



Professional Packaging Systems

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Bartelt IMC Intermittent-Motion End Load Cartoner



At a Glance

- Fast, reliable, full servo control cartoning
- Multi-head rotary carton feeder, servo-driven product inserter and servo rotary flap tuckers
- Open-frame clean design provides product visibility
- Up to 120 cartons per minute

Buy your cartons from us, and get a discount on this Bartelt cartoner!

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Full Servo Control Carton Forming, Loading, Sealing

The Bartelt IMC servo driven horizontal, intermittent-motion cartoning system is ideal for cartoning food and consumer goods, as well as pharmaceuticals, tobacco and many other products.

A multi-head rotary carton feeder, servo-driven product inserter and servo rotary flap tuckers provide excellent control at rates up to 120 cycles per minute.

This heavy-duty cartoner stands out for its operational flexibility. This machine can run many different carton shapes, and a full range of product sizes – for bags, pouches, trays, flow-wraps, and a variety of loose or stacked products.

An open-frame design provides access for easy cleaning, and excellent product visibility.

Servo technology enables fast simple changeovers to adjust carton sizes as well as changing from flap gluing to flap tucking.

Features and Benefits

- Modular stainless steel open frame design
- Carton magazine to supply rotary feeder
- Servo-driven, two-head rotary carton set up
- Servo-driven product inserter
- Product/carton tooling
- No product/no carton, no carton/no load

- Carton end flap detection for both minor and major
- Air operated top rail
- Servo rotary flap tuckers
- Pneumatic Compression closure
- Carton discharge
- Low profile guarding system with safety interlocks doors
- Rockwell motion control package
- Rockwell color touch screen operating panel
- All-servo design
- Low maintenance
- Modular – easy to upgrade
- Speeds up to 120 cartons per minute, depending on machine pitch and application
- Single-packs and multi-packs
- Flexibility
- Runs a variety of carton sizes and styles
- Quick and repeatable size changeover
- Ergonomically designed

Operation

Folded and pre-glued cartons are manually placed into the horizontal powered carton magazine
Carton blanks are intermittently removed from the bottom of the magazine using a servo driven two head rotary carton feeder featuring multiple vacuum cups mounted on spindles
The carton is placed in an open position between the carton transport lugs and transported to the product loading station
Photo eyes detect carton presence
Products previously placed into the buckets of the in-feed conveyor are side transferred into the carton by the intermittent motion product inserter
Transfer conveyor funnel provides the final positioning of the product during the loading stroke
After the product has been loaded into the carton, the carton is closed, (glue or tuck) and discharged

Options

- Carton coding –inkjet, laser, thermal transfer
- Open flap detect
- Product conditioner
- Product transfer
- Servo adjustable in-feed
- Drop gate combiner
- Integration of checkweigher
- Integration of glue system

Industries

- Home and personal care, for example: Soap, wet wipes, bandages, saline solutions etc.
- Consumer goods
- Confectionery
- Tobacco products
- Food products

Carton Sizes

	Length	Width	Depth
Min	2" / 51mm	0.625" / 16mm	3.25" / 83mm
Max	13.5" / 343mm	6" / 152mm	12" / 305mm

Please [contact Pro Pac](#) or call 888-318-0083 for your cartoning equipment.