

# Submersible Dredge Sand Pump

This submersible dredge sand pump is a single-stage, single-casing, centrifugal horizontal pump. Its large flow path allows for handling large particle solids, while its simple structure and high chrome alloy liner ensure long life and easy maintenance.



## ADDITIONAL IMAGES



## Product Overview



Heavy-duty pump designed for high-volume submerged material extraction.

### Industrial Sand & Gravel Dredge Pump

This heavy-duty, single-stage, single-casing centrifugal horizontal pump is engineered for the efficient handling of sand, gravel, and abrasive slurry. Featuring a high-chrome alloy liner and a robust, simple structure, it ensures a long service life and simplified maintenance in demanding dredging and mining environments. Its large flow path design allows for the transport of extraordinarily large particles while maintaining excellent anti-cavitation performance.

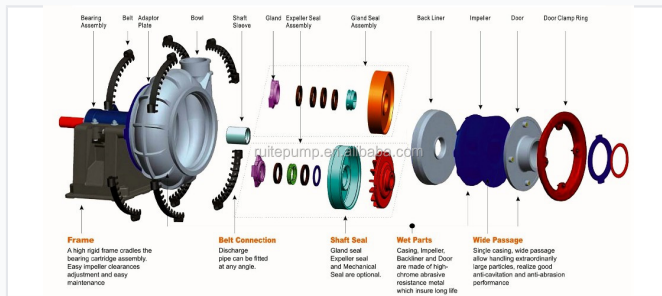
## Performance Specifications

### Performance Metrics

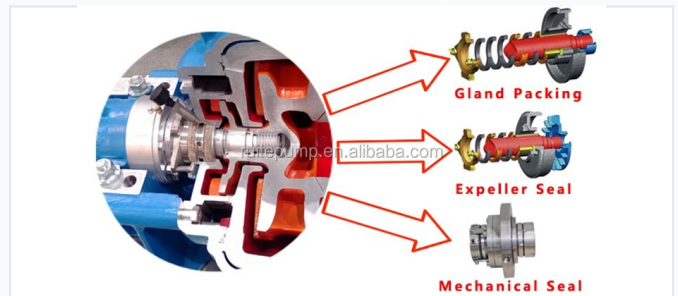
**1500 l/s**

Max Flow Rate

## Technical Details



Detailed component breakdown showing bearing assembly, wet parts, and shaft seal options.



Internal view highlighting gland packing, expeller, and mechanical seal configurations.

### Design Features

- Single-stage centrifugal design
- Horizontal cantilevered construction
- High-chrome abrasive-resistant wet parts
- Wide passage for large particle handling
- Optional Gland, Expeller, or Mechanical shaft seals

### Key Components

- Impeller
- Throat bush
- Liner
- FPL insert

### Material Composition

High Chrome, Rubber, Ceramic, Stainless Steel (SS304/SS316)

## Applications

### Primary Applications

Dredging, Mining, Industrial Slurry Pumping, Environmental Remediation, Wastewater Treatment