

KLIKLOK™ PRIMA End Load Cartoner



BOSCH
Invented for life



Powered carton hopper

The 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.



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.

The Prima is Kliklok's short flight end load 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 both the food sector and the personal care market, where hygiene and sanitation demands are high. Reliable and efficient operation is assured with Kliklok's industry-leading rotary carton feeder and intuitive icon-based operator touch screen.

The Prima offers the highest speeds, easiest changeovers and intuitive controls all supported by Kliklok's reputation for longevity and reliability.

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 caliper board or aged stock without compromising machine performance.

Interactive colour touch screen

A standard feature on the Prima, the colour 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 & application, as well as providing information to facilitate easy, repeatable machine set up and adjustment. The touch screen is programmed to comply with the latest PackML standards.

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.



**Pioneering
Engineering**

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Performance

Speed:

Variable up to 360cpm

Actual speed depends on pitch, specification, product characteristics, carton size & style

Carton Size Range (mm)

Machine Pitch	6"	
	Max	Min
Length	40	120
Width A	12	60
Width B	30	75
Depth	55	250

Operating Requirements

ELECTRICAL:

400V 3 Phase 50HZ plus neutral & earth

Electrical system conforms to HSWA/IEC 201 (EN60204-1)

POWER: 8kW service required

AIR CONSUMPTION: 20litres/in @ 4Bar

Construction

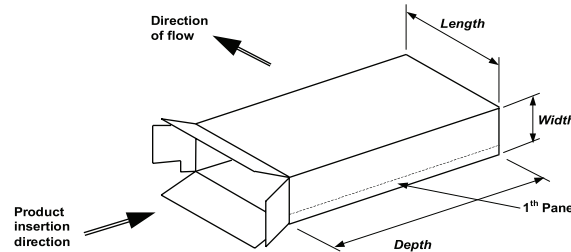
Stainless steel frame.

Clear polycarbonate overhead guards.

Any mild steel parts will be electroless nickel-plated.

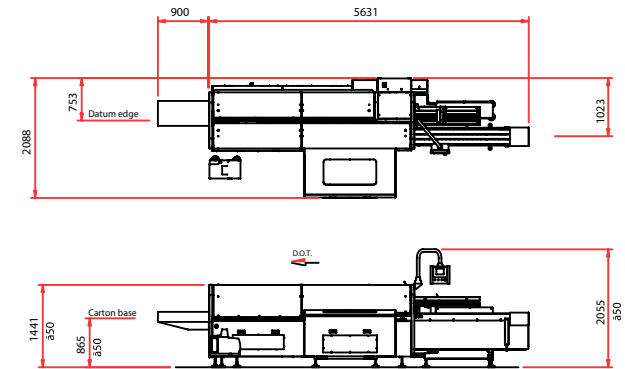
Aluminium parts will be anodised.

Approximate shipping weight: 1600kgs palletised



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 colour touch screen
- Status beacon
- Rapid & 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 Mark



Optional Features

- 9" Pitch
- Servo driven version
- Opposite hand version
- Larger HMI screen
- Boom operator station
- Centralised automatic or manual lubrication
- Network connectivity & data acquisition
- Integrated open carton flap detect/reject system
- Ink or deboss coding
- On-screen manuals & training videos
- Alternative closing methods
- Siemens Control System

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