TR-6

Strapping Machine

- Precision Strap Path for Superior Reliability
- Advanced control capability meets the most complex requirements
- Sonixs Ultrasonic Strap Seal or Temperature Controlled Heat Seal
- Pneumatic or Electric Package Management Accessories
- Standard Belt and Optional Roller Conveyors

Standard Features

The TR-6 series combines the best features of Mosca's earlier models with our newest technology to achieve superior performance in a wide range of applications. TR-6 advances our well known DC brushless direct drive technology while adding advantages of reduced parts count, sealed bearing construction and a precision strap path to reach new levels of reliability and low operating cost. With a range of configurations available, there is a combination of cost and capability to match up to the requirements of virtually any application.

Standard Model

- Entry-level automation for basic requirements with little package variation.
- Push button panel operator interface, upgradeable to B&R PLC/HMI with advanced control capability.
- Leading/trailing edge strap placement options.
- Optional pneumatic press/backstops.

Pro Model

- Sophisticated automation for varied package presentations and external communication requirements.
- Comes with B&R PLC/HMI with advanced controls.
- Options of either pneumatic or electric press/backstops.
- An array of specialized control options that meet the most complex package strapping requirements.

Both Models

- The machine is constructed around Mosca's Evolution series Standard-6 strap path, which assures mechanical integrity from coil dispenser through feed completion, to achieve maximum feed reliability.
- Strap cycle control by the Mosca MSCB1 control board assuring fast and consistent cycling with model to model uniformity for simplified servicing.
- DC brushless direct drive technology in the sealer, conveyor and electric accessory drives.
- Sealed bearing construction to help shed dirt and dust, reducing cleaning and servicing requirements.
- Easily accessible strap path from dispenser to sealer. Disassembles without tools for cleaning and servicing.
- Electronically controlled heat seal or Sonixs ultrasonic strap sealing technology.
- Optional roller conveyor for heavy or abrasive packages.
- Ability to be integrated into automated production lines.
- Pro and upgraded standard models include the option for remote program access via ethernet for diagnostic work and program modifications.

Technical Data

Production Rate: Up to 40 units per minute depending on track and package size.

Strapping: 5mm, 6mm, 8mm, 9mm and 12mm machine grade polypropylene.

Track Size:
Standard:
- 600 x 600mm center seal
- 800 x 600mm center seal

Pro:
- 500 x 600mm center seal, or 140mm from left corner
- 600 x 600mm center seal
- 800 x 600mm center seal, or 140mm from left corner

Electrical: 110-230V, 50/60hz, 1 Ph 0.25 KVA

Air Requirements: No requirement for standard machine. 3 CFM @87 psi with pneumatic options.

Table: Belt conveyor standard. 3" between center belts. Roller conveyor optional

Table Height: 700mm (27.6") min - 870mm (34.3") max with risers: 870mm (34.3") min - 1040mm (40.9) max

Strap Tension: DC motor controlled, infinitely adjustable up to 60 lbs. including "touch" selection for delicate packages

Strap Seal: Electronic temperature-controlled heat sealer or Sonixs ultrasonic sealer

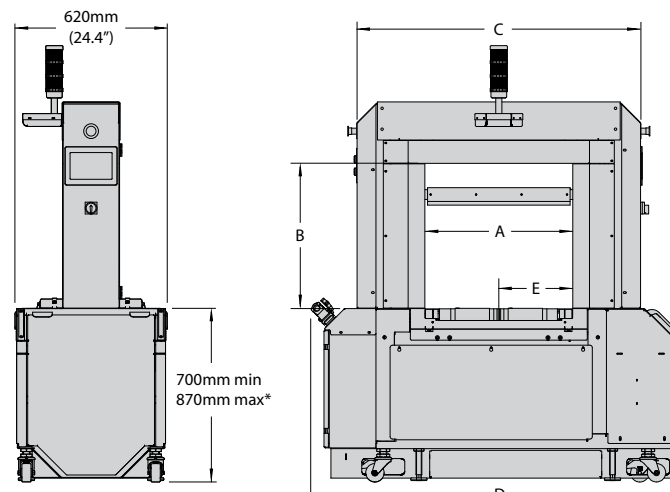**Machine Color:** Mosca Blue RAL 5010

Machine Shipping Weight: Approximately 900 lbs. including pallet, depending on model

Casters: Heavy duty, four swivel casters, two with brakes, plus two adjustable stabilizing feet.

Options:
- Pneumatic press and/or backstops (electric or pneumatic available for pro model)
- Powered roller table
- Multiple entry/exit table lengths
- Light tower
- Special function photo sensors
- Adjustable side guides
- Remote program access

Special options evaluated on request

620mm (24.4")

700mm min 870mm max*

* Standard ranges. Risers available on request.

Track Sizes	A		B**		C		D		E	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
TR6-50/4	19.7	500	15.7	400	41.8	1062	54.4	1383	9.9 or 5.5	251 or 140
TR6-60/6	23.6	600	23.6	600	45.4	1154	58.6	1488	11.8	300
TR6-80/6	31.5	800	23.6	600	53.3	1354	66.5	1688	15.7 or 5.5	400 or 140

** With press, subtract 5" or 125mm

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