

Product Innovation

Factory Automation Solution Innovators

KRAKEN KAIT-120, High Speed Accumulator, Indexer Transfer System for Single, Multi or Double Pack Products.

Optimizes product feeding between baggers, pouchers and flow wrappers to cartoners and case packing systems



The Kraken KAIT-120 is a cost effective product feed system that incorporates Stepper technology and product sensing intelligence for handling random fed products from baggers, pouchers and flow wrappers.

This is achieved using intelligent motion controlled roller infeeds that have multi stages which work synchronously to adjust infeed speeds (ramps-up quickly to hit target) through the accumulator buffer infeed and into the launch transfer paddle device, which then rotates to drop product into the travelling cartoner bucket below. This system is also applicable to any packaging operation requiring intelligent product feed for proper staging and gapping of product to put them on pitch, like case packing for example.

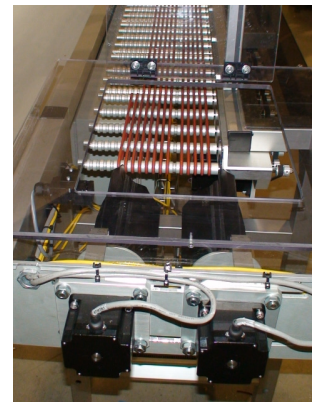
The KAIT-120 is ideal for food packaging/handling applications industry when looking to optimize product infeeds from baggers, pouchers and flow wrappers to cartoning and case packing applications. No matter the product format pouches, bagged product, bars trays etc, This system with throughputs of 120 PPM, packs a serious punch with higher efficiency and productivity in a small footprint.

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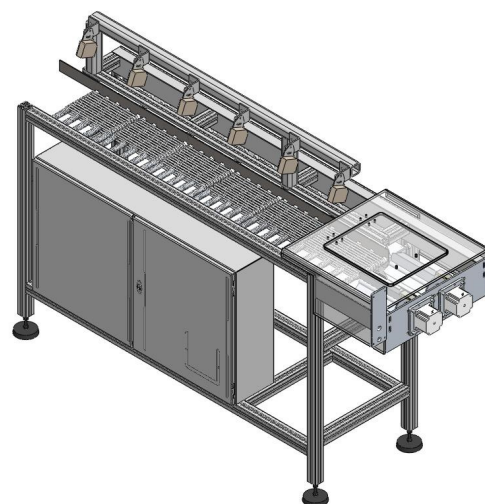
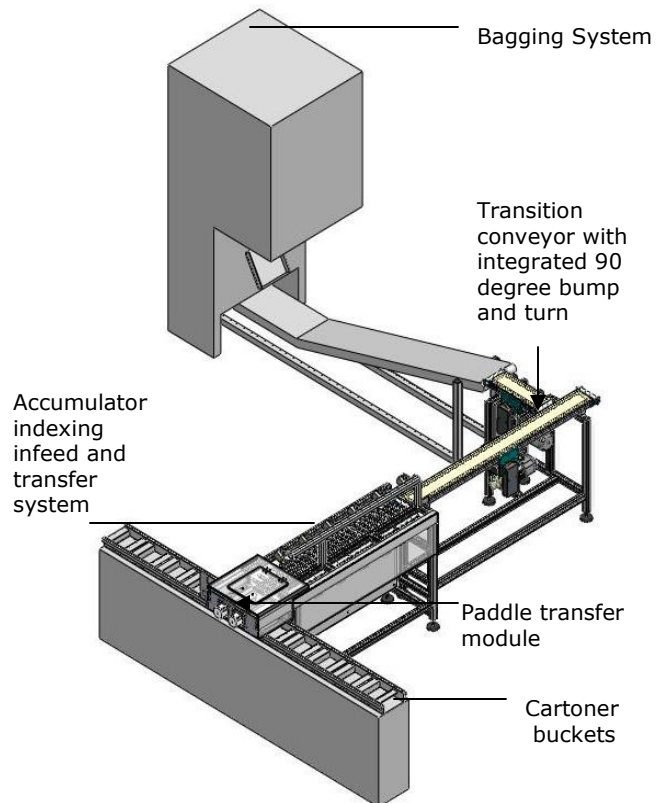
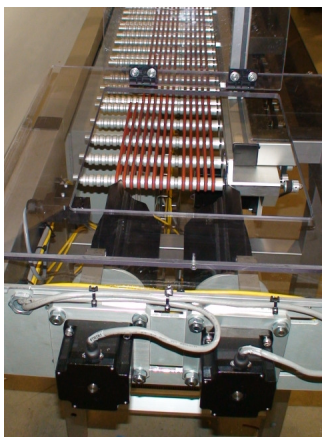


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Highlights:

- System can be engineered to run either single pouch or twin pack;
- Eliminates the need for human intervention for placing products into cartoner bucket by hand or manual packing;
- Incorporates multi-roller indexing stages depending on product widths and can be reformatted to run both small and large products by reconfiguring the indexing stages and number of stages;
- Reduces or eliminates orphan products for multi-component products;
- No product size change or recipe management system required;
- 8 axis Stepper drive control system;
- Maximum pouch handling rate of 120 PPM (single), 60 twin packs per minute;
- Small footprint, compact design, portable (roll in place and lock in position) or fixed in position;
- Closed face, extruded aluminum frame and mounting posts and can be made available in stainless steel;
- System can be engineered to incorporate either stepper or servo technology depending on the application and speed requirements;
- Product transfer paddle device comes with auto transfer zeroing as well with home acquisition on system reset;
- Optional can include HMI for parameterization of products, alarms and diagnostics;
- Cantilever design for quick belt changes;
- 110 V, 15 amps. single phase input;
- All AB controls (plc, O/I and hardware);
- No encoder feedback required for positioning system;
- Conveyor belts allow loose product to fall through.



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Contact us today for more information as to how Kraken Automation can assist you with our "Value Through Innovation Program" for your packaging requirements .

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