

## *PZH-100S Automatic Cartoning Machine*



PZH-100S Automatic cartoning machine is a high-performance product that integrates electromechanical, gas, and light-based on foreign advanced equipment introduction. It meets GMP requirements. The machine is a continuous operation, automatic box opening, leaflets automatic folding(1-4 folds), printing batch number sealing detection and other functions (can also be equipped with hot melt adhesive device), the highest speed up to 90-110 boxes/min.

PZH-100S Automatic cartoning machine is suitable for medicine, food, daily cosmetics, chemical, hardware, and electronics industries, the packaging of medicine plates, hoses, medicine bottles, vials, pouches, sachets, ampoules, and other products.

PZH-1100S Automatic cartoning machine can be linked with the equipment of the blister packaging machine and the filling machine, and also with the overwrapping machine, pillow packaging machine, and other machines linkage production.

### **Performance characteristics**

1. This machine adopts PLC, frequency converter, encoder, servo motor, and other electronic components to control, and pneumatic components are selected from famous international brands such as Siemens, Mitsubishi, SMC, and AirTAC, and so on.
2. This machine can automatically complete leaflet folding, carton, opening, block boxing (bottle) boxing, batch number printing, sealing, inspection, waste rejection, etc.
3. The machine adopts PLC control. The photo electricity monitors the actions of various parts, and if there is an abnormality during operation, it can automatically stop and display the reason, so as to eliminate the fault in time.
4. The main drive motor and clutch brake are installed inside the frame, and torque overload protectors for the transmission system of various parts are installed on the machine board. Under overload conditions, the main drive motor can be separated from each transmission part to ensure completeness. The safety of the machine.

5. The machine has multiple detection and rejection systems. The instruction manual, the medicine plate (bottle), and the carton are all detected by sensors, and then output after the batch number is printed and the box is sealed. In the process of testing, waste products (no drug version, no instructions, no bottles) are found out at the exit to ensure that the product quality fully meets the qualified requirements.

6. The machine can be used alone or in conjunction with blister packaging machines, filling machines, automatic labeling machines, automatic shrink packaging machines, and other equipment to form a complete set of packaging linkage lines.

7. The machine has a number of safety protection marks and safety protection plexiglass cover, as well as overload protection and other functions.

## Technical data

Encasing speed	50-100 boxes/min.	
box	Quality requirement	250-350g/m <sup>2</sup> (According to its dimension to confirm)
	Dimension range (LxWxH)	L(70-220)x W(35-85)x H(15-80)mm
		Beyond the size range, can be customized.
Leaflet	Quality requirement	60-70g/m <sup>2</sup>
	Unfold leaflet specification	L(80-300)x W(70-190)mm.
		Beyond the size range, can be customized.
	Fold range	(1-4)fold
Compressed air	Working pressure	≥0.6mpa
	Air Consumption	20m <sup>3</sup> /h
Power supply	380V 50HZ	
Motor power	0.75Kw	
Machine dimension (LxWxH)	4600X1180X1700mm	
Machine Weight	2000kg	