

Horizontal Sand Mill for Industrial Wet Grinding

This horizontal sand mill is designed for efficient wet grinding and dispersion of materials. It features a robust horizontal configuration and advanced control systems for precise operation.



Overview

High-Efficiency Wet Grinding Solution

This horizontal sand mill is engineered for the precision grinding and manufacturing of medium to high-viscosity liquid raw materials, including paints, inks, pharmaceuticals, and electronic chemicals. Its advanced closed-system design prevents air entrapment and solvent evaporation, ensuring superior product consistency. With integrated cooling and high-performance separation technology, this machine is capable of achieving nanometer-level fineness.

Applications

Target Industries

Paints, Inks, Pigments & Dyes, Pharmaceuticals, Cosmetics, Food Processing, Paper-making, Electronic Raw Materials

Technical Features

Key Technical Advantages

- Completely closed grinding chamber to eliminate air bubbles and solvent loss
- Gap-type separation device compatible with extremely small grinding media
- Optimized high-circulation flow for superior heat dissipation
- Shaft cooling system for high-thermal stability
- Front-mounted filter element to extend shaft seal longevity
- Variable frequency speed control for precision diffuser operation

Performance

Grinding Capabilities

1 Nanometer

Fineness Level

Design & Build

Construction Details

Horizontal Configuration • Closed-System Design • Shaft Cooling • Front-Mounted Filter