

FROMM PACKAGING SYSTEMS **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

FROMM PACKAGING SYSTEMS **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