

# Kliklok SIPTU Smartbelt Timing System.

MULTI-STAGE SMOOTH INTELLIGENT PRODUCT TRANSFER UNIT.

The Kliklok SIPTU automatically times and places randomly arriving product into endload cartoning product infeed conveyors (PICs). Independently driven and controlled, it forms an integrated part of the PIC, offering layout flexibility and simple interface with Kliklok endload cartoners. It is especially well-suited for difficult products and frozen (often slippery) products. The SIPTU smoothly corrects product positioning by making several placement adjustments across four phasing belts. This allows for higher production speeds with accurate placement.

## WIDE, HIGH GRIP BELTS

Flat product transport belts provide a large contact area for maximum traction and positive product handling in frozen food applications.

## FOUR-STAGE SMART PHASING

Independent servo-controlled belts are used to incrementally correct product position for gentle, positive placement into an endload carter's infeed flights. The smooth motion eliminates product slippage.

## EASY OPERATION WITH TOUCHSCREEN HMI

The color graphic touchscreen HMI is intuitive and features recipe-based programming. Automatic programming that reduces operator error and ensures consistent performance regardless of shift or operator skill.

## SANITARY STAINLESS STEEL CONSTRUCTION

Constructed of stainless steel and durable components in a modest footprint, the SIPTU is rated IP65 for tough environments.

## Your benefits

- ▣ Speeds up to 270 products/min
- ▣ Wide, high-grip belts for maximum control
- ▣ Stainless steel washdown design (IP65)



# 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 SIPTU Smartbelt Timing System

## Standard Features

- Stainless steel construction (IP65)
- Servo-driven (6-axis)
- Insight® color touch screen icon-based HMI

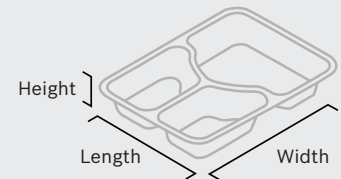
## Optional Features

- Easy clean – self cleaning water wash with quick drying belts
- Portability kit
- Riser kit
- Small product transfer
- Speed options with more/fewer phasing belts

## Technical Specifications

Performance	min.	max.
Speed (products per minute)	30	270
Product Size Range	min.	max.
Length	40 mm (1.50")	252 mm ( 9.94")
Width	55 mm (2.19")	305 mm (12.00")
Height	12 mm (0.50")	90 mm ( 3.50")

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



## Operating Requirements

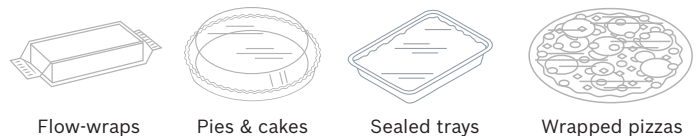
Power Supply	400 VAC / 480 VAC, 50/60 Hz
Air	n/a

## Construction

Stainless steel frame.

Shipping Weight, Skidded 694 kg (1630 lb)

## Compatible Products in Primary Packaging



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