Specifications

Box:
Boxes must meet the current FDA/FPMI voluntary standards for RSC containers. Boxes not meeting these standards—for example, with a maximum length or depth of less than 40% of the height—should be rejected to ensure satisfactory machine performance.

Style: Regular slotted container (RSC).

Bursting test: 125 to 275 lbs. per sq. in. single or double wall.

B or C flute.

Size:

<table>
<thead>
<tr>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>Width</td>
</tr>
<tr>
<td>6'6&quot; (2m)</td>
<td>6'6&quot; (2m)</td>
</tr>
</tbody>
</table>

Height:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'7&quot; (1.4m)</td>
<td>6'0&quot; (1.8m)</td>
</tr>
</tbody>
</table>

Box Weight:

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
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<tbody>
<tr>
<td>6'0&quot; (1.8m)</td>
<td>6'0&quot; (1.8m)</td>
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</table>

Box Height:

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
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<tbody>
<tr>
<td>6'0&quot; (1.8m)</td>
<td>6'0&quot; (1.8m)</td>
</tr>
</tbody>
</table>

Machine:

Motor horsepower (motor): 1/4 HP

Rated input: 115 V, 60 Hz, 3.8 A, 640 watts, 3' (1m) core.

Power cord: 50' (15m) standard, 50' (15m) optional.

Operating conditions:

Operating conditions: Use in dusty, relatively clean environments at 40°F to 120°F (5°C to 50°C) with 98% RH. Dust is a potential hazard. Harris recommends that the machine should not be washed down or subjected to conditions causing moisture condensation on the components.

Installation:

- Machine must be leveled.
- 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, simply 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:

The footprint of the 3M-Matic 800r Random Side Drive Belt Case Sealer is approximately 15' x 15' (4.5m x 4.5m).

The 3M-Matic 800r Random Side Drive Belt Case Sealer is designed to provide secure, automatic sealing for assorted case sizes.

The 3M-Matic 800r Random Side Drive Belt Case Sealer is available through 3M Packaging Systems Division.
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® 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" (108mm), 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 stopping 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 very easily. And 3M's Accuglide™ low-impact taping heads provide precise, accurate seals.

Easy operation
All controls are easily 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 laps
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 firsthand look at the productive 800r, contact your 3M sales representative or 3M-Matic Systems distributor. Or call 1-800-722-5463.

Visual pressure 'on' indicator
Accuglide™ II taping heads (2)

Gearmotor drive

Dual motor Mounting allows you to handle two different case height ranges

Slide drive belt assembly
Positive box drive
Self-centering with adjustable pneumatic loading
Easily installed over box drive belt
Assemblies easily removed and small
Belt speed: 78 ft. per min. (4.8 m/minute)

Air filter regulator gauge unit
Lockout on all air valves

Optional integral overhead conveyor

Tall bearing rollers

Functional industrial design
16 gauge (1.6mm) formed steel frame, robotically welded
Large sectioned for stability and rigidity
Dual casters for stability
Tough epoxy paint

Electrical on/off switch
Integral motor starter/circuit breaker
Upper taping head assembly down with pressure and side drive belt force adjustment regulator

Instructional and safety labeling

Graduated inner legs
Allow convenient, precise belt height adjustment from 20.75" (527mm) to 29.75" (752mm) (592mm to 600mm) without casters

Optional casters
Locking-toes 1" (25mm) diameter polyurethane tires

Frame-mounted upper tape drum
Adjustable friction brake tape drum
10" (660mm) tape diameter capacity

Quick-coupler mounting
Ensures stability of upper assembly

Centrally located emergency stop switch

Roller top deck

Punched steel side guards
Access door for servicing electrical interlocks

Fused

Note: Operator manual and tool kit included. Local and nationwide service available. Machine can be factory ordered with 3" (76mm) 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 sunflower-style drive ensures that even lightweight corrugated cases are securely and carefully sealed. Provides positive tape starting and precise tape application. Applies standard 3.75" (96mm) tape leg lengths. Centre perpendicularity ±0.25" (6mm) tape leg lengths. A built-in blade cutter prevents 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.