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## **Model 125 Series Automatic Cartoning Machine**



Automatic cartoning machine is used for putting medicine bottles/boards/unguents into the folded cartons and then closing the ends of the cartons. Some models of the cartoning machines have additional function of seal labeling and shrink wrapping. Infeed entrance usually can be divided into three: one for manuals, one for medicine bottles/boards/unguents and one for cartons.

The whole process from in feeding cartons to finally finishing package can be generally divided into four steps: carton coming downwards, erecting, filling and closing the ends. The action of carton coming downwards means, one sucker collects one carton from the carton infeed entrance, coming downwards to the main line for cartoning, one guide detent fixes the carton and one push pedal erects the carton; meanwhile two detents which can move forward will rise from the bottom and lock the two sides of the carton, erect the carton into right angle and drive the carton forward to the filling area. After filling the material into the carton, the organization of the machine will fold the two small flaps into the left and right guiderails, and then take the action of closing the cover. Before closing the cover, the organization will bend the tongue of the cover, then one push pedal will push and insert the tongue into the carton and



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fasten it. It's a critical action to close the cover, whether it can be done well depends on the structure of the carton and accuracy of the machine adjustment.

### **Main Functions:**

- PLC control, touch screen operation, frequency converter speed control technology
- electric pneumatic components imported
- Has automatic folding manual (1-4 fold to arbitrarily regulate)
- Has automatic printing batch number
- Has multi-function recognition system, on-line monitoring and eliminate
- Has lack of material, the lack of books, lack of box alarm function, ensure that out of the finished product 100%
- Has no box no glue function
- Has material low stop function, has a variety of material and in attachment function
- Has overload protection automatic stop function
- The modular structure, a variety of specifications interchangeable, don't need to change with and so on

### **Technical Parameters(We can change the machine size for suitable client box):**

Speed: 80~110cartons/min

Carton dimension: (45~180) \* (30~85) \* (12~50) mm

Manual dimension: (70~200) \* (70~140) mm

Power: 50Hz 380V 1.5KW

Air consumption: 10~15L/MIN

Vacuum suction: -0.6Mpa (comes with vacuum generator)

Weight: around 950Kg

Machine dimension: 2500\*1100\*1700mm

Carton requirement: 250~350g/sq.m

Manual requirement: 50~60g/sq.m