



INFLIGHT AC

Autonomous Cart Loading of Random Product

Benchmark's InFlight AC feeder delivers precise, continuous motion loading of product that cannot be backlogged. Autonomous carts receive a single lane of randomly spaced product and time it to the flights of a horizontal wrapper or cartoner at speeds up to 500 ppm. The InFlight AC feeder incorporates the latest controls and a sturdy design into a ruggedly dependable machine built for efficient operation. Operator friendly software and diagnostics on the touchscreen minimize changeovers and downtime. Scheduled maintenance is made easy with a fully cantilevered design for access to key components and quick change out of carts. The InFlight AC feeder eliminates the need for repetitive hand loading with an ROI that is typically under a year.



FEATURES AND BENEFITS

- Efficient, reliable operation
- Quick, easy changeovers
- Maintenance friendly
- Carts remove easily for efficient cleaning
- Products are carried on individual carts
- Highest potential for sanitation
- Short term ROI
- Ideal for fragile and irregularly-shaped products
- 304 stainless steel frame and guards
- Cantilevered design for easy cleaning and maintenance
- Drop through design eliminates product buildup

TYPICAL PRODUCT DIMENSIONS

Length: 2"-24"

Width: 1"-18"

Height: Dependent on product width

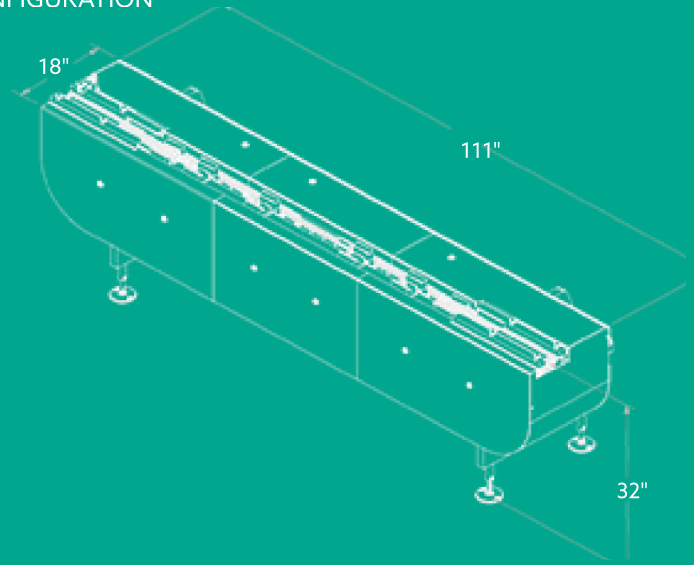
Speed: Up to 500 ppm based on product dimensions

SPECIFICATIONS

Power: 480V, 3PH, 60HZ

Controls: Color touchscreen operator interface, Allen Bradley motion controller, servo motors, and iTRAK system

CONFIGURATION



CONSTRUCTION

Our rugged design and attention to detail result in long equipment life proving top performance year after year. Paint free surfaces throughout and plastic and stainless steel product contact surfaces eliminate potential for contamination and provide the highest level of food safety.

The iTRAK is designed to use very few moving parts. Movers are rigidly connected to the structure, and durable bearings and guide rails significantly reduce downtime.

SHORT TERM ROI

Low capital cost coupled with minimal installation typically results in a return on investment of under a year.

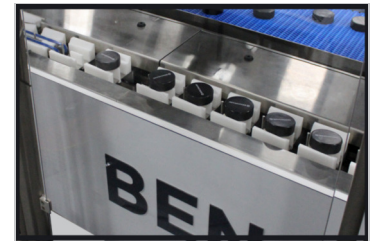
EASY TO OPERATE

This machine is designed to make changeovers quick and easy. Most changes can be completed with a simple recipe change. Other product changes can be completed with a quick replacement of the carts.

LOW MAINTENANCE DESIGN

The InFlight AC is designed to minimize maintenance and sanitation time. Key components are easily accessible.

iTRAK systems minimize maintenance for increased operation and reduce machine size to help manufacturers manage production floor space. Chains, belts, and gears are eliminated for increased efficiency and low maintenance cost.



The InFlight AC uses autonomous carts to receive randomly spaced product and time it to the flights of a horizontal wrapper.



Timed product is removed from autonomous carts using a split belt transfer for loading into wrapper flights.