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18-18-6 Automatic 3 In 1 Mineral Water Filling Machine



Automatic machine for bottle washing filling and capping, with 18 washing chucks, 18 filling valve and 6 capping heads, production capacity for 500ml mineral water is 4000-6000 bottles per hour. The available bottle sizes for this machine are 300ml – 2000ml.

Main features of the equipments:

- 1.Using the wind sent access, with clamp hanging the bottle neck ; which can keep the bottle shape and high-speed.
- 2.Washing bottle mouth with special designed washing manipulator, clip in the bottle neck, stable and avoid secondary pollution.
- 3.Filling uses lifting valve, adopts micro pressure filling principle to ensure correct filling. 4Capping adopts French advanced technology, cap sorter install in a lower position, send cap in level position.

Main Technical Parameters:

Capacity	4000-6000bottles/hour (500ml)
Bottle Diameter	Φ50~95mm
Bottle height	150~320mm



Cap specification	Standard plastic rib caps
Bottle washing pressure	0.18~0.25Mpa
Water consumption of bottle washing	1200kg/h (can be adjusted)
Spraying working position	10
Gas source pressure	0.4Mpa
Air consumption	0.5m ³ /min
Total Power	8.63KW
Weight	3000Kg
Overall Size	2450x1800x2200 (mm)

Main Configuration List

No.	Name	Original
1	Touch screen	Japan Mitsubishi
2	PLC	Japan Mitsubishi
3	Transducer	Taiwan Weinview
4	Module	Japan Mitsubishi
5	AC contactor	Schneider
6	Thermal relay	Schneider
7	Circuit breaker	Schneider
8	Circuit breaker	Schneider
9	Emergency stop switch	Shanghai
10	Power light	Shanghai
11	Photoelectric switch	AUTONICS

Main components of this machine:

3 in 1 washing filling and capping machine	1
Cap loading system (new belt type)	1
Air Conveying System	2 meters
Belt conveying system	3 meters



Pictures of the 3 in 1 Mineral water filling machine:



Washing, filling and capping part



Washing units



Filling nozzle



Capping head

