

# 3M-Matic™ Stainless Steel Random Case Sealer 700r-s

## 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)	21.5" (546mm)
Width	6" (150mm*)	No limit
Height	4.75" (121mm)	24.5" (622mm)

\*3.75" [90mm] with taping heads adjusted to apply 2" [51mm] tape leg lengths and upper mast stops relocated.

Weight: Up to 85 lbs. [38.6kg]

Packing: Contents must support flaps.

**Note:** The 3M-Matic™ 700r-s can accommodate most boxes within the size range listed above. However, if

Box length in Direction of Seal is less than .5  
Box Height

boxes should be test run to ensure proper machine performance.

### Tape:

Scotch™ brand pressure sensitive box sealing tapes.

Width: 1.5 inches [36mm] minimum to 2 inches [50mm] maximum  
 Roll diameter: up to 16 inches [406mm] maximum on a 76.2mm diameter on 3 inch [76.2mm] diameter core.

### Machine:

Power:

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

Pneumatic – 70 PSIG [4.8 bar gauge pressure] 3.75 SCFM [.14 l/min @ 21°C, 1.01 bar] at 15 boxes per minute.

A pressure regulator is included.

Weight:

429 lbs. [194.6kg] uncrated

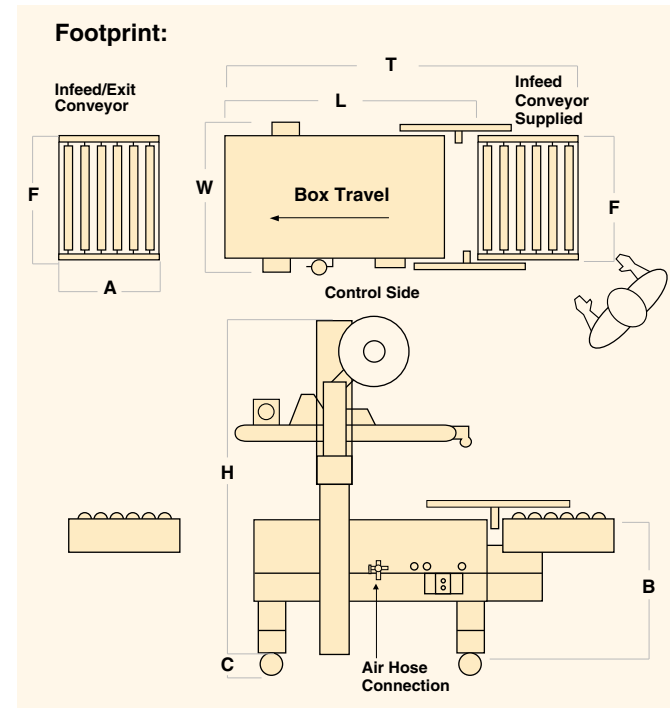
501 lbs. [227kg] crated

Operating rate: Up to 15 boxes per minute. Actual production rate is dependent on box size, box size mix, and operator dexterity box length.

Box drive belt speed: 75 fpm [.38 m/s]

Operating conditions: Use in relatively clean environments at 40°F to 120°F with clean, dry boxes.

Machine should not be washed down.



	W	L	H	A*	B	C*	F
Min inches (mm)	31 (787)	40.5 (1030)	53 (1346)	18 (457)	24 (610)	4 (102)	24.5 (622)
Max inches (mm)	31 (787)	40.5 (1030)	86 (2184)	18 (457)	35 (889)	4 (102)	24.5 (622)
Masts in upper position			90 (2290) max		20.5 (521) min		
					31 [780] max		

\* Exit conveyors are optional T=64.5 (1637)  
 \*\* 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.

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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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 Industrial Adhesives and Tapes Division**

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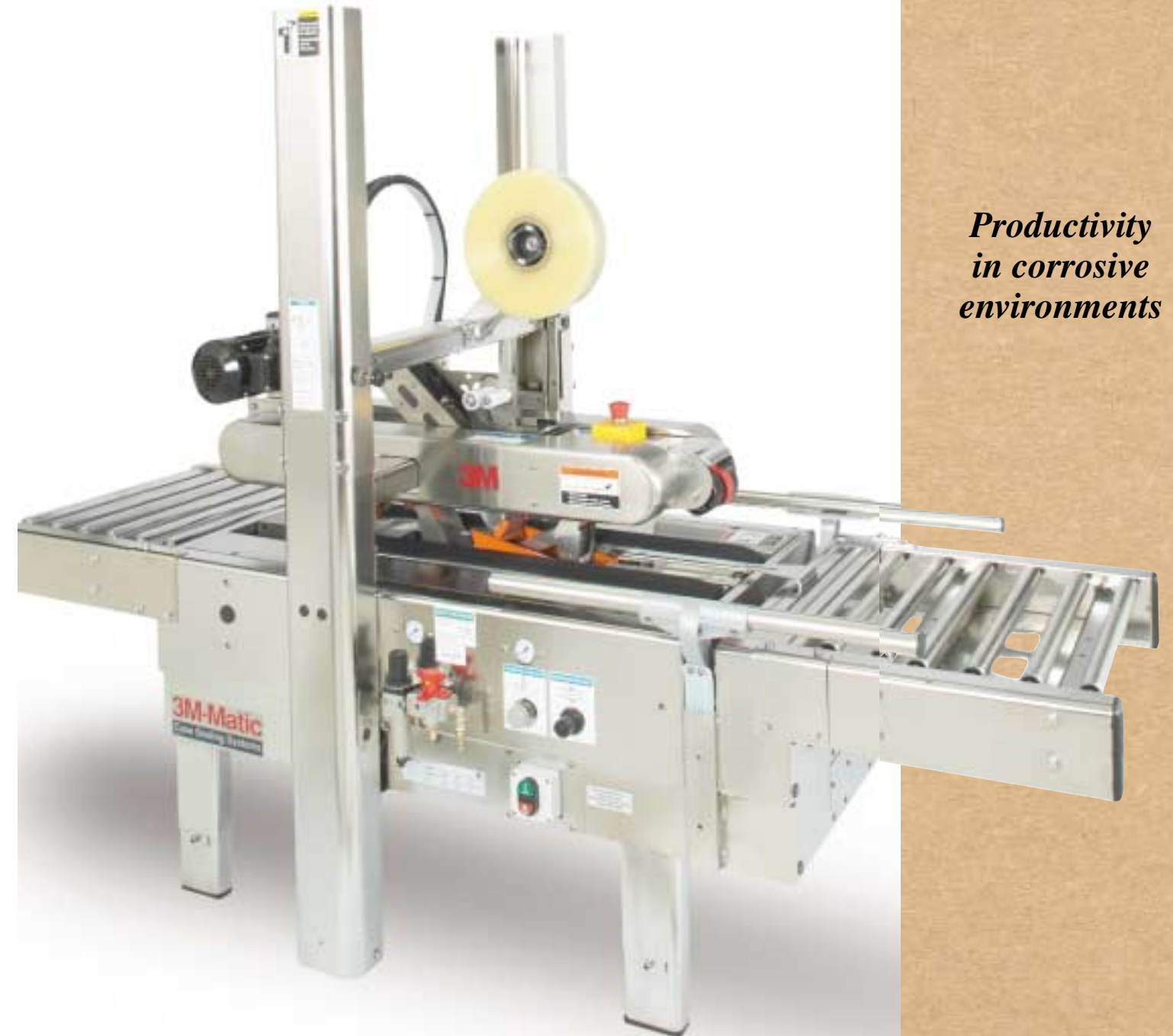
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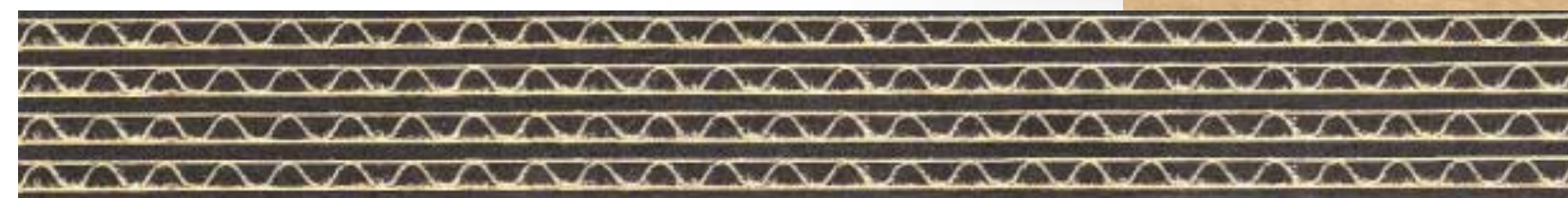
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# 3M-Matic™ Stainless Steel Random Case Sealer 700r-s



*Productivity  
 in corrosive  
 environments*



# 3M-Matic™ Stainless Steel Random Case Sealer 700r-s... automatic productivity

For durability and productivity in high-moisture and corrosive packaging operations, the 3M-Matic™ Stainless Steel Random Case Sealer 700r-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, the 700r-s seals up to 15 different size cases per minute, automatically adjusting to height and width of each box.

**Wide range of case sizes** from as small as 4.75" high x 6" wide to as large as 24.5" high x 21.5" wide.

**Sturdy construction** easily handles case weights up to 85 lbs.

**Compact footprint** saves floor space.

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

## 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

### Instructional and safety labeling

- Permanently bonded to resist distortion from heat and humidity

### Dual masts

- Provides greater stability of taping head position

### Reliable gearmotor drive

- Heavy-duty to handle up to 85-lb. cases

### Sturdy top belt drive

- Traction-grip surface on belts for reliable feeding of wide range of case weights
- Laced construction for replacement ease

### Optional infeed/exit conveyor

- Roller shafts locked in position for reliable performance
- Ball bearing rollers for smooth motion

### Optional casters

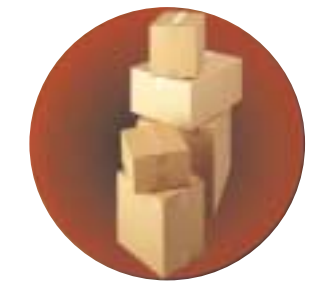
- Caster brake and locking swivel for on the job stability
- Large 4" diameter polyolefin tires for easy movement

### Air filter/regulator/gauge

- Lock-out on/off air valve to maintain proper pressure

### Frame mounted tape drum

- Easily mount 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



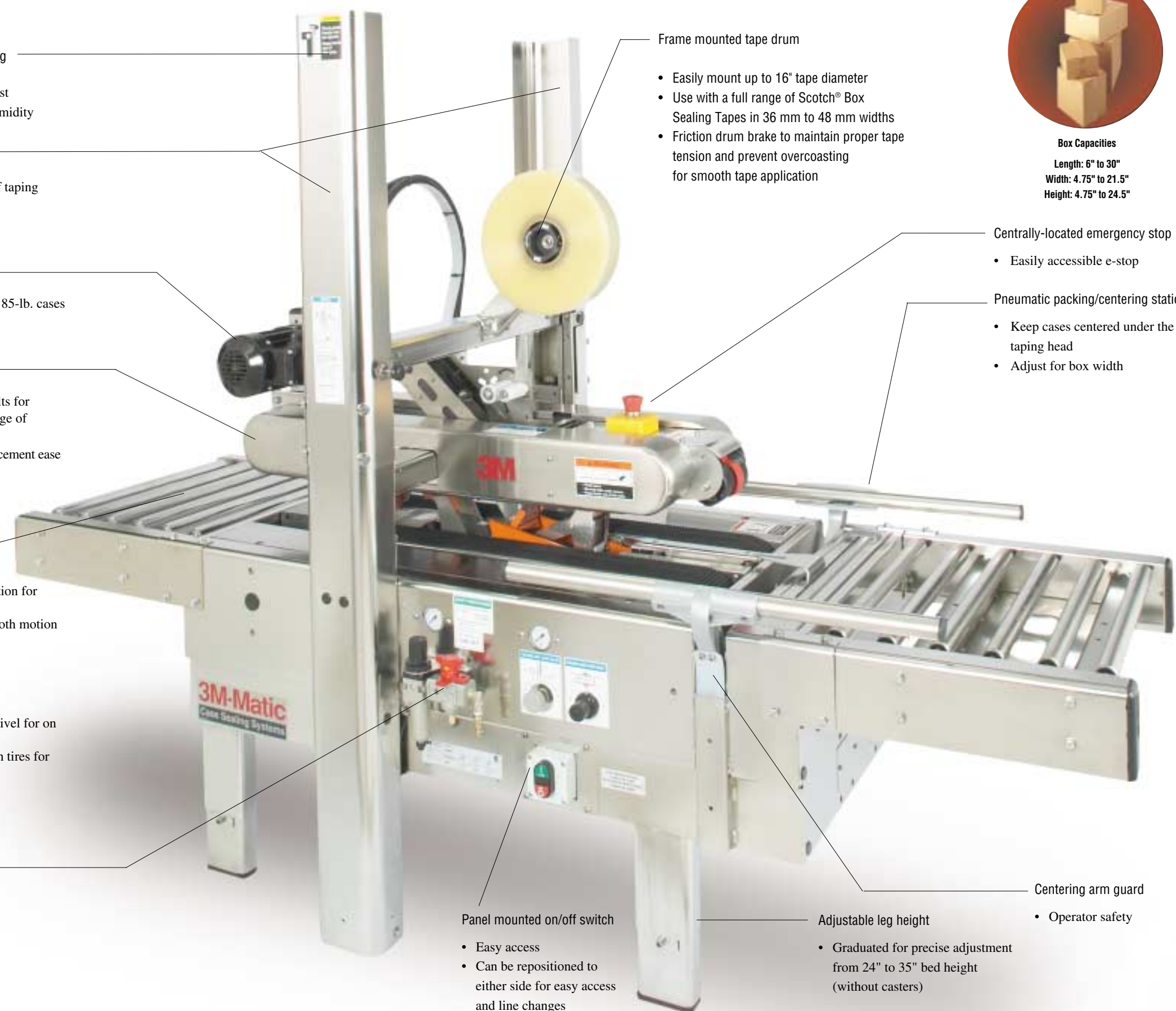
**Box Capacities**  
Length: 6" to 30"  
Width: 4.75" to 21.5"  
Height: 4.75" to 24.5"

### Centrally-located emergency stop

- Easily accessible e-stop

### Pneumatic packing/centering station

- Keep cases centered under the taping head
- Adjust for box width



### Panel mounted on/off switch

- Easy access
- Can be repositioned to either side for easy access and line changes

### Adjustable leg height

- Graduated for precise adjustment from 24" to 35" bed height (without casters)

### Centering arm guard

- Operator safety