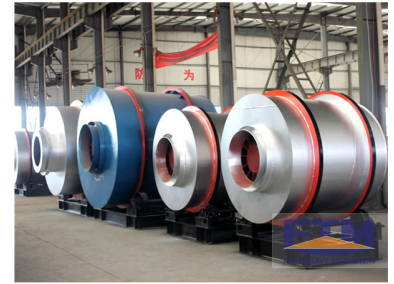


Three-Drum Rotary Dryer

The Three-Drum Rotary Dryer efficiently reduces moisture in materials through contact internal heating. This continuous drying machine is suitable for drying particle materials like yellow sand and various sands used in industries like dry powder mortar and casting.



Overview

Three-Drum Rotary Dryer

The Three-Drum Rotary Dryer is a high-efficiency industrial dewatering and drying unit designed for continuous operation. Utilizing a contact internal heating method, it transmits heat from the inner drum walls to the material, effectively vaporizing moisture. Its compact, three-concentric-drum design optimizes heat transfer, reduces the required floor space by half compared to single-drum models, and ensures consistent, reliable drying for various particulate materials.

Technical Specifications



The three-drum system utilizes concentric drums to maximize heat exposure and material mixing, ensuring thorough moisture reduction.

Operational Advantages

- Compact footprint (50% of single-drum dryers)
- High thermal efficiency
- Low energy consumption
- Reliable performance
- Automated control capability
- Minimal staffing requirements

Drying Method	Contact internal heating, continuous drying
Key Design Features	Three-concentric-drum structure, Counter-current drying, Current flow drying, Rectangle multi-loop processing

Applications

Suitable Materials

Yellow sand • Mortar industry materials • Casting industry sands • Particulate materials