



SARCS-100 / 150 / 200 Automatic Multi Head ROPP Cap Sealing Machine



Description:

Automatic ROPP cap sealing machine is versatile, self-supported on stainless steel leg with height adjustable adjustment system. The machine is precision built on sturdy welded steel frame completely enclose in stainless steel sheet and doors are provided to facilitate the servicing of machine.

Operation:

The feed container moving on conveyor belt are feed into an in feed star wheel through In-feed worm, star wheel bringing the container below the sealing head in the subsequent indexing part, mean while the bottle pickup a cap from the delivery chute of cap filling bowl, where the body and the neck of the container are positioned below the rotating head, where the sealing head is performing perfect operation of threading & sealing.

Technical Specifications:

Model	SARCS-100	SARCS-150	SARCS-200
Output/Hour	3600 to 6000 Bottles	3600 to 9000 Bottles	4000 to 12000 Bottles
Direction of Movement	Left to Right		
Number of head	4 Nos.	6 Nos.	8 Nos.
Electrical Specification**			

Main Motor	1.5 HP / 415 Volts / 50 Hz.	2 HP / 415 Volts / 50 Hz.
Cap feeding Bowl	0.25 HP / 415 Volts / 50 Hz.	0.25 HP / 415 Volts / 50 Hz.
Height of Conveyor **	860 mm to 910 mm	
Machine Dimensions **	2135 mm (L) x 1120 mm (W) x	2135 mm (L) x
	2250 mm (H) Approx	1200 mm (W) x
		2250 mm (H) Approx
Case Dimensions	2650 mm (L) x 1250 mm (W) x	2650 mm (L) x
	2250 mm (H) Approx	1320 mm (W) x
		2250 mm (H) Approx
Net Weight	900 Kgs. Approx	1200 Kgs. Approx
Gross Weight	1250 Kgs. Approx	1300 Kgs. Approx
Change parts required	(A) Container: Star Wheel, Center guide, Feed Worm.	
	(B) Cap: Die, Delivery chute, bowl.	

Input Specification:

ROPP Cap Specification	Diameter**	19 mm to 38 mm**
	Height**	15 to 18.3 mm
Container Size**	Round Shape	(A) Ø 22 mm to Ø 100 mm ***
		(B) Height 58 mm to 240 mm***
		(Height option for other bottle height available)
	Flat / Square	(A) 15 mm to 100 mm (Lenght)
		(B) 10 mm to 50 mm (Width)
		(C) 58 mm X 240 mm
		(Height option for other bottle height available)

* Depends on size, shape and Neck dia of container

** Can be supplied as per customer requirements.

*** With help of change parts.

Salient Features:

- No container no cap arrangement.
- S.S. elegantly matt finished body.
- Single motor synchronizes conveyor, star wheel, & platform turret.
- Adjustable height of conveyor belt, to align with other machine of the line.
- Sealing pressure can be varied to suit different gauges and size of caps.
- Specially designed hopper is provided to increase storage capacity of bowl.
- Low noise level, low power consumptions.
- Self-lubricating UHMW- PE guide profile for low friction wears surface, smooth and noiseless conveying.
- Drain tray around the machine platform.
- SS cladding or hard chrome plating of all exposed parts to ensure long life and resistance against corrosion.
- Synchronized A/C drives to synchronize, Conveyor, Star wheel and Platform turret & capping bowl.
- Universal coupling for quick and easy setting of In-feed worm.
- Adjustable bottle height gauge for easy and quick setting.

Optional Features:

- No cap no container arrangement.
- Motorized height adjustments system.
- Acrylic cabinet.

Utility Requirement:

Electrical Supply:	Three Phase + Neutral + Earthing
Electrical Load:	1.5 KW