

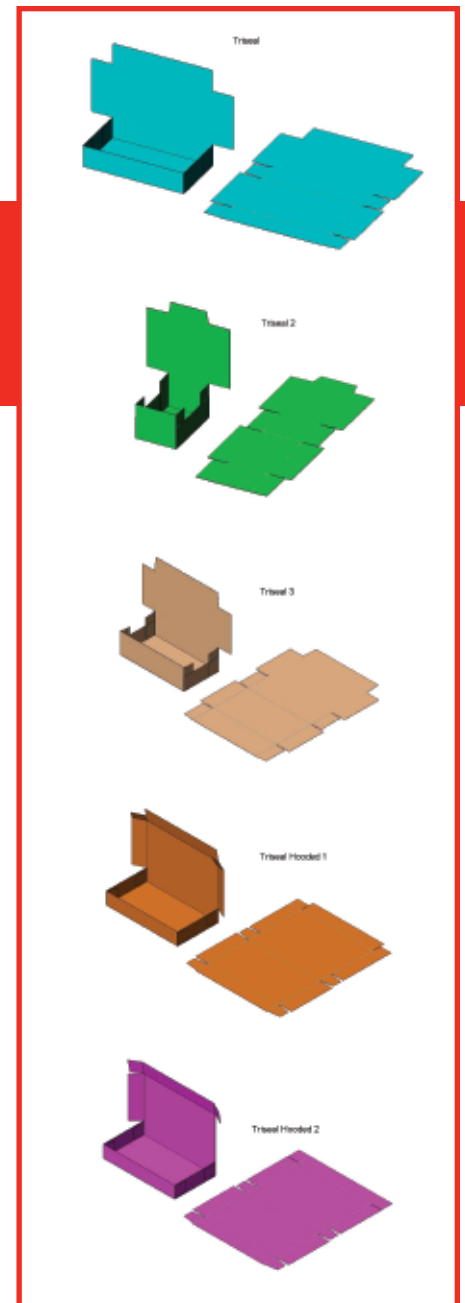
Doboy 840 Tri-Seal Automatic Carton Closer

Provides hot melt carton sealing for high productivity at 60 cartons per minute



FEATURES:

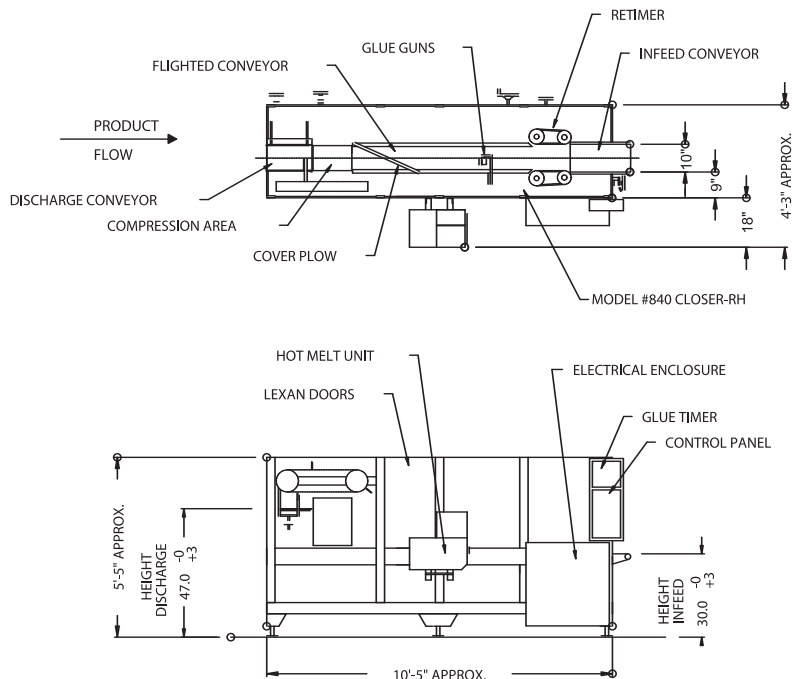
- Welded bar stock steel frame to assure permanent component alignment and minimal vibration.
- All-mechanical design assures constant timing relationship between all motions, timing dial reference simplifies set up and maintenance.
- Linear ball bushings and Rockwell hardened shafts to minimize friction, maximize efficiency and component life.
- Open frame construction for easy maintenance, cleaning and adjustment access.
- Safety interlocks on all hinged doors to minimize personnel hazards.
- Automatic overload protection and "intime" restart avoids component damage.
- Quick adjustments, reference scales, jig drilling and factory pinning of assemblies for quick and simple size changeovers.
- Double flight transport for square cartons.



The Doboy 840 Tri-Seal Automatic Carton Closer handles cartons with a major flap inside and top seal closure.

Tri-Seal Automatic Carton Closer

TECHNICAL DATA:



Production Speed: Up to 60 cartons per minute.

Specific Power and Air Requirements

230 volt, 60 hertz, 3 phase, 80 psi
 460 volt, 60 hertz, 3 phase, 80 psi
 NEMA 12
 NEMA 4
 Controls at 115 volts

Pneumatic: 80 PSI supply pressure

Mechanical Dimensions:

Length 3175 mm / 125 inches
 Input height: 762 mm (+/- 76.2 mm)
 30 inches (+/- 3 inches)
 Exit height 1194 mm (+/- 76.2 mm)
 47 inches (+/- 3 inches)

Carton discharge height varies with the carton height

CARTON CLOSING SEQUENCE

Properly filled cartons are received onto the infeed conveyor of the 840 with all flaps vertical. The leading carton is retimed into the closer. The carton is advanced, hot melt adhesive is applied to the flaps, and they are guided down. The carton is raised into compression, squared and the flaps permanently sealed against the carton. The closed carton is discharged and ready for packing.

CARTON SIZE RANGE:

	Minimum	Maximum
Length:	101.6 mm (4 inches)	304.8 mm (12 inches)
Width:	47.6 mm (1 7/8 inches)	228.6 mm (9 inches)
Height:	50.8 mm (2 inches)	127 mm (5 inches)

CONTROLS:

- Additional emergency stop station
- Auto demand photo eye
- Non-attendant package (includes alarm, beacon, door open, overload, and malfunction pilot lights)

AVAILABLE OPTIONS:

- Heavy duty casters
- Cluster lubrication manifold (copper feed tubing)

Speed is dependent on carton material and size. Check with your sales support to determine maximum cycle speed for your application. Technical information subject to change without notice.

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