

## BOTTLE WASHER



**Parameter:**

Model	
Number of bottle heads	32 Heads
Applicable bottle diameter	Custom
Applicable bottle height	Custom
Water Consumption	1m³/h
Voltage	0.55kw,220V/110V(custom)
Bottle washing speed	2500pcs/h
Bottle conveyor height	50-400mm
Net weight/Gross weight	About 100kg/150.5kg
Machine size	About 653*503*1320mm
Package size	About 1010*1000*1470mm

**Machine Introductions:**





Bottle holder is designed for holding and fixing bottles during washing, it is possible to customize bottle holders according to different sizes of bottles. Make sure the machine can work perfectly. There is a filling nozzle in the bottle holder which is designed for cleaning the inside of bottles.

The water-proof curtain can prevent splashing from water, there is a nozzle which is designed for cleaning the outside of bottles, improve working quality.





Equipped with greater motor, this makes sure the machine works more stably and faster.

The valve is used to connect the water and makes sure the machine can use the clean water in real time, improve cleaning quality.



ZS-WB32 bottle rinsing machine is designed and manufactured on the basis of the structural principle of the rotary table rinsing machine to greatly increase the draining time.

**Its characteristics are:**

1. It is suitable for washing old and new bottles of various types and materials.
2. The outer wall of the bottle is sprayed, the inner wall is rinsed, and the rinsed bottle is hygienic and clean.
3. Tap water pressure has wide adaptability and low water consumption.
4. It is easy to maintain, and adopts stainless steel water tank, which is beautiful and elegant, and is corrosion-resistant.
5. Labor and labor saving, high production efficiency, suitable for large, medium and small liquid manufacturing plants.

**1. Main technical parameters:**

1. Number of flushing heads: 32 heads
2. Working efficiency: 2000-3000 bottles/hour
3. Motor power: 0.37kw
4. Power supply voltage: 380v
5. Total weight: 130kg
6. Spray times: 1 time

**2. The principle of bottle flushing:**

1. The outer wall of the bottle is continuously sprayed with tap water, and the spray pressure can be adjusted by the spray switch.
2. The flushing of the inner wall of the bottle adopts the secondary positioning flushing method. There is a pair of water diversion valves at the bottle rinsing end, namely the fixed water diversion valve and the dynamic water diversion copper valve. After the bottle rinsing water enters the fixed water diversion valve, it will enter the water spray part in two ways. The moving water diversion copper valve rotates with the driving shaft, and there are 14 equally divided water spray holes and water nozzles on it. Rinse the bottle with water spray and rinse twice.

**3. How to use:**

1. Before use, first check whether the bottle holder is firm, whether the outlet of the water storage bucket is connected to the water outlet pipe and merged into the sewer, whether the water inlet pipe is installed correctly, whether the power wiring is intact, and whether the ground wire is connected properly.
2. Turn on the power, run the whole machine, and at the same time put on the bottle and turn on the main water inlet switch and the spray switch.
3. Adjust the spray pressure and the flushing pressure of the inner wall of the bottle through the spray switch and the main water inlet switch.
4. When shutting down, turn off the main water inlet switch and the spray switch at the same time, and then cut off the power supply.

**4.maintenance and repair:**

1. Inject 20-30# engine oil into the reducer for lubrication, and replace the engine oil once a year.
2. Regularly add drops of engine oil or butter to lubricate the meshing surfaces of each gear.
3. Check the fastening degree of each fastener of the bottle rinser at any time, and whether the motor belt is loose and slippery.
4. When it is found that the pressure of the rinse nozzle is insufficient or there is no pressure, remove the upper cover of the water storage bucket, check the nozzle, whether there is any foreign object blocking the water inlet pipe, whether the water inlet pipe is leaking or folded, remove the bottle rinse funnel, and open the water inlet. The pipeline is there to troubleshoot.
5. If it is found that the flushing effect of the whole machine is not good, first check whether the water pressure is normal, then unscrew the upper fastening nut, remove the dynamic water diversion copper valve to check whether the two contact surfaces are seriously worn, and make grooves for re-grinding and repairing.

## **5. Matters needing attention:**

1. The diameter of the spray hole on the water nozzle is only 2.5mm, be careful not to be blocked by stolen goods.
2. The water supply for the inner flush and the outer shower is the same pipe. Pay attention to using the valve to properly limit the amount of outer shower water, otherwise it will affect the amount of inner flush water.
3. After positioning the machine, connect the ground wire and pay attention to the safety of electricity use.
4. The whole machine runs clockwise, and reverse rotation is strictly prohibited.