

3M-Matic™ Adjustable Case Sealer 110a

Specifications:

Box:

Style: Regular slotted container (RSC)

Size:	Min	Max
Length	6" (150 mm)	No limit
Width	6" (150 mm*)	22.5" (575 mm)
Height	3.5" (90 mm)	22.5" (575 mm)

Note: Cartons smaller than 9.2" (235 mm) in width may require more frequent belt replacement because of limited contact area.

Box weight (filled): 5 lbs. (2.3 kg) to 65 lbs. (29.5 kg).

Contents must support flaps.

Note: The 3M-Matic™ 110a can accommodate most boxes within the size range listed above.

However, if

Box length in Direction of Seal is less than $.75 \times$
Box Height

boxes should be test run to ensure proper machine performance.

Tape:

3M pressure sensitive box sealing tapes.

Width: 36 mm minimum to 48 mm maximum.

Roll diameter: up to 405 mm maximum on a 76.2 mm diameter core.

Machine:

Power: Electrical — 115 V, 60Hz, 2.8A single phase.

Other voltages are available regionally.

Weight:

291 lbs. (132kg) crated

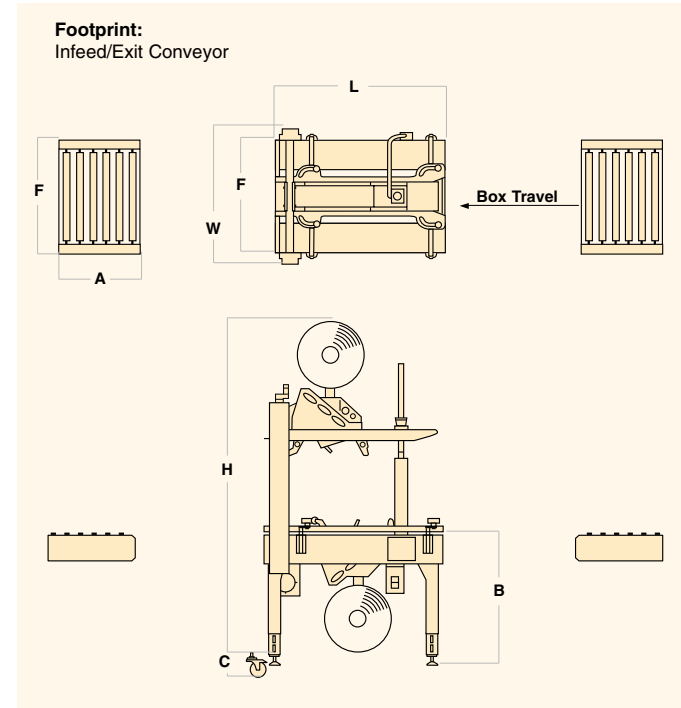
211 lbs. (96kg) uncrated

Operating rate: Up to 30 cases per minute depending on box length.

Box drive belt speed: 108 f/s (33 m/s)

Operating conditions: Use in dry, relatively clean environments at 41°F (5°C) to 104°F (40°C) with clean, dry boxes.

Machine should not be washed down or subjected to conditions causing moisture condensation on components.



	W	L	H	A*	B	C*	F
Min inches (mm)	29(738)	38 (965)	53.8 (1365)	17.75 (440)	22.5** (572)	4.8 (121)	24.5 (625)
Max inches (mm)	29(738)	38 (965)	82** (2083)	17.75 (440)	33.5** (851)	4.8 (121)	24.5 (625)

*Infeed/Exit conveyors are optional

** 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.

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3M-Matic™ Adjustable Case Sealer 110a



*The affordable
productivity
improvement
for light duty
applications*



3M-Matic™ Adjustable Case Sealer 110a... affordable productivity

The 3M-Matic™ Adjustable Case Sealer 110a is the affordable next step when your packaging volume exceeds the production limits of manual case sealing or you need back-up for small runs, overruns, or seasonal surges.

Case size capacity is among the greatest of any case sealer in its category. And a sealing rate of up to 30 cases per minute increases productivity for both single and double shift operations.

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

Easily adjust for height and width on cases as small as 3.5" high x 6" wide and as large as 22.5" x 22.5".

Sturdy construction easily handles case weights from 5-65 lbs.

Compact footprint saves floor space. Optional casters easily allow you to move the machine where needed.

3M™ AccuGlide™ Taping Head 2+

The industry-proven design features 3M patented curvilinear motion for low impact forces that helps protect your carton and contents. Even lightweight cartons are securely and carefully sealed. And now there are *pluses*:

- Easy threading with an open tape path, lower profile side plate, and improved instructional labeling
- Latching tape drum to secure tape roll for stable alignment
- Lighter weight for easier handling



Box Capacities
Length: 6" to no limit
Width: 6" to 22.5"
Height: 3.5" to 22.5"

- Height crank**
- Simultaneously adjusts both side masts for uniform height control
 - Can be repositioned on either side for convenient access and line changes

- Dual masts**
- Provides greater stability for taping head

- Case size capacity**
- Among the greatest range of sizes and shapes compared to other case sealers in the category

- Industrial-duty construction**
- 16 gauge formed steel frame, robotically welded
 - Tough powder epoxy paint with textured finish for long life

- Sturdy bottom belt drive**
- Traction-grip surface on belts for reliable feeding of wide range of case weights
 - Laced drive belts for ease of replacement

- Reliable motor drive**
- 0.13 KW to handle cases up to 65-lb. cases

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

- Panel mounted on/off switch**
- Can be repositioned on either side for convenient access and line changes

- Tape drum latch**
- Secures tape roll for stable tape mounting

- Adjustable friction brake drum**
- Up to 16" tape diameter
 - Designed for use with a full range of Scotch® Box Sealing Tapes in 36 mm to 48 mm widths

- Centrally-located emergency stop**
- Easily accessible e-stop
- Independently-mounted side guides**
- Keeps cases centrally positioned under the taping head
 - Adjust for wide box width range

- Optional infeed/exit conveyor**
- Ball bearing rollers for smooth box conveying

- Optional top flap compression rollers (not shown)**
- Positions and closes flaps before taping for an improved seal
 - No gaps between flaps

