

Liquid Machine



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AUTOMATIC MULTI HEAD ROPP CAP SEALING MACHINE



DESCRIPTION :

The automatic multi head ropp cap sealing machine is built on the welded steel frame enclosed in stainless steel sheet. The height of the machine can be adjusted by the adjustment system. The machine is self supported on stainless steel legs.

HOW TO OPERATE :

The conveyor belt is used to move the containers. It feeds the containers in to the star wheel through in-feed worm. The containers are set below the sealing head in the subsequent indexing part, by the star wheel. The cap is picked by the bottle from the delivery chute of the cap filling bowl.

The body and neck of the containers are positioned below the rotating head. The sealing head performs the operation of threading and sealing perfectly.

WHICH FEATURES MAKE MACHINE BETTER :

- The storage capacity of the bowl is increased by the specially designed hopper.
- For the easy and quick setting of the in-feed worm, the universal coupling is used.
- 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.
- For the different container diameter, no need to change the parts.
- Head movement is by the motor.
- In built control panel
- The S.S. matt finished body
- Self lubricating UHMW-PE guide profile for S.S. slat chain.
- No bottle no filing system
- The bottle height gauge is adjustable for quick setting
- Noise level and power consumption is very low.
- The conveyor, star wheel and platform turret contains single synchronized motor

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

TECHNICAL SPECIFICATION :

Model	APM-ARCS -100	APM - CS - 150	APM-ARCS -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 Cap feeding Bowl	1.5 HP / 415 Volts / 50 Hz. 0.25 HP / 415 Volts / 50 Hz.		2 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 2250 mm (H) Approx		2135 mm (L) x 1200 mm (W) x 2250 mm (H) Approx
Case Dimensions	2650 mm (L) x 1250 mm (W) x 2250 mm (H) Approx		2650 mm (L) x 1320 mm (W) x 2250 mm (H) Approx
Net Weight	900 Kgs. Approx		1200 Kgs. Approx

Gross Weight	1250 Kgs. Approx	1300 Kgs. Approx	1550 Kgs. Approx
Change parts required	(A) Container: Star Wheel, Center guide, Feed Worm. (B) Cap: Die, Delivery chute, bowl.		

INPUT SPECIFICATIONS

OPP 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.

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