

Kliklok Enterprise Endload Cartoner.

HIGH SPEED, HIGH PERFORMANCE.

The Kliklok Enterprise features the fastest rotary carton feeder in the industry, and can package a wide variety of foods: frozen entrees, waffles, meats, pies, cakes, etc., at speeds up to 325 cartons per minute. It is designed to accommodate an optional overhead confiner for bag-in-box applications. Its modular design allows a variety of product conveying systems, including an article bucket infeed.

The Enterprise was designed with centerlining capabilities for “set it and forget it” predictable and consistent performance. Product and equipment changeovers are faster. Unplanned downtime and material waste are reduced.

MODULAR, FLEXIBLE-CONFIGURATION IP65 FRAME

The tubular stainless steel frame with angled surfaces provides no place for debris to accumulate and is IP65 washdown rated. The modular design allows multiple infeed configurations and other options, including an adjustable article bucket and an overhead confiner for bag-in-box applications.

FASTEST ROTARY CARTON FEEDER AVAILABLE

Kliklok’s patented rotary carton feeder is the fastest, most positive in the industry. The straight-pick motion reduces wear on suction cups and short, rigid bars minimize deflection. The servo motion profile erects cartons in the direction of product flow with a 30% greater carton-open time.

EASY OPERATION WITH INSIGHT® TOUCHSCREEN HMI

The industry-leading 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.

CENTERLINE DESIGN FOR MAXIMUM UPTIME

Designed from the ground up to help end users achieve predictable and consistent performance, all set points are clearly marked to help establish optimal settings for faster changeovers and less downtime and waste.

BARREL CAM INSERTER WITH GENTLE INSERTION ANGLE

The all-new design features a gentle angle of insertion for better control of a variety of products at high speed. Dual jam protection protects the machine and provides easy clearing of the occasional jam.

Your benefits

- ❑ Speeds up to 325 cpm (9” pitch)
- ❑ Fastest rotary carton feeder in the industry
- ❑ Easy-to-use Insight® touchscreen HMI
- ❑ Sanitary stainless steel design (IP65)
- ❑ Optional overhead confiner for bag-in-box lines
- ❑ Optional article bucket infeed



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

Kliklok MEC Midrange Endload Cartoner

Standard Features

- ❑ Heavy-duty, fully-welded, stainless steel, angled-surface washdown frame (IP65 standards)
- ❑ Ergonomic design for outstanding operator access
- ❑ Powered 6' (1.83 m) carton hopper
- ❑ Patented servo-driven rotary carton feeder
- ❑ Independently-servo-driven flight chains
- ❑ Barrel-cam product inserter with jam protection
- ❑ Digital proportional glue regulator
- ❑ Corrosion-resistant nickel-plated chains
- ❑ Insight® color touchscreen icon-based interface
- ❑ Allen-Bradley control system
- ❑ Sanitary washdown wiring
- ❑ Network connectivity and data acquisition
- ❑ Servo-driven semi-automatic carton size adjustment
- ❑ Startup delay horn
- ❑ Light stack

Optional Features

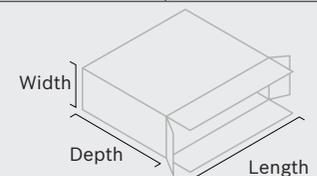
- ❑ Article bucket infeed conveyor
- ❑ Overhead confiner for bag-in-box lines
- ❑ Caustic washdown
- ❑ Trailing minor flap kicker
- ❑ Open flap reject
- ❑ Carton graphic recognition system (visual)
- ❑ Date coding
- ❑ "Slam-shut" product saving device
- ❑ Cluster and central lubrication systems
- ❑ Stainless steel laser-cut "mesh" guarding
- ❑ MPF food-grade servo motors
- ❑ Product reclaim conveyor

Technical Specifications

Performance	min.	max.
Speed (cartons per minute)	25	325 *
* With 9" pitch; 250 cpm with 12" pitch, 180 cpm with 15" pitch. Actual speed depends upon machine configuration and carton size and style.		
Carton Size Range	min.	max.
Length (9" pitch) *	54 mm (2.13")	190 mm (7.50")
Length (12" pitch) **	54 mm (2.13")	264 mm (10.38")
Length (15" pitch) *	54 mm (2.13")	343 mm (13.50")
Width	25 mm (1.00")	100 mm (3.93")
Depth	114 mm (4.50")	343 mm (13.50")

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

Modifications can add *0.5" / **0.625" to the maximum carton length.



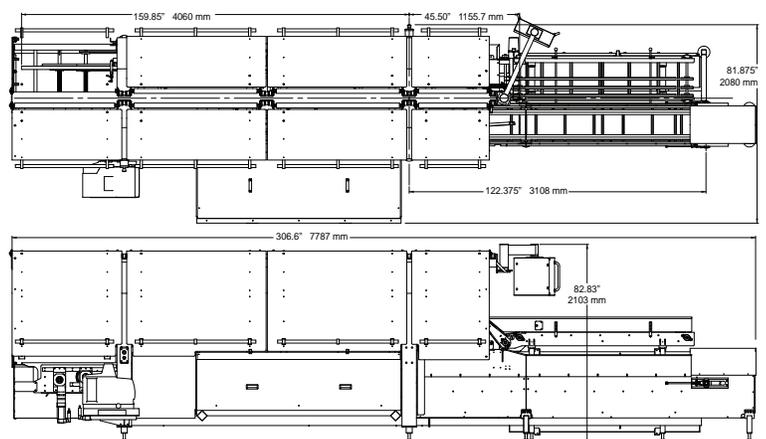
Operating Requirements

Power Supply	400 VAC / 480 VAC, 50/60 Hz
Air	588 L/min (21 cfm) 5.5 bar (80 psi)

Construction

Fully-welded tubular stainless steel frame. Stainless steel shafts. Nickel-plated chains, pulleys and sprockets. Clear polycarbonate guards. Minimal anodized aluminum parts.

Shipping Weight, Skidded	4218 kg (9300 lb)
--------------------------	-------------------



Kliklok LLC, A Syntegon Technology Company
5224 Snapfinger Woods Drive
Decatur, GA 30035 USA

Phone +1 770 981-5200
Fax +1 770 987-7160
Mail 2p.3p@syntegon.com
Web www.syntegon.com/2p

Document PAUS-MKT-00052 Rev 6
Date 06.08.2020