



XHL-KZYG12-8 Rotary Liquid Bottle Filling Machine



The filling and cap turning (capping) integrated machine is mainly applied for filling and sealing of 20-120ml liquids of different viscosities such as oral liquids, syrup, medicinal wine, health products and tincture in such industries as medicine, biology, food, health products, etc.

Features

- Two-in-one structure of linear tracking filling and rotary cap turning (capping). With servo driving, the filling volume is adjusted on the man—machine interface with simple operation. Taking small floor space with stable and reliable running.
- 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. Linear continuous bottle moving, bottles positioned by screw or synchronous belt, tracking filling.
- The seal ring of the plunger metering pump is made of silicon rubber, Teflon or other materials depending on different industries and liquid ingredients. Ceramic material can be used in special applications. The filling principle also includes the use of peristaltic pump.
- 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.
- The whole machine is suitable for various specifications of bottles and adjustments can be completed conveniently within a short time.
- The capping head adopts two knives for rolling threads and two knives for sealing with flexible design. The blade is subject to quenching treatment with good durability. The seals and threads are beautiful and uniform. The capping head can also be designed to be used for pull caps.
- Explosion-proof design can be adopted for products used in special industries or special types of products.

- 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 designed according to GMP requirements.

Technical Parameters:

Model:	XHL-KYZG12-8
Number of filling heads:	12 heads
Filling range:	20-150ml
Cap turning and (pressing) pass rate:	≥99.8%
Power consumption:	≤3.5KW
Net weight:	2000 KG
Production capacity(taking 50/100ml as an example):	150-220 bottles/minute
Number of cap turning (pressing) heads:	8 heads
Filling accuracy:	≤±0.5%
Power supply:	220/380V 50/60Hz
Compressed air:	0.4-0.6MPa
Outline dimensions:	3000*1000*1800(mm)