Flue Gas Desulfurization System

This is a flue gas desulfurization (FGD) system used in power plants. It removes sulfur dioxide (SO2) from flue gases produced by burning fossil fuels.

System Overview

Advanced CFB Desulfurization Technology

This Circulating Fluidized Bed (CFB) Flue Gas Desulfurization (FGD) system provides a robust solution for large-scale industrial power plants. Designed for high-efficiency sulfur dioxide removal, the system integrates seamlessly into existing combustion exhaust infrastructures. It offers a reliable, dry-process alternative that eliminates the need for wastewater treatment or flue gas reheating.

Performance Metrics

Desulfurization Efficiency

95 %
Efficiency

System Features

Key Advantages

- High desulfurization efficiency (e95%)
- Simple process and reliable system architecture
- Dry by-product generation
- No wastewater production
- No requirement for flue gas reheating
- Low investment and maintenance costs
- Compact design with low space requirements

Operational Capabilities

Development Status

Supercritical CFB FGD Technology • Large Unit Application

Proven Unit Applications	200MW, 300MW, 660MW