

SUS304/316 High Efficiency HYG6-500 Automatic Linear Paste Filling Machine

Specifications :

Price	Contact us
Brand Name	Hanyi
Place of Origin	China
Min.Order Quantity	1
Payment Terms	T/T
Supply Ability	100
Delivery Detail	5 days - 20 days
Packaging Details	Standard export wooden case or carton box

Detail Introduction :

HYGT6-500 automatic linear paste filling machine

This type of paste filling machine is an improved design based on similar foreign products, and some additional functions have been added. This makes the product easier and more convenient in terms of operation, accuracy error, installation adjustment, equipment cleaning, maintenance and so on. It is widely used in food, medicine and other industries, and can be filled with different liquid and viscous products. The machine has compact and reasonable design, simple and beautiful appearance, and convenient adjustment of filling volume.

The filling is carried out with volumetric filling plugs, with high accuracy and large dosage range. It can adjust the filling volume of all pump bodies as a whole, and can also adjust a single pump body slightly, which is quick and convenient.

The plunger pump filling system does not absorb materials, has good chemical stability, high temperature resistance, corrosion resistance, wear resistance, and long service life.

It adopts stainless steel pneumatic control rotary valve and uses different viscous materials.

Pneumatically controlled low-leakage-proof filling needle, no dripping or drawing.

The high-level liquid storage cylinder, the refill is controlled by the level switch.

Frequency conversion speed regulation, automatic display count, no bottle no filling.

The whole machine is designed according to GMP requirements.

Shanghai Hanyi Engineering Equipment Company is an experienced supplier of filling machines and solutions in China.



Technical parameters:

Number of filling heads	6 heads	Power	550w
Filling capacity	(500-2500 ml)	Net weight	500kg
Production capacity (bottles/hour)	2000 bottles/hour based on 500ml bottles	Machine size	1200*1150*1965mm
Filling accuracy	±1%, Self-flow quantitative filling	/	/

Filling machine operation procedures:

The liquid level measuring probe detects the liquid level in the liquid tank. When the liquid level is low, the liquid enters, and when the liquid level is high, the liquid stops. The bottle enters the filling area; the additional angle valve is opened and the liquid is injected into the bottle.

During filling, the filling head rises with the liquid level. After filling, the bottles come out of the machine and a new cycle is started.

During the filling process, the bottleneck clamping cylinder positioning mechanism is used to fix the position of the bottle, so that the filling valve can be matched and insert into the corresponding bottle. If not, the positioning piece will move backward and the bottle will move on the conveyor belt. The bottle positioning mechanism is used to detect and control the position of the bottle. Bottles enter from the left side of the conveyor. When the number detected by the feeding bottle sensor reaches 8 bottles, the feeding bottle blocking cylinder is closed and the bottles will not enter. Until the front bottles are filled, the discharge bottle blocks the oil cylinder. When the discharge bottle sensor detects 8 bottles, the block cylinder of the discharge bottle is closed and a new cycle is started.

Automatic capping machine



Power?0.75KW

Capacity?0-30times/minute

Sealing bottle height: 38-150mm

Applicable cover diameter: ?20mm-?68mm (can be customized)

Applicable bottle height: 80-300mm

Conveyor line and power head



Stainless steel conveyor line

Width: 82.6mm

Material: 304#

Power: 0.75KW

Drive the conveyor line to transport the bottles in and out.