Dry Flue Gas Desulfurization System with Dust Integration

This industrial machinery integrates dry flue gas desulfurization with dust removal. The system is engineered for removing sulfur dioxide and particulate matter from exhaust flue gases.

Overview

Advanced Emission Control Solution

This Dry Flue Gas Desulfurization (FGD) system is an integrated industrial solution designed to simultaneously remove sulfur dioxide and particulate matter from exhaust gases. Engineered for high-efficiency environmental compliance, the system features a robust vertical reactor design supported by a heavy-duty steel framework. It is an ideal choice for power plants and manufacturing facilities seeking to reduce air pollution and meet stringent international environmental regulations.

Key Features

Core Capabilities	Dry Desulfurization, Dust Integration, SO2 Removal, Particulate Matter Control, Environmental Compliance

Technical Design

System Architecture

- Multiple vertical cylindrical reactors
- Integrated absorber units
- Interconnected industrial ductwork
- Reinforced steel supporting framework

Applications

Target Industries

Power Generation • Industrial Manufacturing • Heavy Industry • Environmental Engineering

Operational Benefits

Efficiency Metrics

1 System
Integrated Process