

Bean Flour Powder Filling Machine

This automatic powder filling machine is designed for precise dispensing of bean flour and similar powdered materials. The stainless steel construction ensures hygiene and durability for food processing environments.



Overview

High-Speed Rotary Powder Filling Solution

The SBPF-120R is an automatic high-speed rotary dry syrup and powder filling machine designed for versatile container handling, including glass, plastic, PET, HDPE, and LDPE bottles. Utilizing a proven vacuum and air system, it achieves exceptional accuracy and speeds of up to 100 bottles per minute. Its unique bottle lifting and neck holding system ensures a clean operation by preventing powder spillage on the container exterior.

Performance Highlights

Performance Metrics

100 BPM
Max Speed

5000 g
Fill Range

2.4 kW
Power

Technical Specifications

| | |
|------------------------|--------------|
| Filling Capacity Range | 5g to 5000g |
| Maximum Filling Speed | 80 fills/min |
| Machine Weight | 250 kg |
| Power Requirement | 3 Phase 200V |

Material & Construction

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|-------------------|--|
| Contact Materials | SS316 Stainless Steel, HDPE Funnels |
| Frame Structure | Heavy duty frame with S.S. cladding and stainless steel finish |

Compatible Containers

Supported Bottle Materials
Glass • Plastic • PET • HDPE • LDPE

Operational Features

Key Operational Systems

- Vacuum and Air Systems for high accuracy
- Unique Bottle Lifting and Neck Holding system to avoid spillage
- Synchronized Bottle Infeed and Outfeed Star Wheels
- Rotary Bottle Moving system with independent moving funnels
- Internal vibratory system for high-speed filling
- Digital control panel for parameter adjustments

Maintenance & Hygiene

Modular design for easy cleaning and maintenance in food processing environments