

FP5150 / CC4000 / LR3000 Automated Chemical Products Filling Capping and Labeling Packaging Line



In usual, it's necessary to consider the chemical property of the product itself when manufacturing the chemical products. Therefore, when selecting the packaging machinery equipment, the material of the packaging machine must also be considered to avoid product quality being affected by chemical liquid corrosion. Most of the liquids in the chemical industry are acidic and alkaline liquids, in order to avoid operator directly contacting with the liquids during filling process, we especially customize filling and capping line for chemical products.

Features

1. The piston pump filling machine can be used in a wide range of solutions whether the liquid is thick or flowing liquid. The filler has the feature of all-purpose for liquid filling.
2. Suitable for large round bottle and barrels liquid filling. Automated large filling volume machinery equipment speeds up the production speed.
3. With full-cover filling machine to prevent filling food product from dust pollution.
4. The filling machine, automated cap feeding and tightening machine and labeling machine are integrated into an automatic production line which can be operated by synchronized systems.
5. With the touch panel human machine interface and PLC operation mode, the user is easier to operate and easier to learn.
6. Production requirements is setting the parameter through automated human machine interface, and data adjustment setting are easy to understand.
7. Automatic capping device includes the cap storage machine, cap feeding, placing and tightening device. Multiple functions in one machine to save space and manual labors for placing the caps.
8. Filling and capping mechanism is made of stainless steel 304 or 316 which is durable and meets GMP standard.
9. Large round bottles or barrels from filling, capping to labeling, the vertical conveying device makes bottle conveying smooth and stable and prevent the bottles from skewing and toppling down.

10. The automatic cap feeding mechanism is customized according to the cap size. If there are multiple cap sizes, it can be customized according to the requirements and be applied to the original capping machine, improving the broadly usage of the capping device.
11. Equipped with emergency stop button to easy operate and control the production process in case the production line has problem and prevent operator from getting injured.
12. The vertical round bottle labeling machine can be used for full wrapping around, 1/2 round labeling and single-sided labeling.
13. Special alkaline liquids and acidic liquids need to be tested and customized by using specific materials
14. Automatic filling machine connects to the capping machine for line production, and which can also run the production with single machine according to production needs.

Specification

- Filling range: 500-5000ml
- Filling speed: 20-25 BPM
- Adopting pump: Piston pump
- Applicable cap: Plastic Screw caps
- Applicable bottle: Round bottle, barrel and cylinder
- Power supply: 110 or 220 VAC, 50/60 Hz, Single phase