

3M-Matic™ 800af Automatic Adjustable Case Sealer

Specifications

Box:

Boxes must meet the current FBA/PMMI 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	6" [150mm]	30" [760mm]
Width	4.75" [120mm]	21.5" [545mm]
Height	4.75" [120mm]	24.5" [620mm]

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

Note: The 3M-Matic™ 800af Automatic Adjustable 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 ensure proper machine performance. Also, some wide low boxes will require the removal of the compression rollers.

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

Packing: Contents must be heavy enough to hold box flat on conveyor bed with bottom flaps fully closed. Contents must support top flaps. Contents must not extend beyond top flap score line.

Tape:

Scotch brand pressure sensitive box sealing tapes.

Width: **800af:** 1.5 inches or 36mm minimum to 2 inches or 50mm maximum.

800af3: 2 inches or 50mm minimum to 3 inches or 75mm maximum wide.

Roll diameter: up to 16 inches [400mm] diameter on a 3 inch [75mm] diameter core.

Machine:

Motor horsepower (per motor): 1/6 Hp

Power:

Electrical — 115 V, 60Hz, 3.8A, 440 watts, 8 ft. [2.4m] power cord with grounded plug included.

Pneumatic — 70PSIG [5 bar], 2.5 SCFM [75-L/min @ 20°C, 1 bar] at 28 boxes per minute.

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

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™ 800af Automatic Adjustable Case Sealer with the following warranties:

1. The Taping Head knife 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. 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 defective part is returned immediately to 3M's factory or an authorized service



Packaging Systems Division
3M Center, Building 220-8W-01
St. Paul, MN 55144-1000



40% Pre-consumer waste paper
10% Post-consumer waste paper

Weight:

820 lbs. [370kg] uncrated
900 lbs. [410kg] crated

Operating rate: Up to 28 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
- Powered infeed conveyors must not exceed 60 feet per minute [.3 m/s] and guide boxes into machine

3M-Matic™ Systems Service and Support

The 3M-Matic Helpline (Customer Service Center)

The 3M-Matic Helpline is just what the name implies. It is ready to help 3M Packaging Systems Division's customers and distributors resolve equipment-related issues. When you have a question, simply call the toll-free 800 number listed below. You will have options of ordering replacement parts or talking to one of our trained staff technicians, who are experts in all facets of 3M-Matic equipment and a wide range of manual and semi-automatic tape dispensers.



The 3M-Matic Helpline is open to take your calls Monday through Friday, 8:00 a.m. — 5:00 p.m. Central Time, and messages are taken 24 hours a day for next working day response.

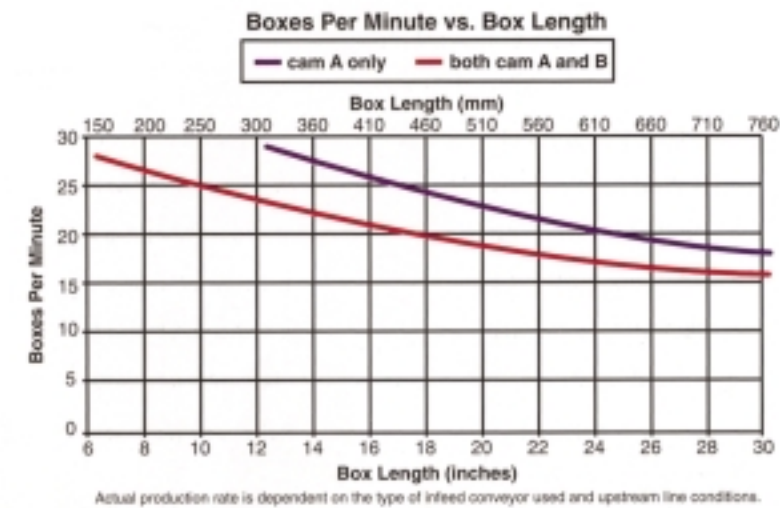
1-800-328-1390

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.

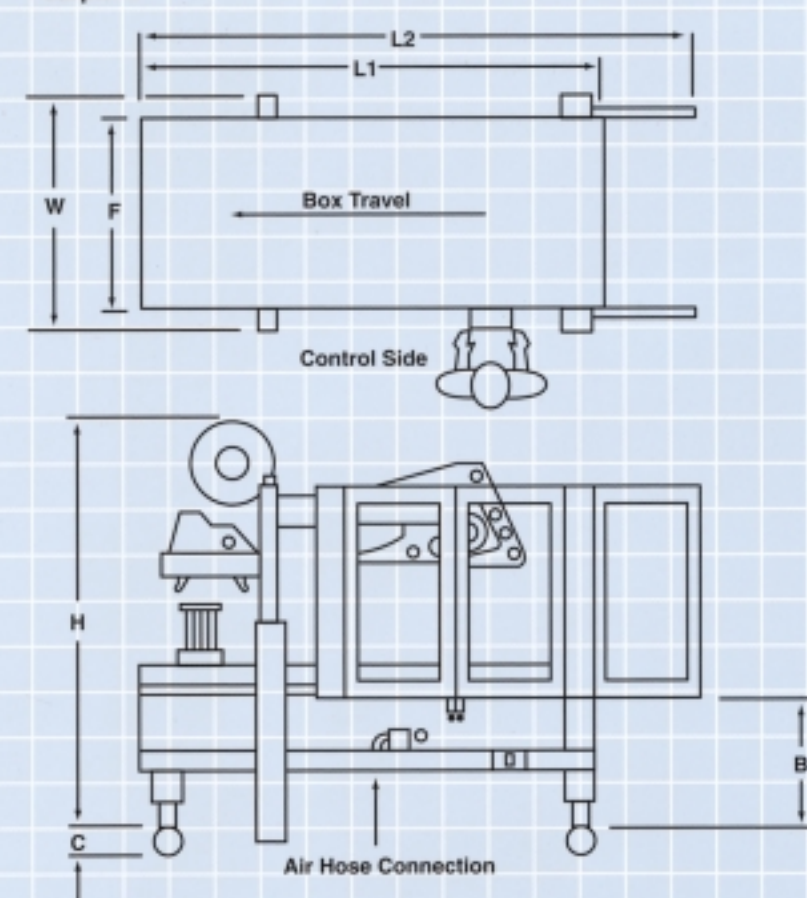
Limitation of Liability: 3M and seller shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory. The foregoing Equipment Warranty and Limited Remedy and Limitation of Liability may be changed only by a written agreement signed by authorized officers of 3M and seller.

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Footprint:

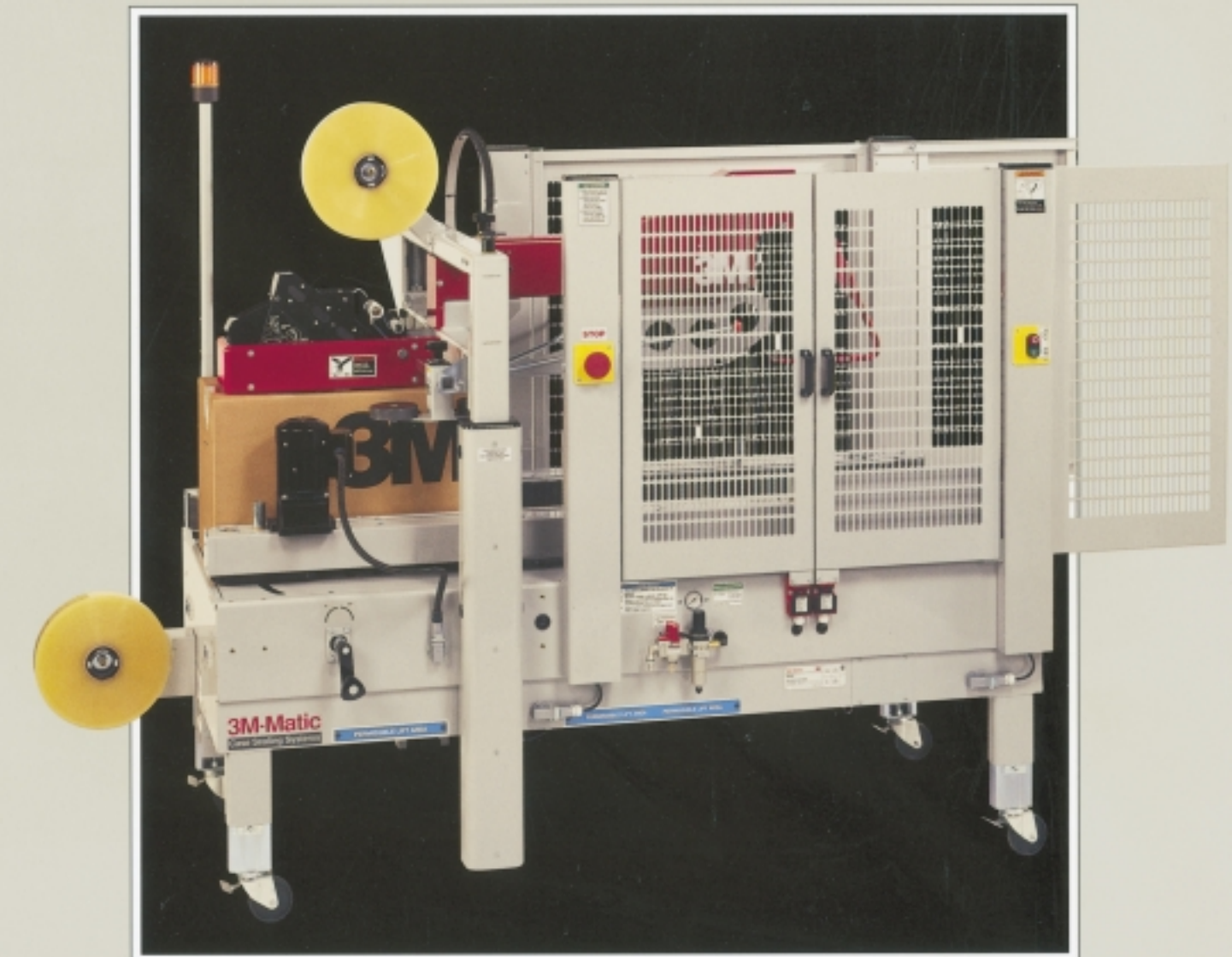


	W	L1	L2	H	B	C*	F
Min inches [mm]	38.8 [985]	75.6 [1920]	93.4 [2370]	62 [1575]	24 [610]	5.3 [135]	32.5 [825]
Max inches [mm]	38.8 [985]	75.6 [1920]	93.4 [2370]	86 [2185]	35 [890]	5.3 [135]	32.5 [825]

* Casters are optional

The 3M-Matic™ 800af Automatic Adjustable Case Sealer

Efficiency by design



3M Packaging

3M-Matic™ 800af Automatic Adjustable Case Sealer

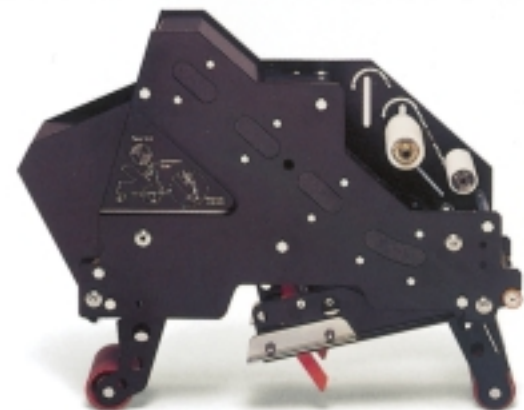
Part of a new generation of case sealers that's shaping the future of packaging

Today, the demand for fast, dependable and cost-efficient case sealing is strong. Tomorrow, it will be even stronger. The new generation of 3M-Matic™ Case Sealers is designed with this in mind.

Our new 3M-Matic case sealers are specially designed to be versatile and productive. They're sturdy, compact and easy to install. The new low impact AccuGlide™ II taping head represents 3M's commitment to innovation as the industry leader in case sealing systems. And 3M-Matic components are available worldwide, just one example of how 3M case sealers are built with the demands of global businesses in mind.

The 3M-Matic™ 800af Automatic Adjustable Case Sealer is a fully automatic case sealing machine efficient in a variety of top and bottom sealing operations. Featuring 3M's patented AccuGlide II taping head, this machine adjusts to a wide variety of boxes for precise application of the full range of Scotch™ brand box sealing tapes. Its spring-loaded side drive features twin gearmotors for heavy-duty performance. The 800af automatically folds top flaps and puts tight, consistent top and bottom seals on regular slotted containers — up to 28 per minute. Both upper and lower taping heads can be removed easily for servicing and added versatility.

The 800af has dual masts with twin lead screws to provide extra stability and to permit uniform height adjustment. The attractive and functional design saves floor space. And as an option, the controls can be ordered for right side operation.



AccuGlide™ II taping head

3M's advanced, low impact AccuGlide II taping head with its curvilinear track ensures 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.

Standard features include laced belts for quick and easy replacement; dual compression rollers that help position top flaps for improved sealing; side shields at machine infeed with hinged access doors and safety interlocks; easily accessible stop switch on each side of the machine; an upper tape roll bracket attached to the machine frame for easier tape mounting; friction brake drums to prevent tape overrun and to provide more consistent tape application; an integrated box gating system (indexer); and an easy-to-reach alternate outboard tape roll mount for the bottom taping head. Additional accessories are available as options.

To order the new 3M-Matic 800af Automatic Adjustable Case Sealer, contact your nearest 3M sales representative or your local 3M-Matic equipment distributor or call 1-800-722-5463.

Optional low tape indicator

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

Spring-loaded inner mast assembly

Dual crossbar and three point mounting
Ensures stability of upper assembly

Locking die cast height adjustment crank

AccuGlide™ II taping heads
Easily removed/installed

Dual top flap compression rollers (both sides)

Gearmotor drives (2)

Side drive belt assemblies (2)
Positive box drive through top flap folding and taping
Self-centering with adjustable spring loading
Easily installed laced box drive belt
Assemblies easily removed/installed
Belt speed 78 feet per minute [4 m/s]

Roller top deck

Alternate outboard mount position for lower roll

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

Die cast width adjustment crank

Instructional and safety labeling

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

Optional casters
Dual locking (rotation & swivel)
4" x 1-1/4" [100mm x 32mm] polyolefin wheels
Corrosion resistant bushing

Sturdy one-piece flap kicker

Adjustable stainless steel minor flap guide

Convenient on/off controls

Graduated scale for quick flap kicker adjustment

Integral box gate (indexer)
Separates boxes from flooded infeed conveyor
Adjustable pressure and height capability

Guarding
Punched steel
Two access doors with electrical/pneumatic interlocks

Multiple angle flap folding rods

Conveniently located latching E-stop switch
Both sides
Electrical/pneumatic

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

Notes: Operators manual and tool kit included.
All controls and guard access doors can be factory installed on opposite side.
Machine can be factory ordered with 3" [75mm] tape width heads.
Local and nationwide service available.