



## Automatic Vial Cap Sealing Machine HMPL–PRE–RVS



### Brief On Machine

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

### Salient Features of Vial Cap Sealing Machine

The unit is made compact & versatile as per GMP norms.	The structure is made of 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 make AC motor, Allen Bradley make Drives, Allen Bradley make PLC & HMI, LEUZE/BANNER/SUNEX make Sensors, MCBs & relay "X" make.	

## Technical Specification

Model	HMPL-PRE-RVS
Suitable For	2 ml to 30 ml (with the help of required change parts)
Cap Size	20 mm to 22 mm
Output speed	30 to 120 Vials/Minute
Sealing Head	1 / 4 / 6 head
Working Height	860 ± 50mm Adjustable
Power Consumption	2.0 KVA
Power Supply	3 Phase + Neutral + Earthing/415 V AC/ 50Hz
Air Supply	N.A.
Net Weight	600 Kg Approx.
Dimensions	2525 mm (L)x 950 mm (W)x 2000mm(H) Approx.