

Zhoushan Jinqi Food Machinery Co., LTD

JQ4B250 Fill the sealing machine

Equipment

Itroduction



**Honesty for this, the first behave,
then work**

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JQ4B250 Filling sealing machine

This combination machine is designed according to the improvement of imported machines and the actual demand of the domestic market. Suitable for the filling and sealing of can drinks in the domestic beverage industry.

This assembly machine uses single chamber atmospheric pressure quantitative filling valve which is developed and patented by our factory.

Seal for double roll edge spin forming, frequency conversion speed control, with smooth filling, large flow, fast, filling accuracy, no tank filling, no drip, material cylinder level depth automatic control, material cylinder can automatic cleaning and disinfection, the characteristics of continuous adjustable production speed, material cylinder can be installed according to the customer requirements of stirring, suitable for various types of cans filling and sealing.



plant parameter

Number of filled heads: 18 heads

Number of head seals: 4 heads

Production capacity: 250 cans / min

Suitable tank diameter: ϕ 53- ϕ 99.9mm

Applicable tank height: 90-160 mm

Air source pressure: 0.6Mpa

Motor power: 7.5KW

Overall dimensions: 3,100 X1800X2100mm.

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2. Material

- A. Transmission components: high-quality carbon steel
- B. Filling valve assembly: SUS 304 stainless steel, silicone rubber
- C. barrel parts: SUS 304 stainless steel
- D. Filled parts: Pneumatic control, SUS 304 stainless steel
- E. Conveyor belt part: side plate is SUS 304 stainless steel, conveying chain is POM flat top chain
- F. Workbench components: the frame is carbon steel structure with SUS 304 stainless steel guard plate
- G. Sealing parts: high-quality carbon steel, bearing steel, and tool steel

3. Electrical configuration

A. Touch screen: dimension control	B. PLC: Dimension control
C. Frequency converter: sine	D. proximity switch: Yifu door
E. Switch power supply: Ming Wei	F. Relay: Omron
G. Circuit breaker: Chint	H. Pressure reducing valve: Yadker
I. Power switch: Chint	J. Contactor: Chint
K. Three-phase motor: Luan Xinshun	L. Welded pneumatic disc valve: square square
M. Cylinder: Yade passenger	N. Solenoid valve: Yarker

4. Principle

This machine adopts the principle of atmospheric pressure filling. When the empty tank enters the lifting tray through the pulling wheel, the filling valve and the empty tank are mixed, and the empty tank is raised and sealed, and the valve mouth of the filling valve is automatically opened. Stop the filling when the return gas outlet of the valve is blocked by the filling liquid level. The can is sent to the sealing head through the hook chain, and the lid is sent to the can mouth by the cover device. When the tank mechanism is raised, the pressure head presses the tank mouth, and the sealing wheel is pre-sealed and sealed. After the tank is sealed, it is rolled out by the tank beating mechanism to complete the process of the tank from filling and sealing.

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