

XHL-XP-HYGZ 48-48-20 Bottled Water Filling Machine



The washing, filling and turning integrated machine is mainly used for washing (water washing or air washing), filling, cap turning (capping) and sealing of oral liquids, syrup, medicinal wine, health products and tincture for external use in such industries as medicine, food, health products, etc.

Features

- Integrating bottling washing, filling and cap turning (capping) and taking small floor space, it is suitable for equipment upgrading in old plants.
- The linear turning bottle inverting device is adopted for bottle washing. The bottle is inverted for a longer time so that residual water is easy to remove. It can be equipped with an ultrasonic washing device to ensure clean bottles. Both water washing and air washing are acceptable.
- With servo driving, the filling volume is adjusted on the man-machine interface. Each pump is driven by a set of servo motor, and a set of servo motor can also drive many pumps.
- It adopts the plunger metering pump to fill liquids of various viscosities with high precision. The pump can be easily disassembled, making cleaning and sterilization convenient. It can be equipped with CIP/SIP cleaning and sterilization system.
- The filling principle also includes the use of peristaltic pump, negative pressure type, weighing type, self-flow type, reflux defoaming type, etc.
- PLC control system with variable frequency speed control and high degree of automation.
- The filling system is provided with the anti-leaking device, realizing filling from the bottom of the bottle, rising slowly and avoiding bubbles.
- The tightness of the air gripper type cap turning head can be adjusted without damaging the bottle and cap. It can be equipped with servo motor driving with adjustable torque. The capping head adopts flexible design with easy adjustment, and can also be designed to be used for pull caps.
- It can be equipped with the cap storage and lifting mechanism and the mechanism for identifying reverse caps and eliminating nonconforming products.

- The whole machine is suitable for various specifications of bottles and adjustments can be completed conveniently within a short time.
- The whole machine is designed according to GMP requirements.

Technical Parameters:

Model:	XHL-XP-HYGX48-48-20
Number of bottle washing heads:	48 heads
Number of cap turning (pressing) heads:	20 heads
Filling accuracy:	≤±0.5%
Power supply:	220/380V 50/60HZ
Compressed air:	0.4-0.6MPa
Outline dimensions:	See the schematic diagram
Production capacity (bottles/minute)taking 50/100ml as an example :	400-500
Number of filling heads:	48 heads
Filling range:	commonly using 30/50/100ml glass bottles, can be customized for other 20-1000ml glass bottles
Cap turning and (pressing) pass rate:	≥99.8%
Power consumption:	≤3.5KW
Weight:	3000 KG