

# 3M-Matic™ 800a Side Belt Adjustable Case Sealer

## Specifications

### Box:

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	6" [150mm]	No limit
Width	4.5" [115mm]*	21.5" [546mm]
Height	4.75" [120mm]**	24.5" [622mm]

\* 5.5" [140mm] with the 3M-Matic™ 800a3.

\*\* 4.25" [108mm] with compression rollers removed.

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

**Note:** The 3M-Matic™ 800a Side Belt Adjustable Case Sealer can accommodate most boxes within the size range listed above. However, if

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

boxes should be test run to assure proper machine performance. Also, some wide/short boxes will require the removal of the compression rollers.

Box Weight:	Min	Max
	5 lbs. [3kg]	85 lbs. [38kg]

Packing: Contents must support flaps.

### Tape:

Scotch™ brand pressure sensitive film box sealing tapes.

Width: For 800a and 800ab — 1.5" [36mm] minimum to 2" [50mm] maximum. For 800a3 — 2" [50mm] minimum to 3" [72mm] maximum. Roll diameter: up to 16" [405mm] maximum on a 3" [76.2mm] diameter core. (Accommodates all system roll lengths of Scotch™ brand film tapes.)

Tape application leg length: 2.75" ± .25" [70mm ± 6mm]

### Machine:

Power: Electrical — 115 V, 60Hz, 2.8A, 315 watts.

Motor horsepower (per motor):

Starting — 1/9 Hp

Running — 1/6 Hp

The machine is equipped with a standard 8 ft. [2.4m] neoprene covered power cord and a grounded plug. Contact your 3M sales representative for power requirements not listed above.

### Weight:

390 lbs. [177kg] crated

350 lbs. [160kg] uncrated

Operating rate: Up to 30 boxes/minute.

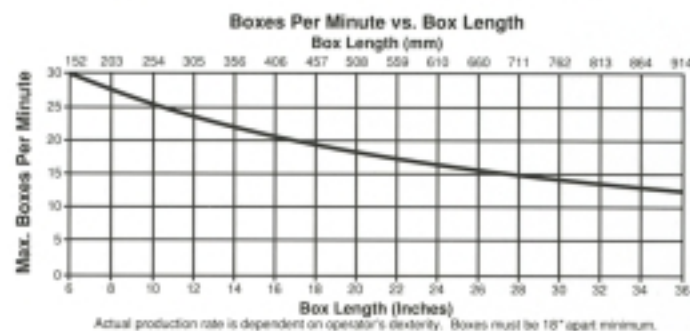
**Equipment Warranty and Limited Remedy:** THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A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

3M sells its 3M-Matic™ 800a, 800ab and 800a3 Side Belt Adjustable Case Sealers with the following warranties:

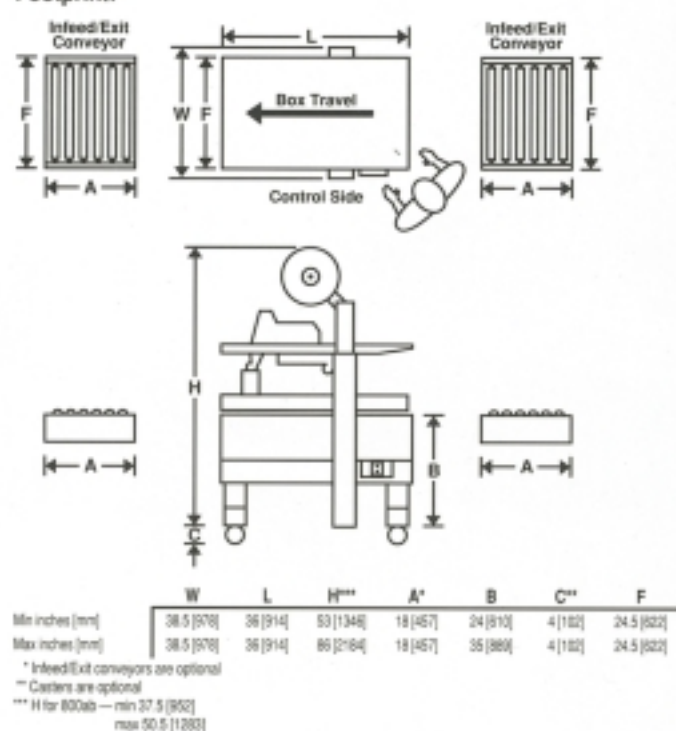
- The Taping Head knife blades, springs and rollers will be free from all defects for ninety (90) days after delivery.
- All other Taping Head parts will be free from all defects for three (3) years after delivery.
- All other parts will be free from all defects for two (2) years after delivery.

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

Box drive belt speed: Approx. 78 fpm [.4 m/s]  
Operating conditions: Use in dry, relatively clean environments at 40°F to 105°F [5°C to 40°C] with clean, dry boxes.  
Machine should not be washed down or subjected to conditions causing moisture condensation on components.



### Footprint:



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 due to 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™ 800a Side Belt Adjustable Case Sealer

## Practicality by design



# 3M

3M-Matic, "AccuGlide" and "Scotch" are trademarks of 3M.

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Innovation working for you™

Packaging Systems Division

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# 3M

# 3M-Matic™ 800a Side Belt Adjustable Case Sealer

## Part of a new generation of case sealers that's shaping the future of packaging

3M-Matic™ case sealers are specially designed to be versatile and productive. They're sturdy, compact and easy to install. And the new low impact AccuGlide™ II taping head represents 3M's commitment to innovation as the industry leader in case sealing systems.

The new 3M-Matic™ 800a Side Belt Adjustable Case Sealer is a semiautomatic case sealer that puts tight, consistent seals on regular slotted containers in one operation — at a rate of up to 30 cases per minute. Its spring-loaded side drive features twin gearmotors for heavy-duty performance. And the side belt drive allows a broader range of box weights and sizes to pass through — the side drives are even repositionable 2" [50.8mm] higher to provide greater stability for taller boxes. Three case sealer models are available: the 800a which comes with 2" wide taping heads, the 800a3 which comes with 3" wide taping heads, and the 800ab for bottom taping only with a 2" wide taping head.

Standard features include compression rollers that position each box for precise tape sealing; dual masts with twin lead screws to provide extra stability and to allow for uniform height adjustment; an upper tape roll bracket attached to the machine for easier tape mounting; friction brake drums to prevent tape overrun and provide more consistent tape application; an easy-to-reach outboard tape roll mount for the lower head; and easy-to-install laced replacement belts. Plus, the controls can be relocated from standard left side to right side operation. Additional features are available as options.

Optional low tape indicator

Locking die cast height adjustment crank

Spring-loaded inner mast assembly

AccuGlide™ II taping heads  
Easily removed/installed

Gearmotor drives (2)

Side drive belt assemblies (2)  
Self-centering  
Easily installed laced box drive belt  
Assemblies easily removed/installed  
Drives can be repositioned 2" [50.8mm] higher for tall boxes  
Belt speed 78 feet per minute [4 m/s]

Compact, functional industrial design  
16 gauge [1.5mm] formed steel frame, robotically welded  
Radiused bends and large sections for added strength and rigidity  
Dual masts/twin lead screws  
Hexagonal threaded inserts for convenient mounting of components  
Outer tubular legs through-mounted and welded to frame  
Tough epoxy paint

Optional infeed/exist conveyor  
Rigid dual support mounting system  
Keyhole mounting for easy installation  
Ball bearing rollers  
Radiused end caps

Die cast width adjustment crank

Instructional and safety labeling

Frame mounted tape drum  
Adjustable friction tape drum  
16" [406mm] tape roll diameter



**The 3M-Matic™ 800ab Case Sealer**  
The 3M-Matic™ 800ab Case Sealer offers basically the same features and operating rate as the 800a, but is designed for bottom sealing only. Inclined rollers at the infeed end help keep the box down on the conveyor bed.



**The 3M-Matic™ 800a3 Case Sealer**  
This model offers 3" wide upper and lower AccuGlide™ II taping heads for tape widths from 2" [50mm] to 3" [72mm]. Side drive belts are shown in the alternate position (2" [50.8mm] higher).

Dual crossbar mounting  
Assures stability of upper assembly

Top flap compression rollers

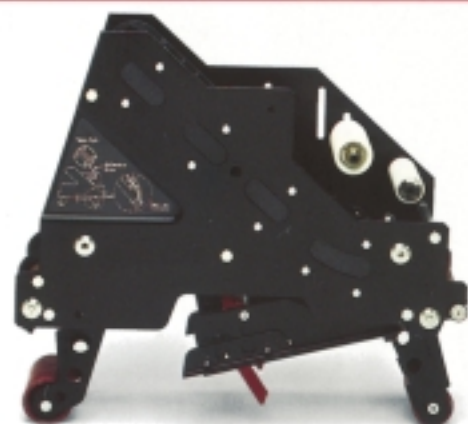
Roller top deck

Alternate outboard mount position for lower roll

Graduated inner legs for convenient, precise bed height adjustment  
(24" - 35" [610mm - 890mm] without casters)

Optional casters  
Locking/swivel  
3" [76.2mm] diameter polyurethane tires

Notes: Operators manual and tool kit included.  
Local and nationwide service available.



## AccuGlide™ II taping head

3M's advanced, low impact AccuGlide™ II taping head with its curvilinear track insures that even lightweight corrugated cartons are securely and carefully sealed. It provides positive tape starting and precise tape application. The spring-mounted upper taping head compensates for overpacked boxes. Applies standard 2.75 inch [70mm] tape leg lengths. Taping heads can be adjusted to apply 2.00 inch [50mm] leg lengths. A built-in blade oiler pad helps prevent adhesive buildup. The AccuGlide™ II taping head comes with a 90 day warranty on knife blades, springs and rollers and a 3 year warranty on all other parts.