

Fully-automatic vertical moving steel strapping machine

FROMM Steel strapping machines are suitable for applications in the forest products-, metals-, building products- and general bailing- and unitizing industries.



Technical data for model AM200

Suitable strapping qualities:	Uniflex and Ultraflex max. 1100 N/mm ² / 160'000 psi	
Strapping dimensions:	widths	9.5 – 32.0 mm
	thicknesses	0.50 – 1.00 mm
Average seal strength:	up to 80% of strap breaking strength (dependent on quality)	
Sealing method:	Sealless joint	
Strapping heads:	M100	MH200
Tension:	up to 9000N, adjustable	up to 18000N, adjustable
Tensioning speed:	120 mm/s / 3.9 ft/s	120 mm/s / 3.9 ft/s
Feeding and retracting speed:	2.0 m/s / 6.5 ft/s	2.0 m/s / 6.5 ft/s
Power:	Hydraulic Pressure up to 185 bar Flow 10l/min.	Pneumatic Air pressure min. 6 bar Consumption ~200 NI/cycl
Control Voltage:	24V DC	24V DC
Max. package size:	W 2500 x H 3000 mm	W 2500 x H 3000 mm
Min. package size:	W 300 x H 20 mm	W 200 x H 100 mm*
Outer diameter coils:	-	min. 1000 mm*

*MH201 for small packages of min. size W150 x H100 mm (Outer diameter for coils min. 800 mm) available

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 AM100-200-500 Series

Model	Vertical fixed machine	Vertical moving machine	Side head	Fixed head with side head only	S word	Edge protectors automatic	Wooden runners automatic
Code	1XXXXX	2XXXXX	5XXXXX	52XXXX	XXX 2XX	XXXX 2X	XXXX X2
AM100000	X						
AM100002	X						X
AM100022	X					X	X
AM100200	X				X		
AM100220	X				X	X	
AM200200		X			X		
AM500000			X				
AM500200			X		X		
AM520000			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)
- Dispenser HA1 instead of VR 7 (when small amount of strapping is retracted)
- Dispenser HAJ-10 instead of VR 7 (for Jumbo coils from 200 to 1500 kg)
- Oil collecting basin under the hydraulic unit
- Hydraulic unit on the top of the machine, incl. oil collecting basin
- Transformer for electric supply different than 400 V / 50/60 Hz
- Heating for the hydraulic box
- High platform for head maintenance and easy operation
- Telescopic arch
- 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 and/or bottom wooden runners



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