

# Sand and Gravel Dredge Pump

The RGM series sand and gravel pump is a single-stage, single-casing, centrifugal horizontal pump. It is designed for handling abrasive slurries containing large solids in applications such as mining and dredging.



## ADDITIONAL IMAGES



## Product Overview

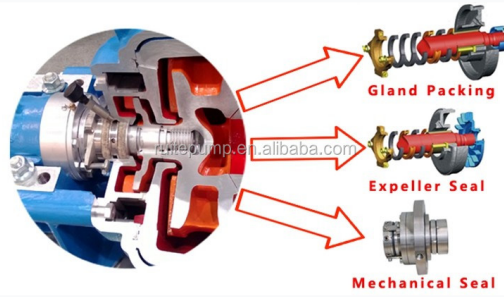


A robust centrifugal pump designed for high-volume abrasive material transfer.

### High-Efficiency Sand and Gravel Pump

The RGM series is a high-performance, single-stage, horizontal centrifugal pump engineered specifically for continuous handling of highly abrasive slurries and large solids. Designed for extreme durability, this pump is ideal for demanding applications such as waterway dredging, mining operations, metal smelting sludge management, and river desilting. Its robust construction ensures reliable performance and reduced maintenance requirements even in the most challenging industrial conditions.

## Design and Engineering



Detailed view of internal sealing options including gland packing and mechanical seals.

### Pump Type

Single-stage, single-casing centrifugal horizontal pump

### Available Sealing Mechanisms

Gland Packing, Expeller Seal, Mechanical Seal

## Performance Metrics



High-efficiency pump unit suitable for harsh dredging environments.

### Industry Applications

- Mining and Metallurgy
- Waterway Dredging
- Metal Smelting
- Coal Processing
- Construction and Infrastructure

## Technical Dimensions

### Model Size Specifications

| Model        | Weight (kg) |
|--------------|-------------|
| 6/4D-THG     | 460         |
| 8/6E-THG     | 1120        |
| 10/8F-THG    | 2250        |
| 12/10G-THG   | 4450        |
| 14/12G-THG   | 5400        |
| 10/8S-THGH   | 3188        |
| 12/10G-THGH  | 4638        |
| 16/14TU-THGH | 12247       |

## Certifications

### Compliance

SGS • ISO 9001 • CCC