



Automatic Monoblock Liquid Filling, Inner Plugging and Screw Capping Machine



Monoblock Filling Machine is the most demandable system for pharmaceutical manufacturing businesses. Its innovative technology combines the three essential functions into an integrated unit, paving the way for seamless packaging. Harikrushna Machines Pvt. Ltd. offer a cutting-edge machine to streamline your liquid filling, inner plugging, and capping processes with unmatched efficiency and fulfil the speed and precision requirements at a budget price.

Features

- The Machine is Manufactured or Developed Accordance with GMP Standards.
- The SS Square Pipe Structure and Doors Of SS 304 with Machine Base Plate is MS Painted Cladded with SS 304.
- Rigid Vibration Free Construction for Trouble Free Performance.
- All Contact Parts SS 316 L and Non-Contact Parts are SS 304.
- Machine with Mechanical Un-scrambler which Feed Vials in Proper Orientation.
- Rotary Motion Advance Filling System Which Can Fill Precise Volume in Vials.
- Nitrogen Purging Facility (Pre Or Post) Can Be Provided As An (optional).
- Electromagnetic Vibrator Bowls with Chutes for Inner Plugs and Caps.
- Pick N Place Star Wheel for Inner Plug and Caps.
- Star Wheel And Guides For Filling, Inner Plugging, And Capping.
- There is a Special Feature Which is Useful To Suck The Filling Material From Storage Tank to Nozzle End Very Quickly.
- The Pharma/Food Grade Silicon Tubes Use For Filling Purpose.
- Co-eccentric Nozzles For Quick Filling Of Liquids.
- Filling Volume Set With Timing Of Individual Nozzle Through Touchscreen HMI.

- Pressure Vessel with Manifold (optional).
- No Vial No Fill System.
- Low Air Machine Stop Sensor.
- No Inner Plug On Vial Detection System.
- Door Interlocking System.
- PLC with Programming & 7" Colour Touch Screen HMI.
- All Faults Can Be Appearing On The HMI Which Can Attend Easily By Operator.
- The Pharma Grade Silicon Tubes Are Used For Filling & CIP/SIP.
- Machine Equipped With LAF for Clean Air Environment (optional).
- Different Heights Of Vials, The Whole Assembly Of Inner Plug And Capping Can Be Moved Upwards & Downwards For Easy Changeover.
- User-Friendly and Very Less Maintenance Required.
- Most Reliable & Proven Components such as Pneumatics & Electrical/Electronic such as AC Motor, AC Drives, PLC & HMI Touchscreen, Switches, Sensors, MCB's & Relay "CE" certified.

Technical Data

Product MOC	Liquid Bottles, Eye and Ear Drop Bottles/ Vials and Nasal Sprays
Filling Material	Free Flow Liquid
Liquid Filling Volume	100 ml to 1000 ml
Output Speed	Up to 200 Bottles / Minute (Speed depends upon fill volume, viscosity of liquid Product neck & shape)