

Liquid Machine



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AUTOMATIC SINGLE HEAD VIAL CAP SEALING MACHINE



DESCRIPTION :

The automatic vial cap sealing machine is precisely fabricated on welded steel frame enclosed in stainless steel sheet. It is made sturdy. The machine is provided with doors to operate the machine.

HOW TO OPERATE:

The conveyor belt is used to move the feed container to the star wheel. The star wheel set the container below the sealing head in the subsequent indexing part. The bottle picks up a cap from the delivery chute of cap feeding bowl. The body and neck of the container are set below the rotating head. The threading and sealing is performed perfectly by the sealing head.

SALIENT FEATURES :

- The bottle height gauge is adjustable for the quick and easy setting
- The height of the conveyor belt is adjustable to align with other machine of the line
- No container no cap arrangement
- The single A/C drive is synchronizing the platform turret and capping bowl, conveyor and star wheel.
- The conveyor, star wheel and platform turret is synchronized by the single motor.
- The S.S. matt finished body
- S.S. cladding or hard chrome plating of all exposed parts.
- The UHMW-PE guide profile for low friction wears surface. It is self lubricating leads smooth and noiseless conveying.
- Depending on the gauges and size of caps, the sealing pressure can varied
- Noise level and power consumption are very low

UTILITY REQUIREMENT :

Electrical Supply : One Phase + Neutral + Earthing

Electrical Load : 0.75 KW

TECHNICAL SPECIFICATION :

Model		APM-AVCS-60
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 HP / 415 Volts / 50 Hz. 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 SPECIFICATIONS

Vial Cap Specification	Diameter**	13 mm to 20 mm**
	Height**	10 to 18 mm
	Round Shape	(A) Ø 16 mm to Ø 50 mm *** (B) Height 35 mm to 75 mm*** (Height option for other bottle height available)

* 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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