

Automatic SUS Four Boxes At One Time Servo Vertical Carton Packing Machine Case Packer

Our Product Introduction

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Basic Information

- Place of Origin: Changzhou, China
- Brand Name: TOM
- Certification: CE, ISO
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: seaworthy packing
- Delivery Time: 30 days
- Payment Terms: T/T
- Supply Ability: 10 set per month



Product Specification

- Carton Specification: Customized According To User Samples
- Power Supply: 380V 50HZ
- Whole Machine Power: 4KW
- Gas Source: 0.6MPa Clean And Stable Gas Source
- Production Capacity: More Than 20 Boxes/ Min
- Single Packing Number: 3 Boxes (can Be Adjusted According To The Customers' Needs)
- Gripper Gas Source: Less Than 0.2 MPa
- Machine Size: 2500x1600x2300mm
- Highlight: **Vertical Carton Packing Machine,
Four Boxes Carton Packing Machine,
Automatic Carton Packing Machine**

Overview:

This machine is the latest automatic servo drive in-line packing machine developed by our company according to the needs of the pharmaceutical industry and the characteristics of various foreign packing machines. The machine is mainly composed of: buffer conveying and collecting system, empty box conveying system and servo motor. Packing drive system, mechanical gripper, electronic control system, etc.; according to the packing requirements, the products can be automatically arranged and arranged; the design is new, the structure is compact, and it is suitable for automatic packing of PET bottles, plastic bottles, glass bottles, etc. Bottles or shaped bottles can be customized); the key parts of the products are made of high-quality imported parts, which are extremely cost-effective;

Main feature:

According to the actual production capacity of the user, the host can be designed as one box, two boxes, three boxes or four boxes. The production capacity is different, the number of hands is different, and the prices are different.

Work flow:

automatic bottle feeding - automatic emptying box - servo system lanes whole column - automatic counting - automatic bottle grabbing - automatic translation of empty boxes - automatic boxing - automatic out of the box.

All actions are centrally controlled by the electronic control system. High integration, strong control and reliable operation;

When the host is working, it has interlocking control protection function, all actions are controlled by PLC, photoelectric detection, touch screen operation; when the host is out of bottle, less bottle, lack of box, less box, the host does not work, when the working conditions are met after that, the machine works automatically;

Structure:

The gripper translation device adopts double screw (import) and double rail (inlet) structure design, which solves the jitter of the equipment generated when the cylinder is driven, ensures the controllability, stability and long-term use of the equipment, and reduces equipment maintenance. Cost increases the efficiency of the equipment;

The lifting mechanism of the box guiding mechanism is also controlled by the servo motor, which works smoothly and without jitter;

The mechanical grippers are all high-quality imported cylinders, and the gripping bottles are firm and flexible.

The main frame is made of carbon steel, the exterior is painted, the buffer conveying system, the empty box conveying system, the servo motor boxing drive system, the mechanical gripper and other components are all processed with high quality stainless steel materials;

The machine replacement specifications are convenient and fast; the buffer conveying and collecting system and the empty container conveying system can be adjusted without tools. The gripping and packing guiding mechanism only needs to replace the matching engraving or marked parts; the whole process is probably takes 40 minutes;

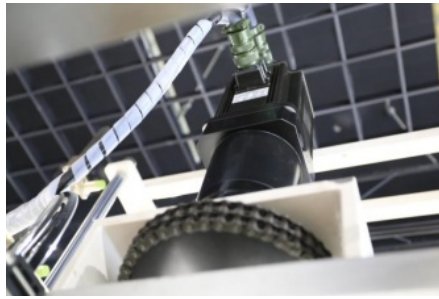
The machine can be used with the assembly line to perform photo-detection and online control of the entire assembly line, thereby saving labor, reducing waste, improving efficiency, ensuring quality, and protecting the environment.

Advantages:

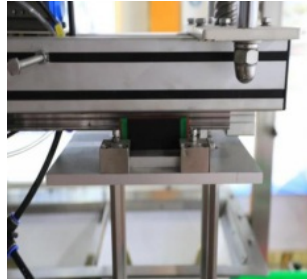
The inlet and outlet conveyors are made of SUS304 stainless steel. The railings on both sides can be adjusted to different box types. The railings are made of aluminum-coated polyethylene protective rods. The surface is smooth and burr-free will not damage the box.



The three axes of x, y and z are driven by servo motor. The work is stable and jitter-free, the positioning is accurate, the grab box is placed in place quickly, the box is not damaged, the control is easy, and the chain uses double-row chains, so that the service life of the machine can be obtained full protection.



The lead screw and the guide rail are all well-known brands in the country, have a long service life, can withstand high-intensity loads, and work smoothly without hindrance.



Photoelectric sensors are detected throughout the equipment to ensure that there are no barrels, fewer barrels, fewer boxes, no boxes, and barrels and boxes are in place before work.



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