

# TR5-C

## Strapping Machine

MOSCA®  
**EAM**MOSCA



- Keeps up with Today's High Speed Equipment
- Simplified, Durable Design
- Superior Reliability
- Hinged Infeed and Exit Conveyor Offers Improved Accessibility



**SONIXS**

Available with Sonixs Technology

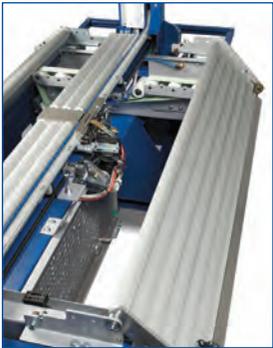
Innovative Strapping Systems

## Standard Features

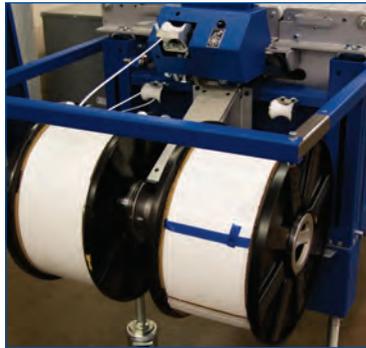
Mosca strapping systems are renowned for superior performance in a broad range of applications. The TR5-C is the next generation high-performance automatic bundler specifically designed for the corrugated industry. The TR5-C is built around Mosca's DC brushless direct drive technology. Its combination of convenience, speed and reliability make it the superior solution for production driven users who want top performance from their production process.

### The TR5-C features:

- Mosca's optional patented **Sonixs® Sealer** features ultrasonic strap sealing which reduces mechanical 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.
- Energy-saving and wear-free direct drive DC sealer.
- Robust construction with new unibody sheet metal cabinetry.
- Easy strap coil change. When strap coil is depleted, remaining strap is automatically ejected out of machine.
- Large accumulator capacity ideal for bulk-bin applications.
- Roller conveyors swing wide open for easy sealer access.
- Forms and ejects strap loops if accidentally cycled without a bundle. Avoids jamming.
- Precision single piece strap track for positive control and exceptional feed reliability with PP strap from 5 to 12mm wide.
- Heavy duty casters, two lockable.
- Double full-width pneumatic compression bars for bundle stability during strapping operation.
- Our strapping is made from top grade materials using process parameters designed to minimize dimensional variation, dust creation and splitting while optimizing seal strength and machine performance.



Conveyors swing wide open for easy sealer access.



Optional Dual Dispenser minimizes coil change-over time.

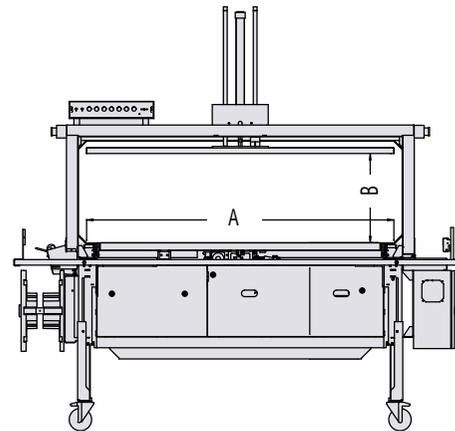
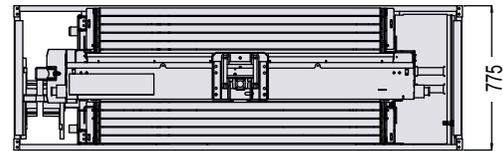


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## Technical Data

- Production Rate:** Up to 30 BPM with Press  
**Strapping:** 5mm, 23,000 Ft./Coil Machine Grade Polypropylene, (6mm, 8mm, 9mm, 1/2" Optional)  
**Track Size:** See chart  
**Electrical:** 200 - 575V 50/60 Hz, 1.3 KVA, 3 PH  
**Air Requirements:** 4 CFM @87 psi  
**Controls:** PLC Siemens type S7-300 with hot-swap modules  
**Conveyor:** Extruded splined roller conveyor with hinged infeed and exit, quick change drive belt  
**Conveyor Speed:** Variable 30 - 180 FPM  
**Conveyor Height:** 30" min to 48" max with one Optional Spacer Frame. Special heights lower than 30" or higher than 48" on request  
**Strap Tension:** DC Motor Controlled, infinitely adjustable 10 - 60 lbs.  
**Strap Seal:** Heat-seal, electronic temperature controlled; Optional Sonixs Sealer  
**Machine Color:** Mosca Blue RAL 5010  
**Machine Shipping Weight:** Depending upon model, approx. 1300 Lbs. on pallet  
**Casters:** Heavy-duty, lockable  
**Options:**
- Table Extension (970mm)
  - Back Stop
  - Protective Guarding
  - Dual Dispenser
  - Light Tower
  - Integrated jack-screw for faster height adjustment



Standard Machines	DIM			
	A		B	
	mm	Inches	mm	mm
TR5-C-1250	1250	49"	480	18"
TR5-C-1650	1650	65"	480	18"
TR5-C-2000	2000	79"	480	18"
TR5-C-2200	2200	87"	480	18"