

SMCPP-150 Automatic Dosing Cup Placing Machine



Description:

Automatic Measuring / Dosing Cup Placement & Pressing machine is highly efficient machine with elegant look, consists of conveyor, vibrator, feed worm, container holding star plate, & pressing plate. All the exposed parts of the unit are in S.S., chrome plated or caddied with S.S. The machine is precision built on sturdy welded steel frame completely enclose in stainless steel sheet and doors are provided to facilitate the servicing of machine.

Operation:

The feed container moving on conveyor belt are feed into an In-feed star wheel through In-feed worm, star wheel bringing the sealed container below the pressing plate, mean while the sealed bottle pickup a cup from the delivery chute of bowl, where the body and the neck of the container are positioned below the pressing plate, where the pressing plate press cup gradually & performing perfect operation of cup pressing.

Technical Specifications:

Model	SMCPP-150
Output/Hour*	3600 to 9000 Bottles
Direction of Movement	Left to Right
Electrical Specification**	
Main Motor	0.75 HP / 220 Volts / 50 Hz.
Cap Feeding Bowl	300 Watt Magnetic Coil
Height of Conveyor**	860 mm to 910 mm
Machine Dimension**	2135 mm (L) x 1020 mm (W) x 1800 mm
Case Dimensions	2250 mm (L) x 1150 mm (W) x 2200 mm
Net Weight	500 kgs.
Gross Weight	850 kgs.
Change Parts Required	(A) Container: Star Wheel, Back guide, Feed Worm.
	(B) Cap: Delivery chute, bowl.

Input Specification:

Dosing 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 ***
		Respectively Height 58 mm to 240 mm***
		(Height option for other bottle height available)
	Flat / Square	(A) 15 mm to 100 mm (Lenght)
		Respectively 10 mm to 58 mm(Width)***
		Respectively Height 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.

Salient Features:

- No container no cup arrangement.
- SS elegantly matt finished body Single motor synchronizes conveyor, star wheel, & platform turret.
- Adjustable height of conveyor belt, to align with other machine of the line.
- Specially designed hopper is provided to increase storage capacity of bowl.
- Low noise level, low power consumptions.
- Self lubricating UHMW- PE guide profile for low friction wear surface, smooth and noiseless conveying.
- SS cladding or hard chrome plating of all exposed parts to ensure long life and resistance against corrosion.
- A/C drives to synchronize, Conveyor, Star wheel and Platform turret & capping bowl.
- Universal coupling for quick and easy setting of In-feed worm.

Optional Features:

- No cup no container arrangement.
- Motorized Height Adjustments.
- Acrylic cabinet.
- Safety Guard for Operation and Protection.

Utility Requirement:

Electrical Supply:	Single Phase + Neutral + Earthing
Electrical Load:	0.75 KW