



5 Gallon Barrel Washing Filling Capping Machine



Description

The QGF series 5 gallon water filling machine is the core equipment in large-capacity barreled drinking water production. Designed for 10~20L barrels, this fully automatic system integrates washing, filling, and capping into a compact structure with advanced automation. Built from premium stainless steel and equipped with Siemens, Omron, and Airtac components, it ensures reliable performance, corrosion resistance, and easy cleaning. With high washing precision and stable filling, it is the ideal solution for producing purified, mineral, or distilled water at 100~1200 barrels per hour.



Suitable for

Purified water, mineral water, distilled water production lines

Technical Specifications

Model	QGF-120	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
Production Capacity (Bottles/hour)	100~150	250~300	400~450	600	900	1,200
Filling Heads	1	2	3	4	6	8
Machine Type	Linear Type	Linear Type	Linear Type	Linear Type	Rotary Type	Rotary Type
Filling Capacity(L)			10~20L			
Power Supply			φ270x490mm			
Barrel Specification			0.4~6			
Air Source Pressure(Mpa)	0.35	0.5	0.5	0.6	0.6	0.6
Total Power(Kw)	2.9	3.5	4.3	6.2	8.7	9.5
Overall Dimensions(mm)	2600x650x1550	3900x1500x1700	3900x1775x1700	3900x1775x1700	2200x1860x2200	2560x2350x2200
Weight(kg)	800	1,500	2,000	2,500	3,000	3,500

I Machine Features

- 3-in-1 design: barrel washing, filling, and capping in one system
- High washing precision: adopts U.S.-made spray nozzles for inside & outside cleaning
- Stainless steel SUS304 construction for hygiene and durability
- Corrosion-resistant & easy to clean structure
- Reliable automation with Siemens & Omron electrical components
- Stable performance with Airtac pneumatic parts
- Compact structure & full automation reduces labor costs
- Ideal for purified, mineral, and distilled water bottling plants



I Filling System

- Mechanical valve
- Liquid level detection valve
- Flow meter
- Electronic Weighing

I Recommended Related Machines



Water Treatment System



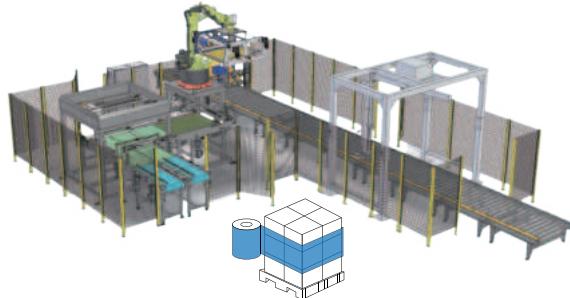
Labeling Machine



Film Wrapping Packing Machine



Carton Packing Machine



Palletizer+ Stretch Film Wrapping Machine



Bottle Blowing Machine