



BOSCH

Invented for life



Kliklok SFR

Endload Cartoner Small Footprint Rotary Feeder

One of the main features of Kliklok's SFR (Small Footprint Rotary) endload cartoner is its compact design, a great advantage for customers with limited floor space. Its modular design allows a variety of infeed, inserter, and auxiliary equipment options. The SFR's stainless steel construction, high floor clearance, and inner sloping plates (which deflect product or carton waste from the working parts of the machine) make it very easy to clean.

With rated production speeds up to 150 CPM, the SFR offers high productivity in a minimum amount of floor space.

Small, expandable footprint occupies minimal floor space

The SFR's compact design is perfect for those with limited floor space, and its small size allows room for auxiliary equipment, such as open-flap detect/reject modules.

Easy to use with color touchscreen HMI

The touchscreen HMI is intuitive and features recipe-based programming that reduces operator error, ensuring consistent performance regardless of shift or operator skill.

Kliklok rotary carton feeder is the fastest in the industry

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 motion profile erects cartons in the direction of product flow with a 30% greater carton-open time.

Modular design with infeed and product insertion options

The SFR has four infeed and product insertion options to fit your packaging needs. Our barrel cam inserter is paired with a flighted infeed conveyor, while our narrow profile inserter can pair with an open flight conveyor. For integrated product loading we offer an inline Smartbelt infeed and a right angle transfer unit.

Rapid changeover with clearly marked set points

Easy-to-read digital indicators are placed at adjustment points to aid in size change. The indicators enable the operator to easily, accurately and repeatably achieve three-dimensional size changes.

Key Features

- ▶ Speeds up to 150 cpm (12" pitch)
- ▶ Fastest rotary carton feeder in the industry
- ▶ Sanitary stainless steel design
- ▶ IP65 rated
- ▶ Choice of infeed modules
- ▶ Small footprint

Packaging System Structure

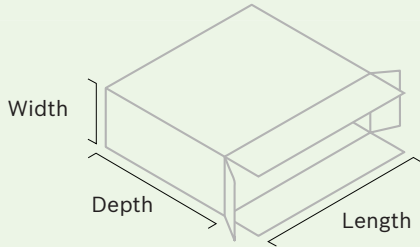
Primary Packaging

Product Handling

Secondary Packaging

Kliklok SFR Endload Cartoner

Technical Specifications

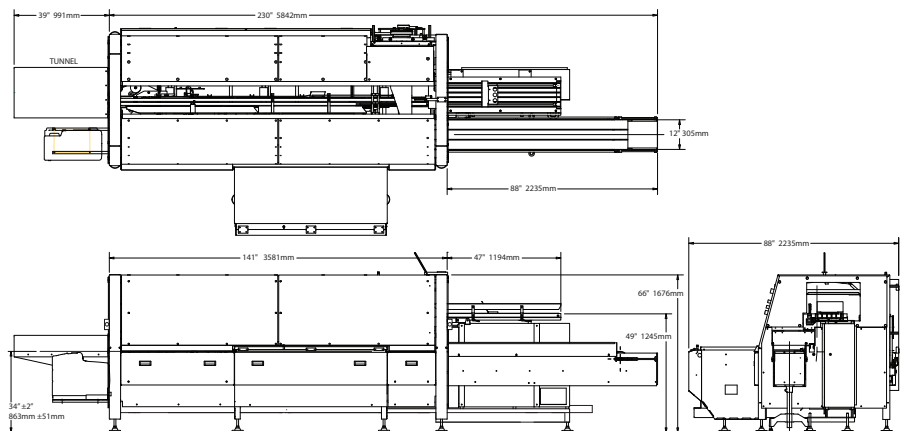
| Performance | | Carton Size Range | Minimum | Maximum |
|--|---|---|-----------------|------------------|
| Production Speed | Variable from 30 to 150 cpm | Length | 50 mm (2.00") | 260 mm (10.25") |
| Actual speed depends upon machine configuration and carton size and style. | | Width | 25 mm (1.00") | 100 mm (3.94") |
| | | Depth | 110 mm (4.33") | 335 mm (13.18") |
| Operating Requirements | | An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system. | | |
| Power Consumption | 28 kVA | | | |
| Air | 520 liters/min (18 cfm) 6.2 bar (90 psi) | | | |
| Construction | |  | | |
| Stainless steel frame and shafts. Clear polycarbonate guards. Nickel-plated chains, pulleys and sprockets. | | | | |
| Shipping Weight | 3250 kg (7165 lb) | | | |

Standard Features

- ▶ Heavy-duty, fully-welded, angled-surface stainless steel washdown frame
- ▶ IP65 rated
- ▶ Patented three-arm rotary carton feeder
- ▶ Barrel-cam product inserter with flighted infeed conveyor
- ▶ Allen-Bradley PanelView HMI
- ▶ Allen-Bradley PLC controls
- ▶ Quick-release feed arms
- ▶ Powered carton hopper
- ▶ Digital settings displays
- ▶ Electronic carton control
- ▶ Total machine accessibility
- ▶ Hot-melt glue system
- ▶ Easy size change
- ▶ CE compliant

Optional Features

- ▶ Opposite hand version
- ▶ Centralized lubrication systems
- ▶ Alternative closing means
- ▶ Open flap detect/reject system
- ▶ Portability kit with casters
- ▶ Narrow-profile inserter with open-flight conveyor
- ▶ Narrow-profile inserter with SmartBelt infeed
- ▶ Integrated right angle transfer infeed (RAT)
- ▶ Alternative flight pitch (9" or 15")
- ▶ Bosch HMI 4.0
- ▶ Overhead product confiner



Bosch Packaging Technology

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