

# High Chrome Slurry Pump for Dredging and Mining

This slurry pump is designed for transporting abrasive slurries containing solid particles in industries like mining and metallurgy. It is suitable for applications such as metallurgical mill pulp conveying, hydraulic ash thermal power plants, and river dredging.



## ADDITIONAL IMAGES

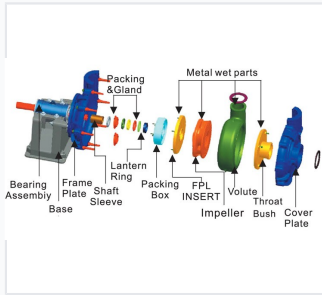


## Product Overview

### Heavy-Duty Slurry Pump Solution

This high-performance centrifugal slurry pump is engineered for demanding industrial applications, including mining, dredging, and power generation. Featuring a robust double-casing horizontal design, it excels at transporting abrasive solid particles and corrosive slurries. Built with high-chrome alloy or rubber wet-end components, the pump offers exceptional durability, wear resistance, and operational flexibility for heavy-duty environments.

## Technical Specifications



Detailed exploded view showing the internal assembly including the bearing, impeller, and wet parts.



Essential spare parts including impellers, liners, and shaft sleeves designed for high-abrasion resistance.



The pump is available in multiple configurations (CV, CRZ, DC, ZVZ) to suit specific installation requirements.



Precision manufacturing process using various molding techniques to ensure component integrity.

### Bearing Assembly Features

- High rigidity shaft for heavy-duty conditions
- Cartridge bearing assembly
- Grease-lubricated bearings
- Labyrinth seals to prevent contamination
- Stainless steel shaft sleeve with O-rings

### Key Components

- Impeller with pump-out vanes
- Adjustable bearing assembly
- Reinforced casing with ribs
- Interchangeable wet ends

<b>Pump Type</b>	Single stage, single suction, centrifugal, double-casing horizontal pump
<b>Construction Materials</b>	High-Chrome Alloy, Rubber, Gray Iron, Ductile Iron, Stainless Steel

## Applications

### Suitable Industries

Mining • Electric Power • Metallurgy • Coal Processing • Environmental Protection • Chemical Industry • Dredging

## Performance Data

### Performance Metrics (Representative)

Model	Max Power (kW)	Efficiency (%)
1.5/1B-TH	15	40
3/2C-TH	30	55
6/4E-TH	120	65
8/6R-TH	300	71
16/14TU-TH	1200	80