

Automatic Rotary Filling Machine



Compact conformation, good shape, cozy operation, excellent automaticity and poor labor intensity.

Features

1. Compact conformation, good shape, cozy operation, excellent automaticity and poor labor intensity.
2. Only exchanging “star wheel”, “feeding screw” and “arc guide plate” while exchanging model of bottle to be need.
3. The all parts directly contacted with media are all adopted with food stage stainless steel without dead angle, so they can be cleaned easily.
4. Adopting advanced valve to control the inlet flow rate of liquids. It can keep the slight turbulence of liquids level in the solution barrel and ensure the accuracy in filling.
5. Closing feeding valve automatically while no bottle on machine avoiding the loss of aqueous feet. Filling automatically with a high speed and the control of liquids level is accurate.
6. High filling speed and mass flow rate, high precision of filling valve and control of liquids level is accurate and without loss.
7. The “capping head” is adopted magnetic-constant-torque device to ensure the high capping quality and without damages.
8. Adopting efficient cap settling system which carried perfect cap feeding and protection device.
9. It is adopted spiral descent fashion for the support plate for bottom of bottle at the outlet thumb wheel. And to adjust the input height is not necessary for exchanging model of bottle.
10. Carried the perfect protection system to overload; it can be used to protect facilities and operators efficiently.
11. Because of applying touch screen for operation, it is possible to realize man-machine conversation whereas the status of device running is clear at a glance.

Technical Parameter

Capacity	36 000 BPH (500ml)
Bottle Height	120~310mm
Bottle Diameter	φ50~φ96mm
Mouth Diameter	26mm~40mm
Bottle Type	PET bottle
Cap	HDPE Cap
Washing Head	80pcs
Washing Time	>2second
Filling Heads	80
Filling Temperature	85-90°C
Filling Pressure	0.2~0.4Mpa
Filling Valve Flow	120~150ml/s
Filling Pipe	SUS304, High temperature affordable
Capping Head	18
Capping Strength	0.6~2.8Nm (adjustable)
Main Power	15 KW
Air Consumption	1m ³ /min (0.6MPa)
Sterilized Water Consumption	1.2m ³ /h (0.2-0.25Mpa)