

# Decanter Centrifuge for Solid-Liquid Separation

This decanter centrifuge efficiently separates solids from liquids using centrifugal force. It is suitable for wastewater treatment, chemical processing, and food production.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Solid-Liquid Separation

This decanter centrifuge serves as a critical five-stage solid phase particle control device, essential for maintaining optimal drilling fluid viscosity and specific gravity. By utilizing centrifugal sedimentation, it efficiently separates heavy solid particles from suspensions, significantly reducing drilling costs. It is an indispensable solution for oil drilling, coalbed methane extraction, and environmentally friendly waste mud processing.

## Technical Capabilities

Particle Separation Range	2-5 $\mu$ m, 5-7 $\mu$ m
System Stage	Five-stage solid phase control

## Applications

### Primary Industries

- Oil & Gas Drilling
- Coalbed Methane Drilling
- Non-excavation Projects
- Environmental Protection (Waste Mud Processing)
- Food Processing
- Pharmaceutical Manufacturing

## Design & Construction

### Key Components

Stainless Steel Bowl • High-Torque Motor • Heavy-Duty Steel Frame • Integrated Control Panel • Adjustable Operating Parameters