

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.

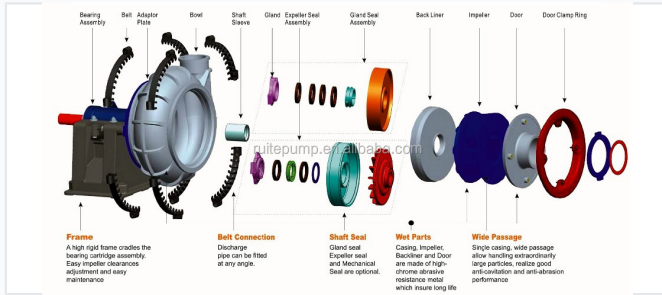
Performance Specifications

Performance Metrics

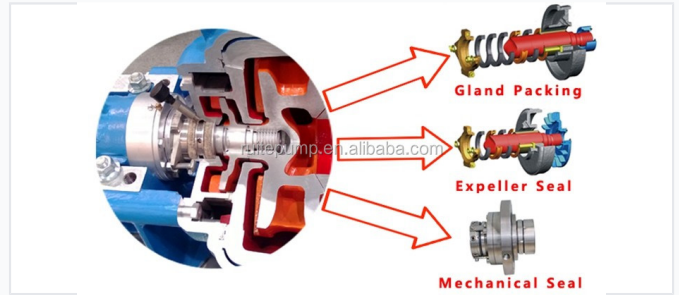
1500 l/s

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