

Automatic Water 3 In1 Filling Machine



The water filling machine is mainly used in the beverage filling operations. The three functions of bottle wash, fill and seal are composed in one body of the machine. The whole process is automatic. The machine is used in filling juices, mineral water and purified water in bottles made of polyester and plastics. The machine can also be used in hot filling if being installed with temperature controlling device. The handle of the machine can be freely and conveniently turned to adjust the machine to fill various types of bottles. The filling operation is faster and more stable because the micro pressure filling operation of the new type is adopted.

Features

1. The Machinery can provide whole producing and packaging solutions for water, pure water, mineral water, spring water, drinking water etc.
2. It adopts technology of air conveyor direct connect with bottle infeed starwheel to instead of screw and conveyor. it is easier and more simple to change over bottle size. Adopt neck handling technology to convey bottles. there is no need to adjust the height of equipment and only need to change some spare parts.
3. By 3-in-1 monoblock, the bottle goes through washing, filling and capping with little abrasion, and the transferring is stable, bottle changing is easier. Specially designed stainless steel bottle gripper dose not contact the thread parts of the bottle neck, avoiding the second contamination. High speed and mass flow filling valve ensures the high filling speed and exact fluid level. Parts contacting liquid are all made of excellent stainless steel or food grade engineering plastic. The electric system is from international brand and achieves the national food hygienic standard. The bottle-out starwheel is helical structure, while changing over bottle size. It is no need to adjust bottle-out conveyor height.

Parameters

Filling material	Water, juice, tea, oil, wine, ect
Filling nozzle	8/18/32 nozzles (customized)
Filling volume	100/500/1000ml/2000ml (customized)
Polyester bottle standard	bottle diameter 50-90, Height 150-310
Filling speed	3000-30000bottles/hour
Filling precision	±1%(liquid level)
Gas source pressure	2-3mpa
Power	220/380v 50/60 Hz
Total power	3.84kw
Single machine noise	≤50dB