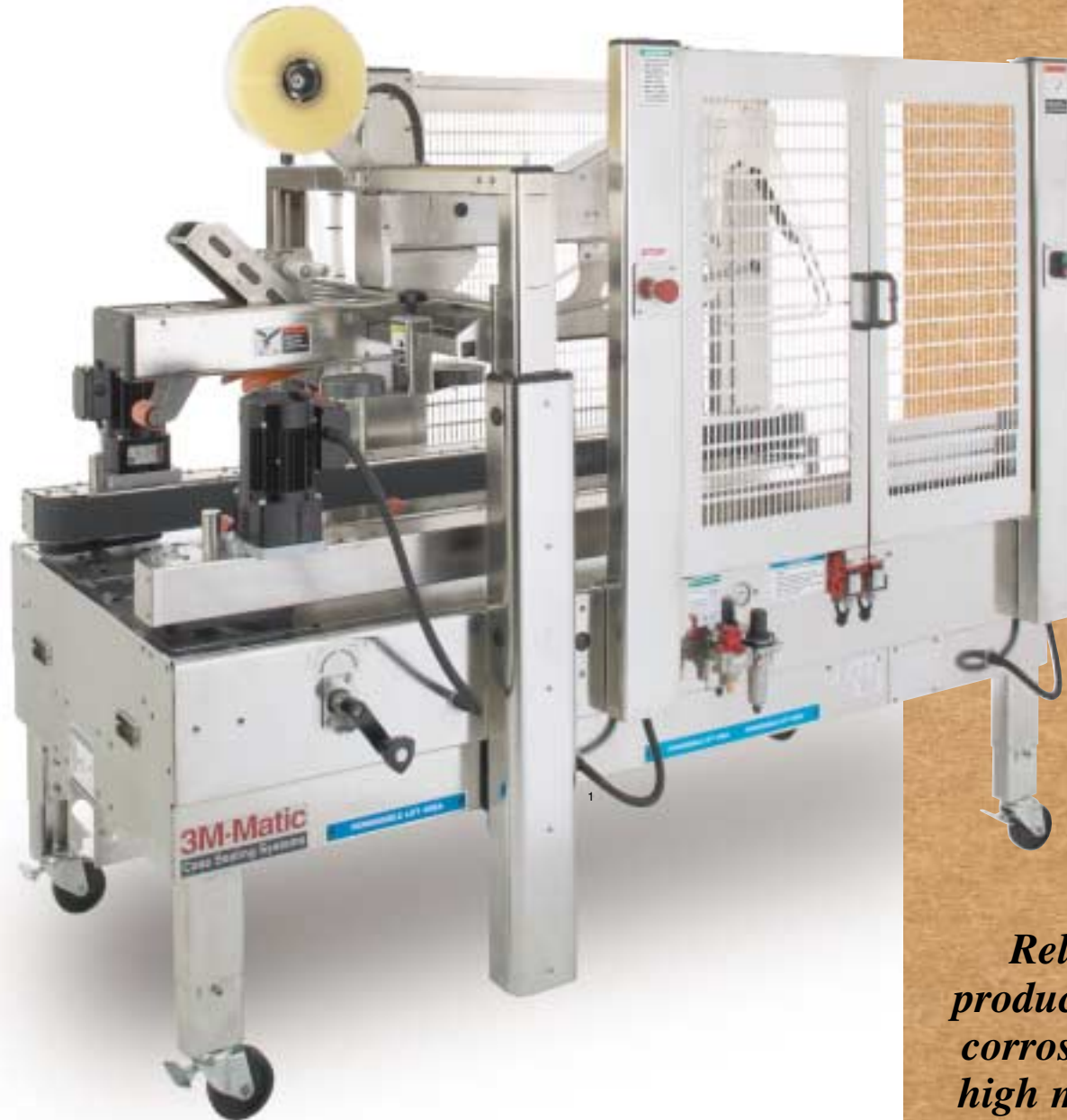




# 3M-Matic™

Automatic Adjustable  
Stainless Steel Case Sealer 800af-s



*Reliable  
productivity in  
corrosive and  
high moisture  
environments*

# 3M-Matic™ Automatic Adjustable Stainless Steel Case Sealer 800af-s...rugged dependability

For durability and productivity in high-moisture and corrosive packaging operations, the 3M-Matic™ Automatic Adjustable Stainless Steel Case Sealer 800af-s conforms to NEMA standard 250 type 4x specifications for watertight enclosures.

Engineered with 99% stainless steel for corrosion resistance, there are no painted surfaces.

For productivity, flaps are folded and tightly sealed at up 28 cases/minute.

**Easy-to-install and use**, you'll be quickly making tight, consistent seals on a wide range of RSCs with minimal operator training.

**Height and width adjust easily** for cases as small as 4.75" high x 4.75" wide and as large as 24.5" high x 21.5" wide.

**Sturdy construction** and twin motor side drives handle case weights from 5-85 lbs.

## 3M™ AccuGlide™ Stainless Steel Taping Head

- Designed for high moisture and corrosive environments but not for direct high pressure wash down
- Upper and lower heads easily removed for service

## Frame mounted tape drum

- Easily mounts up to 16" tape diameter
- Use with a full range of Scotch® Box Sealing Tapes in 36 mm to 48 mm widths
- Friction drum brake to maintain proper tape tension and prevent overcoasting for smooth tape application

## Dual masts and dual crossbar

- Provides greater stability of taping head position

## Belt drive assembly and gearmotor on each side

- Traction-grip surface on belts for positive case drive through top flap folding and taping
- Laced belt construction for replacement ease
- Easily replaced assembly
- Dual gearmotors to maintain reliable 78'/minute belt speed

## Top flap compression rollers on each side

- Positions and closes flaps before taping for an improved seal

## Optional casters

- Caster brake and locking swivel for on the job stability
- Large 4" diameter polyolefin tires for easy movement
- Corrosion-resistant bushing





- Flap folding rods
  - Precisely closes major box flaps
- Flap kicker for automatic rear flap closure
  - Sturdy one-piece construction
  - Easy-to-use graduated scale for kicker adjustment
- Convenient on/off switch
  - Can be repositioned on either side for better access and line changes
- Hinged access doors
  - Punched steel to observe case flow
  - Electrical/pneumatic interlock for safety
  - Standard left-side mounted; optional right or both side mounted
- Centrally-located emergency stop on both sides
  - Easily accessible e-stop
  - Cuts off electrical and pneumatic
- Adjustable leg height
  - Graduated for precise adjustment from 24" to 35" bed height (without casters)

- Width adjustment crank
  - Set for case widths from 4.75" to 21.5"

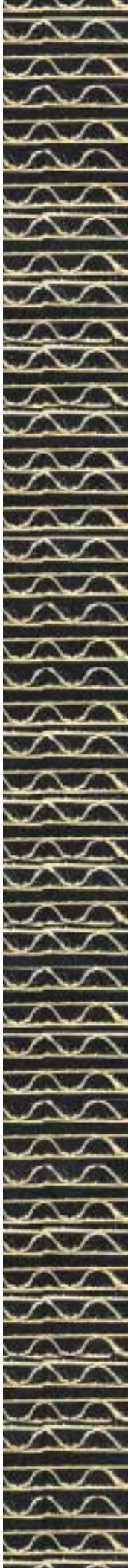
- Air filter/regulator/gauge
  - Lock-out on/off air valve to maintain proper pressure

- Instructional and safety labeling
  - Permanently bonded to resist distortion from heat and humidity

- Box gate (indexer)
  - Separates boxes from flooded infeed conveyor
  - Adjustable pressure and height



**Box Capacities**  
 Length: 6" to 30"  
 Width: 4.75" to 21.5"  
 Height: 4.75" to 24.5"



# 3M-Matic™ Automatic Adjustable Stainless Steel Case Sealer 800af-s

## Specifications:

### Box:

Boxes must meet 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" (150 mm)	30" (760 mm)
Width	4.75" (120 mm*)	21.5" (545 mm)
Height	4.75" (120 mm)	24.5" (620 mm)

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

**Note:** The 3M-Matic™ 800af-s can accommodate most boxes within the size range listed above.

However, if

$\frac{\text{Box length in Direction of Seal}}{\text{Box Height}}$  is less than .6

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

Weight:	Min	Max
	5 lb. (3 kg)	85 lb. (38 kg)

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-s:** 1.5 inches or 36mm minimum to 2 inches or 50mm maximum.

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

Roll diameter up to 16 inches (400) diameter on a 3 inch (75 mm) 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 (76-L/min @ 20°C, 1 bar) at 28 boxes per minute.

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

Weight:

820 lbs. (370 kg) uncrated

900 lbs.(410 kg) crated

Operating rate: Up to 28 boxes/minute

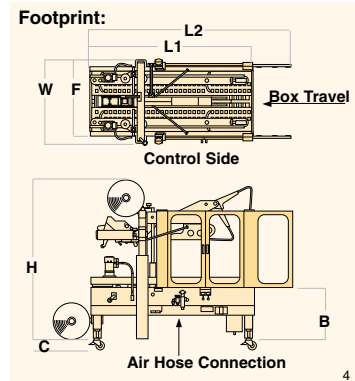
Box drive belt speed: 78 fpm (.4 m/s)

Operating conditions: Use in relatively clean environments at 40°F to 120°F (5°C to 50°C) with clean, dry boxes.

Machine should not be washed down.

Installation:

- Machine must be level
- Custom-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



	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)	3.4 (2370)	86 (2185)	35 (890)	5.3 (135)	32.5 (825)

\*Casters are optional

**Product Use:** User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application.

**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™ Automatic Adjustable Stainless Steel Case Sealer 800af-s 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.

Please refer to individual data pages for additional details and exceptions.

If any 3M-warranted 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 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.

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