

Fully-automatic side sealing plastic strapping machine

FROMM Plastic strapping machines are ideal for general palletizing and unitizing and for the well known applications in the corrugated-, can-, bottle-, paper-, and food / beverage industries.



Technical data for model PM500

Suitable strapping qualities:	Polyester (PET)	
Strapping dimensions:	widths	13.0 – 32.0 mm
	thicknesses	0.40 – 1.53 mm
Average seal strength:	up to 85% of strap breaking strength (dependent on quality)	
Sealing method:	friction welding	
Strapping heads*:	MH600	MH610
Tension:	up to 7000N, adjustable	up to 7000N, adjustable
Tensioning speed:	105 mm/s / 0.34 ft/s	105 mm/s / 0.34 ft/s
Feeding and retracting speed:	5.3 m/s / 17.3 ft/s	5.3 m/s / 17.3 ft/s
Power:	400 V – 3PE – 50 Hz	400 V – 3PE – 50 Hz
	230 V – 3PE – 60 Hz	230 V – 3PE – 60 Hz
Power consumption:	1.1 kW	1.1 kW
Max. package size:	W 3000 x H 3000 mm	
Min. package size:	W 150 x H 180 mm	

* Additional heads (heat welding) are available on request

Advantages

- Fully automatic machines reduce the total strapping time substantially compared to manual operations
- Under normal circumstances labour work is completely eliminated
- The rugged fully automatic machines have been designed for continuous and shift operations demanding a high working reliability
- A very wide variety of different fully automatic machines meeting the requirements of all major industries including a broad range of options are available
- Customer friendly control system; keyboard and display show all information and messages in the language required by the customer
- Every fully automatic machine is built for the specific requirements of the customer
- After sales service is guaranteed by our FROMM subsidiaries and distributors

Chart of types PM100-200-500 Series

Model	Vertical fixed machine	Vertical moving machine	Side head	Fixed head with side head only	Sword	Edge protectors automatic	Wooden runners automatic
Code	1XXXXX	2XXXXX	5XXXXX	52XXXX	XXX 2XX	XXXX 2X	XXXX X2
PM100000	X						
PM100002	X						X
PM100022	X					X	X
PM100200	X				X		
PM100220	X				X	X	
PM150000	X	with timber press					
PM200200		X			X		
PM500000			X				
PM500200			X		X		
PM520000			X	X			

Additional options and combinations are available. Please check with our specialists.

Options

- Pneumatic vertical movement instead of gear motor with chain (if the height of packages changes < 200 mm only)
- Device used to detect the end strap and advise on the operator panel
- Balancing tension device (for big packages)
- Transformer for electric supply different than 400 V / 50/60 Hz
- High platform for head maintenance and easy operation
- 4 lamps: red = emergency stop; white flash light = alarms; orange flash light = end stop; green = regular operation; green flash light: manual operation
- Vertical press up to 400 kg / 880 lbs
- Vertical press up to 2000 kg / 4400 lbs
- Vertical press up to 5000 kg / 11000 lbs
- Automatic top corner protectors
- Automatic bottom wooden runners



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