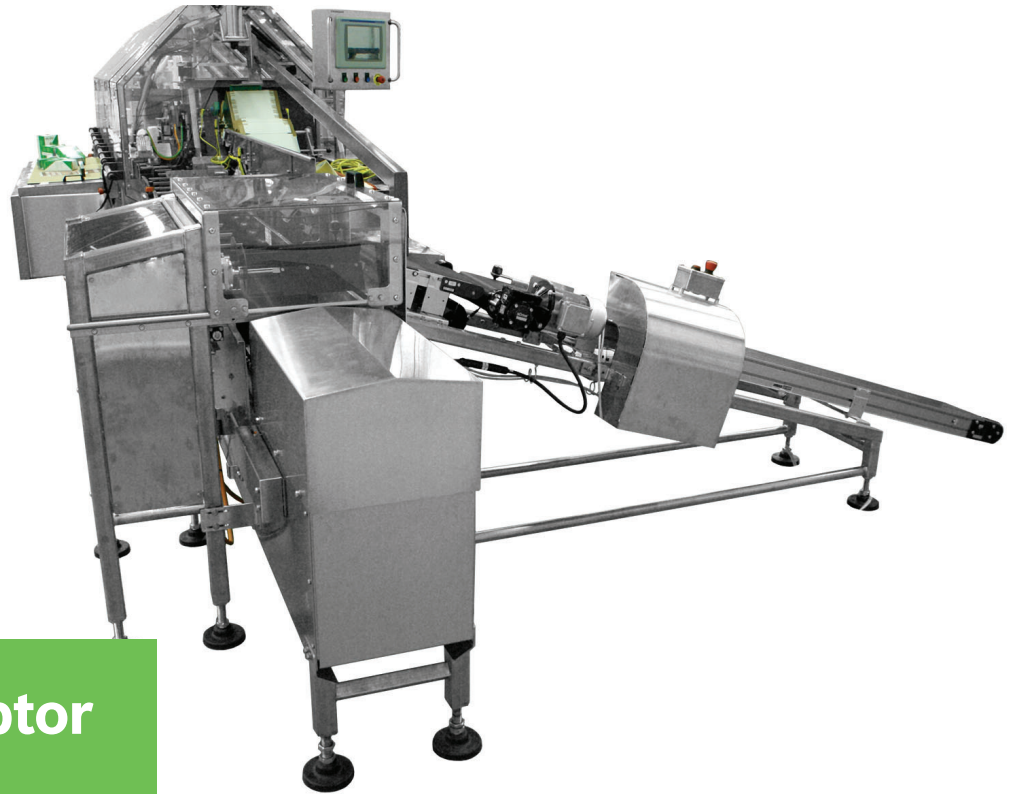




BOSCH

Invented for life



Kliklok Interceptor

Direct-Drop Product Timing and 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.

Key Features

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

Packaging System Structure

Primary Packaging

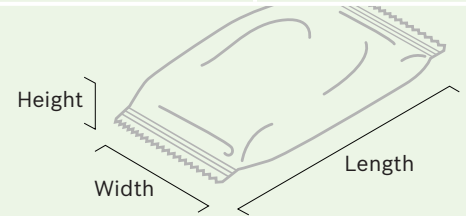
Product Handling

Secondary Packaging

Kliklok Interceptor Direct-Drop Product Loading

Technical Specifications

Performance		Product Size Range	Minimum	Maximum
Production Speed	Variable to 80 products/min	Length	127 mm (5")	305 mm (12")
Actual speed is controlled by cartoner and will vary according to pitch and product characteristics.		Width	63 mm (2.5")	185 mm (7.28")
		Height	20 mm (.78")	95 mm (3.75")
Operating Requirements		An individual product combining multiple minimum or maximum dimensions may not be compatible with the standard system.		
Power Consumption	25 kVA			
Air	85 liters/min (3 cfm)			
	5 bar (75 psi)			
Construction		Shipping Weight, approx. 430 kg (950 lb)		
Stainless steel frame, shafts and guides. Clear polycarbonate guards. Other fabricated components are generally stainless steel, anodized aluminum, or made of composite materials.				

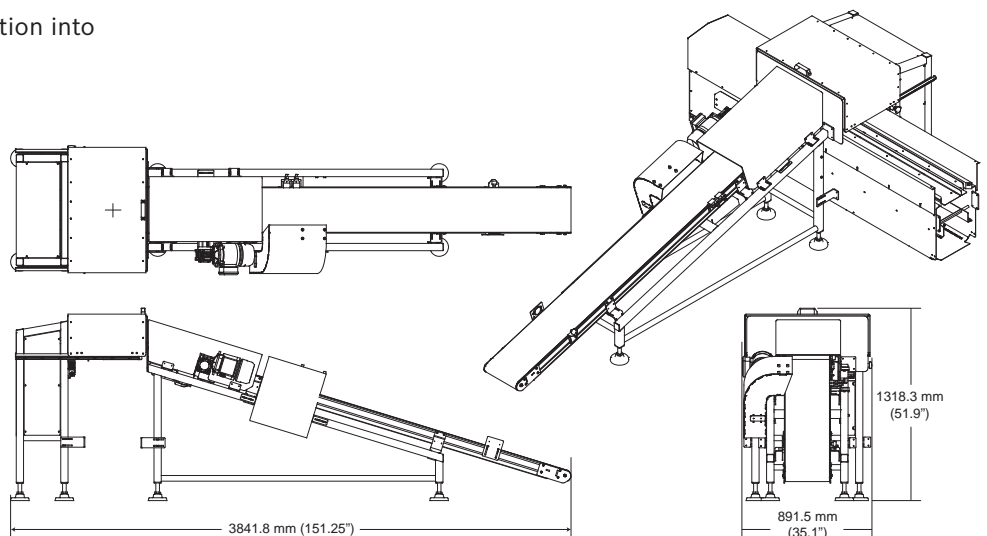


Standard Features

- ▶ Open hygienic design
- ▶ IP65 standards
- ▶ 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
- ▶ Settler infeed conveyor option for compacted, slower-speed product (eg, oat meal)
- ▶ Rotor vane bypass chute
- ▶ Multiple system setup



Bosch Packaging Technology

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