

Drilling Mud Desilter for Solids Control

The desilter is used in drilling to separate silt-sized particles from drilling mud. It uses hydro-cyclones to create centrifugal force, separating fine solids, and returning cleaned mud to the system.



ADDITIONAL IMAGES



Product Overview

Advanced Drilling Fluid Desilter

This drilling fluid desilter is a critical component in modern solids control systems, engineered to meet increasingly stringent drilling requirements. It effectively removes harmful solid phases from drilling mud, ensuring optimal fluid properties and preventing equipment wear. Designed with high-performance polyurethane cyclones and premium electrical components, this unit offers reliable, low-maintenance operation for demanding drilling environments.

Technical Specifications

Construction Features

- Finite element analysis optimized design
- Ergonomic structural design
- Anti-corrosion treatment (pickling, passivation, hot-dip galvanizing)
- Compact structure with small footprint

Particle Separation Range	15-47 μ m
Cyclone Material	High wear-resistant pure polyurethane
Available Cyclone Sizes	4 inch, 5 inch

Operational Details

Application Areas

Oil drilling • Non-excavation works • Pipe jacking • Solids control

Key Components

- High-performance vibration motors
- Internationally recognized electrical components

Maintenance Compatibility	Vulnerable parts are interchangeable with internationally renowned brands
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