

Bulk Bag Filling Machine

The bulk bag filling machine is controlled by a computerized instrument for easy operation. Its lifting weighing system protects against forklift damage, automatically weighing and filling bags to the target weight.



Overview

Automated Bulk Bag Filling Solution

The LCS-MT-L bulk bag filling machine is a computer-controlled system designed for the efficient and accurate filling of large bags. Featuring an integrated lifting weighing system, it protects equipment from forklift damage while ensuring precise weight control. The machine simplifies the packaging process with automatic filling, weighing, and bag clamping, making it an ideal solution for handling granular and powdered materials in industrial environments.

Technical Specifications

Weighing Capacity

- 100-500 kg
- 500-1000 kg
- 1000-2000 kg

Production Capacity

10 bags/hr
Min Capacity

15 bags/hr
Max Capacity

Compressed Air

0.6 MPa
Pressure

0.6 m³/h
Consumption

Model	LCS-MT-L
Precision	±0.2% FS
Power Supply	380V AC, 50Hz
Power Consumption	4 kW

Features & Applications

Compatible Bag Types	Bulk Bag, FIBC Bag, Jumbo Bag, Big Bag (4 Loops), Ton Bag
Suitable Materials	Plastic Granules, HDPE Pellets, Cat Litter/Sand, Urea Fertilizer, Potash Fertilizer, Gypsum Powder, Talc Powder, Calcium Carbonate, Cocoa Powder

System Components

Main Structure Components

- Feeding/Dosing System (Belt/Screw/Gravity/Vibration)
- Weighing Sensor & Balance
- Pneumatic Bag Hanger & Clamping System
- Pneumatic Bag Lifting System
- Bag Inflation System
- Electric Control Cabinet
- Optional Rolling Conveyor (1.5m + 2.5m)