



Water Filling Production Line XGF40-40-10



Character

- *Bottle up system*

bottle into style :Bottle into screw and bottle starwheel cooperated
Install bottle protecting device.

- *Washing machine*

Rotating plate is made of stainless steel ANSI304.
The rubber bottle clamp Stuck bottleneck, steady and reliable.
The washing bottle machine driving system is transmitted by the gear

- *Transfer wheel*

The star wheel is made by high quality nylon material.
Install bottle protecting device

- *Filling machine*

Rotating plates are all made of SUS304.
Filling style is gravity filling.
High precision, high speed filling valve,SUS304 material, filling level accuracy $\leq \pm 2$ mm.
The storage tank Liquid level is controlled by floating ball
The filling machine driving system is transmitted by the gear

- *Capping machine*

The magnetic constant torque capping head stable and reliable, the reject $\leq 0.3\%$.
Drop bottle guide rail install a device that can prevent the reverse cap pass and a take-out reverse cap parts and also install photoelectric switch, when there is no cap on the bottle guide rail,the machine would stop automatically. It can avoid the arrival of no cap bottles.

Install bottle detection switch, it can be ensure when there is no bottle, no capping, reduce the loss of the cap.

High efficiency centrifugal sorting cap method, not easy to wear out for the cap.

The capping machine has lack of cap detecting mechanism to control cap elevator run or stop.

- *Bottle out star wheel*

bottle out style: Bottle out screw and bottle starwheel cooperated

Install bottle protecting device.

- *Bottle out conveyer*

Drive motor using variable frequency speed regulation, keep pace with filling system, it can prevent the bottle Overturning.

- *Machine structure*

The frame is welded by high quality carbon steel and surface anti rust treatment and spraying with stainless steel board (ANSI304)

We applied to stainless steel board Through hole tensile structure exclusively and equipped with O style sealing ring to make sure the possibility of filter reduce to zero with the bearing pedestal and Supporting shaft and other Easy infiltration area.

Our company create the flip type bottle clamp, the clamp stuck in the bottleneck to avoid the screw cap pollution from bottle rubber clamp. The bottle clamp is made of stainless steel, sanity and durable.

We apply to automatic filling valve cleaning bottle and cleaning bottle ejection and return drive mechanism, CIP cleaning system is controlled by PLC.

- *Control system*

PLC control all the process from bottle into process to full bottle out process.

Apply touch screen operation, production speed, shift production output, fault type, fault occurrence points, etc. are displayed on the screen

The main electrical components are used in the world famous brand products to ensure the good performance of the whole machine

Technical parameter:

Model	XGF40-40-10
Work position	Washing 40 filling 40 capping 10
Gas pressure	0.7MPa
Sorting cap motor	0.37KW
Gas consumption	0.8m3/min
Output	18000BPH (600ml)
Size	3550×2650×2700
Weight	12000kg
Main motor power	5.5KW
Washing bottle water consumption	2.5 ton/hour
Washing bottle pump power	0.55KW
Washing bottle pressure	0.2-0.25MPa