

Automatic Single Head Auger Type Powder Filling Machine



Legend Automatic Single head dry powder auger filler 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. High operational comfort with sturdy robust design, sophisticated manufacturing techniques and better material of construction ensures long and trouble-free life. This machine is manufactured strictly adhering to cGMP guidelines making it ideal for powder filling.

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 doing.
- An attachment with loose funnel for filling the powder in small container.
- All contact parts are made S.S 316 material and easily removable for mandatory autoclaving/ sterilization.
- Less Change over from one fill size to another is easy and with no wastage of time.
- Automatic single head auger type powder filling machine
- “No Container – No Filling” system eliminates wastage of costly powders.
- VFD provided to control the speed of the conveyor.
- 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: Single head.
- Production Rate: 30 – 40 fills/ min. depending upon powder type, bulk density & filling weight.
- Power Specification: 0.5 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
- 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.