



3 Gallon Water Bottles Filling Machine QGF-120



The machine is used for 3 gallon & 5 gallon water filling, which is composed of washer, filling and capper.

1. Automatic break protection for power leakage and short circuit;
2. Under-pressure protection: when incoming air's pressure is Less than or equal 0.5MPa, the equipment will be automatically stopped.
3. Water-shortage protection: when the level of the water tank is lower than that of the liquid switch, the equipment will be automatically stopped.
4. Remarks: We can add other functions as customer's requirements like: hot tank heating washing, bottle external washing, cap washing, capacity note and man-machine control.

This 5 gallon bottle filling machine is specially designed to fill the purified water and the distilled water, mineral water and other bacteria free liquids.

The 18.9L bottle filling equipment is applied with 5 gallon bottles.

As the equipment integrates the processes of bottle washing, filling, lid mounting, lid pressing and finished product delivering, it is the ideal choice of water plants.

Advantages:

- 1.) The machine integrates rinser, filler and capper together.
- 2.) The machine is of stainless steel, resisting corrosion and easy to clean.
- 3.) The main electrical components and gas circuit elements are all of international brand.
- 4.) Water pump is Nanfang, Hangzhou (Grundfos is available)
- 5.) Nozzle is of America's Spraying System Company's technology.

Details Informations:

Semi automatic 5 gallon decapper and washing machine (associated equipment for this filling line)

1. The empty barrel inverted and insertion pulling out cap stations, foot air valve plate, pulling cap head will pull off the lid into the pipeline.
2. Open the brush barrel cover, insert empty barrel pulled out cap into washing barrel station, close machine cover and automatically open water pumps and hair brush.

Washing-filling-capping 3-in-1 Monoblock

1. 3-rows 12-washing stops. Everything stop is about 23 seconds
2. 304 stainless steel insert type filling nozzle, two time high precision filling, filling volume adjustable.
3. Water pump: 304 stainless steel pump. three washing pumps and one filling pumps.
4. Mitsubishi PLC controlling system, all full-automatic working, Schneider & Omron brand other electric parts
5. With AIRTAC brand air cylinder, F.R.L. Combination and Electromagnetism valve for air cylinder.
6. Machine frame and body: all 304 Stainless Steel, combine with clear fiber glass windows

Technical Parameters:

Model	QGF-120	QGF-300	QGF-450	QGF-600
Filling heads	1	2	3	4
Filling capacity	3-5gallon	3-5gallon	3-5gallon	3-5gallon
Barrel size	φ270×490	φ270×490	φ270×490	φ270×490
Machine capacity	120bph	300bph	450bph	600bph
Gas pressure (Mpa)	0.4	0.4	0.6	0.6