

SERVO BASED LINEAR AUGER FILLING MACHINE



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Description

Automatic single or multiple head Servo auger filler suitable to fill various type of free flow or non-free flow powder in to various type of container.

Servo Auger filler systems enable you to achieve precise, repeatable filling cycles. With each fill cycle, the servo accelerates at chosen speed & rotates a selected number of revolutions and stop with repeatable filling and accuracy cycle each time.

Weight base auger filler system are used when a specific, verified, weighed quantity of product is to be dispensed include scales and load cell components to fill an accurate weight.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction.
- Servo auger drive with independent agitator and servo motor.
- No bottle no filling, out feed jam machine stop, Low powder level in hoper machine stop, etc.
- Programmable for multi speed and profile filling cycles
- Multiple adjustment without the need to stop the machine.
- Designed for easy change-over and cleaning.
- Integrated fault light and alarm to inform operator production error
- Individual auger head adjustment for fine tuning.
- All contact parts are SS-316, PTFE and non-contact parts SS 304, MS frame structure with SS cladding
- All product contact parts easy removable for sterilize.
- Adjustable conveyor guide rails to accommodate with different products.
- Pneumatic bottle stopper for smooth and accurate container handling
- Fully interlocked guarding for filling zone protection safety
- High filling accuracy: ± 2 to 3%