

# Liquid Machine



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## SCREW CAP SEALING MACHINE - AUTOMATIC SINGLE HEAD SCREW CAPPING MACHINE



### DESCRIPTION :

The automatic screw capping machine is precisely built on the welded steel frame enclosed in the stainless steel sheet. The machine has stainless steel legs for the support. The doors are provided for the servicing of the machine.

### HOW TO OPERATE :

The conveyor belt moves the containers and feed in to the star wheel. The star wheel set the container below the sealing head in the subsequent indexing part. The cap filling bowl delivers the cap to a delivery chute. The body and neck of the container is positioned below the rotating head. Rotating head pick up the cap and perform the sealing with pre set torque.

## WHICH FEATURES MAKE IT BEST :

- The arrangement of the pick and place
- The arrangement of no container no cap
- The adjustable torque
- Low electricity consumption
- Noise level is very low
- Contact parts are of stain less steel
- The height of the conveyor belt is adjustable
- The sturdy construction
- Perfect performance for sealing

## UTILITY REQUIREMENT :

**Electrical Supply** : Three Phase + Neutral + Earthing

**Electrical Load** : 1.5 KW

**Air Pressure** : Minimum : 6 Bar, 0.5 CFM.

## TECHNICAL SPECIFICATION :

Model		APM-ASCSM -50
Output/Hour*		1000 to 3000 bottles
Direction of Movement		Left to Right
No. of Sealing Head		1 Nos.
Electrical Specification**	Main Motor Cap Feeding Bowl	1.0 HP / 415 Volts / 50 Hz 300 Watt
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 & S.S. Star wheel

## INPUT SPECIFICATIONS

Screw Cap Specification	Diameter**	22 mm to 56 mm***
	Height**	15 to 18.3 mm
Container Size**	Round Shape	Ø 22 mm to Ø 100 mm*** Respectively Height 40 mm to 240 mm*** (Height option for other bottle height available)

	Flat / Square	15mm to 100 mm (Length) <sup>***</sup> Respectively 10mm to 50 mm (Width) <sup>***</sup> Respectively Height 40 mm to 240 mm <sup>***</sup> (Height option for other bottle height available)
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\* Depends on bottle size, cap size and type of cap.

\*\* We can supply as per customer requirements.

\*\*\* With help of change parts.

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