

Big Bag Filling Machine

This big bag packing machine is designed for quantitative packing of materials in the 500-2000kg range. It is suitable for packaging items such as starch, coal-powder, seeds, and various types of crystallization.



Product Overview

High-Capacity Big Bag Filling Solution

The LCS-MT Big Bag Filling Machine is a robust solution designed for the efficient and accurate packaging of bulk materials into large bags. Constructed from high-grade 304 stainless steel, it is specifically engineered to meet strict food safety requirements and resist corrosion from chemical materials. This automated system streamlines the process from filling and weighing to conveying and sealing, ensuring high productivity for industrial operations.

Performance Metrics

Key Performance Indicators

2000 kg

Max Weighing Capacity

0.1 %FS

Precision

6.5 kW

Total Power

Technical Specifications

Model Type	LCS-MT
Weighing Scope	500–2000 kg per bag (freely adjustable)

Utility Requirements

Power Supply	220V AC or 4N-380V AC, 50/60Hz
Compressed Air Pressure	0.4–0.6 MPa
Air Consumption	0.5 m ³ /h

Construction & Materials

Material
304 Stainless Steel • Corrosion Resistant • Food Grade

Operational Workflow

Flowing Process

- Manual bag supply and clamping
- Automatic filling
- Automatic weighing
- Automatic bag conveying
- Automatic bag sewing/sealing

System Components

Main Structures

Component	Function
Automatic Filling System	High-speed material delivery
Automatic Weighing Balance	Precision load cell system
Ton-bag Clipper	Secure bag attachment
Automatic Belt Conveyor	Heavy-duty bag transport
Electric Control Cabinet	Centralized system management

Functional Features

Safety & Control

Overload Protection, Emergency Stop, Digital Display, Adjustable Height, Dust-Free Filling