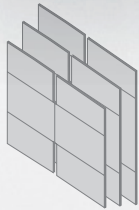


E-CO FLEX

AUTOMATED PACKAGING STATION



PACKAGING PROCESS MADE EASY



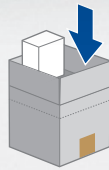
RIGHT SIZE BOX SELECTION

E-CO Flex chooses the correct size box based on the order size.



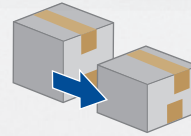
BOX FORMING & SEALING

The box is erected and sealed on the bottom using water-activated (WAT) tape.



ORDER FULFILLMENT

The operator places the order inside the box and adds void fill if required.



DOWNSIZING STATION

The box height is reduced to minimize the shipping volume.



BOX CLOSURE

The final station seals the top of the box with water-activated (WAT) tape.

FLEXIBLE AUTOMATED PACKAGING STATION

E-CO Flex* is a smart automated packaging station boosting your e-commerce packaging efficiency by replacing multiple traditional pack stations with only one. This highly modular combination of solutions utilizes the customer's existing box suite by choosing, erecting, downsizing, and taping the box with IPG's recyclable water-activated tape. This delivers optimal box size by reducing dim weight and increasing freight savings.

* Patent Pending

HIGHLIGHTS

- Box magazine composed of 12 cassettes to accommodate multiple box sizes.
- The system is constructed from two distinct modules - the box storage & box assembly module and box closure module - which can be combined in several different configurations to provide adaptive solutions in an ever changing market.
- Based on individual order size, the system chooses the correct box size.
- Once the order is placed into the box, the reduction station will condense the box size to decrease DIM weight.
- Replenishment of the box magazine without stopping the machine for continuous operation.
- Top and bottom box closing with water-activated tape for secure and recyclable closure.
- Track and trace system provides a bar code on the outside of the finished package, unique to that order, for identification and tracking.

Exclusive distributor
for North America



E-CO FLEX AUTOMATED PACKAGING STATION

E-CO FLEX TECHNICAL DATA

Throughput Speed (cases per minute)	Up to 10 CPM
Electric*	480V (±10%), 3 Phase + 1 Ground, 60Hz, 10A
Air	Pressure 6 bar (87 psi)
Bench Height	33.5" (85 cm)
Machine Weight	14000 lbs (6350 kg) crated
Machine Dimensions	218" x 134" x 109" (553.72 cm x 340.36 cm x 276.86 cm)

BOX TECHNICAL DATA

Min Case (L x W x H) (internal dimensions)	7" x 6" x 3" (17.78 cm x 15.24 cm x 7.62 cm)
Max Case (L x W x H) (internal dimensions)	21" x 15" x 13" (53.34 cm x 38.1 cm x 33.02 cm)
Box Type	Standard RSC - 0201 with pre-scoring

TAPE TECHNICAL DATA

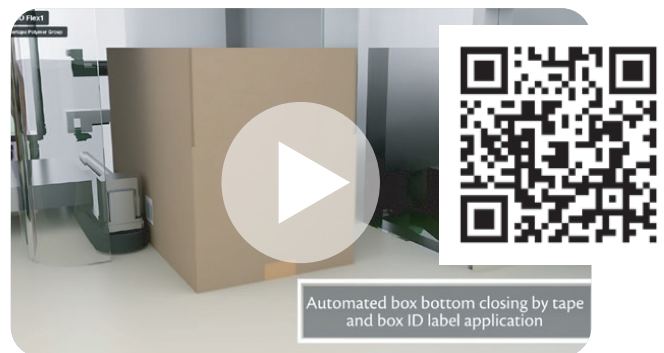
Adhesive Technology	Water-activated (or gummed) tape
Tape Grade	260
Tape Roll Specification	3" core with max roll diameter 21"
Tape Width	2.75"-3" (70-72 mm)
Corrugated Box Layout	Right hand or left hand
Box Gap	Minimum 5 mm between the major flaps

* Other input voltages available

OPTIONS

- Box storage available in a 6-magazine smaller version.
- Programmable LCD displays in the carton magazine area to identify the box size.
- Box ID (license plate) ink-jet printer.
- Box ID label applicator.
- Box ID label print&apply.
- Downsizing unit for scored boxes.
- Shipping label print & apply.
- OCR/OCV for shipping label control and verification
- Artificial-Intelligence-based vision system to check correct flaps closing and integrity taping.
- Check weigher
- Rejection station

SCAN TO VIEW VIDEO

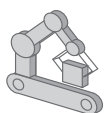


IMA Sp.A. reserves the right to make any changes to the described machine characteristics.



New flexible concept

Thanks to the modular design



WMS integrated

E-CO Flex selects the closest box size-match to the product to be packed



Sustainability

Box dimensions optimized thanks to down-sizing function, reducing void fill required



At the operator's side

E-CO Flex follows the speed of the operator for easy and smooth operations



Small footprint

E-CO Flex is compact and easily adaptable to existing layouts



Production speed

Packs up to 10 boxes/minute



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