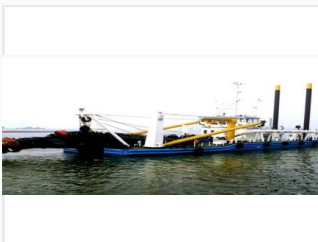


Cutter Suction Dredger

This floating vessel is used for dredging operations. It uses a rotating cutter head to loosen sediment, which is then sucked up and pumped away.



ADDITIONAL IMAGES



Overview

Versatile Dredging Solutions

The Cutter Suction Dredger is a specialized floating vessel designed for efficient excavation and sediment removal in marine environments. Equipped with a rotating cutter head, it effectively loosens seabed material before transporting it via a high-capacity suction pipe. This equipment is ideal for critical maritime projects including land reclamation, channel deepening, and harbor maintenance.

Key Performance Metrics

Primary Metrics

1 Rotating Cutter

Excavation Method

1 Suction Pipe

Transport System

Technical Design

Vessel Components

- Pontoon-like hull for maximum stability
- Ladder structure for cutter head support
- Stern-mounted spuds for anchoring
- Integrated deckhouse for crew and controls
- Floating pipeline system with buoy support

Maneuvering System

Vertical spud poles for precise anchoring and positioning during excavation.

Operational Capabilities

Primary Applications

Maintenance Dredging, Land Reclamation, Channel Deepening, Harbor Maintenance, Waterway Deepening

Discharge Method

Pumping via floating pipeline to onshore or offshore disposal sites.