



Ritmo

PLASTIC WELDING TECHNOLOGY



BUTT FUSION MACHINES

FITTINGS FABRICATION MACHINES

The **ALFA** are workshop welding machines designed to make special fittings like bends, wyes (Y), tees and crosses by means of clamps that lock the segments of pipes previously cut to size. They are controlled by a hydraulic system that, besides moving the clamp trolley, in certain cases opens/closes and locks the clamps themselves, also. The ALFA welding machines can be used for plastic materials such as Polyethylene (PE), Polypropylene (PP), Polyvinylidene fluoride (PVDF), among others

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BAND SAWS

Workshop band saws for cutting plastic pipes, specially designed to work together with the ALFA fittings machines (construction of special fittings by joining pipe segments)

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ALFA 200 CTB



Lateral supports



Heating plate



Milling cutter

ALFA 200 CTB

This is a workshop welding machine designed to fabricate fittings like **elbows** (up to \varnothing 200 mm), **tees, crosses and wyes** (Y) (up to \varnothing 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. An in-built memory allows the machine to store the data of the welding cycles (including the set diameters and SDR);
- 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.

SUPPLIED WITH

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

ON REQUEST (ACCESSORIES)

- **Elbows jaws \varnothing 200 mm** (1 right -1 left) (A), **complete with inserts from \varnothing 40 to \varnothing 180 mm** [jaws supplied singly];
- **Tees/crosses jaws \varnothing 160 mm** (4 interchangeable pieces), complete with inserts from \varnothing 63 to \varnothing 140 mm;
- **Wyes (Y) jaws \varnothing 160 mm** (1 right -1 left) (B), complete with inserts from \varnothing 63 to \varnothing 140 mm;
- **Right or left special jaws \varnothing 200 mm** for welding special and moulded fittings, complete with inserts from \varnothing 40 to \varnothing 180 mm (C);
- **Tool for flange necks**;

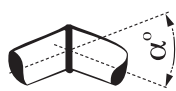


(A): Straight welding is also possible using the elbows jaws.

(B): Elbows left jaw is required to fabricate wyes (Y)

(C): Left and right special jaws can be used simultaneously when two fittings have to be welded together.



TECHNICAL FEATURES

Working range:	
ELBOWS	 40 ÷ 200 mm 0° ÷ 45°
WYES (Y)	 63 ÷ 160 mm 45° ÷ 60°
TEES-CROSSES	 63 ÷ 160 mm
Angle reading sensitivity	± 1 °
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
Overall cylinder section	2,898 cm ² with upper cylinder 5,796 cm ²
Pressure working range	0 ÷ 150 bar
Materials	PE, PP * for other plastic materials contact RITMOspa



Elbows jaws



Wyes jaws



Tees/Crosses jaws

DIMENSIONS (W x D x H)	
Machine body	1060 x 1210 x 1580 mm
ELBOWS jaws	280 x 110 x 290 mm
WYES (Y) jaws	330 x 220 x 260 mm
TEES/CROSSES jaws	220 x 180 x 260 mm
Special jaws	305 x 75 x 335 mm
Tool for flange necks	300 x 190 x 490 mm

WEIGHT	
Machine body	248,00 Kg
ELBOWS jaws (2 pcs.) with inserts	29,00 Kg
WYES (Y) jaws (2 pcs.) with inserts	42,00 Kg
TEES/CROSSES jaws (4 pcs.) with inserts	48,00 Kg
Special jaws	10,00 Kg
Tool for flange necks	7,00 Kg

Weight (Kg) - special jaws inserts (2 pcs. / Ø)									
Ø 40	Ø 50	Ø 63	Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	Ø 160	Ø 180
3,88	3,75	3,63	3,50	3,33	3,13	2,88	2,63	2,25	2,00
Total weight: 32,78 Kg									

Weight (Kg) - lateral supports inserts (1 pc. / Ø)					
Ø 110	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200
0,51	0,49	0,46	0,43	0,40	0,39
Total weight: 3,56 Kg					



Tool for flange neck



Special jaws



ALFA 400 M



Control panel



Heating plate



Milling cutter



Upper cylinder

ALFA 400 M

This is a workshop welding machine designed to fabricate fittings like **elbows** (up to \varnothing 400 mm), **wyes (Y)**, **tees and crosses** (up to \varnothing 315 mm) by joining pipe segments, with the help of special jaws.

The ALFA 400 M can also weld special and moulded fittings such as elbows, tees and flange necks, thanks to a different type of special jaws (controlled hydraulically).

Composed of:

- 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. An in-built memory allows the machine to store the data of the welding cycles (including the set diameters and SDR). It is possible to transfer the welding data to a PC through a serial port (USB adaptor connector available) and data-management software. A printer can be connected to the serial port, to get a welding report at the end of each welding cycle;
- a **heating plate** featuring a new horizontal sliding system, automatically operated, which enables a fast side-sliding of the plate during the exchange period. The whole process is carried out with no need of disconnecting the upper cylinder, whenever it is in use;
- a **milling cutter** for levelling the ends of pipes and/or fittings that slides on recirculating ball slideways, with an electronic device for a soft start;
- an **upper cylinder**, to be positioned on the jaws, for welding extra thick pipes and/or whenever it's necessary to use high pressures

Available in 230 V and 400 V

SUPPLIED WITH

- Welding machine complete with **control panel, heating plate, milling cutter, upper cylinder and tool kit.**

ON REQUEST (ACCESSORIES)


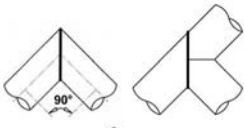
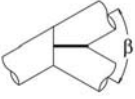
- **Elbows jaws \varnothing 400 mm** (1 right - 1 left) (A) complete with inserts from \varnothing 110 to \varnothing 355 mm [clamps supplied singly];
- **Wyes (Y) jaws \varnothing 315 mm** (1 right - 1 left) (B) complete with inserts from \varnothing 110 to \varnothing 280 mm;
- **Tees/crosses jaws \varnothing 315 mm** (4 interchangeable pieces) complete with inserts from \varnothing 110 to 280 mm;
- **Right or left special jaw \varnothing 400 mm** for welding special and moulded fittings complete with \varnothing 315 mm inserts (C) and fittings support kit;
- **Right or left special jaw inserts from \varnothing 110 to \varnothing 355 mm** (2 pcs./ \varnothing) [\varnothing supplied singly];
- **Tool for flange necks;**

(A): Straight welding is also possible using the elbows jaws

(B): Elbows left jaw is required to fabricate wyes (Y).

(C): Left and right special jaws can be used simultaneously when two fittings have to be welded together.

TECHNICAL FEATURES

Working range:		
ELBOWS 	110 ÷ 400 mm	0 ÷ 60°
WYES (Y) 	110 ÷ 315 mm	
TEES –CROSSES 	110 ÷ 315	45° ÷ 60°
Power supply	230 W Single phase	400W 3F + N +PE
Total absorbed power	7360 W	7360 W
Working temperature	180 ÷ 280°C	
Room temperature range	-5 ÷ +40°C	
Overall cylinder section	12,566 cm ² with upper cylinder 25,132 cm ²	
Pressure working range	0 ÷ 150 bar	
Materials	PE, PP * for other materiales contact RITMO spa	

DIMENSIONS (W x D x H)	
Machine body	1490 x 2020 x 1700 mm
ELBOWS jaws	550 x 200 x 570 mm
WYES (Y) jaws	580 x 430 x 540 mm
TEES/CROSSES jaws	340 x 410 x 540 mm
Special jaw	510 x 534 x 579 mm
Tool for flange necks	535 x 400 x 190 mm

WEIGHT	
Machine body	647,00 Kg
ELBOWS jaws (2 pcs.)	150,00 Kg
WYES (Y) jaws (2 pcs.)	268,00 Kg
TEES/CROSSES jaws (4 pcs.)	292,00 Kg
Special jaw with lateral support	92,00 Kg
Tool for flange necks	12,00 Kg

Weight (Kg) special jaw inserts (2 pcs / Ø)										
Ø 110	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200	Ø 225	Ø 250	Ø 280	Ø 315	Ø 355
3,88	3,75	3,63	3,50	3,33	3,13	2,88	2,63	2,25	2,00	1,80
Total weight: 32,78 Kg										

Weight (Kg) special jaw inserts (2 pcs / Ø)										
Ø 110	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200	Ø 225	Ø 250	Ø 280	Ø 315	Ø 355
0,51	0,49	0,46	0,43	0,40	0,39	0,31	0,25	0,17	0,10	0,05
Total weight: 3,56 Kg										



Elbows jaws



Wyes (Y) jaws



Tees/Crosses jaws



Tool for flange necks



ALFA 400 CTB



Machine body



Control panel



Heating plate



Milling cutter



Lateral support

ALFA 400 CTB

This is a workshop welding machine designed to fabricate fittings like **elbows** (up to Ø 400 mm), **wyes (Y)**, **tees and crosses** (up to Ø 355 mm) by joining pipe segments, with the help of special jaws. Elbows and wyes (Y) jaws opening/closing and locking movements are controlled hydraulically, while tees/crosses jaws opening/closing movements are manual.

The ALFA 400 M can also **weld special** and moulded fittings such as **elbows, tees and flange necks**, thanks to a different type of special jaws (controlled hydraulically).

Composed of:

- 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. An in-built memory allows the machine to store the data of the welding cycles (including the set diameters and SDR). It is possible to transfer the welding data to a PC through a serial port (USB adaptor connector available) and data-management software. A printer can be connected to the serial port, to get a welding report at the end of each welding cycle;
- a Teflon-coated **heating plate** with hydraulic movement (in / out) on spherical bearings guides;
- A **milling cutter** with hydraulic movement (in/out) on spherical bearings guides, operated by an electrical engine, provided with eight steel blades;
- an **upper cylinder**, to be positioned on the jaws, for welding extra thick pipes and/or whenever it's necessary to use high pressures.

SUPPLIED WITH

- Welding machine complete with **control panel, heating plate, milling cutter, lateral supports Ø 400 mm (2 pcs.) with inserts from Ø 110 to Ø 355 mm, upper cylinder and tool kit.**

ON REQUEST (ACCESSORIES)

- **Elbows jaws Ø 400 mm** (1 right - 1 left) (A) complete with **inserts from Ø 110 to Ø 355 mm** [jaws supplied singly];
- **Wyes (Y) jaws Ø 355 mm** (1 right - 1 left) (B) **complete with inserts from Ø 110 to Ø 315 mm;**
- **Tees/crosses jaws Ø 355 mm** (4 interchangeable pieces) complete with **insers from Ø 110 to 315 mm;**
- **Right or left special jaw Ø 400 mm** (C) for welding special and moulded fittings.
- **Right or left special jaw inserts** from Ø 110 to Ø 355 mm;
- **Tool for flange necks;**
- **Special milling cutter plates and blades for PVC**

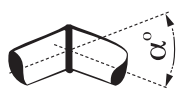


(A): Straight welding is also possible using the elbows jaws

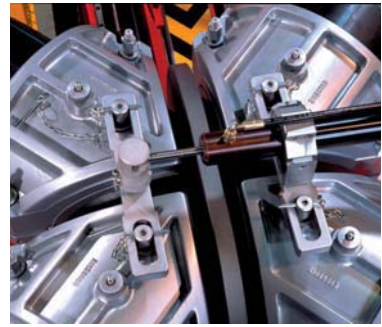
(B): Elbows left jaw is required to fabricate wyes (Y)

(C): Left and right special jaws can be used simultaneously when two fittings have to be welded together.



TECHNICAL FEATURES

Working range:	
ELBOWS	 $110 \div 400 \text{ mm} \quad 0 \div 60^\circ$
WYES (Y)	 $110 \div 355 \text{ mm} \quad 45^\circ \div 60^\circ$
TEES – CROSSES	 $110 \div 355 \text{ mm}$
Power supply	400 V-Three-phase+N-50/60 Hz
Total absorbed power	16000 W
Working temperature	180 ÷ 280°C
Room temperature range	-5 ÷ +40°C
Overall cylinder section	8,042 cm ² with upper cylinder 16,084 cm ²
Pressure working range	0 ÷ 230 bar
Materials	PE, PP * For other materials contact RITMO spa



Upper cylinder



Elbows jaws

DIMENSIONS (W x D x H)	
Machine body	2560 x 1725 x 1450 mm
Control panel	650 x 520 x 1080 mm
ELBOWS jaws	650 x 230 x 600 mm
WYES (Y) jaws	625 x 510 x 570 mm
TEES/CROSSES jaws	380 x 460 x 570 mm
Special jaw	581 x 650 x 602 mm
Tool for flange necks	535 x 400 x 190 mm
Upper cylinder	116 x 130 x 650 mm

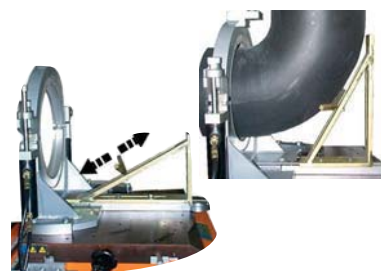


Wyes (Y) jaws

WEIGHT	
Machine body	1203,00 Kg
Control panel	37,00 Kg
ELBOWS jaws (2 pcs.)	86,00 Kg
WYES (Y) jaws (2 pcs.)	132,00 Kg
TEES/CROSSES jaws (4 pcs.)	168,00 Kg
Special jaw (2 Pz.)	120,00 Kg
Tool for flange necks	12,00 Kg
Upper cylinder	12,00 Kg



Tees/Crosses jaws



Special jaws with fittings support kit



ALFA 630 T



Machine body



Control panel



Heating plate



Milling cutter

ALFA 630 T

Workshop welding machine designed to fabricate fittings like **elbows, wyes, tees and crosses** (up to \varnothing 630 mm). All jaws movements are electro-hydraulically operated, both the open/close movement and the blocking mechanism.

Composed of:

- A **machine body** with two hydraulically controlled carriages;
- A **control panel** featuring 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. An in-built memory allows the machine to store the data of the welding cycles (including the set diameters and SDR). It is possible to transfer the welding data to a PC through a serial port (USB adaptor connector available) and data-management software. A printer can be connected to the serial port, to obtain a welding report at the end of each welding cycle;
- a Teflon-coated **heating plate** with hydraulic movement (in/out) on spherical bearings guides;
- a **milling cutter** with hydraulic movement (in/out) on spherical bearings guides, operated by an electrical engine;
- an **upper cylinder**, to be positioned on the jaws, for welding extra thick pipes and/or whenever it is necessary to apply high pressures.

SUPPLIED WITH

- Welding machine complete with **control panel, heating plate, milling cutter, upper cylinder and tool kit.**

ON REQUEST (ACCESSORIES)

- **Elbows jaws** (1 right - 1 left) (A) complete with **lateral supports**;
- Elbows jaw (right or left) and lateral support (right or left) **inserts from \varnothing 225 to \varnothing 630 mm**;
- **Wyes (B); jaws** (1 right -1 left);
- **Wyes (Y) jaws inserts from \varnothing 225 to 630 mm**;
- **Tees/crosses jaws** (4 interchangeable pieces);
- Tees/crosses jaws inserts (C) from \varnothing 225 to \varnothing 630 mm;
- **Special milling cutter plates and blades for PVC.**

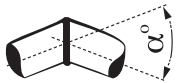


(A): Straight welding is also possible using the elbows jaws

(B): Elbows left jaw is required to fabricate wye (Y).

(C): Left and right special jaws can be used together at the same time whenever it is necessary to weld two fittings together.

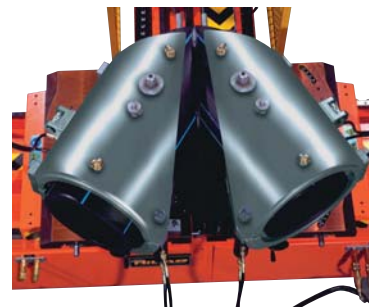


TECHNICAL FEATURES

Working range:		
ELBOWS		225 ÷ 630 mm 0° ÷ 60°
WYES (Y)		225 ÷ 630 mm 45° ÷ 60°
TEES – CROSSES		225 ÷ 630 mm
Angle reading sensitivity		± 1 °
Power supply		400 V-Three-phase-50/60 Hz
Total absorbed power		30000 W
Working temperature		180 ÷ 280°C
Room temperature range		-5 ÷ +40°C
Overall cylinder section		19,635 cm ² with upper cylinder 39,270 cm ²
Pressure working range		0 ÷ 230 bar
Materials		PE, PP * For other materials contact RITMO spa



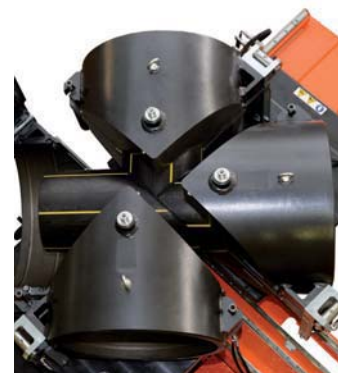
Elbows jaws



Wyes (Y) jaws



Tees/Crosses jaws

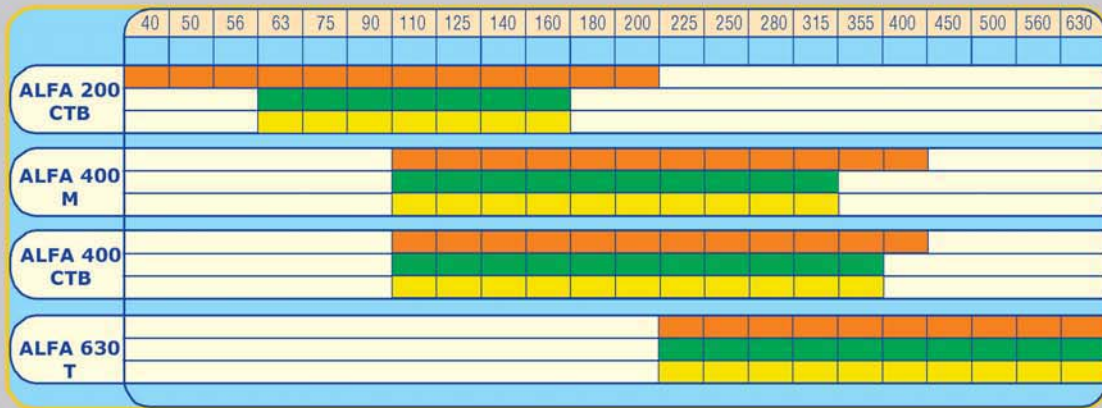


Tees/Crosses jaws

DIMENSIONS (W x D x H)	
Machine body	2940 x 4000 x 2000 mm
Control panel (without printer support)	650 x 520 x 1080 mm
Control panel (with printer support)	650 x 650 x 1080 mm
ELBOWS jaws	950 x 300 x 910 mm
WYES (Y) jaws	880 x 1080 x 890 mm
TEES/CROSSES jaws	930 x 140 x 190 mm

















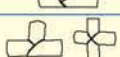








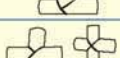








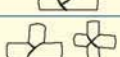






WEIGHT	
Machine body	3224,00 Kg
Control panel	37,00 Kg
ELBOWS jaws (2 pcs.)	436,00 Kg
WYES (Y) jaws (2 pcs.)	818,00 Kg
TEES/CROSSES jaws (4 pcs.)	1156,00 Kg
Upper cylinder	55,00 Kg

WORKING RANGES



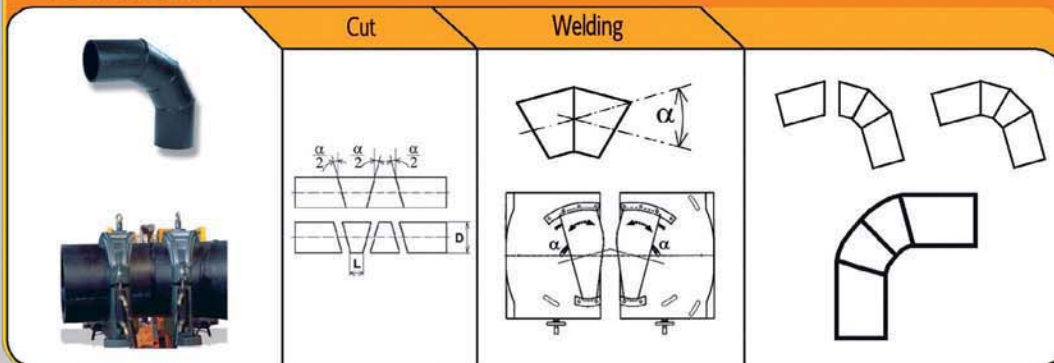
■ Elbows
 ■ Wyes (Y)
 ■ Tees/Crosses

ALFA WELDING MACHINE JAWES MOVING SYSTEM

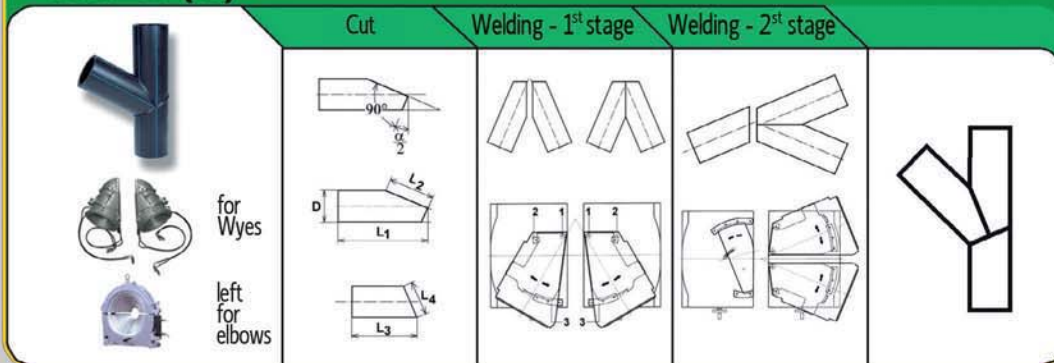
	Jawes type	Opening/Closing	Locking
 Manual  Hydraulic			
ALFA 200 CTB	  	  	  
ALFA 400 M	  	  	  
ALFA 400 CTB	  	  	  
ALFA 630 T	  	  	  

HOW TO FABRICATE A SPECIAL FITTING

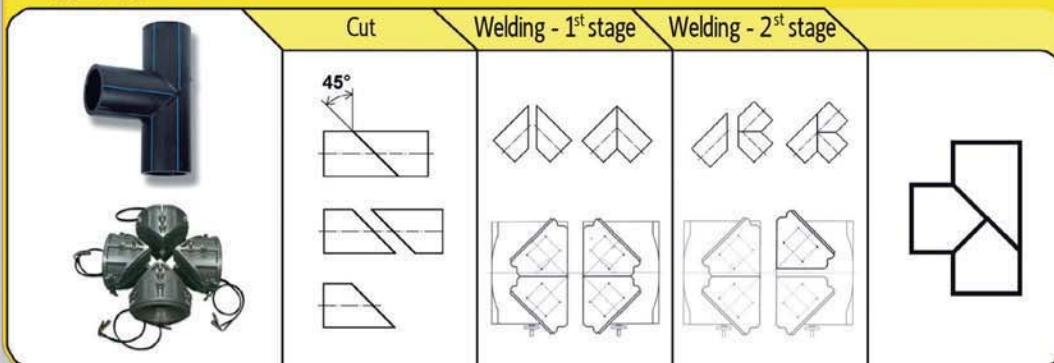
ELBOWS



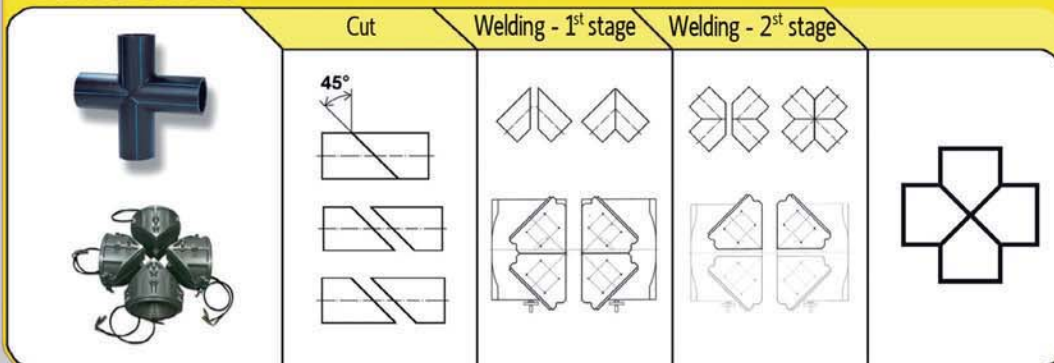
WYES (Y)

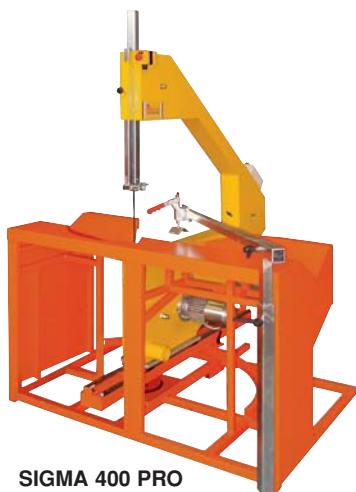


TEES



CROSSES





SIGMA 400 PRO



auxiliary bench for cutting tees



Control panel



Auxiliary bench for cutting sheets

SIGMA 400 PRO

Sigma 400 PRO is an electric workshop band saw machine, for plastic pipes (PE, PP, PPR, PVC) and plastic sheets.

Sigma 400 PRO is designed to make angular cut, featuring a wide range of angles (from - 30° to + 67,5°). It is the ideal equipment to match Alfa fittings fabrication machines. Both the preparation and cutting phases are extremely simple and safe to perform. The machine is provided with special spherical bearings guides where the machine body can easily move sideward. The equipment includes a control panel, located at a safety distance from the cutting area, where the operator can control the automatic movement of the arch saw (IN/OUT) and also adjust and regulate the cutting speed.

Sigma 400 PRO can as well cut plastic sheets, using a suitable kit provided upon request. The kit consists of a plane supporting bench and an adjustable sheet guide square. It is possible to rotate the blade of 90° against the band saw arm and, by doing so, cut the sheet in all its length.

Special auxiliary devices can relieve the stress on the blade and help reducing the ordinary technical maintenance.

SUPPLIED WITH

- Auxiliary bench for cutting tees

ON REQUEST (ACCESSORIES)

- Auxiliary bench for cutting sheets;
- Pipe supporting trolley.

TECHNICAL FEATURES

Working range for pipes	Up to Ø 400 mm
Working range sheets	980 mm (*)
Materials	PE, PP, PVDF, PVC <small>* For other materials contact RITMO spa</small>
Inclination range while cutting	from - 30° to + 67,5°
Machine dimensions	2980 x 2650 x 2980 mm
Blade dimensions	width: 16 mm thickness: 0,5 mm length: 4600 mm
Machine weight	330 Kg
Power supply	400 V – Three phase + N + PE 50/60Hz
Max. absorbed power	860 W

(*) : distance between blade and machine arm. When the blade is rotated 90° against the band saw arm, it is possible to cut the sheet in all its length.

SIGMA 630 PRO

Sigma 630 PRO is an electric workshop band saw machine, for plastic pipes (PE, PP, PPR, PVC) and plastic sheets.

Sigma 630 PRO is designed to make angular cut, featuring a wide range of angles (from -30° to $+67,5^{\circ}$). It is the ideal equipment to match Alfa fittings fabricator machines. Both the preparation and cutting phases are extremely simple and safe to perform. The machine is provided with special spherical bearings guides where the machine body can easily move sideward. The equipment includes a control panel, located at a safety distance from the cutting area, where the operator can control the automatic movement of the arch saw (IN/OUT) and also adjust and regulate the cutting speed.

Sigma 630 PRO can cut plastic sheets as well, using a suitable kit provided upon request. The kit consists of a plane supporting bench and an adjustable sheet guide square. It is also possible to perform a 90° blade rotation against the band saw arm and, by doing so, cut the sheet in all its length.

Special auxiliary devices can relieve the stress on the blade and help reducing the ordinary technical maintenance.

SUPPLIED WITH

- auxiliary bench for cutting tees

ON REQUEST (ACCESSORIES)

- auxiliary bench for cutting sheets
- pipe supporting trolley
- radial cutting kit

TECHNICAL FEATURES

Working range for pipes	Up to \varnothing 655 mm
Working range for sheets	1350 mm (*)
Materials	PE, PP, PVDF, PVC * For other materials contact RITMO spa
Inclination range while cutting	from -30° to $+67,5^{\circ}$
Machine dimensions	4340 x 3460 x 2650 mm
Blade dimensions	width: 25 mm thickness: 0,6 mm length: 6130 mm
Machine weight	925 Kg
Power supply	400 V – three-phase + N + PE 50/60Hz
Max. absorbed power	2200 W

(*) : distance between blade and machine arm. When the blade is rotated 90° against the band saw arm, it is possible to cut the sheet in all its length.



SIGMA 630 PRO



control panel



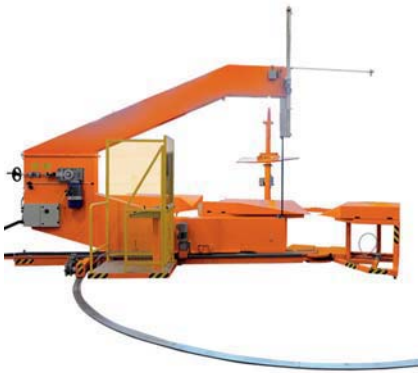
Wyes cut (+ 67.5°)



Pipe lift/roller



Pipe trolley support



SIGMA 1600 PRO

SIGMA 1200 - 1600 PRO

Sigma 1200 PRO and Sigma 1600 PRO are electric workshop band saw machines, for plastic pipes up to 1200 and 1600 mm.

Sigma 1200 and 1600 were specially designed to perform easy cuts with a wide range of angles (from -45° to $+67,5^{\circ}$). They're the ideal equipment to match Alfa fittings fabrication machines.

Thanks to a PLC system, the operator can input the exact cutting angles with the highest precision. These data are displayed during the entire welding process, making it easier for the operator. Certain angles, as for example 45° , are automatically reached, which drastically reduces the setting time. A control device immediately stops the cutting operation, whenever the operator sets in a wrong angle, for which the blade risks to strike against the pipe housing bench.



Control panel

Composed of:

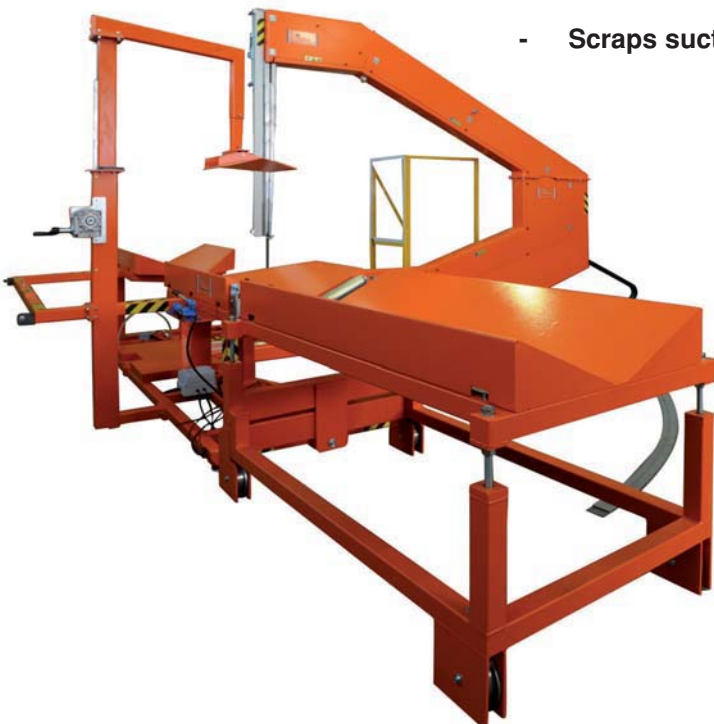
- **pipe housing bench**, a blade-housing arm (belt type), moving on a spherical bearings guide, performing settable advancing speed. It can rotate on an arc system, and perform a wide range of share angles;
- a continuous **control blade guide telescopic system**, to reduce to the minimum the blade 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.

SUPPLIED WITH

- 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.**



TECHNICAL FEATURES SIGMA 1200 PRO

Power supply	400 V – 3F+N - 50/60Hz
Power absorbed	3600 W
Working range	Up to Ø 1200 mm
Maximum cut inclination	from – 45° to + 67,5 °
Angle precision degree	± 0,1 °

DIMENSIONS (W x D x H)	
Maximum overall dimensions	7000 x 8700 x 4500 mm

MACHINE WEIGHT	4380,00 Kg
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TECHNICAL FEATURES SIGMA 1600 PRO

Power supply	400 V – 3F+N - 50/60Hz
Power absorbed	6500 W
Working range	Up to Ø 1600 mm
Maximum cut inclination	from – 45° to + 67,5 °
Angle precision degree	± 0,1 °

DIMENSIONS (W x D x H)	
Maximum overall dimensions	8950 x 7650 x 3580 mm

MACHINE WEIGHT	5300,00 Kg
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Telescopic blade guide



Operator control cabin

