

Filling Machine CGF16-16-6



CGF series drinking water filling machine integrates bottle washing, water filling and capping into one monobloc, and the three processes are carried out full automatically. It is used in the filling of mineral water, pure water, and other non-carbonated beverage. For electrical elements, we use Siemens, Mitsubishi, Omron, Schneider, Airtac, etc. which are famous brand and with assured quality. Each machine element that contacts with the liquid is made of high quality stainless steel. The critical components are made by numerically-controlled machine tool, and the whole machine condition is under detection by photoelectric sensor, no bottle no filling, no bottle no capping. It is with advantages of high automation, easy operation, good abrasive resistance, high stability, low failure rate, etc. The quality reaches the international advanced level. It is the best choice for new and old beverage production line investors.

Applicable range:

It is applicable for different water filling, three-in-one machine for PET and glass bottles integrate the function of rinsing, filling and capping together. Based on advanced technology overseas and designed according to the filling processing demands of natural mineral water, pure water, spring water and etc. such as pu different bottles: for example: glass bottles, plastic bottles

Applicator for bottle shape: round bottle, square bottle, flat bottle, curved bottle

Feature:

- 1) With bottle neck clipping transmission structure, the bottle conveyance is stable; very convenient and swift to use different bottles for filling in the same machine by adjusting the height of conveyor and several exchanging parts.
- 2) With micro-negative pressure filling theory, filling speed is quick and precision is high; the filling level is adjustable.

- 3) With spring type washing clipper, empty bottles are turned 180° along the guiding roll for inside rinsing; the washing nozzle adopts plum blossom shape multiple holes to rinse the bottle bottom, washing efficiency is high.
- 4) Capping machine adopts France technology, the capping is by magnet torque; the cap catching adopts twice catching to ensure the veracity. The capping force is adjustable, constant torque capping will not damage caps and the cap is good sealed and reliable.
- 5) Rotating type cap unscramble adopts air unscrambling, with functions of cap surface damage-resistance, alarm if lack of cap, auto cap feeding etc.
- 6) The whole machine is operated by touch screen, controlled by PLC and frequency convertor etc., with functions of no bottle no cap feeding, waiting when lack of bottles, stopping if bottle is blocked or no cap in cap guiding pipe.

Technical Specification:

Model:	CGF16-16-6
Washing head	16
Filling head	16
Capping head	6
Production capacity	6000BPH On 500ml
Air source pressure	0.5-0.6MPa
Rinsing pressure	0.2-0.3 MPa
Bottle height	150-340MM
Bottle diameter	Φ50-Φ110MM
Rinsing water consumption	0.5T/H
Filling way	micro-negative pressure filling, room temperature filling
Power	3ph, 380V/50Hz, 3KW
Overall size	2400*1800*2400 mm (L*W*H) mm
Weight	3000Kg