

Vibrating Feeder for Material Handling

The vibrating feeder is designed for robust and efficient material handling in the coal processing industry. It ensures a consistent feed rate and features a heavy-duty construction for long-term reliability.



ADDITIONAL IMAGES



Overview

High-Performance Material Handling

The F5X Vibrating Feeder is engineered for super-heavy operational conditions, featuring a robust chute body structure and an impressive 4.5G vibration intensity. Designed to handle extreme compartment pressures up to 80 m3, this feeder ensures reliable performance in demanding mining and processing environments. Its advanced design, including a high-efficiency vibrator and wear-resistant materials, optimizes material flow while minimizing downtime for heavy-load applications.

Performance Metrics

Capacity

1600 TPH

Maximum Capacity

500 TPH

Minimum Capacity

Input Size

1500 mm

Vibration Intensity

4.5 G

Technical Specifications

Key Structural Features

- Super-heavy chute design
- Large rectangular tube longitudinal beams
- NM wear-resistant steel rods
- Ladder structure for screening
- Geared motor drive system

Compatible Materials

Granite, Marble, Basalt, Limestone, Quartz, Pebble, Copper Ore, Iron Ore

Standard Bin Capacity

45 m3