

Liquid Filling Machines LIQFILL-160-MOTION



The Automatic Eight Head Motion based Volumetric Linear Liquid Bottle Filling Machine, Model LIQFILL-160-Motion is suitable for Bottles with maximum speed of 160 Bottles per minute. The output of Bottle Filling Machines depending on nature of Suspension Liquid Filling Machine, Liquids, Bottle Diameter, Bottle Height, Bottle Neck Size and Fill Volume.

Machine with unique Motion filling system, Filling Nozzle moves along with Bottles during the Liquid Filling Process without stoppage of Bottles ensuring trouble free operation with higher speed compare to conventional fix nozzle type filling machine. Machine construction in fully Stainless Steel finish including machine frame structure.

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 SS 316 Materials.

Features:

- Linear Motion Filling System for Smoother and Faster Operation
- Built in PLC with Colour Touch Screen Operation.
- No Bottle - No Fill System
- No Bottle - Machine Stop System
- Synchronize Movement of Bottle and Filling Nozzle for continuous operation
- All contact parts made of SS316 material with easy removal system.
- Diving Nozzle System
- Very High Fill Accuracy of +/- 1%.
- Suitable for Syrup and Suspension having higher viscosity.
- Automatic Infeed and Exit of Bottles
- Minimum Change Over time
- Built-in A.C. Variable Freq. Drive System
- Fully Stainless Steel Finish

Technical Specifications:

Bottle Diameter	Upto 90mm*
Bottle Height	50mm to 200mm*
Fill Range	30ml to 500ml* with the help of Change Parts / Syringe.
Accuracy	+/- 1 %
Speed	Maximum 160 Bottles per minute depending on Fill Volume, type of Liquid and Bottle Shape/Size.
Conveyor Height	800-850 mm
Overall Dimensions	3000 mm (L) x 800 mm (W) x 1300 mm(H)
With T.G. Cabinet	3000 mm (L) x 800 mm (W) x 1800 mm(H)
* Specification can be changed as per customers requirements	