



PHARMA MACHINERIES



AUTOMATIC SINGLE & FOUR HEAD ROPP CAPPING MACHINE



AUTOMATIC MULTIHEAD ROPP CAP SEALING MACHINE - RARCS - 150

Automatic Ropp cap sealing machine is versatile, self supported on stainless steel leg with height adjustable adjustment system. The machine is precision built on sturdy welded steel frame completely enclosed 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 an in feed star wheel, bringing the container below the sealing head in the subsequent indexing part, meanwhile the bottle picks up 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.

Specially designed hopper is provided for more storage capacity, deliver cap to delivery chute with correct position that ensures the perfect position of the cap at the end of delivery chute.

The capping head rotates along with the main turret and performs the capping operation.

TECHNICAL SPECIFICATION

Model	RARCS-100	RARCS -150	RARCS -200
Output/Hour*	3600 to 6000 bottles.	3600 to 9000 bottles.	4000 to 12000 bottles.
Direction of movement	Left to Right		
Number of head/syringes	4 Nos.	6 Nos.	8 Nos.
Electrical Main Motor Specification	1.5 HP/415 Volts/50 Hz.	"	2 HP/415 Volts/50 Hz.
Cap Feeding Bowl	0.25 HP/415 Volts/50Hz.	"	0.25HP/415
Volts/50Hz.			
Height of Conveyor**	860mm to 910mm Adjustable	"	"
Machine Dimension**	2135mm (L) x 1120mm (w)x 2250mm (H) Appr.	"	2135mm(L)x1200mm (w) x 2250mm (H)
Appr. Case Dimensions	2650mm (L) x 1250mm (w)x2250mm (H)		2650mm (L) x (w) x 2250mm (H)
Appr. Net Weight	900 Kgs.	"	1250Kgs.
Gross Weight	1250Kgs.	1300 Kgs.	1550 Kgs.
Change Parts required	(A) Container: Star Wheel, Centre guide, Feed Worm. (B) Cap: Die, Delivery Chute, Bowl.		
Input Specification			
ROPP Cap Specification	Diameter** Height** Round Shape	19mm to 38mm** 15 to 18.3mm (A) dia.22 mm to dia. 100mm*** (B) Height 58mm to 240mm*** (Height option Other bottle height available)	
Container Size*	Flat / Square	(A) 15 mm to 100 mm (length) (B) 10mm to 50mm (Width) (C) 58mm x 240mm (Height) Other bottle height available)	



SALIENT FEATURES

- No container no cap arrangement
- Single motor synchronises conveyor, star wheel & platform turret.
- Adjustable height of conveyor belt.
- All contact parts are made out of stainless steel.
- Sealing pressure can be varied to suit different gauges and size of caps.
- Specially designed hopper is provided to increase storage capacity of bowl.
- Low noise level, low power consumptions. No cap No container arrangement (optional)
- Self lubrication UHMW-PE guide profile for SS slat chain provides low friction wear surface, smooth and noiseless conveying.
- Drain tray around machine platform.
- SS cladding or hard chrome plating of all exposed parts to ensure long life and resistance against corrosion.
- Synchronized A/c drive to synchronize, conveyor, star wheel and platform turret & capping bowl.
- Universal coupling for quick and easy setting of In-feed worm.
- Adjustable bottle height gauge for easy and quick setting

OPTIONAL FEATURE

- No cap no container arrangement.
- Motorized height adjustments system.
- Acrylic cabinete.

UTILITY REQUIRMENT

Electrical Supply : 3 Phase+Neutral+ Earthing
Electrical load : 1.5 KW

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

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