

Sand Production Line

The sand production line is a complete system for producing high-quality sand from raw materials. It integrates crushing, screening, and conveying equipment to efficiently process materials into desired sand sizes.



Overview

Comprehensive Sand Production Solution

The Sand Production Line is a specialized plant designed for the high-efficiency production of building sand and stone. It integrates feeding, crushing, and screening systems to process various raw materials into finished stone and manufactured sand. This versatile solution is widely utilized in road construction, infrastructure development, and the building materials industry to meet the growing demand for artificial aggregate.

Primary Applications

Road Construction, Building Materials, Infrastructure Development, Aggregate Production, Mining

System Components



A complete sand production plant integrating crushing, screening, and conveying systems for efficient aggregate processing.

Screening & Conveying System

- Linear vibrating screens for size classification
- High-capacity belt conveyors for material transfer
- Separation of sand and stone into distinct output streams

Feeding System

Includes vibrating feeders designed to deliver raw materials consistently to crushers and screening units.

Crushing System

The core of the line, utilizing multiple crusher types (such as cone crushers) to reduce material to qualified particle sizes.

Technical Features

Key Features

High-Capacity • Heavy-Duty Frame • Size Classification • Integrated Design • Durable Construction

Crushing Mechanism

Features a conical shape with a spring suspension system for efficient size reduction.