fonmar
VULCANIZING PRESSES

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DELTA AC

PRESS FOR PVC/ PU BELTING



TECHNICAL DATA.

- Manufactured **steel.** The structure has been duly researched to obtain the greatest resistance with the minimum weight.

- **Heating:** by means of a system of rechargeable shielded resistance made by ourselves, you obtain an even temperature distribution of heat; avoiding the collection of heat in the middle and lost of heat at the ends. Temperature range up to 200ºC.

- **The water cooling system** allows a rapid cooling of the belt. The water cooling circuit is made in stainless steel and includes a water pump.

- The pressure is obtained through **one airbag** inside the upper section, enabling an even pressure throughout the join-linking surface up to 3Kg/sq.cm (40 PSI).



DELTA CONTROL BOX

- **The electronic control box** regulates the entire process, going into action, once programmed. New improvement as option: a fully automatic system to purge all the water remaining in the heating plate with air.

- Easily you can set the temperature you want the belt reaches, the vulcanising time and when it had finished, the cooling down will start automatically. When the cooling down finish you will be able to hear a **hoot** that indicates that the whole process has finished. Most of the joins you would be able to make with your PVC/PU presses will be made (including the cooling down) in **less than 15 min.**

- The control box allows a continued following of the process and modification of different parameters such as disconnection temperature for the water pump, voltage in the resistance, heat-up speed… up to a number of 10 possible parameters. Thanks to it's display we can control the temperature elevation, checking the equality between the top and lower rack, which never exceed in 2 ºC. This high technology combines compatibility with easy to use

- Our presses can be made for working with the **required voltage, II or III phases**

- The presses come with a **suitcase**, containing all the electrical connectors and a cooling circuit, and a **water-pump**. For ALFA model up to 800 and all the DELTA model we also include a manual air pump.

- When we speak about vulcanising surface, we mean the optimum join surface but all our presses can vulcanise belts up to **20 mm. wider**

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- The presses come with a resistant **case**, containing:
    1. Electrical connectors
    2. Water cooling circuit connections
    3. Water pump
    4. Air pump (only Delta and small Alfa).





- **Very useful for on site repairs** thanks to **lower section because its thinness** (from 50mm), allowing the service without necessity of taking the belt out.

- Splicing length 60, 100 and 150 mm

Optional: SPECIAL CLAMB BELT



- Base and top material made in stainless steel
- **Holds the belt in place** during splice preparation and vulcanization.
- Silicone Pad on arm grips belt until clamped in place.
- Entire clamp fits securely around lower press frame.
- Aluminium clamping arms lift up or sideways out of the way of separator.

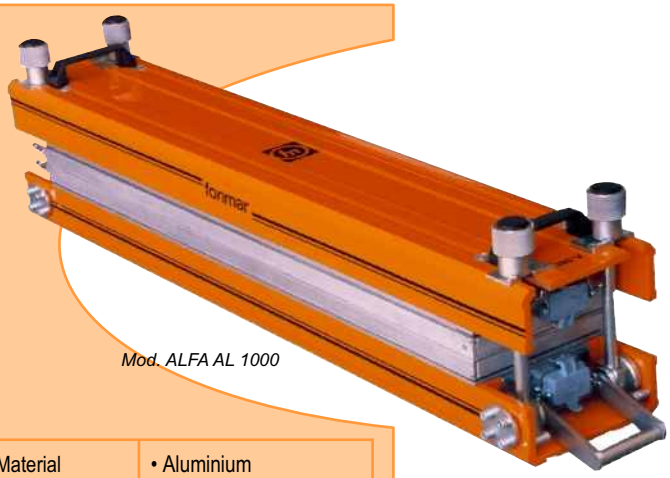
DIMENSIONS & WEIGHT

Model	Heating Plate	Max. Belt width	Weight (KG)			Lower Frame Height	Upper Frame Height
	MM	MM	Upper part	Lower part	Total	MM	MM
DELTA AC 200	360x150	200	11	10	21	50	60
DELTA AC 300	460x150	300	12	11	23	50	60
DELTA AC 400	560x150	400	15	13	28	50	60
DELTA AC 600	760x150	600	19	17	36	50	60
DELTA AC 800	960x150	800	26	24	50	60	60
DELTA AC 1000	1160x150	1000	34	32	66	80	80

Note: All dimensions and specifications are approximate and subject to change without notice.

ALFA AL

Top quality splices on PVC/PU conveyor belts of any kind of width or thickness



Mod. ALFA AL 1000

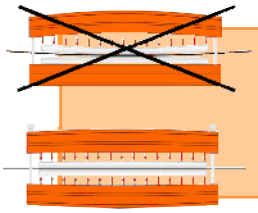
Material	• Aluminium
Control box	• Automatic process • ATRS (Automatic Temperature Regulator System) • Voltmeter • Pressure regulator
Pressure	• Top and bottom airbags • K3: Max. o.p. 3kg/cm^2 (43PSI) • K5: Max. o.p. 5kg/cm^2 (71PSI),only for 200mm
Heating	• Shielded resistences • Max. T. 200ºC (392ºF)
Cooling	• Water / Air
Belt width	• Up to 5800mm (228")
Splice length	• 150mm (6") & 200mm (8")
Platen angle	• 90º
Options:	
1.- Belt clamps tool	
2.- Opening system	
3.- Cooling & blowing kit	
4.- Dual-voltage system	

150mm* (6") and 200mm (8") splice length

Ideal for stepped splices of especial belts



**150mm only for belt widths up to 2200m.*



Top and bottom airbags

Ideal to supply a homogeneous pressure and minimize the tension in the frames

Very fast and automatic process

From 15ºC (59ºF) up to 73ºC (343ºF) in only 13 minutes. (ALFA AL 1200 380V 3ph)





Everything included

Press is delivered with: Control box, water pump, case with electrical and cooling connections

NOTE: measures and dimensions according to ALFA AL 200 K3.

MODEL	MAX. BELT WIDTH		HEATING PLATE		WEIGHT kg / lb			HEIGHT mm / in	
	mm	in	mm	in	TOP	BOTTOM	TOTAL	ELEMENT	TOTAL
ALFA AL 300 x 200	300	11	460 x 200	18 x 8	20 / 43	27 / 58	46 / 101	145 / 5	290 / 11
ALFA AL 600 x 200	600	23	760 x 200	30 x 8	32 / 70	35 / 77	67 / 147	145 / 5	290 / 11
ALFA AL 800 x 200	800	31	960 x 200	37 x 8	35 / 77	38 / 84	73 / 161	145 / 5	290 / 11
ALFA AL 1200 x 200	1200	47	1360 x 200	53 x 8	49 / 108	55 / 121	104 / 229	145 / 5	290 / 11
ALFA AL 1600 x 200	1600	63	1760 x 200	69 x 8	71 / 156	82 / 180	153 / 337	170 / 6	340 / 13
ALFA AL 1800 x 200	1800	70	1960 x 200	77 x 8	84 / 185	95 / 209	179 / 394	190 / 7	380 / 15
ALFA AL 2000 x 200	2000	78	2160 x 200	85 x 8	97 / 213	108 / 238	205 / 451	210 / 8	420 / 16
ALFA AL 2200 x 200	2200	86	2360 x 200	93 x 8	112 / 246	123 / 271	235 / 517	230 / 9	460 / 18
ALFA AL 3200 x 200	3200	126	3360 x 200	132 x 8	220 / 484	238 / 524	458 / 1008	320 / 12	640 / 25

NOTE: Dimensions are approximate and they are subject to changes without notice. Weights and dimensions belong to the most demanded models.

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