



Pure Mineral Water Plant Project of Drinking Water CGF8-8-3



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:

Model	CGF8-8-3
Overall dimension (mm)	2000*1550*2000
Production capacity	2000-3000 b/h (500ml)
Suitable bottle sizes	300ml-1500ml
Pressure of air source	0.6Mpa
Used air	0.3m ³ /min
Water pressure of washing bottles	0.2-0.25Mpa
Used water of washing bottles	0.5 T/h (Max. it can be adjusted)
Filling mode	Atmospheric pressure filling
Total capacity of motor	3.8Kw
Rating pressure	380V50Hz
Weight	1500kg
The machine includes	2M air conveying system in front, 2M conveying system for bottles out in back, cap elevator (air conveying).