



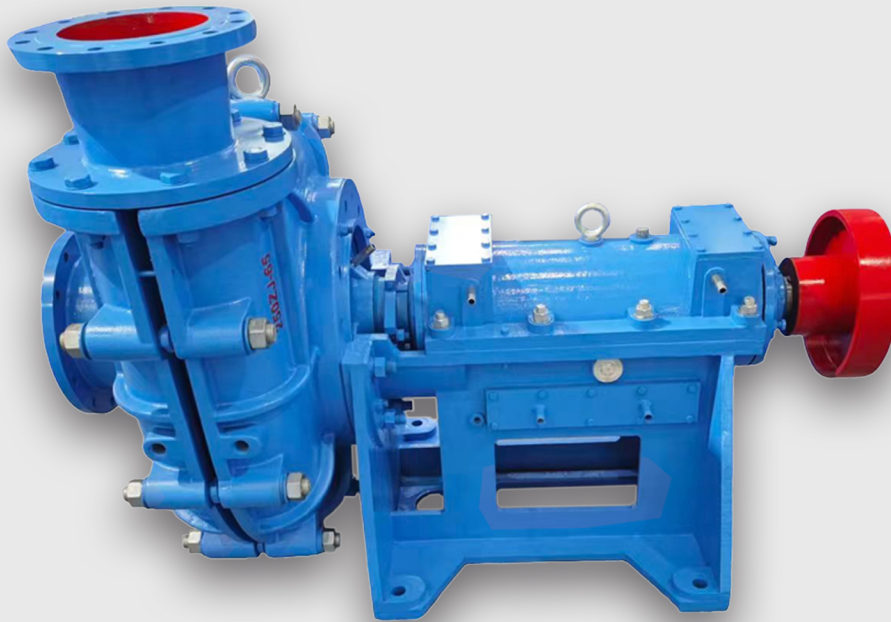
Product Overview

The ZJ series comprises single-stage, single-suction, horizontal cantilever centrifugal slurry pumps. This pump series is designed in accordance with advanced international theories regarding solid-liquid two-phase flow, adhering to the principle of minimizing hydraulic losses. The geometry of its wet-end components is optimized to align with the flow dynamics of the medium, thereby reducing both local and frictional hydraulic losses—such as those caused by turbulence and impact—and consequently mitigating wear on the wet-end parts, enhancing hydraulic efficiency, and lowering operational noise and vibration. The wet-end components of this series are cast from high-hardness alloy iron; this material features exceptional resistance to abrasion, corrosion, and impact, thereby significantly extending the pump's service life. Furthermore, the series incorporates a dynamic pressure-reduction mechanism to ensure effective sealing and prevent slurry leakage.

ZJ Slurry Pump

16

GRAVEL PUMP



Features

The material features high resistance to abrasion, corrosion, and impact.

The ZJ-type slurry pump is widely applicable in industries such as mining, metallurgy, electric power, coal, chemicals, and building materials.

This series of slurry pumps features a comprehensive range of models, stable performance, broad operational coverage, and ease of selection.

It features high efficiency, energy conservation, a long service life, lightweight construction, a rational structure, reliable operation, low vibration, and low noise.

The types of pump shaft seals include packing seals, auxiliary impeller seals, and mechanical seals.

Transmission Methods: V-belt drive, flexible coupling drive, and gear reducer drive.



Technical Parameters

Product Name	ZJ Slurry Pump
Pump Structure	Horizontal
Rated Flow Rate	9-1500 m ³ /h
Rated Head	13-110 m
Associated Power	5.5kw-450kw
Cavitation Margin	2.5-4.5
Pump Body Material	High-Chromium Wear-Resistant Alloy
Transmission Method	Electric-driven / Diesel-driven
Application Medium	A mixture of sand, water, mud, and gravel
Installation Method	Base Installation