

Vertical Form Fill Seal Grain Packaging Machine

This vertical form fill seal (VFFS) packaging machine automates the packaging of granular products. It integrates a multi-head weigher for precise dispensing and forms bags from roll stock film.



ADDITIONAL IMAGES



Overview

High-Performance Grain Packaging Solution

This automatic vertical form fill seal (VFFS) machine delivers a seamless, high-speed packaging process for granular materials. By integrating advanced weighing, filling, and bag-forming technologies, it significantly boosts output while minimizing labor requirements. The system is designed for versatility, supporting various bag styles and customizable feeding methods to suit diverse industrial needs.

Technical Specifications

User Interface

- Liquid touch screen interface
- Parameter setting and modification
- Memory storage for 10 different product configurations
- Real-time product counting
- Date printing control

Feeding Methods

- Vibration
- Belt
- Screw feeding

Control System

PLC programming control system with servo power and pneumatic execution

Supported Bag Styles

Pillow bag, Angle bag, Hand hole bag, Bag connecting bag

Performance & Construction

Weighing Configuration

- Single bucket
- Double bucket
- Four bucket
- Six bucket
- Combination scale

Construction Materials

Stainless Steel • Food-grade compatible

Key Operational Features

- Closed load weighing bucket design
- Servo motor drive and horizontal seal
- Optical fiber identification signal transmission
- Encoder confirmation function
- Nitrogen filling and exhaust capabilities

Applications

Industries Served

Pharmaceutical, Chemical, Fertilizer, Seed, Tea, Food, Monosodium glutamate, Chicken essence, Feed, Sugar, Additives