

Liquid Machine



AUTOMATIC SINGLE HEAD ROPP CAP SEALING MACHINE



WHAT'S THE MACHIE :

The automatic single head cap sealing machine is manufactured from welded steel frame, enclosed with stainless steel sheet.

HOW TO OPERATE :

The conveyor belt is used to move the feed containers. The containers are placed in the star wheel. Then containers are

set below the sealing head which is in the subsequent indexing part. The delivery chute of cap feeding bowl, deliver the cap on the bottle. The body and neck of the container are positioned below the rotating head. The threading and sealing is performed perfectly by the sealing head.

WHICH FEATURES MAKES IT BETTER :

- The conveyor, star wheel and the platform turret are operating by a single motor.
- The height of the conveyor belt is adjustable to align with other machine of the line.
- S.S. cladding or hard chrome plating of all exposed parts.
- S.S. matt finished body
- The bottle height gauge is adjustable for quick setting
- For the different container diameter, no need to change the parts.
- Head movement is by the motor.
- Noise level and power consumption is very low.
- In built control panel
- The self lubricating UHMW-PE guide profile for S.S. slat chain.
- No bottle no filing system
- The conveyor, star wheel, platform turret and capping bowl are synchronizing by the synchronized A/C drives.
- For the different gauges and sizes of caps, the sealing pressure is varied.

UTILITY REQUIREMENT :

Electrical Supply : One Phase + Neutral + Earthing

Electrical Load : 0.75 KW

TECHNICAL SPECIFICATION :

Model		APM-ARCS -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

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)

* 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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