

## CSD Filling Machine DCGF16-16-6



### Product introduction:

DCGF Series carbonated drink filling machine integrates bottle washing, carbonated beverage filling and capping into one monobloc, and the three processes are carried out full automatically. It is used in the filling of cola, sprit and other carbonated beverage. It is equipped with CO2 accuracy pressure control, so that the liquid level is always stable. The application of alarm devices for bottle jam, bottle shortage, bottle damage, cap shortage, over loading etc. in several places ensure the quality of its production. The machine obtains advantages of high reliability, high efficiency, high grade of automation and easy operation, etc

### Applicable range:

It is applicable for different carbonated beverage, coca cola, soda water, three-in-one machine for PET and glass 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 balance pressure filling theory, low temperature filling, filling precision is high and 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 capunscrambler 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:**

<b>Model:</b>	<b>DCGF16-16-6</b>
Washing head	16
Filling head	16
Capping head	6
Production capacity	2500BPH@500ml
Air source pressure	0.5-0.6MPa
Rinsing pressure	0.15-0.2 MPa
Bottle height	150-280MM
Bottle diameter	Φ50-Φ90MM
Rinsing water consumption	0.5T/H
Filling way	Balance pressure filling, 2-8°C temperature filling
Power	3ph, 380V/50Hz, 3KW
Overall size	2400*1800*2400 mm (L*W*H) mm
Weight	2600Kg