

Powder Filling Line Automatic Food Packing & Filling Machine

Powder Filling Line – Automatic Food Packing & Filling Machine

Our **Automatic Powder Filling and Packing Machine** is designed for efficient and accurate filling of a wide range of powdered products, including milk, flour, cocoa, seasonings, and more. The system integrates seamlessly with screw conveyors, weighers and VFFS (Vertical Form Fill Seal) baggers, making it the ideal solution for automated powder packaging.

System Overview

This fully automated filling system is engineered to streamline the weighing and packaging process of powdered products. It features a screw conveyor for smooth material handling, a precision weigher for accurate measurement, and a VFFS bagger for efficient packaging.

Screw Conveyor Technical Parameters

- **Power Supply:** Single/3-phase, 220V/380V, 50Hz/60Hz
- **Power Consumption:** 0.61kW – 4.06kW
- **Silo Volume:** 100L / 200L
- **Conveying Speed:** 2m³/h, 3m³/h, 5m³/h, 7m³/h, 8m³/h, 12m³/h
- **Conveying Angle:** Standard 45°, adjustable from 30° to 60°
- **Conveyor Pipe Diameter:** 102, 114, 141, 159, 168, 219
- **Conveying Height:** Standard 1,850mm (customizable from 1,000mm to 5,000mm)
- **Machine Dimensions:** Customizable to meet customer requirements

Key Features of the Screw Conveyor

- **Automatic Weighing & Filling:** Operates with a servo motor to drive the screw, ensuring high precision and fast filling speeds. Adjustable RPM ensures optimal torque and stability.
- **Advanced Design:** The system is designed with meticulous attention to detail, from the appearance and sealing to film conveying and electrical components.
- **Automatic Error Detection:** If the bag is not fully opened, the system will halt the filling and sealing process to avoid wastage, enhancing efficiency and reducing production costs.
- **User-Friendly:** Easy to clean and maintain, with a stable operation and low failure rate.
- **Flexible Configuration:** The system can be configured with a weigher to fill premade bags or with a VFFS bagger for automated bagging.

Why Choose Our Powder Filling Line?

- **Precision & Reliability:** Achieve accurate measurements for a variety of powder products.
- **Customisation:** Tailor the system to meet your specific production needs.
- **Efficiency:** Reduce downtime with automatic error detection and minimal maintenance.
- **Cost-Effective:** Improve operational efficiency and reduce waste, leading to lower production costs.

For more information, please contact **Total Food Machines** at **02890 994 202**.





• PRODUCT DETAILS & CASES



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