UN-100DZH Cartoning Machine

Performance features

The UN-100DZH Cartoning Machine is a fully automatic packaging machine designed for a variety of industries, including pharmaceuticals, food, cosmetics, and others. It is characterized by its stainless steel construction, closed-circuit and pneumatic system, and user-friendly design. The machine's compact and ergonomic structure allows for easy operation, maintenance, and cleaning.

The machine's body is enclosed in high-quality 304 stainless steel casing, with the operating area featuring an aluminum alloy and toughened glass combination protective door for operator safety. The machine utilizes a crank-slider mechanism to place the boxes horizontally, and a rotating chain intermittently transports the boxes and products in an inverted position for packaging. The fixed box storage device can accommodate up to 300 boxes, ensuring a continuous supply of boxes.

The UN-100DZH Cartoning Machine has a user-friendly interface, with a touch screen panel that enables operators to adjust the program settings and monitor the machine's production status. The machine is equipped with a PLC automatic monitoring system and photoelectric detection mechanism, allowing for the detection of box and material shortages, stuck boxes, and overloaded feeding, among others. The machine's mechanical overload protection devices ensure self-protection and reduce machine damage.

The UN-100DZH Cartoning Machine can reliably package products with stable or regular shapes and sizes within a certain range into specific-sized boxes, which are then sealed and sent out. It

can serve as a terminal machine for upstream devices or as an upstream machine for downstream devices such as bundling and box packing. The machine can also function as a standalone device.

The UN-100DZH Cartoning Machine is designed to accommodate various product specifications, with a minimal number of mold types and short production cycles for easy assembly and debugging. It is suitable for both large-scale production and small-batch, multi-variety production needs.

Main Specification

Model	UN-100DZH Automatic Cartoning Machine	
Encasing Speed	40-70 Boxes / min	
Box	Quality requirement	250-350 g/㎡
	Dimension range	(100-300) × (15-100) × (15-65) mm (L×W×H)
The dimensional range of all boxes that can be packed	(45-500) × (15-260) × (15-100) mm (L×W×H)	
Compressed air	Working pressure	≥ 0.6 Mpa
	Air consumption	20 m³/h
Power supply	AC220V/380V 50Hz	
Total power	1.5 KW	
Overall dimension	3500 × 1500 × 1900 mm (L×W×H)	
Machine weight	1000 kg	