



BOSCH

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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 touch screen.

Servo driven option

Now with the option of a servo driven model, the Prima offers even more choice where high speed and uninterrupted production is essential. This variant incorporates servo motors to replace mechanical drive mechanisms throughout the machine, minimising moving parts and enabling rapid, repeatable semi-automatic size change.

Powered carton hopper

The Kliklok Prima features a large capacity horizontal powered carton hopper: stacked cartons are presented to a gate opening, where vacuum feed arms pluck them and. The powered hopper ensures a positive and consistent supply of cartons to the feeder, allowing fast and easy loading of cartons by the operator.

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 at the same running speeds. 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. It also provides cost savings by reducing carton waste, allowing the use of lower caliber board or aged stock without compromising machine performance.

Barrel cam (piston) product insertion

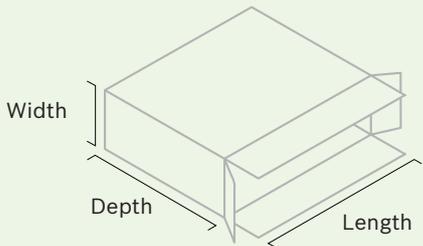
This offers progressive product placement for maximum carton/product control, with an intelligent abort system, minimising product damage and reducing carton waste. Piston insertion is best suited for applications where the product is tall, stacked or unstable.

Interactive color touch screen

A standard feature on the Prima, the color touch screen 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 touch screen also enables accuracy in glue control and application, as well as providing information to facilitate easy, repeatable machine set up and adjustment.

Kliklok PRIMA Endload Cartoner

Technical Specifications

Performance		Carton Size Range	Minimum	Maximum
Production Speed	Variable to 200 cpm*	Length (6" pitch)	40 mm (1.56")	120 mm (4.73")
Actual speed depends on machine configuration, product, and carton size and style. *360 cpm possible with servo-driven machine.		Length (9" pitch)	40 mm (1.56")	190 mm (7.48")
		Width	12 mm (0.47")	75 mm (3.00")
Operating Requirements		Depth	55 mm (2.19")	250 mm (9.84")
Power Consumption	8 kVA	An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system.		
Air	20 liters/min (0.7 cfm)			
	4 bar (58 psi)			
Construction				
Stainless steel frame and shafts. Clear polycarbonate guards. Nickel-plated chains, pulleys and sprockets. Anodized aluminum.				
Shipping Weight, Skidded	1600 kg (3252 lb)			

Standard Features

- ▶ 6" pitch
- ▶ Stainless steel construction
- ▶ One set of change parts
- ▶ 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
- ▶ Nordson hot melt glue system
- ▶ Powered outfeed belts
- ▶ Allen-Bradley control system
- ▶ OMAC PackML compatible
- ▶ CE compliant

Optional Features

- ▶ 9" pitch
- ▶ Servo driven version
- ▶ 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

