

Fully Automatic Machine for Filling, Crimping and Capping Perfume Bottles



Manual bottle placement onto the mold → Single head air bottle rinsing → 1 head vacuum filling → 2 heads vacuum filling → Single-head automatic pump head feeder → Single-head alignment (position correction) → Single-head automatic crimping → Single-head automatic middle sleeve placement → Single-head automatic middle sleeve pressing → Finished products automatically ejected onto the conveyor belt

Performance & Feature

Our Pneumatic perfume Filling Machine, automatic perfume filling line with CE certificate utilizes a vacuum-based liquid-level-equalizing filling system. Since each glass bottle has slight variations in actual capacity, using a fixed filling volume would result in inconsistent liquid levels across bottles. To ensure uniform liquid positioning, our system automatically adjusts the filling volume via vacuum technology to maintain the same liquid level in every bottle. Simple mold adjustments are required when changing bottle types, and the system is equipped with drip-proof filling nozzles to prevent leakage.

Technical Parameter

- ❖ **Bottle Specifications: (Diameter/Height):** 20-120
- ❖ **Pump Head Specifications:** One standard type (16.3 standard), customizable
- ❖ **Middle Sleeve Diameter:** Adjustable to actual cap size, customizable
- ❖ **Applicable Capacity:** 2-300ML, customizable
- ❖ **Production Capacity:** 20-30 units/minute
- ❖ **Filling Volume Error:** $\leq \pm 1\%$
- ❖ **Automatic Cap Attachment Rate:** $\geq 99\%$
- ❖ **Power Supply:** 220V 50Hz
- ❖ **Power:** 1.5kW
- ❖ **Noise Level:** $\leq 70\text{dB}$
- ❖ **Weight:** Approx. 800kg
- ❖ **Dimensions:** 1800*1500*1900 (LWH in mm)