

Automatic Open Mouth Bag Powder Filling and Weighing Machine

This automatic machine is designed for filling and weighing powder products into open mouth bags. It features a high-accuracy weighing system, automatic bag feeding, filling, sealing, and conveying.



Overview

Automatic Powder Filling and Weighing Solution

This automatic open mouth bag quantitative packing machine is engineered for high-precision powder filling and weighing. Designed for efficiency, it supports a wide weighing range of 20-50kg per bag and is suitable for various industrial applications. The system features a robust construction with SUS304 stainless steel in product contact areas to ensure durability and hygiene standards.

Performance Metrics

Key Performance Metrics

250 bags/hr

Max Capacity

0.2 %FS

Precision

50 kg

Max Weight

Technical Specifications

Weighing Range	20-50 kg/bag
Output Capacity	160-250 bags/hour
Air Resource	0.6 Mpa
Reference Weight	400 kg

Power & Utilities

Power Source	380V/50Hz/3 phase, 220V/60Hz/1 phase
Power Consumption	2.2/3 KW

Configuration

Key Components

Component	Type/Function
Material Sensor	Level Sensor
Weighing Controller	BG Controller
Load Cell	Precision Sensor
Pneumatics	Cylinder/Valve/Separator
Motor	0.75KW - 1.1KW

Construction

Construction Materials

SUS304 Stainless Steel (Contact Parts) • Carbon Steel (Frame)

Machine Dimensions

1350 x 750 x 2800 mm