

Kliklok Smart-3 Lugless Carton Closer.

SEALING OF 3-FLAP CARTONS AT 120 CPM

The Kliklok Smart-3 lugless carton closer is ideal for the hot-melt glue sealing of hinge cover, 3-flap toplead cartons. With speeds up to 120 cartons per minute, this compact closer offers an economical space-saving solution. The innovative in-line carton pivot turning bed ensures simple and reliable carton handling in minimum length.

STAINLESS STEEL CONSTRUCTION

The Smart-3 closer has a rigid, robust, corrosion-resistant stainless steel construction, to comply with the most demanding dry or wet production environments. Where washdown is required, the Smart-3's electrical cabinet is rated NEMA 4X, whereas the machine is IP54.

HOT-MELT GLUE SYSTEM

The Smart-3 closer is fitted with a hot-melt glue system, with nozzle type application for accurate and consistent closure.

EASY OPERATION WITH INSIGHT® TOUCHSCREEN HMI

The Insight® color graphic touchscreen HMI is intuitive and features recipe-based programming that reduces operator error and ensures consistent performance regardless of shift or operator skill. Enhanced diagnostics are standard.

RANDOM CARTON INFEEED

Independently driven infeed metering wheels allow the Smart-3 to accept a random flow of cartons from upstream product loading equipment, improving efficiency and simplifying line integration.

LUGLESS DESIGN

A simplified lugless design eliminates carton carrying lugs, driven chains, mechanical transfers and timing flaps. Instead, reliable VFD motors directly drive durable, easy replaceable, high-friction belts to quietly convey cartons through the machine to effectively reduce any carton marking and product damage.

EASY, THREE-DIMENSIONAL SIZE CHANGE

Automatic program set-up and a simple mechanical hand-wheel with digital indicators make size change achievable in less than ten minutes – a quick and easy changeover, with minimal downtime.

Your benefits

- ❑ Lugless design for efficient carton carrying
- ❑ Easy size change
- ❑ Generous carton size range



Packaging Line Structure.

Primary Packaging			Product Handling		Secondary Packaging			
Vertical Bagmaker	Horizontal Wrapper	Cup Filler	Pick and Place Robotics	Product Timing/ Loading	Topload Cartoner	Endload Cartoner	Wrap-around Cartoner	Case Packer

Kliklok Smart-3 Topload Carton Closer

Standard Features

- ❑ Predominantly stainless steel construction
- ❑ IP54 rating
- ❑ Lugless design
- ❑ Small machine footprint
- ❑ Color touch screen operator interface
- ❑ Cantilevered overhead assembly
- ❑ Digital indicators for easy size change
- ❑ Roller compression
- ❑ Carton transport via durable twin urethane belts
- ❑ Straight line, 90 degree carton turner
- ❑ Hot-melt glue system
- ❑ Fast and simple size change
- ❑ Minimal maintenance
- ❑ CE compliant
- ❑ Cover left or cover right carton orientation

Optional Features

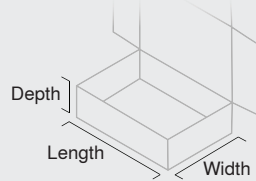
- ❑ Hood cover closure
- ❑ Modifications for special carton shapes
- ❑ Casters for portability
- ❑ Alternative electrical packages
- ❑ Automatic lubrication
- ❑ VPN connection

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Technical Specifications

Performance	min.	max.
Speed (cartons per minute)	30	120
<small>Actual speed depends upon machine configuration and carton size and style. Ask Kliklok about meeting higher speed requirements.</small>		
Carton Size Range	min.	max.
Length	95 mm (3.75")	380 mm (15.00")
Width	95 mm (3.75")	305 mm (12.00")
Depth	25 mm (1.00")	127 mm (5.00")
<p>An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system.</p> 		

Operating Requirements

Power Rating	400 VAC / 480 VAC, 50/60 Hz
Air	80 liters/min (2.8 cfm) 5.5 bar (80 psi)

Construction

Stainless steel frame and shafts. Clear polycarbonate guards. Nickel-plated chains, pulleys and sprockets. Anodized aluminum.

Shipping Weight, Estimated	1134 kg (2500 lb)
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