

Cantilevered Centrifugal Dredging Pump

This dredging pump is a single-stage, single-suction, horizontal cantilevered centrifugal pump. It offers comprehensive economic benefits and meets the requirements of dredging ships.



ADDITIONAL IMAGES



Overview

High-Performance Cantilevered Centrifugal Dredging Pump

This single-stage, single-suction horizontal cantilevered centrifugal pump is specifically engineered to meet the demanding requirements of dredging ships and hydraulic fill operations. It offers remarkable comprehensive economic benefits through its high efficiency, low power consumption, and long service life of wet parts. Designed for easy maintenance and robust performance, it ensures reliable solids handling in harsh marine environments.

Technical Specifications

Casing Design

- 200KW~500KW: Single casing pump
- 600KW~1000KW: Double casing pump

Pump Configuration

Single-stage, single-suction horizontal cantilevered centrifugal

Performance Highlights

Performance Metrics

1000 KW

Max Power Rating

200 KW

Min Power Rating

Suction & Throughput

Good NPSH • Strong Through-put Capability • High Efficiency

Applications

Primary Uses

Dredging, Hydraulic Fill, Channel Maintenance, Land Reclamation, Mining

Construction & Maintenance

Maintenance & Installation

- Easy disassembly and installation
- Convenient maintenance access
- Reliable and simple structure
- Excellent anti-wear performance for wet parts

Operation Details

Shaft Sealing Systems

Power Range	Sealing Method
200KW - 500KW	Gland, Mechanical, or Compound Sealing
600KW - 1000KW	Rubber Sealing Device

Drive Transmission	Belt Driven, Gear Transmission
Adaptive Discharge	Yes