

Fully Automatic Piston 4/6/8 Multi-Head Liquid Bottling Filling Machine



This automatic cylinder drive piston pump liquid filling machine is a new product of our company based on the advanced technology of other countries. This machine use Servo motor drive stainless rotary pump to fill, and it can use different filling heads to meet customers' production demands, Besides, it can also link to other cap-feeder and capping machines in the production line. It takes up only a little room, economical and practical, widely used for filling liquids in industries like pharmaceuticals, pesticides, chemicals, food, cosmetics, etc. It is in full compliance with the GMP requirements.

Overview

This is our newly developed filling machine. It adopts PLC and touch screen control panel for control material. It is characterized by accurate measuring, advanced structure, stable operating, low noise, large adjusting range, fast filling speed. It is also suitable for the filling of easy volatilization, easy bubbly liquid strong corrosive liquid for rubber, plastic, and high viscosity, liquid, semi-liquid. Operators adjust and meter figure in the touch screen control panel, also can adjust metering of each filling head. The external surface of this machine is made of excellent stainless steel. Good appearance, applied to GMP standard. It adopts PLC and touch screen control panel for control material. It is characterized by accurate measuring, advanced structure, stable operating, low noise, large adjusting range, fast filling speed. Operators adjust and meter figure in the touch screen control panel, also can adjust metering of each filling head. The external surface of this machine is made of excellent stainless steel. Good appearance, applied to GMP standard.

Features

1. 304 Stainless steel construction and the material contact parts.
2. Controlled by panasonic servo motor or cylinder.
3. The filling blocked nozzles are anti drops, silk, and auto cut viscous liquid.
4. Easy to maintain, no special tools are required.
5. Diving nozzles for bottom up filling of foaming products if need.

Parameter

| Containers and Specifications | | | | |
|--|--|---|-----------------|--|
| Project Name: Full-automatic Viscous Liquid Filling Machine | | | | Oil and Fat Products / Daily Chemicals / Corrosive Liquid |
| Bottle Material | Bottle Shape | Filling Range | Capacity | Filling level (mm) |
| PET / PP / PE / Glass / Metal | Round / Square / Unique Shape | 200ml-30L | As request | Distance from bottle neck According request |
| Filling Valve | Each filling valve is controlled by servo motor ,realizing segmented high-and low-speed control ; vacuum resorption devices without leakage. | | | |
| Cap closing method | applicability for both crowning and capping, mechanical instant sealing or servo-controlled sealing | | | |
| Bottle components | rapid replacement without tools, such as star wheels for bottle infeed and outfeed, and bottleneck clamps | | | |
| Filling precision | limit deviation: $\pm 2-3g$ standard deviation: 1.5 | | | |
| User Ambient Conditions | | Temperature:10~40°C;Humidity:No dew | | |
| User Electrical Supply Specification | | Voltage:380V $\pm 5\%$, 3phase; Frequency:50HZ $\pm 1\%$ | | |