



## ***HMPL-PRE-RVS Automatic Vial Cap Sealing Machine***



Automatic Vial Cap Sealing Machine consists of the main structure covered with SS cabinet safety polycarbonate glass doors, Delrin slate conveyor, vials height adjustment screw, centralized lubrication system, out-feed turntable, vibrator bowl & chute for cap, in-feed screw & star plate, sensors, electrical panel, AC Drive, PLC & HMI.

### **Features**

- The machine is manufactured or developed accordance with GMP standards.
- The structure is made of MS and clad with SS 304.
- Rigid vibration free construction for trouble free performance.
- The mechanical driven system of the whole machine is through foot mounted motor and gear box.
- The complete synchronized mechanism is designed on gears and chain.
- Totally synchronized PLC controlled system.
- The whole machine covered with cabinet of SS and polycarbonate glass doors.
- User friendly to adjust the different speed (vials/minute) with the help of HMI.
- The Real output speed (vials/minute) appear on HMI.
- Few change parts are required for different vials.
- Vials without bungs and no caps are detected by the sensors and give the alarm alert and machine stop itself.
- Daily production ratio, production counter is given with the password protection.
- There is a special designed vibrator bowl and chute with no cap sensors for continuous flow of the cap.
- The faults such as vials without bungs, no caps appear on the HMI and can be attended easily.
- Very less mechanical adjustment required due to the special design.

- PLC modes are user friendly and can be operated easily.
- User-friendly and very less maintenance required.
- The structure construction of machine is useful to mount laminar flow.
- Most reliable and proven components such as Festo/SMC make pneumatic and electrical/electronic such as Bonfiglioli/Motovario/Rotomotive make AC motor, Delta make Drives, Delta make PLC & HMI, LEUZE/BANNER/SICK make Sensors, MCB & relay “CE” certified.

## Technical Data

<b>Sample Product</b>	Glass Vials
<b>Suitable For</b>	2 ml to 30 ml (with the help of required change parts)
<b>Cap Size</b>	13 mm to 32 mm
<b>Output speed</b>	30 to 120 Vials/Minute
<b>Sealing Head</b>	1 / 4 / 6 head
<b>Working Height</b>	850 ± 50 mm Adjustable
<b>Power Consumption</b>	2.0 KVA
<b>Power Supply</b>	3 Phase + Neutral + Earthing / 415 V AC / 50 Hz
<b>Air Supply</b>	N.A.
<b>Net Weight</b>	600 Kg Approx.
<b>Dimensions</b>	2525 mm (L) x 950 mm (W) x 2000 mm (H) Approx.