

Magnesium Oxide Powder Filling Machine

This machine efficiently fills magnesium oxide powder into empty tubes, ideal for tubular heating element production. It is designed for high-temperature applications using small granule MgO powder, ensuring good insulation.



Product Overview

High-Efficiency MgO Filling Solution

This Magnesium Oxide Powder Filling Machine is an automated solution designed for consistent, high-density powder filling. Utilizing PLC control and a human-computer interface, it ensures precise operation with advanced features like electronic speed regulation and automated fault indication. The system is engineered to minimize powder loss while achieving industry-leading compaction densities above 2.20g/cm³.

Technical Specifications

Rated Power

2 KW

Rated Power

Air Supply Pressure	5-7 kg/cm ²
Filling Efficiency	6500pcs/8h (for 250mm length)
Feeding Speed	250-300/Min

Capacity & Configuration

Supported Dimensions

- Tube diameters below 16mm
- Tube lengths below 6000mm

Available Positions	12 positions, 18 positions, 24 positions, 36 positions, 48 positions
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Operational Features

Advanced Functions

- PLC automated control with HMI
- Variable oscillation frequency
- Zero-loss jet nozzle system
- High-density compaction > 2.20g/cm³
- Electronic terminal pin adjustment
- Automated fault diagnostic reporting