

Magnesium Oxide Powder Filling Machine

This machine is designed for filling magnesium oxide powder into empty tubes for heating elements. It is compatible with tube ranking and automatic plug/pin assembly machines.



Overview

Industrial Magnesium Oxide Filling Solution

The Magnesium Oxide Powder Filling Machine is an industrial-grade solution engineered for high-precision filling in manufacturing environments. Utilizing advanced PLC control and a human-computer interface, the system achieves a superior filling density exceeding 2.17g/cm³ with minimal powder loss. With flexible configurations and adjustable vibration frequencies, this machine is designed to optimize production efficiency for tube-based filling operations.

Performance Metrics

Key Performance Metrics

6500 pcs

Efficiency (8h shift)

2.17 g/cm³

Filling Density

350 mm/min

Max Filling Speed

Technical Specifications

Electrical Requirements	Single phase 220V, 50Hz
Rated Power	1.5 KW
Air Supply	5-7 kg/cm ²
Oscillation Modes	Motor, Electromagnetic

Capacity & Compatibility

Available Positions

- 12
- 18
- 24
- 36

Tube Diameter Support	5.5mm to 16mm
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Features

Core Features

PLC Control • Auto-Fault Clearing • Adjustable Vibration • Low MgO Loss