



## *Automatic Filling Machines*



Automatic filling machines is special filling for liquid items, with 1 heads filling, would reach the speed 1800 bottles per hour for 500ml bottle. it is welcome by customer and customer offer it a name as smart machine, as it reach accurate capacity and also would automatic cleaning funciation as well.

### **Efficient filling**

Only one filling heads would reach the high-speed, using infrared sensor to accurately find the bottle, follow-up filling, no pause in the production process, filling about 1800 bottles per minute with a capacity of about 500ml. would save the space when you use this machine.

### **Smart machine**

The mobile high-speed filling machine can debug the bottles of different shapes, different heights and different capacities in just a few minutes, and enter the next wave of production, completely solving the problems due to the wide variety, the small number of single items and frequent adjustments. Time-consuming and laborious problem.

### **Accurate capacity**

The mobile high-speed filling machine adopts full-automatic servo motor to drive the piston filling, and the filling quantity is accurate and uniform, completely solving the trouble caused by the error of filling capacity.

### **Small footprint**

Automatic Filling Machine is small and exquisite, and the installation site of the whole machine only needs 4 square meters, which greatly saves production space and effectively improves the utilization rate of the workshop.

## **Automatic cleaning**

Automatic Filling Machine has an automatic cleaning function, which can reduce the workload of the workshop more effectively and greatly save the time of refueling and replacing the production line.

## **Cost-effective**

Automatic Filling Machine is beautiful and durable. The whole machine is made of stainless steel 304, and the surface metal wire drawing process is of great value.

## **Technical Parameters:**

1. Number of filling heads: 1 head, 2 head, 4 head, 6head
2. Filling capacity: 100ml to 5000ML
3. Filling form: full servo drive filling
4. Filling speed: about 1800 bottles / minute for 1 head.
5. Filling accuracy:  $\pm 1\%$
6. Material: 304 stainless steel for filling frame
7. Program control: PLC + touch screen
8. Filling mouth and trough contact liquid parts material: 304# stainless steel, food grade PVC
9. Air pressure: 0.6-0.8MPa
10. Conveyor belt: 82mm wide POM chain belt, speed 0-15 m / min, height 850mm  $\pm$  25mm off the ground
11. Conveying motor: 370W variable frequency speed regulating motor
12. Power: about 4KW/AC220V 50/60HZ
13. Tank capacity: approx. 200 liters (with level switch).