

Fully-automatic side sealing 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 AM500

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 300 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	Sword	Edge protectors automatic	Wooden runners automatic
Code	1XXXXX	2XXXXX	5XXXXX	52XXXX	XXX2XX	XXXX2X	XXXXX2
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 VR7 (when small amount of strapping is retracted)
- Dispenser HAJ-10 instead of VR7 (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