

# Product Introduction

## ➤ Series HS Slurry Pump

Discharge Diameter: 25~650mm  
Flow Capacity: 6.5~9900m<sup>3</sup>/h  
Head: 5~70m

## ➤ Series HHS Slurry Pump

Discharge Diameter: 25~150mm  
Flow Capacity: 7~1000m<sup>3</sup>/h  
Head: 20~120m

## ➤ Series LS Slurry Pump

Discharge Diameter: 20~700mm  
Flow Capacity: 3.6~14400m<sup>3</sup>/h  
Head: 5~60m



# HS/HHS/LS Slurry Pumps

- **HS Slurry Pump**
- **Features:** Double Casing Structure; High efficiency, wear resistant, stable performance, interchangeability of parts; the lining and impeller can be made of wear metal or rubber, and the discharge outlet can be adjusted with rotation interval of 45 degree, the pumps can be operated in series and driven with belt.
- **Application:** Delivery of slurry with strong abrasion high concentration for metallurgy, mines, coal and power plant, e.g. the pulp from the ore concentrate and tailing of nonferrous mines, with particle diameter greater than 0.1mm and  $C_v \geq 5\%$
  
- **HHS Slurry Pump**
- **Features:** Double Casing Structure; High efficiency, wear resistant, stable performance, easy assembly, lining and impeller can be made of wear metal, and the discharge outlet can be adjusted with rotation interval of 45 degree, the impeller can be cut for site condition, the pumps can be operated in series and driven with belt.
- **Application:** Delivery of slurry with strong abrasion and high concentration for metallurgy, mines, coal and power plant, especially High-Head conditions.
  
- **LS Slurry Pump**
- **Features:** Double Casing Structure; High efficiency, wear resistant, stable performance, high speed rotation, small volume, less weight; liner and impeller are usually made of wear metal; the discharge outlet can be adjusted with rotation interval of 45 degree, the impeller can be cut for site condition, the pumps can be operated in series and driven with belt.
- **Features:** Delivery of slurry with light abrasion, middle or low concentration for metallurgy, mines, coal and power plant, , e.g. overflow water from concentrated tank; it also can deliver the slurry of strong abrasion and middle concentration.

# Product Introduction

## ➤ Series TS Gravel Pump

Discharge Diameter: 100~400mm;

Flow Capacity: 70~3600m<sup>3</sup>/h;

Head: 3~75m

**Features:** Single casing structure; high efficiency, wear resistant, wide flow channel, good ability of NPSH, stable performance, easy assembly, liner and impeller can be made of wear-resistant metal, the discharge outlet can be adjusted at any direction, and the pump can be driven with belt.

**Application:** Delivery of slurry with strong abrasion high concentration for metallurgy, mines, coal and power plant, especially the large particles and cavitations conditions.



# Product Introduction

## ➤ Series ZGB Slurry Pump

Discharge Diameter: 65~300mm

Flow Capacity: 20~1600m<sup>3</sup>/h

Head: 18~115m

**Features:** Double Casing structure; High efficiency, wear resistant, stable performance, easy assembly, lining and impeller can be made of wear metal, and the discharge outlet can be adjusted with rotation interval of 45 degree, the impeller can be cut for site condition, the pumps can be operated in series and driven with belt.

**Application:** Delivery of slurry with strong abrasion and high concentration for metallurgy, mines, coal and power plant, especially high head conditions



# Product Introduction

## ➤ Series TLR(R) FGD Pump

Discharge Diameter: 350~1000mm

Flow Capacity: 1600~10440m<sup>3</sup>/h

Head: 15~60m

**Features:** single stage, single suction and horizontal centrifugal pump. The wet parts are designed with the CFD Fluid Simulating Analysis Technology to ensure its high-efficiency operation. The position of impeller in the pump internal can be changed by adjusting the bearing assembly, which can ensure the pump to run efficiently. The pump adopts back pull-out structure, which is easy to disassemble and without need to remove the inlet and outlet pipeline.

**Application:** It is mainly used as the circulating pump for absorption tower in FGD system in Power Plant.



# Product Introduction

## ➤ Series VS(R) Sump Slurry Pump

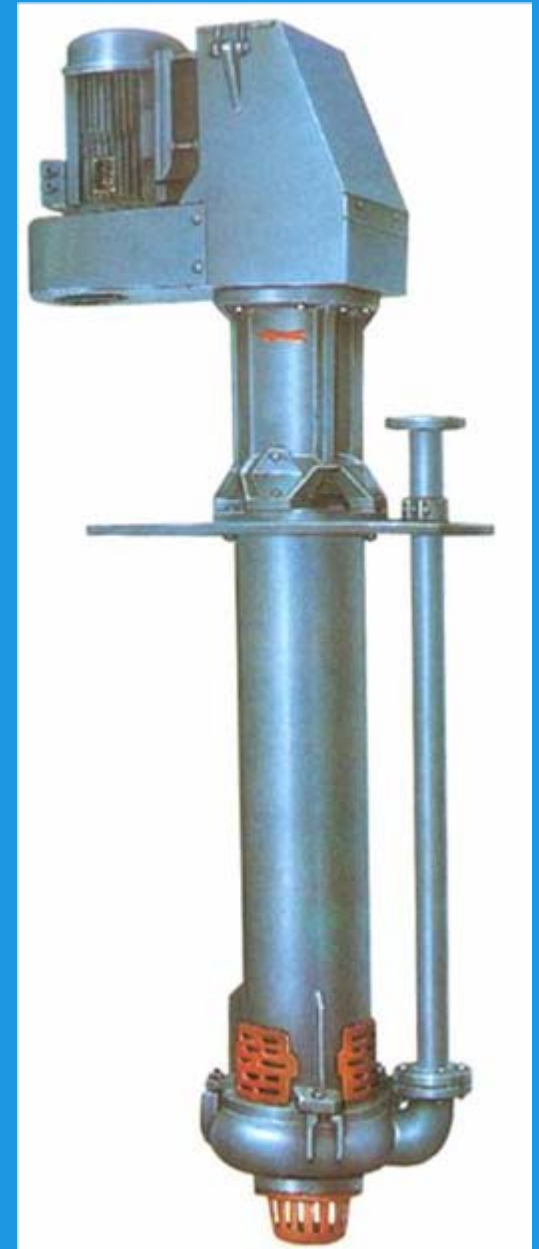
Discharge Diameter: 40~300mm

Flow Capacity: 7~1440m<sup>3</sup>/h

Head: 4.5~35m

**Features:** Vertical Centrifugal Slurry Pump. Single casing structure, no need for any shaft seal and seal water; high efficiency, stable performance, easy assembly and driven with belt.

**Application:** This series pump is usually applied in the pit and well, to deliver the slurry of strong abrasion and high concentration for mines, metallurgy, coal, power plant and building material industries.



# Product Introduction

## ➤ Series HW/NW Solution Slurry Pump

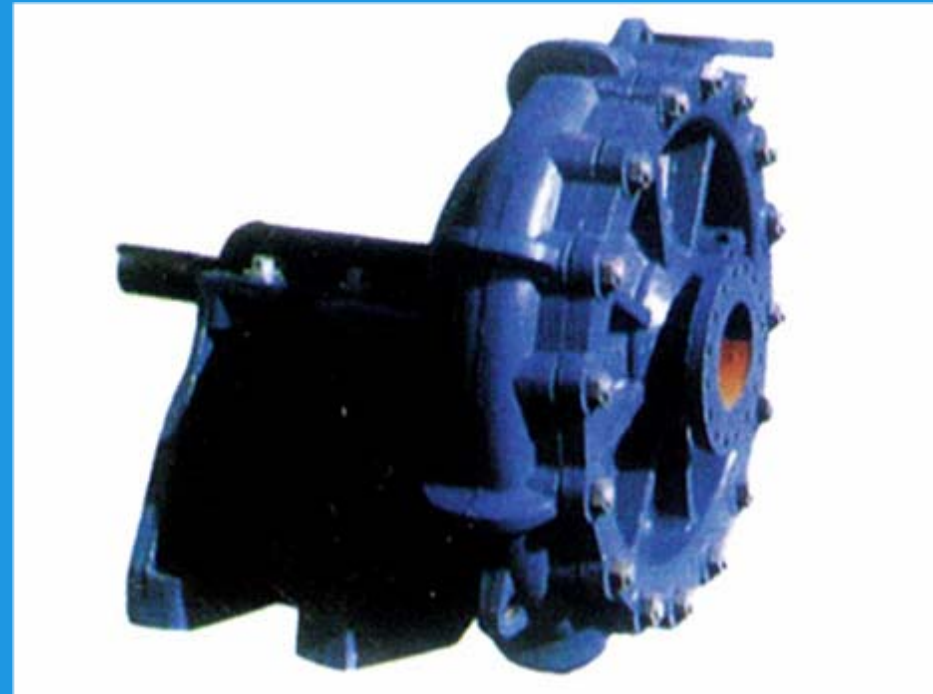
Discharge Diameter: 40~400mm

Flow Capacity: 12~4400m<sup>3</sup>/h

Head: 10~130m

**Features:** Single casing structure; the pump body and impeller are made of ductile cast iron, and can also adopt alloy material if necessary. The discharge can be fixed at 8 directions with 45 degree interval to suit the installation and application.

**Application:** Suitable for solution fluid, such as circulation water of milling machine, overflow water of concentration machine, industrial waste water, tailing recycle water, filter recycle water, dredging injection water, etc.



# Product Introduction

## ➤ Series FS Froth Slurry Pump

Discharge Diameter: 50~200mm  
Flow Capacity: 7~570m<sup>3</sup>/h  
Head: 5~30m

**Features:** Double casing structure, no need for any shaft seal and sealing water; high efficiency, wear resistant, stable performance, easy assembly, good ability to break the froth, and be driven with belt.

**Application:** Special for delivering the frothy slurry of abrasion in flotation process in mines, metallurgy, chemical process, coal industries, etc.



# Product Introduction

## ➤ Series WN(D) Dredging Pump

Discharge Diameter: 250~1000mm

Flow Capacity: 1300~25000m<sup>3</sup>/h

Head: 40~70m

**Features:** High efficiency, wear resistant, stable performance; single casing and double casing structure for choice.

**Application:** Special for the dredging and reclamation of rivers and seas, also can be applied for the delivering the abrasive slurry as tailing in mining industry.



**1000WN Dredging Pump, Max weight is 40 ton/unit**

# Product Introduction

## ➤ Series SX Split Case Double Suction Pump

Discharge Diameter: 80~1000mm

Flow Capacity: 50~17000m<sup>3</sup>/h

Head: 11~70m

**Features:** Wide performance range, high efficiency, compact structure, stable operation, easy maintenance and long service life.

**Application:** Special for the conditions and medium without abrasion, e.g., production water and domestic water for mining companies, drainage and water supply. This series pump also can adopt special material for medium containing slight solids, e.g., sewage depositing in mines.



# Product Introduction

## ➤ Series VXL Inclined Flow Pump

Discharge Diameter: 1600~2600mm

Flow Capacity: 3600~72000m<sup>3</sup>/h

Head: 5~65m

**Features:** Analyzed through CFD software, good performance, high efficiency, this is improved by 3-6% than the old generation.

Saving energy significantly, occupying less area, save basic investment and be convenient to construct.

**Application:** The Series VXL Pump can be widely applied as lifting-water pump in irrigation areas and circulation pump in Power Plants, or can transport the river water with abrasive medium and gravels by adopting suitable materials.



# Product Introduction

## ➤ Series KWP Non-Clogging Centrifugal Pump

Discharge Diameter: 40~500mm

Flow Capacity: 10~4300m<sup>3</sup>/h

Head: 1.4~100m

**Features:** high efficiency、 non-clogging、 convenient disassemble、 simplify maintain operation.

**Application:** water plant、 sewage treatment plant、 beer plant、 mine and chemical and building material.



# Product Introduction

## ➤ **Series 61/65/66/67/68 Submersible Pump**

Discharge Diameter: 65-350mm

Flow Capacity: 2~1800m<sup>3</sup>/h

Head: 15~1150m

Features: **Stable performance, reliable structure, and fine material, horizontal or vertical installation, and complete system.**

Application: **emergency rescue in coal mines, municipal water works, irrigation and seawater industry**



# Product Introduction

## ➤ Series BY Single Stage & Two Stage Oil Centrifugal Pump

Discharge Diameter: 40~250mm

Flow Capacity: 2.5~600m<sup>3</sup>/h

Head: 30~330m

**Features:** High efficiency, energy-saving, reasonable structure, high interchangeability and wide range of material, without leakage and easy to install.

**Application:** Petrochemical industry, oil refinery and chemical fertilizer plants.



# Product Introduction

## ➤ Series LC Chemical Flow Pump

Discharge Diameter: 25~400mm

Flow Capacity: 5~2600m<sup>3</sup>/h

Head: 4~250m

**Features:** Hydraulic model analyzed with CFD technology, good performance, double volute, mechanical seal, environmental protection without leakage, safe and wide applied industries.



**Application:** Petrochemical industry, oil refinery plants, chemical industry, paper making plants, and seawater treatment industries, etc.

# Product Introduction

## ➤ Series FXZ Heavy Duty Cyclone

Diameter: 400~710mm

Capacity: 40~100ton or 70~190m<sup>3</sup>/h

Feeding Grain's Size: 0~50m

**Features:** simple structure, good wear resistance, low cost, easy installation, and high efficiency of separation with long service life which is four times than normal ductile cast iron material.

**Application:** FXZ400-FXZ700 types are mainly used for separation of mine stones, FXZ500/350 and FXZ710/500

types are mainly used for the separation of fine coal, middle size coal and gangue.



# Product Introduction

Series LRQ, LBO, LOQ, LZQ Starter

Supply Power:  $380V \pm 10\%$ , 3 phase, 50Hz,  
or according to requirements.

Power Range: 2.2-600kW

Starting Mode: Soft Start, Impulse Start,  
Full-Voltage Start

Series ZHJ, ZGJ, ZWJ, ZMHNJ, TLJ, KHJ,  
KGJ, KWJ, NB-J, NBS-K, SX, SX-W, L-  
Type and Metal-Bellow Type  
Mechanical Seal

Max Pressure: 4MPa

Temperature Range:  $-20^{\circ}\text{C}$ - $400^{\circ}\text{C}$

Series MPL Shaft Coupling

Nominal Torque: 170-45000 N·m

Allowable Max Rotation Speed:

2850-12700 r/min



## **Main K Series Wear-resistant Material**

**KB04:** High hardness which can get 56HRC after hardening treatment, strong wear resistance, and have certain corrosion resistance, suitable for medium with 5-12 PH.

**KB06:** High hardness which can get 58HRC after hardening treatment, strong corrosion resistance.

**KB09:** Have erosion resistance and corrosion resistance for low PH ambience, especially for flue gas conditions in power plant.

**KB33:** Have certain erosion resistance and corrosion resistance, special for delivering the oxidative slurry with PH less than 1, e.g., phosphogypsum, nitric acid, sulphuric acid and phosphoric acid in chemical fertilizer plants.