

Box opening, filling and sealing machine BCKZF3-02



Vertical automatic opening, packing and sealing machine is a new type of mechanical and electrical integration automatic packing equipment developed by our company combining advanced technology at home and abroad. The machine integrates automatic palletizing system, unpacking system, packing system and sealing system in one, with automatic placing mechanism of upper and lower partition and automatic placing mechanism of certificate; the machine adopts PLC + human-machine interface operating system, and the packing action is completed by servo driving mechanism. This machine is suitable for automatic packaging of various specifications of products, and can be used alone or linked with front-end and back-end packaging machines to complete an intelligent packaging line.

This machine can automatically palletize or arrange products of various specifications according to the requirements of the number of products to be packed. After the palletizing is completed, the packaged products are loaded into the packing box through the coordinate clamp (or suction cup) system, and after the packing is completed, it automatically enters the sealing mechanism to seal the box.

The machine has the features of high automation, simple operation and small floor space.

Features:

- The whole machine integrates automatic opening, automatic boxing and automatic sealing in one, small volume and high degree of automation. Integrated structure, space-saving.
- Balcony type design, open work station, easy to maintain and clean, beautiful and elegant, in line with GMP standard.
- Servo motor manipulator with slide rail for packaging.
- Imported pneumatic components assembly design.
- Bus control system.
- Each work station is precisely in place, with photoelectric detection, fault alarm and material protection.
- Material position detection, placement detection to ensure the finished product is qualified.
- Step design of carton material conveying unit to ensure consistent carton working conditions every time.
- Carton conveying belt conveying to ensure sealed and flat appearance.
- Mechanical and moving parts isolation, high safety standard.
- Simple and convenient specification conversion, easy and convenient operation.
- Easy to dock with a series of automatic equipment such as strapping and baling machine, barcode, 2D code online printing, carton labeling, robot palletizing mechanism, logistics conveying, etc.

Technical Parameters:

Model	BCKZF3-02
Capacity	1~3box/min
Box size	The machine can be customized according to the carton size
Power	1.5KW
Voltage	110/220V 50/60Hz
Air pressure	0.5~0.8MPa
Weight	1600KG
Overall dimension	L:3200mm W:1700mm H:1900mm