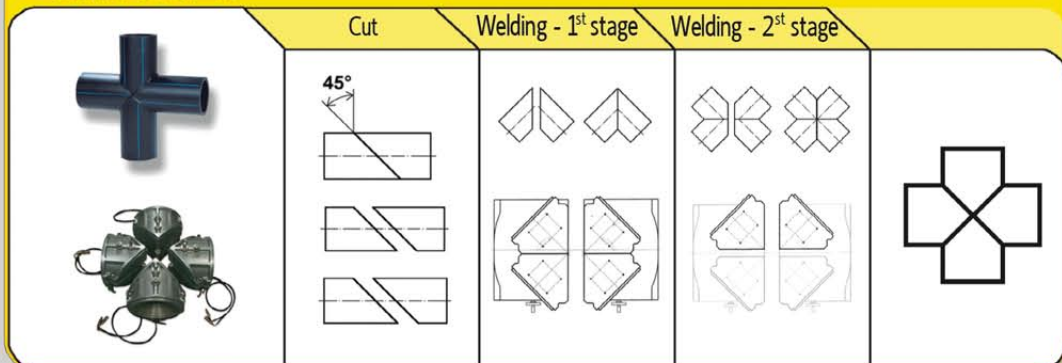
## WYES (Y)



## TEES



## CROSSES





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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

# **BASIC LINE**

## **BUTT FUSION MACHINES**



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