

# 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/cm<sup>3</sup> 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/cm<sup>3</sup>**

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 <sup>2</sup>
Oscillation Modes	Motor, Electromagnetic

## Capacity & Compatibility

### Available Positions

- 12
- 18
- 24
- 36

### Tube Diameter Support

5.5mm to 16mm

## Features

### Core Features

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