

XGF8-8-3 Washing filling capping 3-in-1 machine



XGF8-8-3 type of PET bottle washing bottle filling/sealing 3-IN-1 machine is our company combined with international advanced atmospheric pressure filling technique and technology of the independent research and development of suitable for pure water and mineral water filling and water filling of the advanced type. The machine adopts card bottle conveying method, only few changes, can be applicable to a variety of bottle type, smooth transmission, filling method for atmospheric pressure filling.

- Frame adopts steel main body, the appearance of 304 stainless steel, 304 stainless steel frame, adjustable foot.
- Transmission system USES the star wheel transmission, transmission smooth, stainless steel conveyor chain, less deformation.



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- Washing bottle clamp the number is 8, 304 stainless steel chassis flushing water, wash water filtration system.
- Filling valve of 8 number, contact with the product components for 304 l stainless steel. The inner surface polishing treatment. Stainless steel return line, no dead Angle.
- Screw LIDS for three, screw LIDS device using magnetic torque, torque adjustment is convenient, can set screw LIDS torque size according to the needs of actual production.

Power system

Taken the main motor and reducer, frequency control of motor speed, the motion mechanism of gear transmission, smooth operation, each bottle of star wheel is engineering plastic parts, with security protection agency. U PLC, frequency converter, relay, photoelectric switch, inductive switch relay component, imported pneumatic components.

Technical parameters

Model	XGF 8-8 -3
dimensions (mm)	1900 * 1500 * 2200
Production capacity	2000 bottles/hour of 350 ml PET bottle (the whole line yield 85% or higher)
	1500 bottles/hour of 600ml PET bottles (the whole line yield 85% or higher)
	1000 bottles/hour of 1000 ml PET bottles (the whole line yield 85% or higher)
	600 bottles/hour of 1500 ml PET bottles (the whole line yield 85% or higher)
Air pressure	0.4 ~ 0.6 Mpa
Gas	0.3 M3/ min
Wash the bottle with water pressure	0.2 Mpa
Pure water washing bottle water:	1 ton/hour (most, adjustable)
Filling way	normal pressure filling
main motor power	1.5 Kw
motor capacity	3 kw
Nominal voltage	380 v50hz three phase four wire (special voltage can be customized)
Weigh	about 1.6 tons
Equipment includes	2 m air conveying system before and after 4 meters out of the bottle



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1. Electrical System

XGF8-8-3 Electrical configuration listing			
No	Name	Type	Origin
1	Touch Screen	F940GOT-WD-c	Mitsubishi
2	PLC	FX1S-30mr-001	Mitsubishi
3	Frequency converter	FR-E540-2.2K-CH	Mitsubishi
4	module	FX1N-485-BD	Mitsubishi
5	AC contactor	LC1-D0910/AC220V	Schneider
6	thermal relay	LR2-D1308N	Schneider
7	breaker	DZ47-3P/32A	Schneider
8		DZ47-1P/3A	Schneider
9	Emergency Stop Switch	Y090-11ZS	Schneider
10	power indicator light	AC24V-LED	Schneider
11	potentiometer	4.7K-1/2W	Schneider
12	telecommunication cable	FX-50DU-CAB0-5M	Made in china
13	variable frequency cable	RS-485	Made in china
14	line bank	TD-2010	Schneider
15		TD-15/45	Schneider
16	Sensor	PR18-5DN	Schneider
17	optoelectronic switch	BEN5M-MFR	South Korea
18	Electrical accessories	GB	Made in china

2. Rack and other main components

No	Name	Material	Origin
1	Filling machine cylinder	SUS 304	Tisco
2	Filling valve	SUS 304	Tisco
3	Rack	Square steel	Made in china
4	bottom case	A3 middle plate	Made in china
5	platform	SUS 304	POSCO
6	framework	SUS 304	POSCO
7	wheel	SUS 304	Tisco
8	support shaft	SUS 304	Tisco
9	principal axis	Round Bar Steel	Made in china
10	wheel gear	High quality oil nylon and pig iron casting parts	Made in china
11	Main motor	worm speed reducer	Suzhou bullish
12	stainless steel pump	SUS 304	NSP
13	A fluid valve pipes	SUS 304	Made in china
14	pneumatic element		Airtac



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