

Horizontal Linear Vibrating Screen

Horizontal linear vibrating screens efficiently separate materials based on particle size. These screens are designed for durability and optimal screening performance in demanding mining and construction environments.



Overview

High-Efficiency Horizontal Screening Solution

The ZS series horizontal linear vibrating screen utilizes dual eccentric shafts to provide both linear and circular vibration characteristics for superior material processing. Designed for demanding industries, it offers high capacity, anti-blocking performance, and a low installation profile. This versatile machine excels at classification, dewatering, and desliming for both dry and wet applications.

Performance Metrics

Key Performance Indicators

45 °

Vibration Angle

Technical Specifications

Design & Operational Features

- Dual-mode: Circular and Linear vibration functions
- Forced gear synchronization for smooth start/stop
- Top-mounted vibrator design for enhanced rigidity
- Horizontal mounting reduces installation height requirements
- Anti-sticking and anti-blocking design

Operational Functions

Function	Application Type
Screening	Classification of material sizes
Dewatering	Wet material processing
Medium Draining	Fine material handling
Desliming	Fine material preparation

Compatible Materials

Granite, Basalt, Quartzite, Cobble, Limestone, Iron ore, Coal gangue, Pebble

Industrial Applications

Target Industries

Mineral separation • Coal preparation • Electric power • Smelting • Building material • Chemical industry