

Kliklok Interceptor Direct-Drop Product Loading

FOR BAG-IN-BOX ENDLOAD CARTONING LINES.

The Interceptor is a product handling machine that uses a rotor vane system to drop products – typically 113 gm (4 oz) or heavier bags of food – into the PIC (Product Infeed Conveyor) flights of endload cartoners.

DIRECT-DROP FROM BAGMAKERS

The Interceptor is designed to have bags deposited directly onto its main conveyor by a bagmaker. It talks to the cartoner and the bagmaker to properly adjust launch belt speed and drop timing.

PRODUCT ABORT

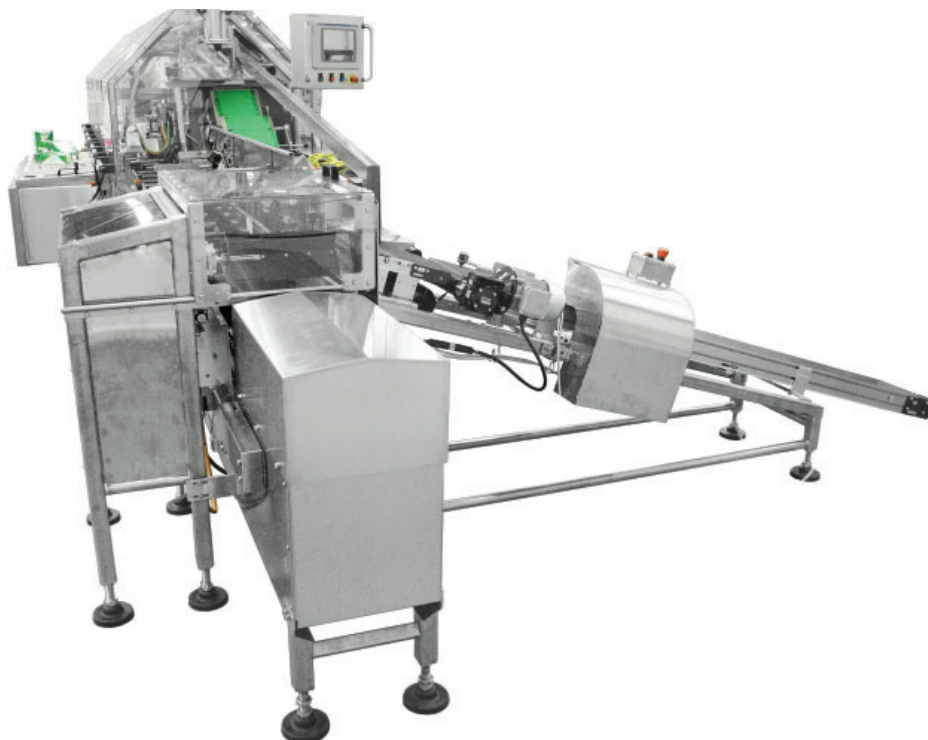
The abort system on the Interceptor ensures that only correctly positioned products (for example, no doubled-up bags) are loaded. The pre-rotor abort chute ensures no machine stop is required, so continuous production is maintained.

OPTIONAL SERVO PHASING BELT FOR HIGHER SPEEDS

Increase the Interceptor's speed to 120 ppm with an additional servo-driven phasing belt, which adapts the speed and spacing of products for accurate timing to the rotor vanes.

Your benefits

- ❑ Speeds up to 120 products/min
- ❑ Controls integrated in cartoner's HMI
- ❑ Easy size change
- ❑ Stainless steel design
- ❑ IP65 rated



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 Interceptor Product Timing and Loading

Standard Features

- Open hygienic design
- Stainless steel construction (IP65)
- Product sensors for over-feed and over-length
- Built-in aborted product collection chute
- Single-stage drop rotor set with three-position rotors
- Simple rotor width adjustment using lead-screw and digital indicator
- Integration of controls and recipe selection into HMI of cartoner
- Sliding access door to rotor vanes
- Infeed and launch belt safety covers

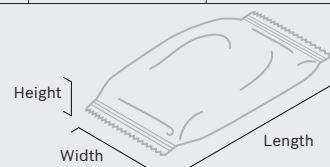
Optional Features

- Servo phasing belt for 120 cpm
- Two-tier option for stacked product
- Settler infeed conveyor option for compacted, slower-speed product (eg, oat meal)
- Rotor vane bypass chute
- Multiple system setup

Technical Specifications

Performance	min.	max.
Speed (products per minute)	0	120
Product Size Range	min.	max.
Length	127 mm (5.00")	305 mm (12.00")
Width	63 mm (2.50")	185 mm (7.28")
Height	20 mm (0.78")	95 mm (3.75")
Product Weight	113 gm (4 oz)	1 kg (2.2 lb)

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



Operating Requirements

Power Supply	400 VAC / 480 VAC, 50/60 Hz
Air	85 L/min (3 cfm) 5 bar (75 psi)

Construction

Stainless steel frame, shafts, and guides. Clear polycarbonate guards. Other fabricated components are generally stainless steel, anodized aluminum, or made of composite materials.

Shipping Weight, Estimated 430 kg (950 lb)

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