

Automatic Double Head Auger Type Powder Filling Machine



Legend Automatic double head auger type powder filling machine is a versatile filling machine ideal for non-free flowing, fluffy & sticky powders such as Pharmaceuticals powder, talcum powder, tooth powder, custard powder, ground spices etc. Legend Automatic double head auger type powder filling machine Works on Auger metric principle. The dripping of powder after the filling stroke is eliminated by using precisely machined parts and improved auger design. Sturdy robust design, sophisticated manufacturing techniques, better material of construction and cGMP compliance ensures long and trouble-free life.

Salient features:

- Totally enclosed heavy steel structure body to avoid any vibration.
- Accurate Auger and Funnel having non – sticky characteristic.
- Filling dose can be adjusted electronically by adjusting time for dosing.
- An attachment with loose funnel for filling the powder in small container.
- Pneumatic system can be also controlled by self make logic control.
- Automatic double head auger type powder filling machine
- All the contact parts are S.S 316 material and easily removable for mandatory autoclaving/sterilization.
- Change over from one fill size to another is easy and with no wastage of time.
- “No Container – No Filling” system eliminates wastage of costly powders.
- VFD is provided to control the speed of the conveyor.
- Endless Conveyor Belt to prevent jamming of assembly due to spillage of powder.
- In compliance with cGMP.
- Pre/Post Nitrogen Purging arrangement (optional).
- Polycarbonate Cabinet covering full machine (optional).
- PLC and MMI (optional).
- Servo Motor Driven Filling Head (optional).

Technical Specification:

- No. Of filling Head: Double head.
- Production Rate: 60 – 80 fills/ min. depending upon powder type, bulk density & filling weight.
- Power Specification: 1.0 H.P, 440 Volts, 3 Phase, 4 Wire System, 50 Hz. for Agitator, Hopper drive and 60W, 220 VAC, 1 Phase, 50 Hz. for Control and Conveyor Drive.
- Fill Capacity: 20 gm. to 200 gm. in Single Stroke with the help of dosing time and/or with help of Change Parts.
- Accuracy: $\pm 3/5\%$ depending upon consistency and uniformity of powder.
- Overall Dimensions: 1850 mm (L) x 954 mm (W) x 1750 mm (H).
- Input Specification:
- Container Dia.: 25 mm to 50 mm.
- Container Height: 36 mm to 100 mm max.
- Compressed Air: Max. 3 – 4 Kg /Cm², 3 – 4 CFM.

Technical details, specification & designs are subject to change without any prior notice.