

TR6-K

Strapping Machine



- Up to 55 Bundles/Minute
- Six-Sided Bundle Conditioning
- Close-Couples to High-Speed Stackers for Excellent Bundle Control



Standard Features

The TR6-K is the pre-eminent first position strapping machine for high speed bundling of zip sorted publication bundles. The system applies 5mm strap at the ideal tension for printed materials without curling edges. The TR6-K's superior bundle management features facilitate high speed banding of virtually any bound product.

General

- Maximum throughput speeds of 55 bundles per minute based on line conditions.
- The TR6-K can be installed as a stand-alone first position unit for single 'belly-straps'. For cross-strapping, add either a turn-post conveyor, or our unique EP-500 right angle transfer that diverts bundles 90 degrees left or right, into a high-speed TR-6 for cross strapping; or close-couple with a Mosca TR6-I in-line strapper which straps in direction of bundle travel, no turning required.
- Unique "kickers", set up instantly, square the trailing bundle edge and accelerate the exit of strapped bundles for maximum throughput.
- The TR6-K communicates with stacker to adjust tension as needed.
- Standard adjustable side guides assist with difficult products.
- Six-sided bundle control assures square bundles from digest through tabloid sizes.
- Special adapters linking strapper to stacker provide seamless bundle transfer.
- Fast, tool-less product size changes.

Controls

- B & R HMI controls and operator panel.

Sealer

- Industry leading Mosca DC brushless direct-drive sealer technology for superior performance.
- Standard 6 pathway features a sealer head that can strap bundles as small as 5" wide.
- Mosca Sonix ultra-sonic sealer reduces motion and wear of moving parts for smooth operation at high speed. Innovative lever style gripper and knife design, utilizing sealed bearing construction sheds dust and dirt, extending service intervals and reducing maintenance requirements. Electronic temperature controlled heat seal model is also available.
- Fast acting hinged backstop can be conveniently raised to allow access to the sealer without losing settings. Movement is assisted by gas cylinders and is held in its operating position by two half-turn spring-pins.
- Push-button strap threading.

Strap Path

The TR6-K 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.

Bundle Sizes			Tabloid Modification**	
DIM	Minimum	Maximum	Minimum	Maximum
Width	5"	10"	5"	14"
Length	7"	13"	7"	17"
Height	.25"	8.5"*	.25"	8.5"
	*10" Maximum Height Option		**Tabloid Modification includes disabling kickers and uncentered strap. Specify at time of order.	

Technical Data

Production Rate: 55 bundles per minute maximum

Strapping: 5mm Machine Grade Polypropylene

Track Size: 500 mm x 400 mm

Electrical Requirements: 220/440V 3 Ph, 60 Hz., 1.5 KVA

Air Requirements: 6 CFM @ 90 PSI

Conveyor: Variable Speed, Split Belt

Conveyor Height: Infinitely adjustable from 33.5" (850mm) to 38" (965mm)

Strap Tension: DC Motor-Controlled

Strap Seal: Sonix ultra-sonic sealer or electronic temperature controlled heat seal

Controls: B & R PLC and integral HMI

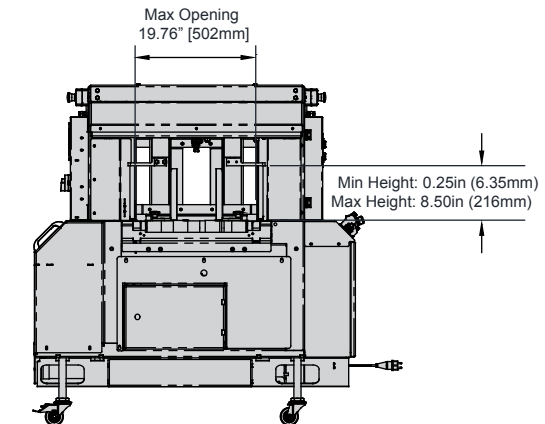
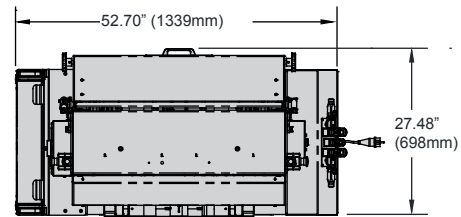
Machine Color: Mosca Blue RAL 5010

Machine Shipping Weight: Approximately 920 Lbs.

Bundle Sizes: See Chart

Options:

- Pneumatic double press
- Pneumatic back stop
- Stacker connection
- Automatic strap tension adjustment
- Light Tower
- Special paint



EAM-Mosca Corporation

675 Jaycee Drive
 West Hazleton, PA 18202
 ph: 800.456.3420
 570.459.3426
 fx: 570.455.2442
 www: info@eammosca.com
 www.eammosca.com

In Canada, call or write

EAM-Mosca (Canada) Ltd.
 170 William Smith Drive
 Whitby, Ontario L1N9N3
 ph: 905.665.8225
 fx: 905.665.8188