

ROMS-4/TRS-4

Strapping Machine

MOSCA®
EAMMOSCA



- Low Maintenance DC Drives
- Varied Track Sizes
- Automation Options

Innovative Strapping Systems

ROMS-4/TRS-4

Standard Features

The Mosca ROMS-4 and TRS-4 automatic strapping machines are highly reliable, side-sealing systems available with a range of control options. These machines have a wide variety of arch sizes, making them suitable for securing large or small products. The design allows the arch to fit into a narrow gap for easy integration into conveyor lines.

General

- ROMS is typically operated manually via foot-switch or push button. TRS is always automatic, and uses a Siemens S7 PLC that allows it to control external devices such as conveyors.
- TRS features a touch panel for operation and service diagnostics, and contains a counter which tracks number of system cycles to aid in maintenance scheduling.
- Both feature a compact footprint.

Strap Track

- Fully enclosed strap track requires only a 5" conveyor gap to permit the machines to roll in and out of line.
- Cam actuated opening provides positive strap delivery for exceptional feed reliability.
- Fast, tool-less cleaning with quick-release internal strap guides.

Sealing Head

- Strap loop ejects if machine is cycled without package in place.
- Coil-end detection and ejection (tower light and audible signal available as an option) further enhances system reliability.
- Automatic strap feeding for fast coil loading.
- Brushless DC motor technology for precise operational control and minimal maintenance needs.
- Electronically controlled heat-weld sealing system provides consistent, high-strength seal joints.

Options

- Single pneumatic compression devices for most track sizes 600mm high, and selectively for taller tracks.
- Roller conveyor for the ROMS-4.
- Signal lights. 2-Color for 'Ready' and 'Trouble'; 3-Color for 'Ready', 'Trouble', and 'Low Strap'.
- Many other programmable control functions and interface features for custom integration.
- Special conveyor heights are available on request.

EAM-Mosca offers technical support from our network of service technicians. We also provide system installation and offer in-plant training. For more information, please visit our web site at www.eammosca.com or call us at 1-800-456-3420.

		Track Height - Drawing Dim B											
		400	500	600	700	800	1200	1400	1600	1800	2200	2600	2800
Track Width - Drawing Dim A	450	*x											
	500								*				
	550		*x	*	*	*			*	*		*	*
	650			*x	*	*	*		*	*			
	900			*x	*	*	*	*	*	*	*		
	1300			*x	*	*	*	*	*	*	*		
	1650			*x	*	*	*	*	*	*	*	*	
	1950			*									
	2400						*						

* indicates available track dimensions. X indicates optional pneumatic press available in this size track

Technical Data

Production Rates:

1.5 to 3 seconds per cycle depending on track size.

Strap: 5mm, 6mm, 8mm, 9mm, and 12mm

Machine Grade Polypropylene

Track Sizes: see chart

Electrical Requirements: 200/575V, 50/60 Hz, 0.5 kVA 3 Ph

Strap Tension: DC Motor-Controlled, infinitely adjustable up to 60 Lbs.

Controls:

TRS-4: Proface touchscreen control interface with Siemens S7 PLC controller.

Strap Seal:

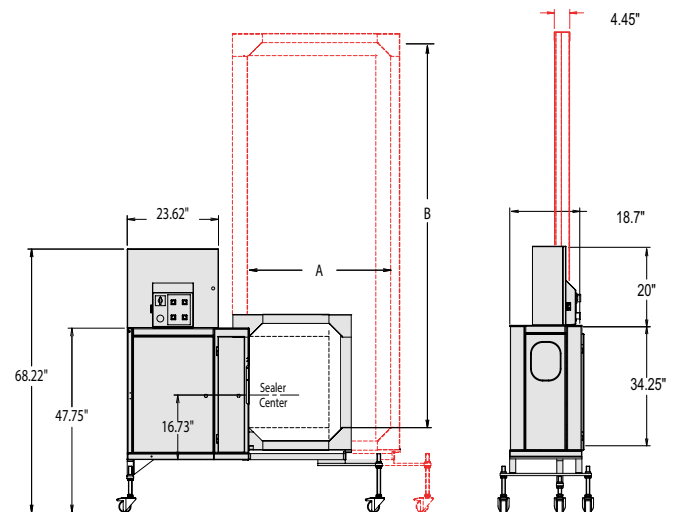
Heat-Seal, Electronic Temperature Controlled

Machine Color: Mosca Blue RAL 5010

Machine Shipping Weight: Approx. 800 Lbs.

Options:

- Single Pneumatic Press*
- Signal Lights for system faults
- Roller conveyor
- Powered roller conveyor (TRS Only)
- Conveyor height on request



Representational Drawing. Request drawing specific to your application. The ROMS-4/TRS-4 strapping machines are built-to-order machines and can be configured in a number of track sizes. See chart for available combinations.

*Pneumatic press available for most track sizes up to 600mm high; selectively for taller tracks. Call for info.



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