

Automatic Double Head Powder Filling Machine



Heli Engineers is a leading manufacturer and supplier of advanced Automatic Double Head Powder Filling Machines designed for high-speed, accurate, and efficient powder filling applications.

These machines are widely used in pharmaceutical, food, cosmetic, chemical, agrochemical, dairy, nutraceutical, and packaging industries for filling powder products into bottles, jars, containers, and pouches.

The Automatic Double Head Powder Filling Machine is manufactured using premium-quality SS304 and SS316 stainless steel construction with advanced auger filling technology for precise and hygienic powder filling operations.

The dual-head filling system increases production speed and ensures continuous powder filling performance with high filling accuracy and minimum product wastage.

Salient Features

- Advanced dual head auger powder filling technology
- High-speed and accurate powder filling system
- Manufactured in SS304 / SS316 stainless steel material
- Servo-driven auger filling mechanism
- PLC controlled operation with touch screen HMI
- No Bottle & No Fill system
- High filling accuracy with minimum wastage
- Adjustable filling speed and volume control

- Automatic bottle feeding and conveying system
- Suitable for bottles, jars, containers, and pouches
- Low maintenance and energy-efficient design
- Easy cleaning and quick product changeover
- Suitable for pharmaceutical, food, cosmetic, and chemical industries
- Heavy-duty industrial construction
- Smooth and continuous production performance
- User-friendly and easy-to-operate machine
- Twin hopper system for higher production output
- Variable Frequency Drive speed control system

Technical Specification

Machine Type	Automatic Double Head Auger Powder Filling Machine
Material	SS304 / SS316
Filling Range	10 gm to 1000 gm
Filling System	Auger / Servo Based Filling
Number of Heads	Double Head
Production Speed	Up to 60 Bottles Per Minute
Filling Accuracy	B $\pm$ 2 % to B $\pm$ 3 % Depending on Powder
Bottle Diameter	25 mm to 85 mm
Bottle Height	50 mm to 300 mm
Control System	PLC with Touch Screen HMI
Electrical Supply	415 VAC, 3 Phase, 50 Hz
Power Consumption	4.0 H.P. Approx
Conveyor Height	750 mm (B $\pm$ 50 mm)
Machine Construction	Heavy Duty Stainless Steel Fabrication
Application	Powder Filling and Packaging
Machine Direction	Left to Right