

3M-Matic™ 700r Random 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
Width	6" [152mm]	21.5" [546mm]
Length	6" [152mm]	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 Random Case Sealer 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 assure 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] diameter on a 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 drive belt speed: 75 fpm [.38 m/s]

Operating conditions: Use in dry, relatively clean environments at 40°F to 120°F (4.4°C to 48.9°C) with clean dry boxes.

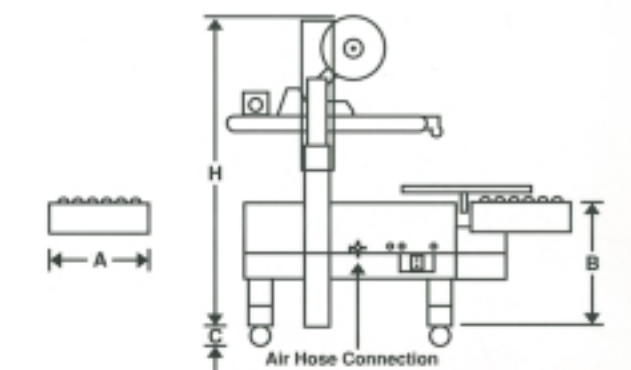
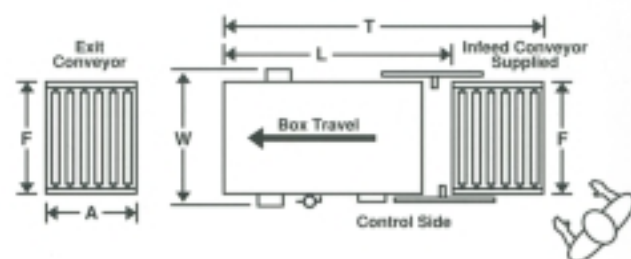
Equipment Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE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

3M sells its 3M-Matic™ 700r Random Case Sealer with the following warranties:

1. The belts and 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 station designated by

Footprint:



	W	L	H	A*	B	C**	F
Min inches [mm]	31 [787]	48.5 [1230]	53 [1346]	18 [457]	24 [610]	4 [102]	24.5 [622]
Max inches [mm]	31 [787]	48.5 [1230]	88 [2194]	18 [457]	35 [889]	4 [102]	24.5 [622]
Masts in upper position			90 [2290] max		20.5 [521] min 31 [787] max		

* Exit conveyor is optional
** Casters are optional

T = 64.5 [1637]

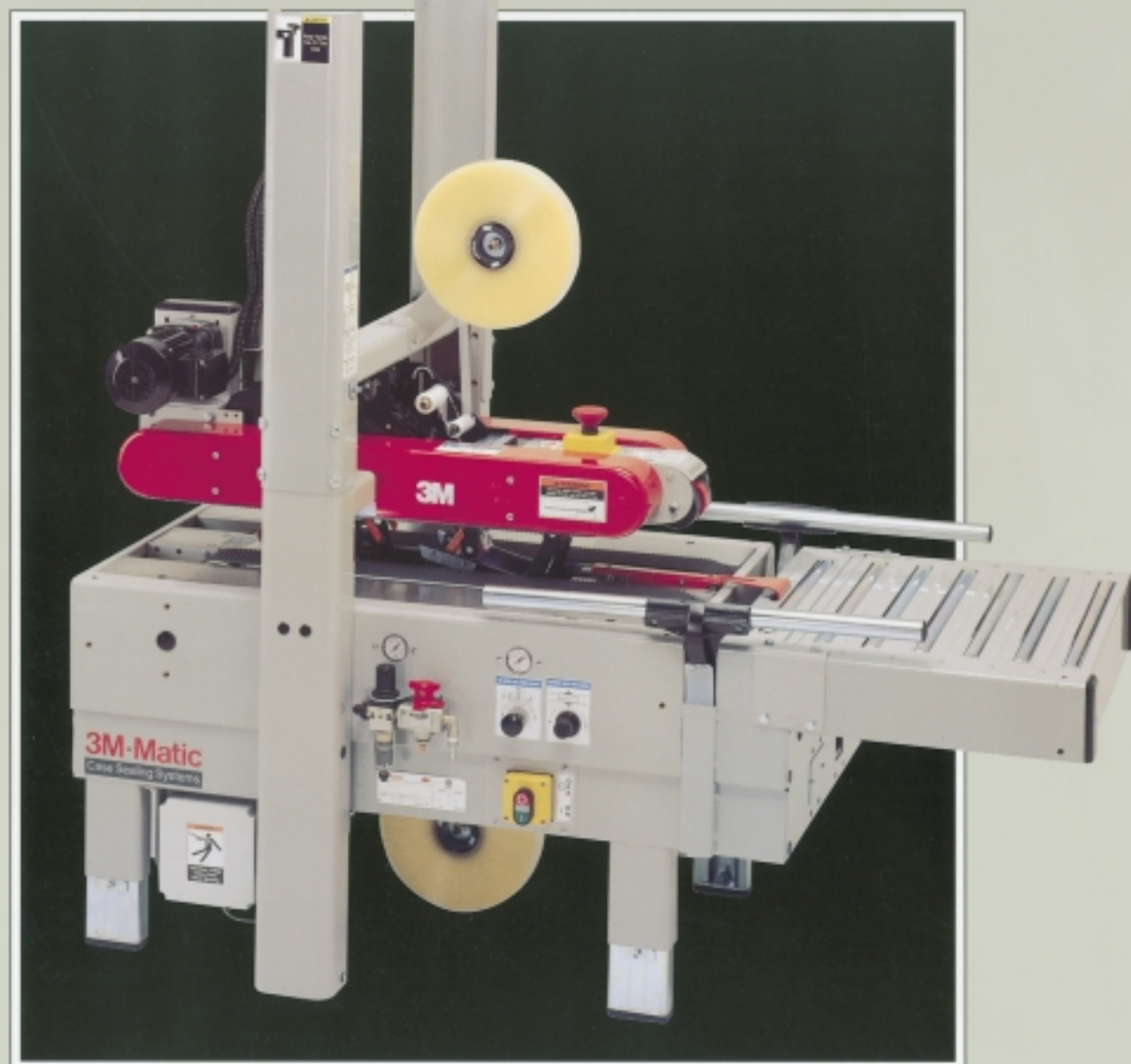
3M. A part will be presumed to have become defective after its warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M, at its option, will 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™ 700r Random Case Sealer

Versatility by design



Masking and Packaging Systems Division

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



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

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3M Packaging

3M-Matic™ 700r Random 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. 3M's new generation of case sealers is designed to meet both.

Our new case sealing machines are specially designed to be versatile, effective and productive. They're sturdy, compact and easy to install. The new AccuGlide™ II Taping Head and unique alternate outboard tape roll mount represent 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.

Ideal for a variety of box sizes, the versatile 3M-Matic 700r Random Case Sealer seals up to 15 cases per minute, automatically adjusting to each box's height and width. The patented AccuGlide II Taping Head precisely applies a full range of Scotch™ brand box sealing tapes. The pneumatically operated packing station holds empty cases for filling and automatically centers them for sealing. Both taping heads can be removed easily for cleaning and maintenance.

Upper mast travel can be restricted during long runs of similar size cases to improve productivity. Additionally, a repositionable upper mast collar lock enables fast, precise sealing of runs of uniform RSCs. A gearmotor drive provides heavy-duty performance. And the functional design saves floor space.

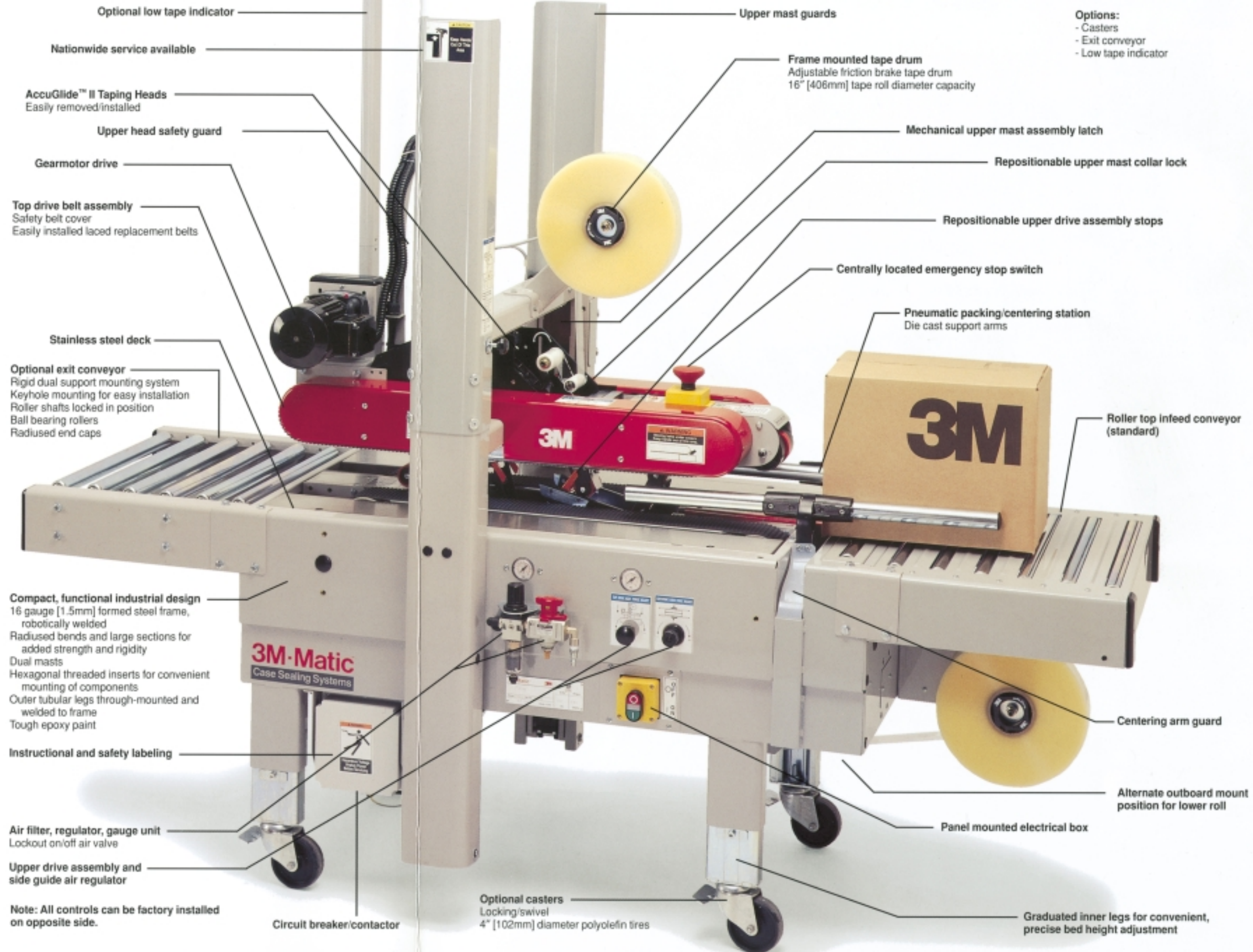
Standard features include a pneumatic packing station, an upper tape roll bracket attached to the machine for easier tape mounting, friction brake drums to prevent tape overrun and provide more consistent tape application, an easy-to-reach alternate outboard tape roll mount for the lower head, and easy-to-install laced replacement belts. Safety features include a centrally located emergency off switch, upper belt guards, knife guard, safety labeling and a newly designed packing station that includes a safety conveyor and centering arm guard.

Additional features are available as options. To find out how versatile the 3M-Matic 700r Random Case Sealer really is, see your nearest 3M sales representative or contact your local 3M-Matic distributor.



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. Provides positive tape starting and precise tape application. The top head floats smoothly and easily to adjust for overpacked boxes. Applies standard 2.75 inch [70mm] tape leg lengths. Can be converted to apply 2.00 inch [51mm] leg lengths. And a built-in blade oiler helps prevent adhesive buildup. The head comes with a three year guarantee.



- Options:**
- Casters
 - Exit conveyor
 - Low tape indicator

Optional low tape indicator

Nationwide service available

AccuGlide™ II Taping Heads
Easily removed/installed

Upper head safety guard

Gearmotor drive

Top drive belt assembly
Safety belt cover
Easily installed laced replacement belts

Stainless steel deck

Optional exit conveyor
Rigid dual support mounting system
Keyhole mounting for easy installation
Roller shafts locked in position
Ball bearing rollers
Radiused end caps

Upper mast guards

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

Mechanical upper mast assembly latch

Repositionable upper mast collar lock

Repositionable upper drive assembly stops

Centrally located emergency stop switch

Pneumatic packing/centering station
Die cast support arms

Roller top infeed conveyor (standard)

Centering arm guard

Alternate outboard mount position for lower roll

Panel mounted electrical box

Graduated inner legs for convenient, precise bed height adjustment

Optional casters
Locking/swivel
4" [102mm] diameter polyolefin tires

Circuit breaker/contactator

Note: All controls can be factory installed on opposite side.

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
Hexagonal threaded inserts for convenient mounting of components
Outer tubular legs through-mounted and welded to frame
Tough epoxy paint

Instructional and safety labeling

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

Upper drive assembly and side guide air regulator