

SED-450GZH-A Horizontal Type Automatic Cartoning Machine



SED-450GZH-A automatic continuous cartoning machine is a self-innovated model developed by our company on the basis of a number of advanced technologies at home and abroad, and is manufactured in strict accordance with the "GMP" requirements of the pharmaceutical industry. Features of high stability, simple structure, and easy-to-understand operation; manual automatic folding and transmission, carton suction forming, multi-station servo follow-up feeding mechanism, and related technologies have reached industry advanced standards; concise appearance design and multi-station servo The structure of the follow-up pushing material makes the operation and maintenance more convenient; the outer ring of the dual-station planetary wheel opens the box outwards and has a pre-forming device to ensure that the carton is fully opened and formed.

This machine is a fully automatic continuous cartoning machine, a high-performance product integrating machine, light, electricity, and gas. It is suitable for automatic processing of aluminum-plastic blister plates, bottles, hoses, soft double aluminum, bag-like items, etc. It can be packed in boxes, and can be matched with them to form a packaging production line.

Carton opening mechanism: This mechanism adopts double-station planetary wheel outer ring to open the box outwards. The advantage of the inward movement with similar models is that when the carton size is wider, it will not collide with each other. This mechanism also has pre-formed Device to ensure that the carton is fully expanded and formed.

Features

- 1) No products do not suck leaflet. Not leaflet does not suck carton.
- 2) When there is no product or the product supply is not in place, the machine will idle without pushing the product. When the product is restored to supply, it will run automatically, and the product will stop automatically when the product is not in place;

- 3) Automatic shutdown without carton, automatic shutdown without leaflet for multiple consecutive times;
- 4) Low compressed air and vacuum negative pressure shutdown alarm
- 5) The multi-station servo pushing mechanism can save the front operation space of the machine, and make the operation and maintenance of the machine more convenient;
- 6) A very simple product specification change can be made through the dial scale handwheel;
- 7) The main drive and the paper folding machine drive are equipped with high-sensitivity overload protection devices to ensure the safety of machines and personnel;
- 8) Servo blanking system: The blanking device adopts the swing tracking method to blank; compared with the similar fixed blanking device on the market, it has faster speed and more accurate blanking; it can load one piece of material at a time or multiple pieces of material to the material at a time In the trough of the conveyor chain plate.
- 9) The main motor, PLC, inverter, servo motor, operation panel, sensor, relay, contactor, and pneumatic components are all internationally renowned brands;
- 10) Digital display production speed, automatic fault prompt and solution method, overload alarm and product count.

Product Parameters

Speed		450 carton/min
Carton	Quality requirement	350g/m ²
	Size (L×W×H)	(70-180)mm×(35-80)mm×(14-50)mm
Leaflet	Quality requirement	60g/m ²
	Unfolded size range (L*W)	(80-250)mm×(90-170)mm
	Folded size range	1-4 folds
Compressed air	Work pressure	≥0.6mpa
	Air consumption	About 220-240L/min
Supply		380V 50HZ
Main motor power		4.5kw
Dimension (L×W×H)		4800mm×1800mm×2000mm
Net weight		About 5500kg