



Address: No.78, XingYe Road, Chaolian Town, Jiangmen City, Guangdong, China. (Jiangmen Office)

Address: RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD WANCHAI, HK (Hongkong Office)

Tel: +86 137 2595 7662 (Whatsapp) +86-750 3094316 Fax: +86 750 3723909

200B/H 5 Gallon Bottled Drinking Water Production Line



Typical production Process of 5gallon bottled drinking water production line:

Automatic Decapper → Bottle Exterior/Inner Washing Machine → Bottle-Feeding Machine → Bottle Rinsing Filling and Capping Machine → Label-Shrinking Machine.

Specification for Each Machine:

1) Automatic Decapper (Mode JBG-1):

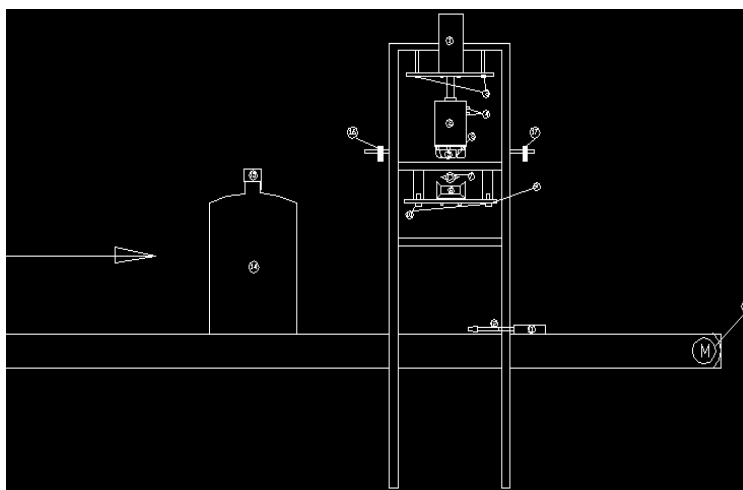
Features:

- 1) It is controlled and completed by PLC automatically through precise orientation with little manpower and low working intensity.
- 2) The complete set of equipment is manufactured by high-tension stainless steel materials and stainless plate steel with precise argon arc, infrequent distortion and beauty welding veins.
- 3) In order to make the performance of the device more stable, the electrical components are manufactured elaborately by imported series of products or name brand series of products at home.
- 4) Body material: SS304.

Technical Parameter:

Capacity	200-300B/H
Bottled Dimension	1)φ270×490×φ56mm 2)φ230×415×φ56 mm
Cap's specification (mm)	Φ58×40 (strip:L18mm,W:7.5mm)
Input power:	1.15kw;AC 380V±5%; 50HZ
Size	475×655×1750(mm)

Picture/Structural layout plan:



2) Bottle Inner & Exterior Washing Machine (Mode:JNWS-1):

Features:

- 1) This inner & exterior washing machine for 5 gallon recycled bottle, which is the necessary machine for the empty bottle pre-washing of drinking water product line, featuring with simple structure, easy operation and good scrub performance.
- 2) Working process: brush washing and water flushing
- 3) With import brand electric elements to ensure the reliability of the machine
- 4) Reliable performance and high working efficiency
- 5) Body material:SS304.

Technical Parameter:

Capacity	200-300B/H
Bottled Dimension	1)φ270×490×φ56mm 2)φ230×415×φ56 mm
Cap's specification (mm)	Φ58×40 (strip:L18mm,W:7.5mm)



Input power:	2.5kw;AC 380V±5%; 50HZ
Size	1650×960×1945(mm)

Pictures:



3) Automatic bottle- feeding machine (Mode:JSP-1)

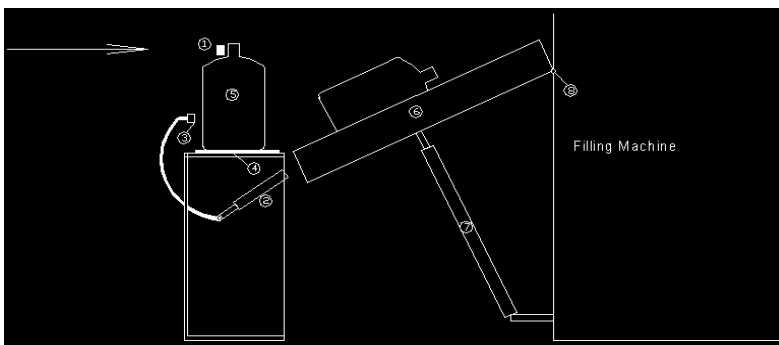
Features:

- 1)The device employs key components of electrical appliances and metal materials manufactured by name brand factories from home and abroad.
- 2) Easy operation and reliable performances.
- 3) Beautiful appearance, anti-corrodibility, thorough disinfection, effective anti-air pollution and high quality.

Technical Parameter:

Capacity	200-300B/H
Bottled Dimension	1)φ270×490×φ56mm 2)φ230×415×φ56 mm
Cap's specification (mm)	Φ58×40 (strip:L18mm,W:7.5mm)
Input power:	0.5kw;AC 380V±5%; 50HZ
Size	2000×500×1100(mm)

Picture/Structural layout plan:





4) Automatic Rinsing /Filling/Capping Machine Mode:XG-100/J(200B/H)

Features:

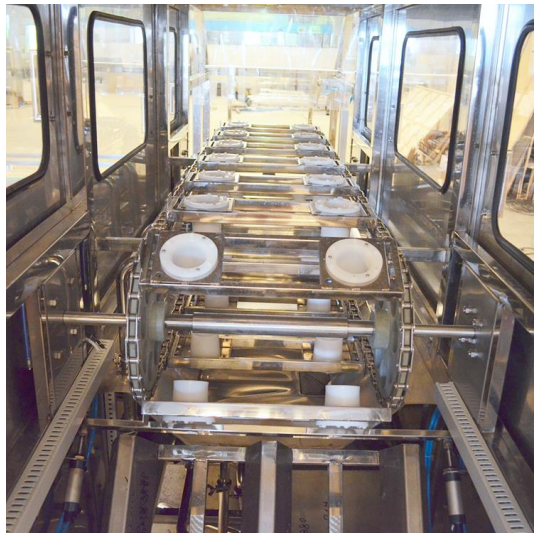
- 1) Controlled by PLC with the functions of automatic finish, precise orientation, little manpower and low working intensity.
- 2)The complete set of equipment is manufactured by high-strength stainless steel materials and stainless plate steel with precise argon arc, little distortion and fair welding veins
- 3) Beautiful appearance, anti-corrodibility, thorough disinfection, effective anti-air pollution and high quality
- 4) Microcomputer Auto Bottle Washer & Filler and Capper in one unit.
- 5)Body material:SS304.

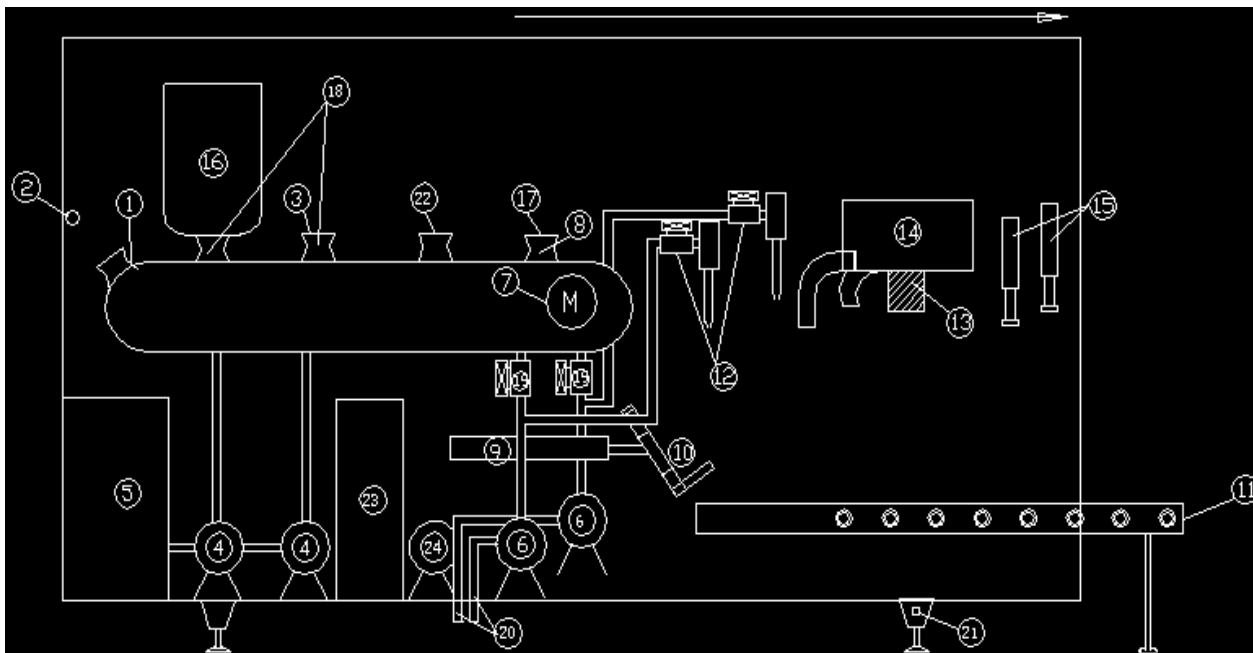
Technical Parameter:

Items		Specification
Production capacity		200Buckets/hour
Bottle's capacity		18. 9 Liters (equal to 5 gallons)
		11. 3 Liters (equal to 3 gallons)
Bottle's specification (mm)		Φ270×490×Φ56
		Φ230×420×Φ56
Cap's specification (mm)		Φ58×40 (strip:L18mm,W:7.5mm)
Rated input power		4.0KW
Electromotor power	Bottle convey motor	0.37KW
	Tap water washing pump	0.37KW
	Disinfectant washing pump	0.37KW
	Pure washing pump & filling pump	0.55KW * 2
	Cap-aligning electromotor	0.06 KW
Power supply		AC 380V±5% 50Hz
Rated current		28A
Net weight		380Kg
Outer size		3220×970×1600(mm)
Requirement of air compressor		0.1 M ³ 0.17 M ³ /Min 0.8Mpa/Cm ²
Requirement of water supply		5M ³ /H
Working Position		Double row four stations for bottle washing, two filling nozzles and two capping heads
		The first, second station: disinfectant washing
		The third station:tap water washing
		The fourth station:pure water washing
Main Components		1)Signal Relay(OMRON); 2)PLC(LG) 3)Exchange contactor(LG) 4)Speed-down motor 5)Proximity switch(TURCK) 6)Creepage air switch (MERLINGERIN) 7)Cylinder(AIR TAC)



Picture/Structural layout plan:





5. Automatic Sealing Machine (Mode:FK-2):

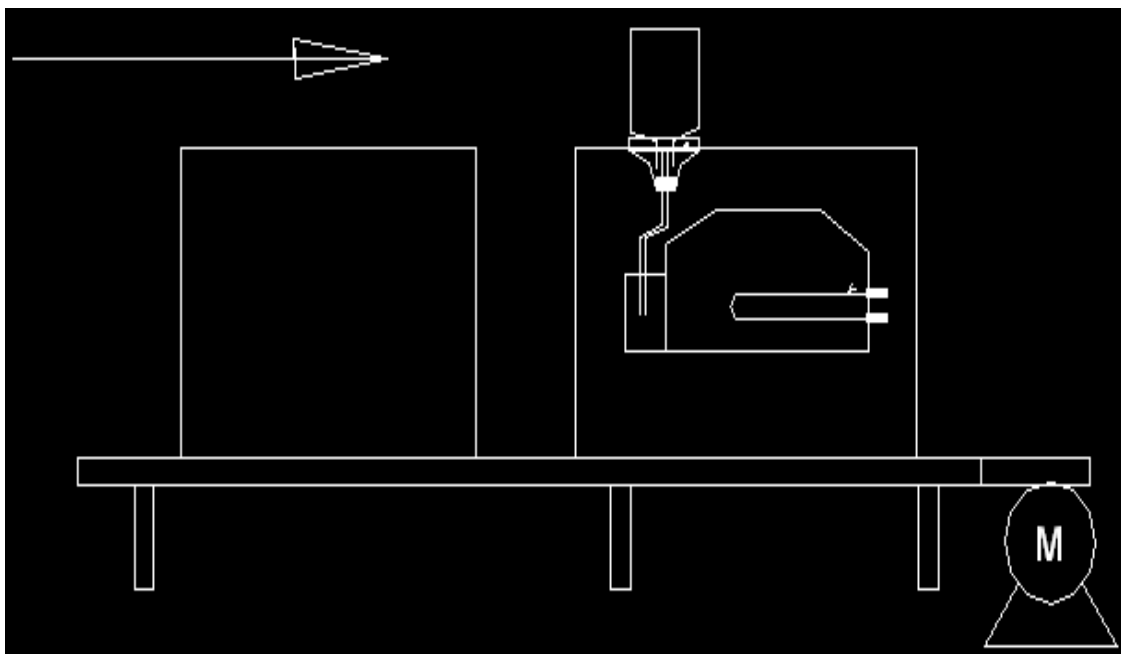
(1)Function & Features:

Shrink the film around the cap, extending the storing time.

(2)Technical Parameter:

Capacity:	200-300 B/H
Power:	4.4KW;16A
Dimension(mm)	2000x400x980
Weight:	55KG

(3) Picture/Structural layout plan:



6. Cap-Sterilizer (Model:JXD-1):

(1)Function&Features:

This device adopts the ultraviolet radiation and ozone to disinfect the caps. There are two doors which make the machine more reasonable and fair. Put the cap in the machine from one side and take them out from the other side. That prevents the cap from secondary pollution and is very convenient for the users.

(2)Technical parameters

a.Ultraviolet lamp

type: ZSZ15

power: 20W

Ultraviolet radiation length: 253.7nm

radiation intensity : $> 100\text{uw}/\text{cm}^2$ (after using for 1000, it is $> 70\text{uw}/\text{cm}^2$)

b. Ozonier

power: 10W (10-20 minutes per time)

c.External size: 500×350×700 (mm)

(3) Picture/Structural layout plan:

