



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 200 CTB



This is a workshop welding machine designed to fabricate fittings like elbows (up to Ø 200 mm), **tees**, **crosses** and **wyes** (Y) (up to Ø 160 mm) by joining pipe segments, with the help of special jaws.

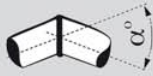


The **ALFA 200 CTB** can also weld special and moulded fittings such as elbows, tees and flange necks, thanks to a different type of special jaws. Composed of:

- **A machine body** with two carriages, one of which driven by a hydraulic system, and two lateral supports with inserts.
- **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.
- **A heating plate** with lifting sliding arm.
- **An electrically controlled milling cutter** for levelling the ends of the pipes and/or fittings with built-in overload cutout and safety microswitch.
- **An upper cylinder**, to be positioned on the jaws, for welding extra thick pipes and/or whenever it's necessary to use high pressures.

STANDARD COMPOSITION

- Welding machine complete with control panel, lateral supports Ø 200 mm with inserts from Ø 40 to Ø 180 mm, heating plate, milling cutter, upper cylinder, and tool kit.

TECHNICAL FEATURES


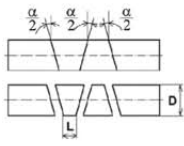
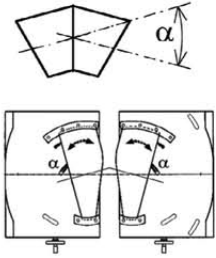
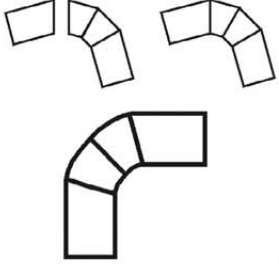
Working range:		
ELBOWS		40 ÷ 200 mm 0° ÷ 45°
WYES (Y)		63 ÷ 160 mm 45° ÷ 60°
TEES-CROSSES		63 ÷ 160 mm
Power supply	230 V-Single phase-50/60 Hz	
Total absorbed power	3150 W	
Working temperature	0 ÷ 300°C	
Room temperature range	-5 ÷ +40°C	
Materials	HDPE, PP for other plastic materials contact RITMOspa	
DIMENSIONS (W x D x H)		
Machine body	1060 x 1210 x 1580 mm	
WEIGHT		
Machine body	248 Kg	

ON REQUEST (ACCESSORIES)


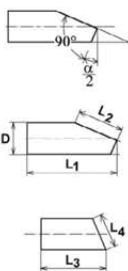
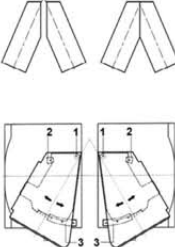
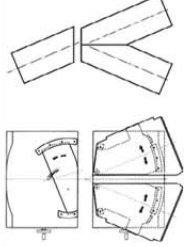

- Elbows jaws complete with inserts from Ø 40 to Ø180 mm;
- Tees/crosses jaws complete with inserts from Ø 63 to Ø140 mm;
- Wyes jaws complete with inserts from Ø 63 to Ø140 mm;
- Right or left special jaws complete with inserts from Ø 40 to Ø 180 mm;
- Tool for flange necks.

HOW TO FABRICATE A SPECIAL FITTING


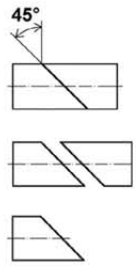
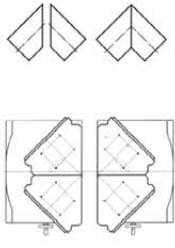
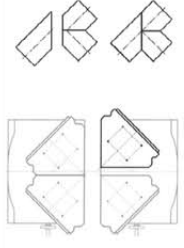

ELBOWS

	Cut	Welding	
			


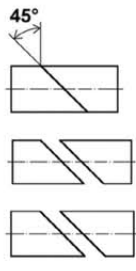
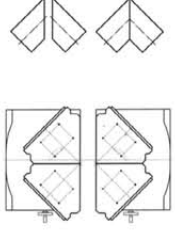
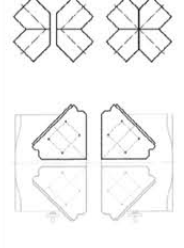
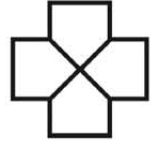
WYES (Y)

	Cut	Welding - 1 st stage	Welding - 2 st stage	
 <p>for Wyes left for elbows</p>				

TEES

	Cut	Welding - 1 st stage	Welding - 2 st stage	
				

CROSSES

	Cut	Welding - 1 st stage	Welding - 2 st stage	
				



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WHERE THERE'S PLASTIC TO WELD



CONTACT RITMO!

BASIC LINE

BUTT FUSION MACHINES



RITMO S.p.A.
Via A. Volta, 7 35037
Bressano di Teolo (PADOVA) ITALY

Ph. +39 049 9901888
Fax +39 049 9901993

info@ritmo.it
www.ritmo.it