

Mobile Sand Washing Station

The mobile sand washing station is a self-contained unit for efficient on-site sand processing. It integrates washing, screening, and conveying systems on a mobile platform, with a water recycling system to minimize water consumption.



ADDITIONAL IMAGES



Overview

Mobile Sand Washing Solution

The mobile sand washing station is a self-contained, vehicle-borne processing unit designed for efficient on-site sand washing and material separation. By integrating feeding, screening, and washing systems onto a robust, mobile chassis, it offers superior operational flexibility and reduced transportation costs for construction and mining sites. This high-tech solution ensures reliable performance while minimizing environmental impact through an integrated water recycling system.

Key Features

Operational Benefits

- Fully mobile platform for easy relocation and setup
- Integrated water recycling system to minimize consumption
- Robust chassis design for reliable operation in demanding environments
- Modular design facilitates quick on-site deployment
- Comprehensive safety features including emergency stops and guardrails

Technical Capabilities

System Components

- Feed hopper
- Vibrating feeder
- Screening unit
- Washing system
- Conveyor system
- Control panel
- Hydraulic system

Processing Functions

Washing, Screening, Conveying, Material Separation, Impurity Removal

Power Source

Electric motor and hydraulic system combination

Applications

Suitable Applications

Construction Sites • Quarries • Mining Operations • Aggregate Production • Environmental Remediation