

Automated Granule and Pellet Weighing Packing Machine

This machine is specially designed for quantitative packaging of materials like rice, grain, wheat, and granular organic fertilizer. It uses gravity to feed free-flowing pellets into bags.



Product Overview

Automated Granule and Pellet Weighing & Packing System

This automated packing machine is designed for the precise weighing and bagging of free-flowing granular and pelletized products. It features a robust stainless steel construction, making it suitable for demanding environments in the food, chemical, and agricultural industries. The system integrates a vibratory feeding mechanism with a digital weighing controller to ensure high accuracy and consistent throughput.

System Components

Key Components

- Automatic filling system
- Automatic weighing balance
- Automatic belt conveyor
- Automatic sewing/sealing machine
- Electric control cabinet

Technical Specifications

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|---------------------------|----------|
| Model Type | LCS-ZZ |
| Minimum Weighing Capacity | 25 kg |
| Maximum Weighing Capacity | 50 kg |
| Precision | ±0.2% FS |
| Air Power Requirement | 0.5 Mpa |

Operational Workflow

Workflow Sequence

- Manual Bag placing
- Automatic filling
- Automatic weighing
- Automatic bag conveyer
- Automatic bag sewing / sealing

Features

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| System Capabilities | Stainless Steel Construction, PLC Controlled, Vibratory Feeding, Pneumatic Bag Clamping, Emergency Stop, Overload Protection |
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