

## DESCRIPTION:

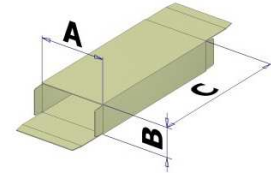
Horizontal intermittent motion cartoner for small/medium size products cartoning applications. This machine is suitable for the pharmaceutical, cosmetic, food and consumers products industry. Entirely made with balcony construction, designed around three concepts: versatility, ergonomics and maximum efficiency in a small footprint.

- Balcony construction, as per GMP rules;
- Compact Dimensions;
- Maximum visibility for the whole process, thanks to completely transparent guards;
- Bucket feeding chain into which, by means of dedicated feeders, the products are placed automatically to be cartoned. One sensor checks product presence in the bucket and calls the correspondent carton and leaflet (if necessary), enabling the sensors of correct retrieval;
- All feeding groups are located in ergonomic position, in order to make the loading easy for the operator;
- Carton erection is carried out by a triple vacuum arms system for **positive** carton opening, which guarantees optimal operations with the widest range of cartons and cardboard quality;
- Carton transport with Top & Bottom timing belts centrally adjustable with hand wheels and digital indicators to suit carton Width, Length and Depth ("A", "B" and "C" dimension);
- No contact with metal rails due to the fact that the transport belts travel with the carton.
- Particularly low noise and Lubrication free thanks to advanced solutions adopted for product and carton conveyors
- Product arriving from the infeed chain is inserted with a pusher placed on the operator side;
- After the closing operation, lateral belts discharge the carton;
- Touch screen control panel, for operator interface and machine management;
- Self-diagnosis and help functions;
- The carton transport system consists of scratch-proof white plastic toothed belts to insure package integrity, even when processing cartons with a high gloss finish. The AS120 cartoner is ideal for handling fragile or delicate products including cartons with internal liners.

## TECHNICAL SPECIFICATIONS:

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- **Size range**
  - A = min. 20 mm – MAX. 120 mm
  - B = min. 25 mm – MAX. 80 mm
  - C = min. 45 mm – MAX. 200 mm
- **Size changeover = OPERATOR FRIENDLY**  
Fast and reproducible adjustments through scaled spindles with hand wheel and digital indicator plus operator guidance via operating terminal
- **Mechanical speed** = up to 120 Cartons per minute
- **Standard Voltage** = 380V 50 Hz
- **Installed Power** (Basic machine) = 3,5 KW
- **Air consumption** (Basic machine) = 17 NI per minute
- **Air pressure** = 5/6 bar
- **Approx Net weight** = 1150 KG
- **Noise level** = <72dB



## OPTIONS:

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- Automatic feeding systems tailored according to specific requests
- Leaflets variants (pre-folded, flat, from reel)
- Booklet and objet insertion
- Automatic reject of incomplete cartons
- Automatic size changeover adjustments
- Possibility to integrate bar code readers and complete vision system for detection of products quantity, printed code and leaflet presence
- Wide selections of coding systems (embossing, ink-jet, laser etc.)
- Variants of cartons closure (tuck-in flaps, glue flaps, tamper-evident etc.)
- Variants of cartons style (cartons with inner partition, cartons with 5th panel, cartons with hinged lid, sleeve etc.)
- Separate double discharge
- Modem for trouble shooting
- Validation documents (IQ, OQ e FAT) supplied according to the customer's request
- Connection to host computer