

Metallurgical Electrostatic Precipitator for Dust Collection

Electrostatic precipitator designed for dust collection in metallurgical applications. This industrial air pollution control equipment efficiently removes particulate matter from exhaust gases produced during metallurgical processes.



Product Overview

Industrial Dust Control Solution

This electrostatic precipitator is specifically engineered for high-efficiency dust collection within the metallurgical industry. It utilizes advanced high-voltage electrodes to charge particulate matter, ensuring effective removal from exhaust gases. Designed for resilience, the unit features robust construction capable of withstanding extreme temperatures and harsh industrial environments.

Technical Specifications

Construction Standards

High Temperature Resistant • Heavy Duty Build • Corrosion Resistant

Customization

- Configurable capacity
- Application-specific engineering
- Regulatory compliance adjustments

Collection System

Parallel Plates, Parallel Tubes, High Voltage Electrodes

Operational Components

Primary Components

| Component | Function |
|-------------------------|---------------------------------------|
| Collection Plates/Tubes | Traps charged dust particles |
| High Voltage Electrodes | Charges particles for separation |
| Dust Hopper | Collects and stores precipitated dust |