Pneumatic Valve Bag Powder Filling Machine

This machine is designed for valve bag packaging of powder and granular materials like titanium pigment and flour. The computerized instrument control makes operation and management easy, allowing users to input the target weight for automatic weighing and filling.

Overview

Industrial Powder Filling Solution

This pneumatic valve bag packing machine is engineered for the efficient and accurate filling of powdery and granular materials, such as dry mortar, chemical powders, and pigments. Featuring a computerized control system, it allows operators to easily input target weights for precise bagging between 20kg and 50kg. The robust carbon steel construction ensures durability in demanding industrial environments, while the pneumatic system provides reliable, consistent performance for high-output operations.

Technical Specifications

Model Type	LCS-FF
Weighing Range	50 kg
Filling Precision	±0.2% FS
Output Capacity	150-300 bags/hour
Air Resource Requirement	0.5 Mpa
Power Supply	380V/50Hz/3 phase, 220V/60Hz/1 phase
Reference Dimensions	1350 x 750 x 2800 mm
Construction Material	Carbon Steel

Key Components

Core Components

Component	Type/Function
Material Level Sensor	OMRON (Japan)
Weighing Controller	BG
Load Cell Sensors	OMISEO (USA)
Pneumatic Cylinder	Airtac (Taiwan)
Motor	Wan Nan (0.75KW - 1.1KW)
Bearings	FK (China)
Electric Components	CHINT (China)

Operational Details

Workflow

- Manual Bag Placing
- Automatic Filling
- Automatic Weighing
- Manual Bag Unloading

Service & Warranty

After-Sales & Commissioning

The seller provides free training on machine operation at the factory. Installation and commissioning support is available; if on-site technician dispatch is required, the buyer covers travel costs plus a daily service fee of USD 80.0 per person. Repair services are available for up to three years post-purchase, with the buyer responsible for parts costs.

Warranty Coverage	12 months from receipt (max 18 months from ex-factory)