

SARCS-60 Automatic Single Head Capping Machine



The Automatic Cap Sealing Machine is precision built on sturdy welded steel frame completely enclosing in stainless steel sheet and doors are provided to facilitate the servicing of machine.

Operation:

The feed container moving on conveyor belt are fed into 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 feeding 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-60
Output/Hour*		1000 to 3000 bottles.
Direction of Movement		Left to Right
No. of Sealing Head		1 Nos.
Electrical Specification**	Main Motor	1 HP / 415 Volts / 50 Hz.
	Cap Feeding Bowl	300 Watt, Magnetic coil
Height of Conveyor**		860 mm to 910 mm
Machine Dimensions**		1525 mm (L) x 850 mm (W) x 1900 (H) Approx.
Case Dimensions		1750 mm (L) x 1100 mm (W) x 2250 (H) Approx.
Net Weight		350 Kgs. Approx.
Gross Weight		550 Kgs. Approx.
Change parts required		(A) Container: Star Wheel, Back 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) 15mm to 100 mm (Length)***
		(B) 10mm to 50 mm (Width)***
		(C) 58 mm X 240 mm (Height)***
		(Height option for other bottle height available)

Salient Features:

- No container No cap arrangement.
- SS 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.
- Low noise level, low power consumptions.
- Self-lubricating UHMW-PE guide profile for low friction wears surface, smooth and noiseless conveying.
- 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.
- Adjustable bottle height gauge for easy and quick setting.

Utility Requirement:

Electrical Supply :	One Phase + Neutral + Earthing
Electrical Load :	0.75 KW