

# Horizontal Sand Gravel Pump

This single-stage, centrifugal horizontal pump is designed for handling sand and gravel. Its large flow path allows for the passage of large particle solids.



## ADDITIONAL IMAGES



## Product Overview



Robust horizontal pump assembly designed for mining and dredging applications.

### High-Performance Sand & Gravel Pumping

The RGM series is a single-stage, single-casing centrifugal horizontal pump specifically engineered for dredging and industrial slurry applications. Its large flow path is designed to handle extraordinarily large particle solids without clogging, ensuring continuous operation in harsh environments. Constructed with high-chrome alloy liners, this pump offers an extended service life and simplified maintenance for professional B2B operations.

## Technical Performance



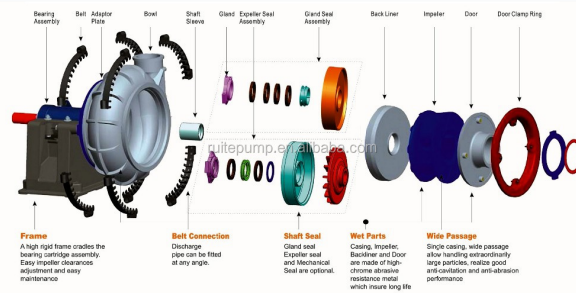
Engineered for high efficiency and minimal downtime in demanding industrial environments.

### Key Performance Metrics

**1500 l/s**

Maximum Flow Rate

## Design & Construction



Detailed view of the pump's internal structure, highlighting the high-chrome wet parts and wide passage design for large particles.

### Design Characteristics

- Single stage, single casing centrifugal design
- Horizontal cantilevered construction
- Wide flow passage for large particle handling
- High rigid frame cradling the bearing cartridge
- Flexible belt connection for adjustable discharge angles

## Materials & Durability

### Wear-Resistant Materials

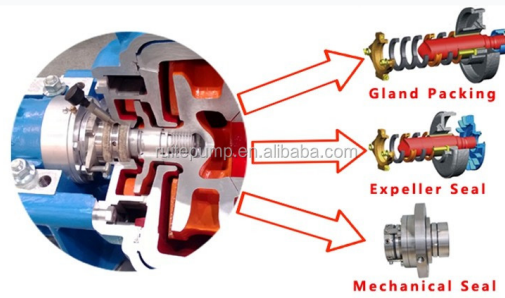
High Chrome (A05, A07, A33, A49), Stainless Steel (SS304, SS316), Rubber, Ceramic

## Components & Maintenance

### Replaceable Wet Parts

- Slurry pump impeller
- Slurry pump liner
- Throat bush
- FPL insert
- Casing
- Back liner
- Door

## Sealing Options



Interchangeable sealing configurations including gland packing, expeller, and mechanical seals to suit various operational needs.

### Shaft Seal Configurations

Gland Seal • Expeller Seal • Mechanical Seal

## Applications



High wear resistance ensures a long service life when handling abrasive solids.

### Primary Applications

- River sand pumping
- Mining and mineral processing
- Dredging operations
- Heavy-duty slurry transfer
- Corrosive fluid handling

## Model Specifications

### THG Series Dimensional Data

Model	A (mm)	B (mm)	C (mm)	Weight (kg)
6/4D-THG	1006	492	432	460
8/6E-THG	1286	622	546	1120
10/8F-THG	1591	857	762	2250
12/10G-THG	2010	1207	851	4450
16/14TU-THGH	2367	1460	1200	12247

## Certifications



Our pumps meet rigorous international quality standards for reliable performance in the field.

### Quality Assurance

ISO 9001, SGS Certified, OEM Parts Compatible