



CGF16-12-6 Automatic Small Water Bottling Machine



The machine combines washing, filling and capping three functions in a body, used to produce polyester bottled mineral water, purified water, alcoholic beverage machinery and other non-gas beverage machinery. the whole process is automatic, Filling way using the gravity or micro pressure filling, make the speed is faster and more stable, so with the same model our machine output is higher and more efficient. The machine adopts advanced Mitsubishi programmable controller (PLC) to control the machine to run automatically, interworking with inverter running more stable and reliable. The photoelectric sensor detects all part running state, with high degree of automation, easy operation.

Working principle

The air conveying tunnel is installed in the ground by support, the fan is installed above the conveying tunnel. In the air inlet, has air filter, it can protect the dust be blown in to the bottle. And the bottle is transported into the three-in-one unit by air conveyor.

Features

1. Using the wind sent access and move wheel in the bottle directly connected technology; canceled screw and conveyor chains, this enable the change the bottle-shaped become easier.
2. Bottles transmission adopt clip bottle neck technology, bottle-shaped transform not need to adjust the equipment level, only change related the curved plate, wheel and nylon parts is enough.
3. The specially designed stainless steel bottle washing machine clip is solid and durable, no touch with the screw location of bottle mouth to avoid secondary pollution.
4. Nozzles in the grab can guarantee the complete wash of the interior of the bottle.
5. High-speed large gravity flow valve filling valve, filling fast, filling accurate and no liquid lose.

6. Spiraling decline when output bottle, transform bottle shape no need to adjust the height of conveyor chains.
7. Super-low star wheel structure can highly improve the strength of the whole machine.
8. Central greasing oil system can grease all bearings easily.
9. Screw capper adopts French advanced technologies which can screw cap promptly when clamping bottle.
10. Host adopt advanced PLC automatic control technology, the key electrical components from famous company such as Japans Mitsubishi, France Schneider, OMRON, ABB.
11. Easy to operate, save the cost for workers.

Technical data

Model	CGF16-12-6
Capacity	4000 PBH
Washing heads	16
Filling heads	12
Capping heads	6
suitable bottle	PET bottle, plastic bottle
Diameter of bottle	55-110mm
Height of bottle	150-310mm
Suitable cap	Plastic screw cap
Weight	2000kg
Main motor power	1.5kw