

Drilling Mud Cleaner for Solids Separation

The mud cleaner is a solid control equipment used in drilling operations to separate and remove solids from drilling mud. It typically consists of a combination of hydrocyclones and shale shakers to efficiently remove unwanted solids of varying sizes from the drilling fluid.



Overview

High-Efficiency Solids Control

This drilling mud cleaner serves as a critical component in drilling fluid solids control systems, designed to remove sand and solids effectively. By integrating advanced hydrocyclone and shale shaker technology, it optimizes drilling fluid properties and protects downstream equipment like centrifuges. Built with high-quality, corrosion-resistant steel, this unit ensures durability and reliability in demanding drilling environments.

Technical Features

Motor Brands	Martin, Italtibras, Oli
Electrical Components	Siemens, Schneider, ABB
Design Methodology	ANSYS finite element analysis for structural optimization and ergonomic design

Operational Details

Application Areas

- Oil drilling
- Non-excavation
- Shield tunneling

Maintenance & Compatibility

Easy operation • Universal part interchangeability • Corrosion-resistant

Customization Options	Yes
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