

Liquid Filling Machines LIQFILL-240FM



The Automatic Rotary Monoblock 24x12 Head Liquid Bottle Filling and Capping Machine, Model LIQFILL-240-FM 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 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 and Fill Volume. Machine construction in fully Stainless Steel finish including M.S. Frame structure with SS304 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 with 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:

- No Bottle - No Fill System, No Bottle - Machine Stop System
- Rotary Bottle Movement system for smoother operation
- All contact parts made of S.S.316 material with easy removal system.
- Machine construction in S.S. 304 material
- Very High Fill Accuracy of +/- 1.5 ml for fill volume upto 250ml and +/- 2ml above 250ml Fill Volume.
- Machine also available with option of high fill accuracy of +/- 0.5ml
- No Cap on Bottle - Machine Stop System
- Automatic In-feed and Exit of Bottles

- Minimum Change Over time
- 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
- Built-in A.C. Variable Freq. Drive System

Technical Specifications

Bottle Diameter	28mm to 70mm*
Bottle Height	50mm to 200mm*
Cap Size	18mm to 55mm ROPP or Plastic Screw Cap
Fill Range	15ml to 250ml*
Accuracy	+/- 1ml on Standard Machine or Optionally +/-0.5ml available on request.
Electrical	440VAC 3 Phase / 220 VAC Single Phase Power Supply (50 Hz)
Power	5.0 Hp
Speed	Max. 240 Bottles per minute depending on Fill Volume and Type of Liquid
Conveyor Height	800-850 mm
Overall Dimensions	3700 mm (L) x 2400 mm (W) x 2000 mm(H)
* Specification can be changed as per customers requirements	