



HMPL-RCS-4 Automatic Rotary ROPP Cap Sealing Machine



The Automatic Rotary ROPP Cap Sealing Machine consists of a main structure, product transmission belt with an adjustable guide, in-feed screw, star plate, sealing heads, vibratory bowl for caps, cap delivery chute, product's height adjustment screw, safety acrylic cover (OPTIONAL), electrical panel, motor, sensors & AC drive.

Features

- The machine is manufactured or developed per GMP standards.
- The frame structure & base plate of MS painted cladding and doors of SS 304.
- Rigid vibration-free construction for trouble-free performance.
- SS elegantly matt-finished body.
- Conveying system to convey the product with an easily adjustable side guide.
- Self-lubricating UHMW-PE guide profile for SS slat chain provides low friction wear surface, smooth and noiseless conveying.
- MS powder coated or electroless nickel plating of all exposed parts to ensure long life and resistance against corrosion.
- There is a specially designed vibratory bowl and chute with no cap sensors for the continuous flow of the cap.
- The chute will have rigid mounting & cap pickup arrangement from SS material.
- Adjustable height of the conveyor belt to align with other machines of the line.
- Single motor synchronizes conveyor, star wheel, & platform turret.
- Change parts are required for different products.
- No bottle no cap arrangement.
- No cap on the chute vibrator & Machine stops.
- Clutch Overload – Machine Stop.
- Universal coupling for quick and easy setting of in-feed screw.

- Low noise level, low power consumption.
- Spring loaded pin in the centre of ROPP capping die.
- Fix the set pin for the star wheel.
- Mechanical stopper to stop incoming bottles.
- Very little mechanical adjustment is required due to the special design.
- User-friendly and very little maintenance required.
- Star wheel & Guide MOC: UHMW nylon.
- Most reliable and proven components such as electrical/electronic such as AC motor, AC Drive, Sensor, MCBs & relay “CE” certified.

Technical Data

Model	HMPL-RCS-4
Sample Product	Glass and Plastic Bottles
Product Size	10 ml to 5000 ml Bottles
Cap Size	22 & 25 mm / 25 & 28 mm
Cap Feeding System	Vibratory Bowl with chute Suitable Cap
Capping Head Type	ROPP (Aluminium)
Output Speed	Up to 60 Bottles/Minute
Direction of Movement	Left to Right
No. of Sealing Head	1 / 4 / 6 / 8 / 10 Multi Head
Power Supply	Three Phase / 440 V AC / 50 Hz
Height of Conveyor	875 ± 50 mm Adjustable
Net Weight	450 Kg Approx.
Dimensions	2440 mm (L) x 850 mm (W) x 1900 mm (H) Approx.
Change Parts Required	(A) Bottle: In-feed screw Star Wheel, Center guide.
	(B) Cap: Vibratory bowl, Delivery chute & ROPP Cap Die / Screw Cap Head