



**BROTHERS**<sup>®</sup>  
PHARMAMACH (INDIA) PVT. LTD.

## LIQFILL 80e

### Automatic Four Head Gear Pump based Filling Machine

Automatic Four Head Gear Pump Based Liquid Filling Machine Model LIQFILL-80.e fill is suitable for Round or Flat shape Bottles or Vials with maximum speed of 60 Products per minute.

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 machine frame structure. This machine works on the principle of metering the flow of liquid through digital control. The liquid to be filled flows from reservoir tank to the container through Gear pump, controlled by PLC. 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.



#### TECHNICAL SPECIFICATIONS

Bottle Diameter : Upto 90mm\*  
Fill Range : 10ml to 100ml\* or 100ml to 1000ml\* Fill Volume  
Accuracy : +/- 1 to 2% Depending on Liquid with Single Dose  
Speed : Max. 60 per minute  
Conveyor Height : 800-850 mm  
Overall Dimensions : 2100 mm (L) x 1200 mm (W) x 1550 mm(H)

#### UTILITY REQUIREMENT :

Filtered Compressed Air : 4 to 5 Bar Air Pressure  
Electrical : 220 VAC Single Phase Power Supply (50 Hz)  
Power : 2.0 Hp

\* Specification can be changed as per customers requirements

#### SPECIAL / OPTIONAL FEATURES :

- No Bottle - No Fill System
- No Bottle - Machine Stop system
- Drip Free Nozzle with Diving system
- All contact parts are made of SS 316 material with easy removal system
- Machine construction in SS 304 material
- No Change Parts for change in Bottle Size
- No Change Parts for change in different Fill Volume, setting of Volume, Speed of Machine through Touch Screen operation.
- Very High Fill Accuracy
- Minimum Change Over time

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