3M-Matic™ 800rks Side Drive Belt Random King-Size Case Sealer

Specifications

**Box:**
Boxes must meet the current F&PA/WI voluntary standards for RSC containers. Boxes not meeting these standards — for example, a width more than 50% of length or depth is less than 25% of length — should be best run to ensure satisfactory machine performance.

- **Style:** Regular slot container (RSC)
- **Bursting test:** 125 to 275 lbs. per sq. in., single or double wall, B or C B flute

- **Size:**
  - **Min. Length:** 18" (457mm)
  - **Max. Length:** Not limited
  - **Min. Width:** 30" (762mm)
  - **Max. Width:** 30" (762mm)
  - **Min. Height:** 12" (305mm)
  - **Max. Height:** 50" (1270mm)

- **Special modifications may be made for container sizes not listed above.** Contact your 3M sales representative for details.

**Note:** The 3M-Matic 800rks Side Drive Belt Random King-Size Case Sealer can accommodate most boxes within the size range listed above. However, if box length in inches exceeds 60 inches, it is less than 5 inches, or box height boxes should be tested under proper machine performance.

- **Weight:** Min. 5 lbs. (2.3kg) Max. 200 lbs. (90kg)

- **Packaging contents:** Must be heavy enough to hold box flat on conveyor belt with bottom flaps fully closed. Container must provide support against length of top flaps. Contents must not extend beyond top flap score line.

- **Tape:** Scotch brand pressure-sensitive box-sealing tapes.
  - **Width:** 2" (50mm) minimum to 5" (125mm) maximum
  - **Flap diameter:** Up to 10" (400mm) diameter or 3.5" (90mm) core.

- **Machinery:**
  - **Motor horsepower:** .16 hp upper drive per motor
  - **1.8 hp lower drive per motor
  - **72 hp total
  - **Power:** 208-230 VAC, 60Hz, 3 phase, 0.8A, 1600 watts, 5.2 (4.4kW) power cord with grounded plug included.
  - **Flow rates:**
    - **Manual:** 25-35 bph (95-135 bph) at 7 bph per minute
    - **Contact your 3M sales representative for power requirements not listed above.

**Equipment Warranty and Limitation of Remedy:**
1. The 3M-Matic™ 800rks Side Drive Belt Random King-Size Case Sealer with the following warranties:
2. The Taping Head locate, slides, and rollers will be free from all defects to ninety (90) days after delivery.
3. All Taping Head parts will be free from all defects for three (3) years after delivery.
4. The Taping Head parts will be free from all defects for twenty-five (25) years after delivery.
5. Any parts proven to be defective after the warranty period will be repaired or replaced at the option of 3M.

- **Weight:** 600 lbs. (363kg) Unloaded
  - **600 lbs. (363kg) Weighted
  - **Operating rate:** Up to 10 boxes/minute
  - **Box drive belt speed:** 88 rpm (4.5 m/s)
  - **Operating conditions:** Use in dry, relatively clean environments at 40°F to 120°F (5°C to 50°C) with clean, dry boxes.

- **Machine:** Should not be washed down or subjected to conditions causing machine contamination or components.

**Installation:**
- **Machine must be level
- **Customer-soldeed inlet and outlet conveyors must provide straight and level box entry and exit.
- **Ball caster inlet conveyor recommended for long, heavy boxes.
- **Evil conveyors (powered or gravity) must convey sealed boxes away from machine.

**Toll-free service and support:**
The 3M National Service Center offers 3M-Matic equipment for warranty and technical support. For answers to your questions about 3M-Matic equipment, or to order supplies or service, please call the toll-free number below. The NSC is open from 8 a.m. to 5 p.m., Central Time, Monday through Friday. Messages are taken 24 hours a day.

**Footprint:**

For further information, toll-free, call 3M-Matic toll-free 1-800-228-3121 or 3M-Matic toll-free 1-800-228-3121.

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3M-Matic™ 800rs Side Drive Belt Random King-Size Case Sealer

A better seal in less time
Sealing super-size cases slows your production line. Whether you're sealing by hand with tape or staples or adjusting a case sealer to handle different cases, you lose time on every case. The 3M-Matic 800rs Side Drive Belt Random King-Size Case Sealer helps you recover that lost time. It seals cases up to 30" wide by 50" high and processes up to 100 cases per minute. And because it automatically adjusts to each case, you can seal multiple sizes with one machine, on one production line — without losing time by hand or stopping for adjustments.

A high-quality seal for every case
The 800rs offers more than productivity. It delivers a reliable, attractive, high-quality seal every time. Matched upper and lower side belt drives ensure that each box is aligned for accurate tape placement. And 3M's AccuGlide™ low-impact taping heads provide precise, accurate seals.

Easy operation
The 800rs is controlled by a Programmable Logic Controller (PLC), which improves productivity and provides precise operation. All controls are clearly marked. And the automatic box stop gate makes it easy for one operator to load long boxes.

Easy integration
The 800rs is easy to integrate into any production line. Even though it is designed to seal large-size boxes, it features a compact, rugged steel frame that makes it a perfect solution for small work areas.

High-quality tape
The right tape can make the difference between a complete shipment and a complete disaster. 3M is the leader in quality and reliability. 3M tape is used in many federal specifications and ASME environmental guidelines. And they are available in a range of widths and colors to meet your requirements.

Part of a complete solution
The 800rs is part of the complete line of 3M-Matic case sealing equipment and accessories. We design 3M-Matic products for long life and maximum productivity, and we back them with comprehensive warranties and on-site service. To ensure your 3M equipment delivers the performance you expect, use Scotch™ brand pressure-sensitive box sealing tapes, the industry leaders in quality and reliability.

For a firsthand look at the productive 800rs, contact your 3M sales representative at 3M-Matic systems distributor. Or call 1-800-722-5463.

Frame-mounted tape drum
Adjustable friction brake tape drum
15"-40mm tape id/outer diameter capacity

Emergency stop switch
Located on both sides for increased safety
Electrical and pneumatic interlocks

Adjustable cylinder stop
Increased productivity by allowing user to limit travel of upper taping head

PLC control
Functional industrial design
16-gauge 1.5 mm formed steel frame
Low-friction bearings for added strength and reliability

Hexagonal plate for greater stability
Hexagonal taping plate for convenient mounting of components
Tough epoxy paint

Instructional and safety labeling
Graduated inner legs
Allow precise head height adjustment from 24" to 36" (600mm to 915mm)

Punched steel sideguards
More durable and scratch-resistant than plastic
Built-in safety switch shuts down machine when door is open

Pneumatic box stop
Allows easy one-operator loading of extra-long boxes

Options:
- Tape application sensor

AccuGlide™ II Taping Head
3M's advanced low-impact AccuGlide™ II taping head, with its smooth, linear track, ensures that even lightweight corrugated cases are securely and carefully sealed. Provides pliable side starting and precise tape application. A protective standard 3.75" (95mm) tape leg length, and a built-in blade cutter helps prevent adhesive buildup. The head comes with a 5-year warranty on drive blades, springs and rollers and a three-year warranty on all other parts.