

PET Bottle Filling Line for Pure Mineral Water Production QGF-900



Description:

- Consists of cap puller, exterior&interior brusher, sterilizing-rinsing-filling-capping monoblock, bottle mouth labeling machine, wrapper, palletizer.
- Siemens PLC with touch screen, Schneider electric components for better performance.
- Sterilizing&rinsing process: 1st, 2nd position: sterilizing; 3rd position: dripping; 4th, 5th position: reflux water rinsing, 6th position: dripping, 7th, 8th position: purified water rinsing, 9th position: dripping; 10th, 11th position: purified water rinsing, 12th position: dripping.
- Internal & external spraying nozzles for through cleaning.

Technical parameter:

Model:	QGF-900
Material:	SUS304/SUS316
Control method:	PLC
Working position:	One line with 12 rinsing&sterilizing positions
Rinsing nozzles:	Up-down movement, insert into the barrel mouth by 100mm
Barrel size:	Ø276*490*Ø56mm (customizable)
Cap size:	Ø56*39+17*8 (customizable)
Filling nozzle:	2
Capping method:	Pressed by pneumatic cyclinder
Capacity:	900 Bottle/hour
Power:	17.7 KW (3 pumps for sterilizing&rinsing, 1 pump for filling)
Air pressure:	0.6--0.8Mpa
Air consumption:	0.6m ³ /min
Rinsing water consumption:	2 ton / hour (sterilizing water can be reused)
Filling water consumption:	6 ton / hour
Dimension:	5500*1500*2200mm
Weight:	3000 kg