

R.A JONES

a coesia company



Celestion® MTX

A complete TopLoad platform, orbiting around your needs

The Celestion® MTX (Modular TopLoad X platform) is the latest TopLoad platform designed by R.A Jones to meet diverse packaging needs with unparalleled flexibility. More than a cartoning machine, the Celestion features interconnected modular blocks to provide flexibility and excellent product handling capabilities. Load pouches, wraps, and round products into cartons and trays in a variety of configurations—from single units, to multipacks, to variety packs, and kits.

Bringing you a new universe of packaging possibilities

Driven by our commitment to meeting customer needs, the Celestion® MTX combines proven technology that draws together robots and robust functional modules that form, load, and close cartons and trays. The Celestion® MTX connects the critical and reliable pieces to deliver success for industries such as Food, Pharma & Healthcare, Personal Care, Pet Food, Electronics and more.

The Celestion® MTX excels in its ability to handle a wide array of product types and package formats, space saving utilization of floorspace, and innovative features and technologies that can be seamlessly integrated into production lines, especially with our sister companies.

Technical specifications

Production speed

- Up to 150 cartons per minute

Carton styles

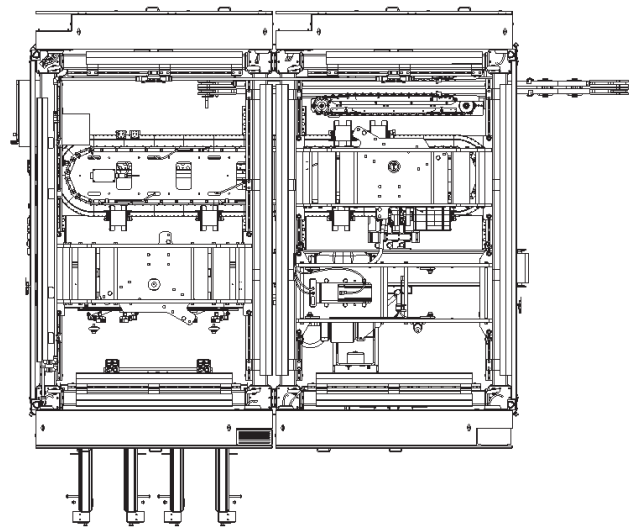
- Trifold, economy, combo-fold, display cartons, trays, kits, and more.

Carton forming, transport, and closing

- Cartons formed from flat blanks for reduced costs and better lead time
- Intelligent Carton Transport (ICT™)
- Quick change tooling for mounting and utilities
- Glue closure with hot melt unit

Controls

- PLC and Motion Controls from Beckhoff
- HMI: OptiMate by Systems Electronics



Base machine dimensions

L: 13' W: 9.8' H: 8.4' (4 x 3 x 2.5m)

More benefits of the Celestion™ MTX:

Versatility and variety

Benefit from easy implementation of new package types: from single items, multipacks, variety packs and kits, so that you can adapt to shifting market demands. This TopLoad technology also boasts the ability to switch between paperboard and corrugated materials during production runs for unparalleled flexibility.

Scalable design

The Celestion® MTX is a platform that solves problems today and can expand to meet the unforeseen challenges of tomorrow. It's compact 2x3m modular cells provide easy redeployment and allows scaling up when production needs increase.

Coesia Systems

The Celestion® MTX has been specially designed so that it can be seamlessly expanded and integrated to fit into new and changing production lines. Incorporating the Celestion® MTX into a complete Coesia System with our sister companies like ACMA, MGS, Volpak, or Flexlink results in optimized solutions for your production. Let R.A Jones and Coesia deliver a comprehensive system design that accounts for all complexities and leads to maximum operational efficiency.

Advanced technology

Enjoy advanced technology in a design that's been configured for your success. Adaptable blank magazines offer better loading ergonomics and can handle a broad range of carton and tray sizes. Product grouping technologies deliver reliability and efficiency while remaining flexible to change speeds, product counts, collating patterns, and carton designs. All machine functions are controlled through a single, high-performance open controls platform, which delivers everything from smooth robot and machine kinematics to coordinated and time-efficient format changes.



Enhanced automation



Maximum flexibility



Top reliability



Guaranteed Integrity

Carton minimum	4" L x 2" W x 0.6" D (102mm x 51mm x 15mm)
Carton maximum	12" L x 8" W x 8" D (305mm x 203mm x 203mm)
Blank minimum	5.8" L x 5.2" W x 0.015" D (147mm x 132mm x 0.4mm)
Blank maximum	25.5" L x 27.5" W x 0.030" D (650mm x 700mm x 0.8mm)

