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600B/H 5 Gallon Bottled Water Filling Machine



When the bottle feeding optoelectronic switch in the end of machine detect bottle infeed, the conveyer chain in the washing machine will be run and drive the bottles to the first washing position, and bottle conveying unit stop and start rinsing process. The machine is with 4 rows and 12 washing positions for bottle elevating type rinsing, the maximum washing time is 20 seconds.

Washing pumps are using high standard CNP high-pressure pumps, and the pumps are set outside of the machine for easy maintenance. All the washing tanks are using round type best standard water tanks.

1st Washing position: drip off.

2nd- 3rd Washing positions: Hot alkaline water washing (**hot alkaline water can complete clean up dirt in the bottle, with suction opening for related washing positions to drain mist**)

4th washing positions: Recycled water washing

5th washing position: drip out

6th -9th washing positions: disinfectant washing

10th position: recycling(recycle the disinfectant left in the bottle)



11th washing position: pure water rinsing(with bottle rise up system and rotary washing)

22th position: drip out



With disinfectant recycling system, double medium filtration and recycling system, easy for sampling and testing, each water tank with low liquid level sensor, if low level the machine will stop and alarm

Main Configuration List

 <p>Rinsing machine</p>	Item	Model/ specification	Origin
	Recycle water washing pump	CHL4-20, 0.55 KW	CNP
	Alkaline water washing pump	CHL8-20, 0.75 KW	CNP
	Disinfectant washing pump	CHL8-20, 0.75 KW	CNP
	Filling Pump	CDL16-20 2.2KW	CNP
	Washing conveying motor	RV75-100	MOTOVARIO
	Bottle output cylinder	SC50*300	Pneulead
 <p>Quick reflux unit with warming function</p>	Bottle push cylinder	MAL40*75	Pneulead
	Bottle pulling cylinder	MAL32*25	Pneulead
	Rising nozzle rising cylinder	MAL32*50	Pneulead
	Low pressure electric element	AC contactor, signal relay	Schneider
	Power capacity	22.0KW	
	Overall dimension	6100 (L) x2500 (W) x2200 (H) mm	
	Material	Frame: 50x 50x2.0mm; panel: 1.5mm; SUS304	

Non-contact frequency control filling system

With bottle mouth clamping unit for accurate positioning.

Filling system with frequency control, initially big volume filling, when reach 80% full will change to small volume to avoid water spill over.

Pictures of the 600B/H 5 Gallon Bottled Water Filling Machine:

