

Liquid Filling Machines LIQFILL-300FM



The Automatic Rotary Monoblock 36x12 Head Liquid Bottle Filling and Capping Machine, Model LIQFILL-300FM with FLOW METER Liquid Filling Technology is suitable for Round, Oval, Flat or Square Bottles with maximum speed of 240 Bottles per minute.

Machine available with ROPP / Plastic SCREW Capping system or Pick N Place type CRC Screw Capping System.

Machine with Rotary operation of bottles resulting in smoother movement of bottles at lower speed producing higher output. The output of Bottle Filling Machines depending on nature of Liquids, Bottle Diameter, Bottle Height, Bottle Neck Size, Fill Volume and type of Cap / Size. Machine construction in fully Stainless Steel finish including Heavy Duty M.S. Frame structure with S.S.304 cladding. Machine with Optional Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing Bottles for smoother operation. All parts coming in contact with Liquids are made from S.S. 316 Material.

Machine does not require any change parts for change in Fill Volume due to Flow Meter Technology, which helps user to set the required fill volume directly from Machine control panel Touch Screen system. Machine new technology also offers simple user friendly operation with less moving parts coming in contact with liquid and also higher level of accuracy for filling liquid.

Features:

- FLOW Meter for High Fill Accuracy and Repeatability.
- Electronically controlled Volume settings through HMI, No Mechanical settings required
- Built in PLC with Colour Touch Screen Operation.
- No Bottle - No Fill System,
- No Bottle - Machine Stop System
- Rotary Bottle Movement for smoother operation

- All contact parts made of SS316 material with easy removal system.
- Very High Fill Accuracy of +/- 1 to 1.5ml for any fill volume upto 250ml and +/- 2ml above 250ml Pack Size.
- Machine also available with option of high fill accuracy of +/- 0.5 to 1ml
- Suitable for Syrup and Suspension having higher viscosity.
- No Tank Inside the Machine for Liquid
- Minimum Change Over time
- Simple Change over for different size of Bottles with No Change Parts system for Different Fill Volume
- Built in A.C. Variable Frequency Drive System.
- Suitable to Handle ROPP as well as Normal SCREW Cap with help of change parts
- Machine also available with Pick N Place SCREW capping for CRC/Special caps.
- Filling and Capping operation in Single machine due to Monoblock design
- All Features mentioned above may not be part of standard machine, please check your requirement.

Technical Specifications:

Bottle Diameter	28mm to 70mm*
Bottle Height	50mm to 200mm*
Fill Range	15ml to 500ml*
Cap Size	18mm to 55mm Diameter
Speed	Speed of Machine is depending on Fill Volume and type of Cap also.
36 x 12 Station PnP Screw Capping	200 Bottles per minute
36 x 16 Station PnP Screw Capping	240 Bottles per minute
40 x 20 Station Pnp Screw Capping	300 Bottles per minute
36 x 12 Station ROPP Capping	240 Bottles per minute
40 x 16 Station ROPP Capping	300 Bottles per minute
Conveyor Height	930-980 mm
Overall Dimensions	6000 mm (L) x 2500 mm (W) x 2900 mm(H)