High-Speed Squaring Bundler
One-touch Set-up
Operatorless Coil Change
Straps 30 Bundles/Minute

Innovative Strapping Systems
Standard Features

- Fully automatic squarer strapper straps in line with bundle travel.
- All electric six-sided squaring.
- Two sealing heads standard. Applies one or two straps per bundle. In single strap applications the second head provides redundancy in high speed high volume operations and can be activated in seconds in the event of a sealer fault.
- Set-up changes are made at the touch of a single touch-screen button or via signal from an external controller.
- Product transport is via variable speed roller conveyor. Bundles are clamped and controlled from entry through exit.
- Bundle squaring includes package stop, side conditioners, rear pushers and press, all electrically driven.
- Drape type strap feed with mechanical tension control and high speed needle to complete the strap loop and initiate sealing.
- Dual coil dispenser with automatic splicer for operator-less coil changes.
- Proven Mosca PI-1 sealer with high strength heat seal.
- Integral pacer conveyor with load clamp.
- Energy-saving and wear-free direct drive DC sealer.
- Robust construction with new unibody sheet metal cabinetry.
- Motorized rack and pinion drive system on floor mounted rails; heavy duty casters.
- 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 overall machine performance.

The UATRI-2 fully automatic squarer strapper straps in line with bundle travel and features all electric six-sided squaring for better bundles.

Technical Data

Production Rate: Up to 30 bundles/minute
Up to 30 parallel straps/minute with 2 Heads
Strapping: 5mm, 23,000 Ft./Coil Machine Grade Polypropylene, (6mm, 8mm, 9mm, 1/2" Optional)
Bundle Size:
Electrical: 200 - 575V 50/60 Hz, 1.3 KVA, 3 P
Controls: PLC Siemens type S7-300 with hot-swap modules
Conveyor: Integrated roller conveyor system
Conveyor Speed: Variable 30 - 180 FPM
Conveyor Height: 31.5" (800mm) - 41.5" (1050mm)
Strap Tension: DC Motor-Controlled, infinitely adjustable 10 - 60 lbs
Strap Seal: Mosca PI-1 sealer with heat-seal, electronic temperature controlled
Strap Threading: External, automatic
Strap Coil Change: Quick release, auto strap ejection
Casters: Heavy-duty, lockable
Machine Color: Mosca Blue RAL 5010
Machine Shipping Weight: Approximately 4,800 Lbs.
Options:
- Data interface with upstream converting machine
- Integrated upstream pacer conveyor
- Autosplicing with second dispenser

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