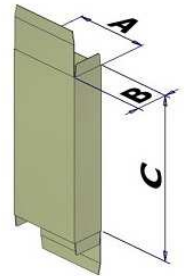


DESCRIPTION:

- The Vertical Cartoner ASV resolves all those demands of manual cartoning of single or multiple products also with irregular form, considering the eventuality of frequent size changeover and according to the demands of production can work with continuous or intermittent motions. The Carton forming is carried out by combined action of vacuum cups that picks up the carton from the magazine in sequence and inserts them in the lugs of the transporter, an upper propeller provides for the opening of the minor flaps of the cartons for facilitate the loading of the product. In the following phases the bottom of the boxes is closed and reaches the loading zone. The loading of the product could be effected manually or with automatic loader, in the following cases the carton comes definitely closed and transferred on the exit belt.
- Large capacity belt driven carton magazine with minimum level control ;
- Carton erection is carried out by the traditional double vacuum arm for positive opening system, which guarantees optimal operations with the widest range of cartons and cardboard quality;
- Carton transport system centrally adjustable;
- Widening of the belt transport system performed with hand wheel and digital indicators to suit carton length ("C" dimension);
- After the closing operation, a bottom belt discharge the carton;
- The touch screen operator interface control panel shows all the machine functions and displays the machine status, as well as fault/alarm messages;
- The speed is set from the control panel and allows the adjustment for the optimal production speed;
- Machine is built thinking first about its mechanical sturdiness, with no hydraulic or oleo-pneumatic devices, in order to guarantee a great reliability and duration.
- Available in two different versions: ASV standard, suitable for two operators working, or ASV Extended, suitable for four operators working.

TECHNICAL SPECIFICATIONS:

- **Size range**
 - A = min. 20 mm – MAX. 125 mm
 - B = min. 18 mm – MAX. 80 mm
 - C = min. 52 mm – MAX. 250 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 60 Cartons per minute (intermittent motion); up to 90 Cartons per minute (continuous motion)
- **Installed Power** (Basic machine) = 2,8 Kw
- **Air consumption** (Basic machine) = 50 NI per minute
- **Air pressure** = 5/6 bar
- **Approx Net weight** = 1150 KG
- **Noise level** = <72dB



OPTIONS:

- Automatic feeding systems tailored according to specific requests
- Leaflets variants (pre-folded, flat, from reel)
- Booklet and objet insertion
- Automatic reject of incomplete cartons
- 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.)
- Separate double discharge
- Modem for trouble shooting
- Validation documents (IQ, OQ e FAT) supplied according to the customer's request
- Connection to host computer