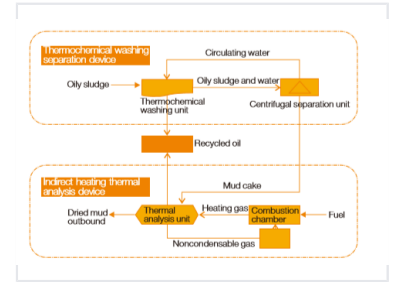


Thermochemical Washing Separation System for Oily Sludge Recycling

The thermochemical washing separation device processes oily sludge through a washing unit. This process yields recycled oil and dried mud.



System Overview

Thermochemical Washing & Separation

This advanced system is designed for the effective reduction and recycling of oily sludge. By utilizing a thermochemical washing process followed by centrifugal separation, the system successfully recovers crude oil and facilitates water recycling. The solid-phase mud is further treated and reduced, providing an environmentally conscious and efficient resource recovery solution.

Technical Process

Key Processing Stages

- Thermochemical washing unit
- Centrifugal separation
- Indirect heating thermal analysis
- Combustion chamber processing

System Components

Component	Function
Thermochemical Unit	Primary washing and separation
Centrifugal Unit	Oil-water-mud separation
Thermal Analysis Device	Mud drying and reduction
Combustion Chamber	Heating gas generation

Recovered Outputs | Recycled Crude Oil, Recycled Water, Dried Mud Cake