

DESCRIPTION:

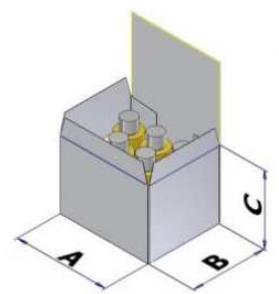
Vertical intermittent motion cartoner ASV 50 has been conceived for the automatic cartoning of products of a diverse nature as bottles, vials, jars, blisters, sachets and other irregularly-shaped products single or multiple.

ASV 50 is driven by a fully mechanical system, featuring a central drive shaft with lift-cams and it is very compact because in only 3 stations performs all the different operations, pickup carton, bottom closure, insertion product and top-closure. Its newly designed frame offers the maximum sturdiness, function without vibrations, modularity and flexibility.

- Very Compact Dimensions;
- Maximum visibility for the whole process, thanks to completely transparent guards;
- Infeed conveyor belt for product transport up to the loading stations. One sensor checks product presence on the infeed belt and calls the correspondent carton and leaflet (if necessary), enabling the sensors of correct retrieval;
- High capacity carton magazine with pusher belt, with minimum load 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 with bottom walking beam
- Product arriving from the infeed belt is inserted with a Pick & Place placed on the operator side;
- After the closing operation, the walking beam 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.

TECHNICAL SPECIFICATIONS:

- **Size range**
 - A = min. 50 mm – MAX. 230 mm
 - B = min. 35 mm – MAX. 100 mm
 - C = min. 60 mm – MAX. 130 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 50 Cartons per minute
- **Installed Power** (Basic machine) = 3,5 KW
- **Air consumption** (Basic machine) = 30 NI per minute
- **Air pressure** = 6 bar
- **Approx Net weight** = 1250 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
- 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