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CGF32-32-10 Rinsing Filling Capping 3 in 1 Machine



CGF32-32-10 PET bottle Washing / filling / capping machine is a three-in-one combination of our advanced technology of atmospheric pressure filling technique, and it is the application of independent research and development, it will be the same with pure water and mineral water advanced bottling models. This machine adopts conveying way for clip bottles' lips, only need to replace very few parts; it can be applied to a variety of bottle type, smooth delivery. Filling method is Atmospheric pressure filling.

- ★The main frame adopts structural steel, 304 stainless steel exterior layer, 304 stainless steel frame, adjustable feet.
- ★Conveying system adopts star wheel, smooth transmission, stainless steel chain, it will be a smaller deformation.
- ★Number of washing clips is 32, 304 stainless steel chassis wash pipe, rinse water filtration system.
- ★Number of filling valve is 32 and parts contacted with product are 304L stainless steel. Inner surface is dealt with polishing. There is stainless steel returning tube, no dead space.
- ★Number of capping head is 10, screw head using magnetic torque device to facilitate torque adjustment, it can be set the size of the first torque of capping in accordance with the actual production needs.

Power system

- ★Main Motor and Gearbox with frequency controller, transmission for sports bodies are gears, run smooth, all-round star bottle components are engineering plastics, with security agencies.
- ★PLC, transducer, relay, photoelectric switch, sensor switch relay components, touch screen operation panel, imported pneumatic components .



Technical Parameter:

Model	XGF32-32-8
Production capacity	10000-12000 b/h(500ml)
Pressure of air source	0.4~0.6Mpa
Used air	0.3m ³ /min
Water pressure of washing bottles	0.2-0.25Mpa
Used water of washing bottles	1.5T/h(Max. it can be adjusted)
Filling mode	atmospheric pressure filling
Main motor power	3.0Kw
Total capacity of motor	4.5Kw
Rating pressure	380V50Hz
Weight: about 6.5 T	about 6.5 T
Overall dimension(mm)	3200x2200x2300
Other	It includes 4M Air conveying system for bottle in, cap elevator, cap unscrambler, 4M conveying system for bottle out.

①. Touch screen and electric appliances

No.	Name	Type	Producing area
1	Touch screen	F940GOT-WD-c	Japan Mitsubishi
2	PLC	FX1S-30mr-001	Japan Mitsubishi
3	Transducer	FR-E540-3.7K-CH	Japan Mitsubishi
4	Module	FX1N-485-BD	Japan Mitsubishi
5	AC contactor	LC1-D0910/AC220V	Schneider
6	Thermal relay	LR2-D1308N	
7	Circuit breaker	DZ47-3P/32A	
8	Circuit breaker	DZ47-1P/3A	
9	Emergency stop switch	Y090-11ZS	
10	Power light	AC24V-LED	
11	Potentiometer	4.7K-1/2W	
12	Communication cable	FX-50DU-CAB0-5M	Domestic

13	Converter cable	RS-485	Domestic
14	Connector bar	TD-2010	
15	Connector bar	TD-15/45	
16	Transducer	PR18-5DN	
17	Photoelectric switch	BEN5M-MFR	South Korea
18	Electric appliance accessory	GB	Domestic

②. Frame and other main parts

No.	Name	Material
1	Hydraulic cylinder for filling machine	Stainless steel 304
2	Filling valve	Stainless steel 304
3	Frame	Square steel
4	Chassis	A3 medium plate
5	Deck plate	Stainless steel 304
6	Exterior package	Stainless steel 304
7	Thumbwheel	Stainless steel 304
8	Support	Stainless steel 304
9	Principal axis	Round steel
10	Gear wheel	High quality includes nylon and the pig iron pouring casting
11	Main Motor	Worm speed reducer
12	Stainless steel water pump	Stainless steel 304
13	Liquid valve piping component	Stainless steel 304
14	Pneumatic element	

Pictures of the Mineral water filling machine:



