

Stainless Steel Rotary PLC Controlled Pump Capping Machine Fully Automatic

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TOM
- Certification: CE, ISO, CO
- Model Number: FXB-8F
- 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: 15 sets per month



Product Specification

- Material: Stainless Steel 304
- Capping Type: Rotary
- Speed: 3000-9000 Bottle Per Hour
- Torque: Can Adjust
- Application: Pump Cap
- Model: FXB-8F
- Capping Head: 6/8/10/12
- Highlight: PLC Controlled pump capping machine, Rotary pump capping machine, 9000BPH pump capper



More Images



Product Description

FXB-8F Fully Automatic Stinless Steel Rotary PLC Controlled Pump Capping Machine

Major characteristics

This machine is rotary pump capping machine, stable working, widely using range, applicable to round bottle, ellipse bottle and square pail's capping, high capping rate;

Integrate bottle inlet, cap elevating, cap sorting, cap feeding, cap pressing and bottle outlet, adopts grasping cap and positioning capping, complete the capping process timing with the bottle moving;

Without any damage to the bottle and cap during capping process, get high qualified rate;

The whole machine controlled by PLC, operated by HMI; can comparable to the foreign similar products, with long service life of spare parts, stable working, low noise, widelu using range, high capping rate.

The machine's surface is treated by polishing, elegant appearance;

This machine's working speed can be adjusted easily, be good for equip with packaging line, it is idea choice for large and medium-sized packaging workshop.

1. In the bottle inlet part, installed bottle feeding screw to make sure the bottle can enter into host machine smoothly, don't splash material; when the bottle reach capping station, the bottle neck will be clamped by clamp device, to make sure the bottle mouth can be center oriented with the capping head and get the good result of capping.
2. When the feeding screw detects bottle inlet, meanwhile, the cap feeding cylinder dispatch cap to cap feeding star wheel, the capping head will grasp cap and adjust the position automatically, this machine has the function of no bottle, no cap.
3. The speed of bottle inlet, capping, bottle transportation and cap elevating can be adjusted in touch screen, to avoid the bottle fall down, bottle blocking happens because the discordant speed, as well as increased the working efficiency; the bottle's star wheel is processed according to bottle shape and the surface is smooth, no hurt to any bottles;

4. Specification adjustment:

- 1) due to different height of bottle, the main frame's height can be adjusted by main motor, convenient and efficient;
- 2) due to different diameter of bottle, only need to replace the bottle star wheel, every star wheel is carved sign, it's easy to find the corresponding star wheel, convenient and efficient;

The mainframe and Outsourcing materials are all use high quality stainless steel 304, long service life and elegant appearance;

5. The machine is intelligentize and humanization, with the function of automatic interlock protection, alarming, yield counting and manual / auto adjusting; the machine is shield by environmental protection door, to ensure the security of operator.

1. Machine protection function:

- 1) Bottle lack / blocking protection: when the bottle lack in inlet place or bottle blocking in outlet place, the machine will stop and alarm automatically;
- 2) Threshold protection: the machine equipped with safety door threshold device, during the normal working, when any door of this machine is open, the machine will stop and alarm automatically;
- 3) Air pressure protection: there's oil-water separator installed machine air pipe, prolong the service life of pneumatic components, when the intake air pressure too high or too low, the machine will stop and alarm automatically (all above alarming will display by touch screen and alarmed through sound-light);
2. When change bottle speicification, all the adjusting part installed digital indicator, scaleplate, and have carved mark or special mark.
3. All the machine's edge, angle part is processed polishing, all the moving part is installed protective cap, to eliminate potential safety hazard, implement production safety without accidents.
4. The machine electric box designed separately, water-proof, gas path, circuit lines standard, no jump lines, with automatic self protection function, there's emergency stop button on control platform;

Technical Parameter:

No.	Item	Performance
01	Overall dimension(L×W×H)	2400mm×1600mm×2800mm
02	Machine weight	2000Kg
03	Suitable pump caps	Customized according to client's caps
04	Number of capping heads	8 heads
05	Production Capacity	≤75bottles/minute

06	Qualified rate of capping	≥98% (Container mouth center deviation less than 1mm, Container mouth face height deviation less than 1mm)
07	Power supply:	AC 380V,50Hz
08	Power	4.5Kw
09	Air operated source	0.6Mpa clean and stable compressed air
10	Filling line height	950mm±50mm
11	The height of touch screen	1300mm≤H≤1400mm (in the direction of bottle outlet)
12	Bottle feeding direction	From left to right

Capping head

According to the characteristics of the user's packaging material, choose using suitable capping head, this capping head will be designed to pressing type.



Touch screen:

Absorb the foreign advanced operation concept, the machine use movable touchscreen, can rotate by 360°, elegant looking and convenient operating.



Defective rejector

the machine can automatically identify and eliminate defective products, which saves a lot of energy for the operator;



Electric cabinet:

The new type of frame adopts the side vertical electrical box structure, which saves a lot of space for the machine and is beautiful and practical, ensuring that the electric box is not easy to be damp and influent; when the equipment is working, the electrical box is not allowed to open from the user's safety. Our company's electric cabinet is equipped with glass. The window is convenient for the user to operate normally inside the equipment running observation device; the hinged door panel ensures that the maintenance and debugging switch door panel is convenient and convenient, and the plurality of cooling fans on the side provide efficient heat dissipation performance to the electrical box; the modular circuit arrangement of the device is strong and weak The electrical wiring is separated, avoiding the possibility of strong electrical interference and other unpredictable problems.



Threshold protection: the host is equipped with a safety door threshold alarm device. During normal production, open the safety door (around the door), and the host automatically alarms and stops the machine;



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



PROCESS



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PANEL BEATING



WELDING FABRICATION



POLISHING PROCESSING



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