



Fully Automatic PLC Controlled Horizontal Bag Packing Machine

Our Product Introduction

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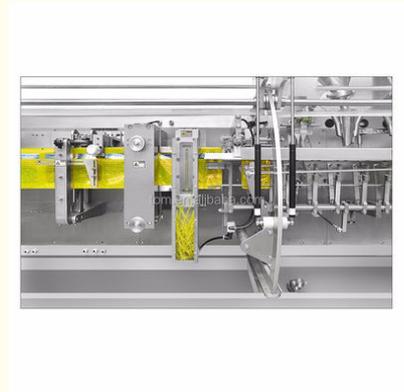
Basic Information

- Place of Origin: China
- Brand Name: TOM
- Certification: CE, ISO,CO
- Model Number: FJ-180
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Plywood case
- Delivery Time: 30 working days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 30 sets per month



Product Specification

- Material: Stainless Steel 304
- Filling Volume: 2-200g
- Speed: 40-80 Bottle Per Minute
- Filling Type: By Screw Or Piston
- Application: Powder, Liquid, Granular
- Model: FJ-180
- Machine Size: 3900mm (L)*970mm (W)*2200mm (H)
- Highlight: **Horizontal Bag Packing Machine, PLC Controlled Bag Packing Machine, Fully Automatic bag packaging machine**



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FJ-180 Fully Automatic PLC Controlled Horizontal Bag Packing Machine

Major characteristics

This machine can be used for the packaging of various heat-sealing multilayer composite films. Automatically complete the packaging process of forming, bag making, filling, coding and sealing. Different filling devices can be used to package different products, such as powder, paste, granules and liquid. The machine is controlled by programmable controller (PLC), touch screen operation, easy to operate and productive. High, wide range of applications, etc.; The electrical control part of the machine is composed of PLC programmable computer program controller, frequency converter, etc. It has strong control ability, high degree of automation, and adopts special equipment to achieve no high or low error in the upper pocket. The edge can be filled with an intelligent system that can be filled when the bag is opened, and the bag is not opened, and the operation is reliable. The application of touch screen technology makes the operation of the machine more reliable and convenient, and the human-machine interface is more friendly. Photoelectric sensors, encoders, proximity switches, etc. all adopt foreign brands, which makes the mechanical and electrical integration of the machine perfect. The machine has fast production speed and convenient specification replacement.

Technical parameters

No.	Items	Performance
01	Power supply	380V±10%
02	Power	8.5kw
03	Air source	0.6Mpa clean and stable compressed air
04	Bag size making	single bag: max: 180mm (W)*225mm (H) Min: 85mm (W)*100mm (H) Double bag: Max (90+90) mm (w)*220(H) Min (80+80) mm (W)*90(H)
05	Suitable film roll	max external diameter: Φ380mm Inner diameter: Φ70mm-Φ80mm
06	Filling product	Powder, liquid, granular
07	Filling range	2-200g
08	Filling error	30g±1 ,30g-200g±0.5
09	Number of filling nozzles	2 filling heads
10	Production capacity	40bags/min-80bags/min
11	Machine weight	about 1700Kg
12	Machine dimension (L×W×H)	3900mm (L)*970mm (W)*2200mm (H)

The application of high precision cam

We use 13 pcs of different specification of cams altogether on this machine, and cam is made of 38 chrome steel, which has excellent abrasion performance, rather than 45# steel which other manufacturers usually adopt. The cam is supplied by specialized manufacturer, with contact surface absolutely smooth. Only TOM use this kind cam, As the bag motion of horizontal bag feeding machine are realized by cam, so the precision of the cam can play decisive role on the running stability and usage life of the machine.

The cam of our horizontal machine is free to replace for life.



The sealing device wheel frame is all processed by stainless steel castings, which has long service life and strong firmness.

The original welded parts are easily deformed and easily broken.



3.The outer frame is made of quality SUS 304, which is supplied by the TISCO steel manufacturer which has highest quality of stainless steel in China, and direc welded with 3mm thickness, only TOM manufacture this thickness. Instead of wrapping the stainless steel skin with an iron frame, the cost of this frame is about 10,000 yuan more than that of the counterparts. The machine is highly resistant to corrosion, beautiful and atmospheric, especially corrosive materials are more suitable and durable.

4.Main electrical components are of international brand name, with Panasonic PLC+HMI.

& Taiwan TECO Servo controlling system. With nearly 10 years of history in manufacturing this series machine, we have accumulated much experience, which help us in making stable quality of the machine, with low maintenance rate, and wide application. The main power inverter adopts the French Schneider brand

5.user-friendly design: in the past inconvenient to refueling, the addition of convenient oiling holes, the machine's service life and stability is more secure; convenient shortcut button, in the operator's position has added a common shortcut button, It is no longer necessary to adjust the operation buttons on the touch screen.



6.The main components of this machine are all international famous brands. The human-machine interface and microcomputer controller (PLC) adopt the Japanese Panasonic brand. The operation is simple and the operation is reliable. The servo control system adopts Taiwan TECO and has been used by the company for nearly 10 years. Has considerable experience, stable quality, wide application environment and low maintenance rate. The main power inverter adopts the French Schneider brand



An oil-water separator is installed in front of the intake main pipe. When the pressure is too high or too low, the host automatically alarms and stops the machine; (All the above alarms are touch screen display and sound and light alarms at the same time)



The Photo Of Our Company



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