

Kliklok TRAC Transfer Right-Angle Collator.

PRODUCT COLLATION AND TRANSFER, WITH OPTIONAL STACKING.

The independently-driven TRAC (Transfer Right-Angle Collator) provides collation and transfer of products into the continuously running PIC (Product Infeed Conveyor) of endload cartoners.

The servo design, stainless steel construction, and compact footprint provide layout and application flexibility. Special configurations allow cost-effective high-speed product stacking and grouping.

RANDOM INFEED WITH SMARTBELT ADJUSTMENT

Products arriving at random pass over a two-stage smartbelt system, which adapts the speed and spacing of products for accurate timing to the overhead sweep assembly.

PRODUCT LENGTH CHECK AND ABORT

The abort system on the TRAC ensures that only correctly positioned and in-time products are loaded. The pass-through abort feature ensures no machine stop is required, so continuous production is maintained.

COLLATION AND TRANSFER

The TRAC collates and transfers products into the PIC flights of an endload cartoner. Products may be swept individually or collated side-by-side or end-to-end.

COMPACT DESIGN

The small, efficient footprint of the TRAC makes integration easy even in production environments where space is limited. Right-angle and straight-line configurations provide layout flexibility.

STACKING CAPABILITY

The TRAC provides a cost-effective product stacking option. Available in straight-line or 90-degree configurations, the "Stacking-TRAC" accepts products delivered at random and transfers them to a servo-controlled elevator which stacks up to four products at high speed for transfer to an endload cartoner's Product Infeed Conveyor.

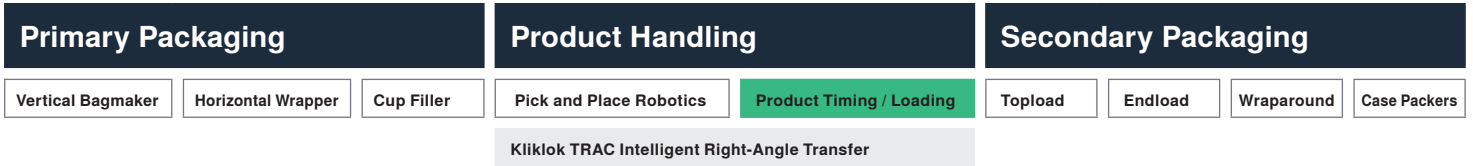
Your benefits

- ▣ Speeds up to 150 products/min
- ▣ Side-by-side and end-to-end collating
- ▣ Stacking options
- ▣ Product length check with abort
- ▣ Easy size change
- ▣ Stainless steel design (IP65)



Note: UK-built machine shown.

Packaging Line Structure.



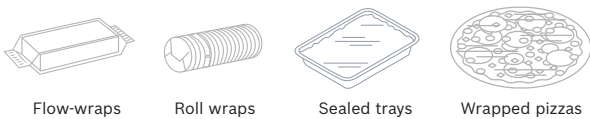
Standard Features

- Heavy-duty stainless steel construction (IP65)
- Servo-driven
- Side-by-side and end-to-end collating
- Accommodates round and rectangular products
- Product length check with abort
- Highly adaptable for new products
- Intelligent jam detection and abort
- Easy size change
- Large size range
- Hygienic easy-clean design

Optional Features

- Alternative flight center/pitch versions
- IP65 infeed conveyor motor
- Stacking-TRAC version
- Low-friction infeed conveyor
- Opposite-hand version
- Straight-line version
- Stacking ability of 1 to 4 products
- Lubrication systems extended from parent machine
- Interface with existing machines
- HMI 4.0

Compatible Products in Primary Packaging



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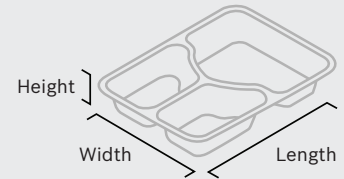
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Technical Specifications

Performance	min.	max.
Speed (products per minute)	30	150
Product Size Range	min.	max.
Length	60 mm (2.87")	270 mm (10.62")
Width	40 mm (1.56")	185 mm (7.28")
Height	20 mm (0.78")	95 mm (2.75")

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



Operating Requirements

Power Rating	33 kVA
Air	5 L/min (0.2 cfm) 5.5 bar (80 psi)

Construction

Stainless steel frame, shafts, and guides. Nickel-plated chains, pulleys and sprockets. Clear polycarbonate guards.

Shipping Weight, Estimated	500 kg (1000 lb)
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