

UN-100GZH Automatic Cartoning Machine



Performance features

UN-100GZH automatic cartoning machine is fully enclosed in stainless steel, with a closed circuit and pneumatic construction, making it more user-friendly and compliant with GMP requirements. The drive unit is located at the rear of the machine, completely open on the operator's side, making it easy to operate. The innovative and compact design, coupled with ergonomic construction, allows operators to get as close as possible to the equipment and clean it easily. All operations are simple and easy to perform.

The equipment's outer casing is wrapped in high-quality 304 stainless steel, and the operating area is protected by a combination of aluminum alloy and tempered glass doors, providing safety for the operator.

The machine uses a horizontal cartoning method, using suction cups and the principle of a crank-slider mechanism to place the cartons into the rotating chain. The rotating chain operates intermittently in the same direction, and both the cartons and products are packed and boxed in a lying down manner.

The fixed carton storage device can accommodate 300 cartons to ensure a steady supply.

The operating system uses a human-machine interface touch screen to communicate with the machine, allowing adjustments to be made to various work station programs, monitoring machine production status, and displaying fault alarms.

The program uses a PLC for full automatic monitoring, with a photoelectric detection mechanism that can issue alarms for missing materials, cartons, jammed cartons, and overloaded feeds,

ensuring 100% output of qualified finished products. The count is automatically displayed on the screen.

The machine uses multiple highly reliable mechanical overload protection devices, allowing it to protect itself from sudden events during operation, reducing machine damage.

The UN-100GZH automatic cartoning machine can reliably pack items with stable or regular external shapes within a certain size range into specific cartons and seal them for delivery. It is suitable for the packaging of various drugs, foods, cosmetics, and other related products.

The UN-100GZH automatic cartoning machine can serve as a terminal machine for upstream machines to complete product cartoning tasks, as well as an upstream machine for downstream machines such as strapping and box loading. It can also be used as a stand-alone machine.

The UN-100GZH automatic cartoning machine can meet users' requirements for changing product specifications. It has a small number of mold types, a short mold production cycle, easy assembly and debugging, and can meet both users' needs for large-scale production of a single product and for small-scale production of multiple products.

The UN-100GZH automatic cartoning machine is a reliable and efficient packaging machine suitable for a variety of industries. Its innovative design, user-friendly interface, and automatic monitoring system make it easy to operate and maintain. Whether as a stand-alone machine or as part of a production line, the UN-200ZH automatic cartoning machine is an excellent choice for anyone looking to improve their packaging process. Use of environmental conditions and working conditions

Main Specification

Model	UN-100GZH Automatic Cartoning Machine	
Encasing Speed	80-150 Boxes/min	
Box	Quality requirement	250-350 g/m ²
	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 m ³ /h
Power supply	AC220V/380V 50Hz	
Total power	3.0 KW	
Overall dimension	5000 × 1840 × 1680mm (L×W×H)	
Machine weight	2000 kg	