



CARTONING MACHINERY

Criterion Series

CLI-CMI Intermittent Motion, CL-CM Medium Speed, and CL-CM High Speed

(800) 216-4499 | WWW.RAJONES.COM



The New Criterion Series

R.A Jones has been designing and building Criterion® Cartoners for over 30 years. The latest vintage has been designed to meet market needs for easy operation and clean-up, as well as quicker and more repeatable changeovers. All new Criterion models use the latest technology with a robust electro-mechanical design that provides high efficiency and reliability, which improves productivity and the life expectancy of the machine. Upgradeable changeover and centerlining capabilities with Acc-U-Change are available to enable you to achieve today's vertical start-up requirements.

STANDARD ACROSS THE SERIES

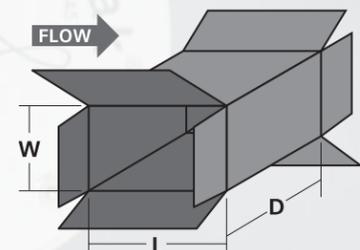
- Capabilities of running chipboard, paperboard or fluted corrugate cartons
- Enhanced sanitary design with a stainless steel bulkhead frame
- Roller chain article bucket conveyor
- Machined UHMW Chain Rails for carton transport and bucket conveyor
- 4-chain Carton Transport
- Servo driven leading lug adjustment
- Scalable Electrical Control Platform with a multi-axis servo control system and separate high voltage & low voltage enclosures, plus I/O Link with smart sensor capabilities
- Common operation and construction, including 60-70% common parts

AVAILABLE ACROSS THE SERIES

- Low level carton magazine
- Air frame carton opening (not available on Intermittent Series)
- Adjustable U-shaped article buckets
- Overhead confiner/tamp system
- Inner & outer flap gluing
- Open flap detection and reject
- Interior machine lighting with "Fault Zone" indication

BASIC TECHNICAL INFORMATION

	INTERMITTENT	MEDIUM SPEED	HIGH SPEED
Output (CPM)	Up to 200	Up to 360	Up to 600
Mode of operation	Intermittent	Continuous	Continuous
L - Carton length (in/mm)	2 - 10in 51 - 254mm	4 - 10in 102 - 254mm	2 - 12in 51 - 305mm
W - Carton width (in/mm)	1 - 6in 25 - 152mm	1 - 6.5in 25 - 165mm	1.25 - 4.25in 32 - 108mm
D - Carton depth (in/mm)	4.25 - 12in 108 - 305mm	4.25 - 14in 108 - 356mm	4.25 - 14.5in 108 - 368mm



CLI-CMI Intermittent Series



The CLI-CMI Series cartoner is for packaging lines that want maximum flexibility with low to medium speed capabilities. This machine has a compact footprint to fit tight spaces on your packaging floor. Flexibility is provided by quick changeovers and the largest carton size range in the industry. The optional IndeCart® 3 bucket transport enhances the flexibility by de-coupling the upstream process from carton loading.

MACHINE FOOTPRINT:

Standard: 18.3ft (5.6m) L x 7.9ft (2.43m) W x 7ft (2.1m) H

MODELS:

- CLI-100 (12" pitch)
- CLI-150 (9" pitch)
- CMI-200 (6" pitch)

CL-CM Medium Speed Series



The CL-CM Series cartoner is for packaging lines that want maximum flexibility with medium to high speed capabilities. This machine has a great footprint-to-speed ratio with both large pitch and medium pitch versions to meet your packaging needs. Flexibility is provided by quick changeovers and the largest carton size range in the industry. Standard configurations are available to provide the best performance for bag-in-box and multi-count pouch/sachet stack products.

MACHINE FOOTPRINT:

Standard: 25ft (7.6m) L x 7.3ft (2.24m) W x 7ft (2.1m) H
Airframe: 27.6ft (8.4m) L x 7.3ft (2.24m) W x 7ft (2.1m) H

MODELS:

- CL-240 (9" or 12" pitch)
- CM-360 (4.5", 6" or 7.5" pitch)

CL-CM High Speed Series



The CL-CM Series cartoner is for packaging lines that want to maximize throughput, with some of the fastest speed capabilities in the industry. Large pitch and medium pitch versions are available to meet your production needs. Flexibility is provided by quick changeovers and a capability to run a large range of carton sizes. Standard configurations are available to provide the best performance and highest speeds for bag-in-box products.

MACHINE FOOTPRINT:

Standard: 36ft (10.9m) L x 7.5ft (2.3m) W x 7ft (2.1m) H
Airframe: 38.6ft (11.8m) L x 7.5ft (2.3m) W x 7ft (2.1m) H

MODELS:

- CL-330 (9", 12" or 15" pitch)
- CM-600 (4.5", 6" or 7.5" pitch)

Criterion Series Changeover Options

STANDARD

All set points are calibrated and documented for repeatability:

- Battery powered Siko electronic counters on rotary adjustment devices
- Kipp handle & scale manual adjustment devices for all other settings
- Tool-less product change parts
- Calibration sheets supplied for each SKU/carton size



ACC-U-CHANGE™

Validated Changeover - All set points are validated, ensuring vertical start-up:

- Siko electronic counters with feedback to machine controller on rotary adjustment devices
- Electronic operator verification on kipp handle & scale adjustment devices
- Tool-less product change parts with RFID technology for verification
- Mobile Touchscreen Tablet
- Calibration sheets supplied for each SKU/carton size

ACC-U-CHANGE™ Plus

Automatic Validated Changeover - Set points are set automatically through the machine controller, reducing change-over time and ensuring vertical start-up:

- Smart motors added to both rotary and linear adjustment devices for automatic changes
- Tool-less product change parts with RFID technology for verification
- Mobile Touchscreen Tablet
- Calibration sheets supplied for each SKU/carton size

Industry Leading Customer Service



PARTS - SERVICE - AUDITS - TRAINING

Increase uptime, enhance safety, improve reliability, and extend machine life by leveraging R.A JONES' experienced Customer Service Department. Properly maintained equipment ensures maximum return on the investment for the life of your machine. Utilize our on-line parts ordering portal (WEBSHOP) to efficiently order parts and forecast part needs, schedule routine service and/or a machine audit with experienced and tenured field service technicians, and train your operators with on-site instruction from one of our factory certified trainers.