

## Single Head Auger Type Powder Filling Machine – Automatic PAF-50



Automatic Auger type Powder filling machine is precision built on sturdy welded MS frame completely enclosed in stainless steel sheet and doors are provided to facilitate the servicing of machine. The unit is made compact, versatile and enclosed in stainless steel elegantly matt finish body.

### **Operation:**

The dried, sterilized and siliconized bottles are fed through the infeed Turn Table on the infeed SS/Delrin conveyor belt at the required speed for feeding. When bottle reaches under the filling head, it is held by the pneumatic bottle holder. Immediately it is sensed by the bottle sensor and gives signals to magnetic clutch to start to rotate which is mounted on auger shaft. It will fill the desired amount of powder to the bottle through auger, where rotation time is set in the Timer. After filling of first bottle pneumatic bottle holder releases the first bottle to move on conveyor for next operation.

**Technical Specification:**

<b>Model</b>		<b>PAPF-50</b>
Output/Hour*		1500-3000 containers
Number of head		1 No.
Fill Size***		5 Gms to 500 Gms
Electrical Specifications**	Main Machine	0.75 HP / 415Volts / 50 Hz.
	Conveyor	0.25 HP / 415 Volts / 50 Hz.
Machine Dimensions**		1500 mm (L) x 1100 mm (W) x 1700 mm (H)
Case Dimensions**		1700 mm (L) x 1300 mm (W) x 1900 mm (H)
Net Weight		370 Kgs.
Gross Weight		600 Kgs.
Change parts required		(a) Auger (b) Funnel