

# 3M-Matic™ 800r Random Side Drive Belt Case Sealer

## Specifications

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

**Style** Regular slotted container (RSC)

**Bursting test** 125 to 275 lbs. per sq. inch single or double wall, B or C flute

Size	Min	Max
Length	8" (205mm)	Not limited
Width	4.25" (110mm)	19.5" (495mm)

Height ranges:		
Standard		
most position	4.75" (120mm)	19.5" (495mm)
High		
most position	9.0" (230mm)	23.75" (600mm)

Special modifications may be available for carton sizes not listed above. Contact your 3M sales representative for details.

**Note:** The 3M Matic 800r Random Side Drive Belt Case Sealer can accommodate most boxes within the size range listed above. However, if

**Box Length in Direction of Seal** is less than .6

**Box Height** boxes should be test run to assure proper machine performance.

**Weight** Up to 85 lbs. (38kg)

### Tape:

Scotch™ brand pressure-sensitive box-sealing tapes.

**Width:** 1.5" or 36mm minimum to 2" or 50mm maximum

**Roll diameter** Up to 16" (400mm) diameter on a 3" (75mm) core.

### Machine:

**Motor horsepower (per motor):** 1/6Hp

**Power:** Electrical — 115 V, 60 HZ, 3 8A, 440 watts, 8' (2.4m) power cord with grounded plug included.

Pneumatic — 70PS G (5 bar) min, 3.75 SCFM (.141 min @ 21°C, 1.01 bar) at 15 boxes per minute.

Contact your 3M sales representative for power requirements not listed above.

**Weight** 465 lbs. (210kg) uncrated  
510 lbs. (230kg) crated

**Operating rate:** Up to 15 boxes/minute.

Box drive belt speed: 78 fpm (.4 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 moisture condensation on components.

### Installation:

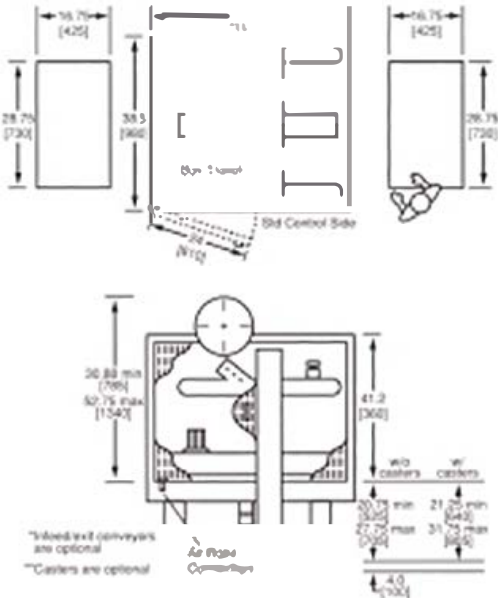
- Machine must be level.
- Customer-supplied infeed and exit conveyors must provide straight and level box entry and exit.
- Exit conveyors (powered or gravity) must convey sealed boxes away from machine.

### Toll-free service and support

The 3M National Service Center (NSC) supports 3M-Matic equipment. For answers to your questions about 3M-Matic equipment, or to order supplies or schedule service, just call the toll-free number below. The NSC is open from 7:30 a.m. to 6:00 p.m. Central Time, Monday through Friday. Messages are taken 24 hours a day.

1-800-328-1390

### Footprint:



**Equipment Warranty and Limited Remedy:** THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY. THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, A CUSTOM OR USAGE OF TRADE.

3M sells its 3M-Matic™ 800r Random Side Drive Belt Case Sealer with the following warranty:

1. The Taping Head Drive Blades, Springs and Rollers will be free from all defects for ninety (90) days after delivery.
2. All other Taping Head Parts will be free from all defects for three (3) years after delivery.
3. The motor(s) will be free from all defects for one (1) year after delivery.
4. All other parts will be free from all defects for ninety (90) days after delivery.

If any part is proved to be defective within its warranty period, then the exclusive remedy and 3M's and seller's sole obligation shall be, at 3M's option, to repair or replace the part, provided

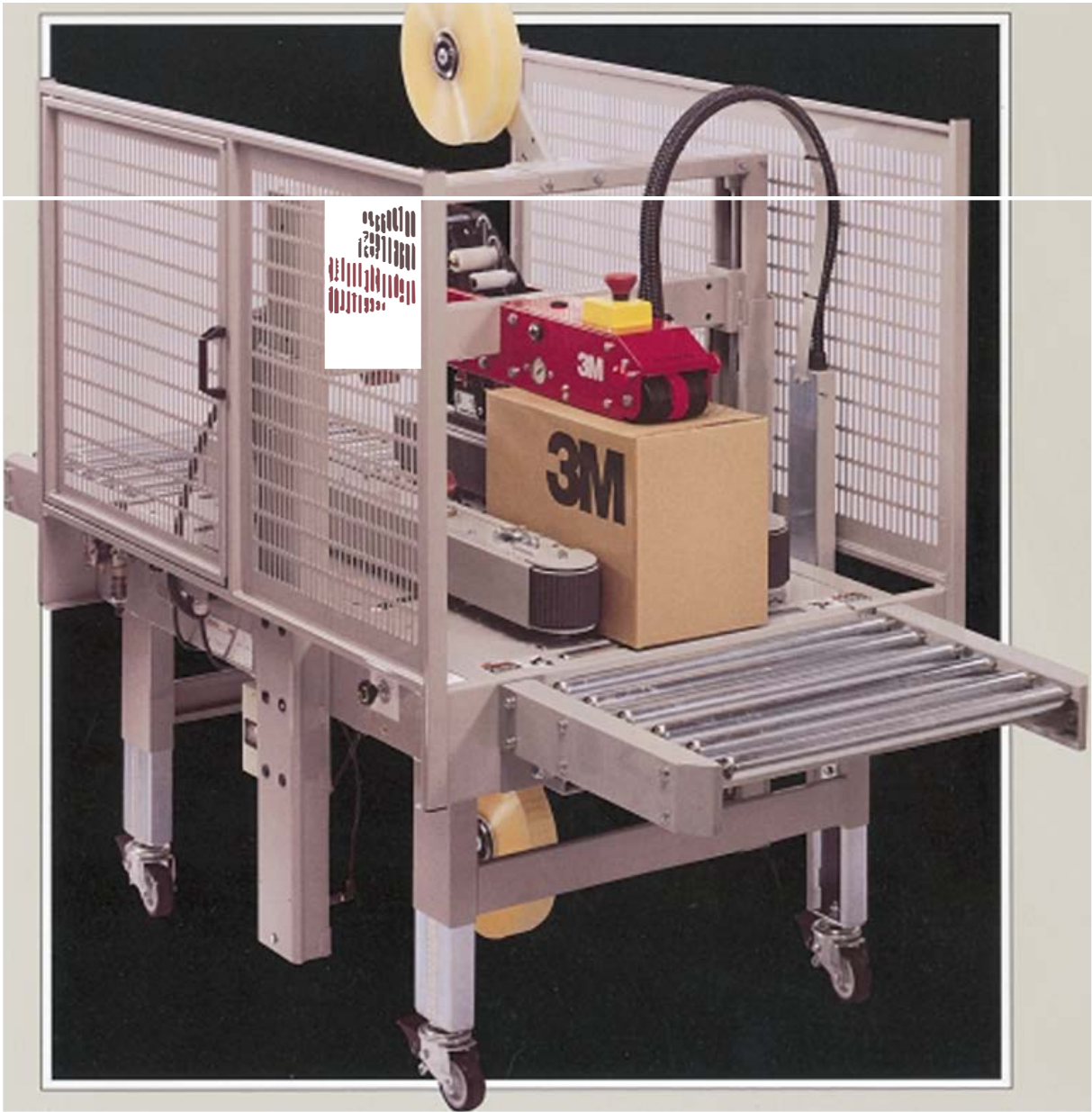
the defective part is returned immediately to 3M's factory or an authorized service station designated by 3M. A part will be presumed to have become defective after its warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M, at its option, will replace the equipment or refund the purchase price. 3M shall have no obligation to provide or pay for the labor required to install the repaired or replacement part. 3M shall have no obligation to repair or replace (1) those parts failing due to operator misuse, carelessness or any accidental cause other than equipment failure, or (2) parts failing due to non-lubrication, inadequate cleaning, improper operating environment, improper utilities or operator error.

**Limitation of Liability:** 3M and seller shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

The foregoing Equipment Warranty and Limited Remedy and Limitation of Liability may be changed only by a written agreement signed by authorized officers of 3M and seller.

The 3M-Matic™ 800r Random Side Drive Belt Case Sealer

## Secure, automatic sealing for assorted case sizes





# 3M-Matic™ 800r Random Side Drive Belt Case Sealer

## Superior sealing made easy

Dealing with assorted case sizes can be a challenge on a production line. Whether you're sealing by hand or adjusting a sealer to handle different sizes, productivity is lost.

The 3M-Matic™ 800r Random Side Drive Belt Case Sealer helps you optimize productivity. Side drive belts give it an expanded capacity to handle narrow case widths. It easily integrates assorted-size cases, even cases as narrow as 4.25" [110mm], into your workflow and processes up to 15 cases per minute. And because it automatically adjusts to each case, you can seal multiple sizes with one machine — without sealing by hand or stopping for adjustments.

## A high-quality seal for every case

The 800r offers more than productivity. It delivers a reliable, high-quality seal every time. And 3M's Accuglide™ II low-impact taping heads provide precise, accurate seals.

## Easy operation

All controls are clearly marked for maximum ease of operation.

## Easy integration

The 800r is easy to integrate into any production line. A compact, rugged steel frame makes it a perfect solution for small work areas. And optional casters with locking brakes provide an effective solution for moving the unit to various case sealing areas in a plant.

## High-quality tape

The right tape can make the difference between a complete shipment and a complete disaster. Safeguard your shipments and ensure optimum performance from your 3M-Matic systems by using Scotch™ brand pressure-sensitive box sealing tapes, the industry leaders in quality and reliability. 3M tapes comply with many federal specifications and ASTM environmental guidelines. And they're available in a range of widths, lengths and colors to meet your requirements.

## Part of a complete solution

The 800r 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 guarantees and a toll-free helpline.

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

Visual air pressure "on" indicator

Accuglide™ II taping heads (2)

Gearmotor drive

**Dual masts**  
Repositionable to handle two different case height ranges

**Side drive belt assemblies (2)**  
Positive box drive  
Self-centering with adjustable pneumatic loading  
Easily installed laced box drive belt  
Assemblies easily removed/installed  
Belt speed 78 ft. per min. (4 m/s)

**Air filter regulator gauge unit**  
Lockout on/off air valve

**Optional infeed/exit conveyor**  
Ball bearing rollers

**Functional industrial design**  
16 gauge (1.5mm) formed steel frame, robotically welded  
Large sections for added strength and rigidity  
Dual masts for stability  
Tough epoxy paint

**Electrical on/off switch**  
Integral motor starter/circuit breaker

**Upper taping head assembly down pressure and side drive belt force adjustment regulators**

**Instructional and safety labeling**

**Graduated inner legs**  
Allow convenient, precise bed height adjustment from 20.75" [525mm] to 27.75" [7052mm] (610mm to 890mm) without casters

**Optional casters**  
Locking/swivel 3" (76.2mm) diameter polyurethane tires

**Frame-mounted upper tape drum**  
Adjustable friction brake tape drum  
16" (406mm) tape roll diameter capacity

**Dual-crossbar mounting**  
Assures stability of upper assembly

**Centrally located emergency stop switch**

**Roller top deck**

**Punched steel sideguards**  
Access door for servicing  
Electrical interlocks  
Rugged

**Note:** Operator manual and tool kit included. Local and nationwide service available. Machine can be factory ordered with 3" (75mm) tape width heads. All controls and access door can be factory installed on either side.



## Accuglide™ II Taping Head

3M's advanced, low-impact Accuglide™ II taping head with its curvilinear track ensures that even lightweight corrugated cases are securely and carefully sealed. Provides positive tape starting and precise tape application. Applies standard 2.75" (70mm) tape leg lengths. Can be converted to apply 2" (50mm) tape leg lengths. And a built-in blade oiler helps prevent adhesive buildup. The head comes with a 90-day warranty on knife blades, springs and rollers and a three-year warranty on all other parts.