



Full Automatic Bottled Water Filling Production Line



Automatic machine for bottle washing filling and capping, with 18 washing chucks, 18 filling valve and 6 capping heads, production capacity for 500ml mineral water is 4000-6000 bottles per hour. The available bottle sizes for this machine are 300ml – 2000ml.

Bottle washing machine

- A) The rotating disc is made of stainless steel SUS304 welded.
- B) With a special high-efficiency spray nozzle, the water can be flushed to any part of the inner wall of the bottle at a set Angle. The water can be thoroughly rinsed and the water for bottle flushing can be saved.
- C) Corrosion-resistant maintenance-free bearing is adopted for bottle holder and sliding sleeve of lifting mechanism.
- D) The power of bottle punching machine is transmitted by the transmission system inside the frame through the gears.

Filling machine

- 1. All the rotating plates are made of stainless steel SUS304.
- 2. The filling method is pressure filling.
- 3. Filling valve adopts 304.
- 4. Reasonable filling valve structure design and accurate filling quantity.
- 5. The filling process by filling valve through the CAM lifting complete.
- 6. The filling machine power is transferred by the transmission system in the frame through the gears.
- 7. In the connection of washing, filling and sealing, the idler wheel and the sealing cap shall be connected with the annular clamping bottle body conveying method.

The screw cap machine

The cover falling guide rail is provided with a mechanism to prevent the back cover from passing through and take out the back cover. At the same time, a set of photoelectric switches are installed. When there is no cover on the cover falling guide rail, the machine will automatically stop running, which can effectively avoid the appearance of no cover bottle.

Technical Parameters:

Machines	Function
Bottle Blowing Machine	Making bottles by blowing preforms
Water Treatment System (For Pure Water)	Booster pump-dosing device-sand filter-active carbon-precision filter-high pressure pump-RO system-Ozone/UV sterilizer-water tank
Water Treatment System (For Mineral Water)	Booster pump-dosing device-sand filter-active carbon-precision filter-Hollow filter-Ozone/UV sterilizer--water tank
Water Filling Machine	3 in 1 Washing, Filling, Capping machine// 5gallon water filing machine
Bottle Labeling Machine	Put Labels on the bottles
	PVC sleeve labels // OPP Labels // Adhesive Label
Code Printer	Printing production date in bottle
	Inkjet printer // Laser Printer
Bottle Packing Machine	Group Bottle like: 24=4*6 ,12=3*4 6=2*3
	Shrink film wrap // carton packer