

Kliklok Prima Endload Cartoner.

SHORT FLIGHT PITCH FOR SMALL CARTONS.

The Kliklok Prima is a short flight endload cartoner, offering speeds of up to 360 cartons per minute, depending on pitch configuration and machine specification. The Prima's compact size and robust stainless steel construction make it ideally suited for the food sector where sanitation demands are high. Reliable and efficient operation is assured with the industry-leading Kliklok rotary carton feeder and intuitive icon-based operator touchscreen.

SERVO DRIVEN

This model incorporates servo motors to replace mechanical drive mechanisms throughout the machine. This minimises moving parts and enables rapid, repeatable semi-automatic size change. It also allows for much higher speeds: up to 360 cartons/min. on a 6" pitch machine.

POWERED CARTON HOPPER

The Prima features a large capacity horizontal powered carton hopper, which ensures a positive and consistent supply of cartons to the feeder.

ROTARY CARTON FEEDER

The unique feed geometry erects the carton against the lugs in the direction of travel from the magazine, and provides almost twice the cartoning opening time of competitive systems. This feature ensures a more progressive and positive opening of the carton, plus the ability to run a wide range of carton sizes at much higher speeds.

BARREL CAM (PISTON) PRODUCT INSERTION

This offers progressive product placement for maximum carton/product control, with an intelligent abort system, minimising product damage and reducing carton waste. Piston insertion is best suited for applications where the product is tall, stacked or unstable.

INTERACTIVE COLOR TOUCHSCREEN

The color touchscreen is simple to learn and operate, using icon-based intuitive controls. It offers superior troubleshooting capability, advanced diagnostics with shift performance data as well as optional digital manuals and operator training videos. The touchscreen also provides information to facilitate easy, repeatable machine set up and adjustment.

Your benefits

- ❑ Speeds up to 360 cartons/min
- ❑ Patented rotary carton feeder
- ❑ Servo driven
- ❑ Icon-based color touchscreen HMI
- ❑ Powered carton hopper



Packaging Line Structure.

Primary Packaging

Vertical Bagmaker

Horizontal Wrapper

Cup Filler

Product Handling

Pick and Place Robotics

Product Timing / Loading

Secondary Packaging

Topload

Endload

Wraparound

Case Packers

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Standard Features

- ❑ 6" pitch
- ❑ Stainless steel construction
- ❑ Piston style product inserter with controlled abort system
- ❑ Powered high capacity carton hopper
- ❑ Patented rotary carton feeder
- ❑ Interactive color touch screen
- ❑ Status beacon
- ❑ Rapid and repeatable size change
- ❑ Electronic carton control
- ❑ Downstream jam sensor
- ❑ Hot melt glue jet system
- ❑ Powered outfeed belts
- ❑ Allen-Bradley control system
- ❑ CE compliant

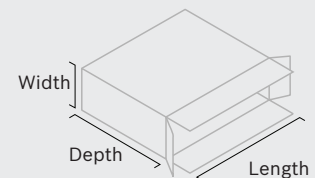
Optional Features

- ❑ Opposite hand version
- ❑ Larger HMI screen
- ❑ Boom operator station
- ❑ Centralized automatic or manual lubrication
- ❑ Network connectivity and data acquisition
- ❑ Integrated open carton flap detect/reject system
- ❑ Ink or deboss coding
- ❑ On-screen manuals & training videos
- ❑ Alternative closing methods
- ❑ Siemens control system

Technical Specifications

Performance	min.	max.
Speed (cartons per minute)	40	360
<small>Actual speed depends upon machine configuration and carton size and style.</small>		
Carton Size Range	min.	max.
Length	40 mm (1.56")	120 mm (4.75")
Width	13 mm (0.50")	60 mm (2.38")
Depth	56 mm (2.19")	249 mm (9.81")

An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system.



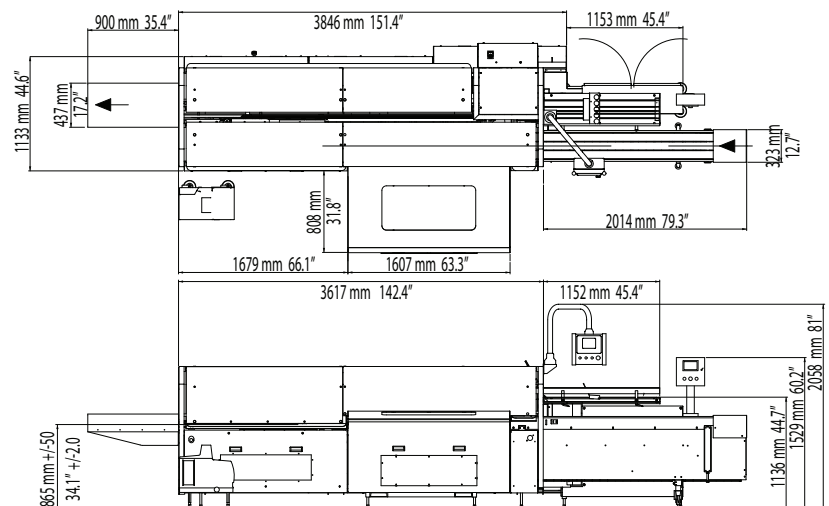
Operating Requirements

Power Consumption	8 kVA
Air	20 L/min (0.7 cfm) 4 bar (58 psi)

Construction

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

Shipping Weight, Estimated	1600 kg (3252 lb)
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