

FL-101

AUTOMATIC VOLUMETRIC LIQUID
FILLING MACHINE (SERVO SYSTEM)



Specification

- Filling Capacity Options: 20-100cc/50-250cc/
100-500cc/200-1000cc
- Supply Voltage: 220/380V, 50-60HZ, 3 Phase
- Power Consumption: 1.5 KW
- Air Pressure : 4-6 kg
- Dimension: (L)3000mm X (W)950mm X (H)1770mm
- Net Weight: 850 kg



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The Pack Leader FL-101 is a volumetric filling machine that is widely used for food, pharmaceutical, chemical, cosmetic and various other industries. The machine's ease of use and unique fully enclosed design offer tremendous appeal to companies across the globe.

Simple to Use

The FL-101 highly efficient design enables easy operation and quick change-over for different product specifications and requirements.

Built to Last

In strict compliance with Good Manufacturing Practices (GMP) standards, the FL-101's solid and steady frame is made from durable 304 stainless steel and anodized aluminum. Contact parts are made from 316 stainless steel. This durability translates into an easy-to-maintain machine with a long, durable life.

Exceptional Support

With all of Pack Leader's high-quality products, customers from around the world receive support exactly when they need it—benefiting from 24x7 customer service from the company's expert, U.S.-based support team.

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Flexible

- The FL-101 filler offers exceptional flexibility, and adapts to a wide range of bottle sizes and filling volumes.
- This sturdy conveyor has adjustable conveyor guide rails to accommodate the varying product sizes.

Efficient

- The FL-101's design allows for low energy consumption to protect the environment and save energy while still producing a generous output to keep up with production needs.
- The machine is controlled by the Servo System, which is based on an advanced brushless motor system that provides fast, accurate output.
- The integrated touch-screen controls bring ease of use to the operator, while increasing efficiency and productivity for each project.
- With the Volume Set feature, all pistons can be controlled by the Servo System. Up to eight or more bottles can be filled at a time, and the volume for each can be changed with one touch on the touch-screen controls. This eliminates the need to manually adjust the pistons. There is also a "touch-screen" setting to double- or triple-fill the bottles to accommodate larger volumes.
- The machine's anti-drip design features a "no-bottle, no-fill" system that prevents the filler from dispensing liquid when no bottle is detected. This keeps the bottles and the conveyor free of unnecessary liquid. Also by using the touch screen, easy adjustments can be made to slow the filling speed as the bottle gets full to keep the product from foaming or splashing.
- The machine's Bottle Jam Detection feature stops the machine automatically and notifies the operator in the case of a bottle jam.
- The Production Preset function enables the FL-101 to automatically stop once the preset quantity of products has been filled.
- The Monitor setting provides data records to help track maintenance and usage.
- The FL-101's battery-free microprocessor control system can maintain up to 30 default settings and job memory even after machine sits idle for a period of time.

Practical

- The FL-101 features a management setting with password protection, which allows management to have more capabilities, while restricting access to those directly involved with the project at hand.
- The machine is fully enclosed and well-suited for simple and quick changeovers, with built-in mobility castors that enable easy movement from one production area to the next.
- Manufactured under strict ISO 9001 quality control procedures, the FL-101 has a protective acrylic shield that is compliant with safety standards. The machine is built from durable stainless steel and anodized aluminum to protect against harsher environments and to withstand heavy usage from three shift operations.

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