

Heavy Duty Slurry Pump Solution

With the accumulation and development of 10 years, we have formed a complete system of pump design, selection, application, manufacture, marketing and maintenance.

Our products are widely used in metallurgy, power plant, coal washing, mining, sewage water treatment, sand dredging, chemical and petroleum industries.

We help our customers to address and understand many issues regarding slurry pumping. Our experienced engineers could select the right pump model according to your requirement.

We carry the largest spares for slurry pump parts in our area, delivery time will not be a problem anymore. We also offer in-site stock spares for prompt delivery. Check to us when your parts could be delivered today, next month or next year, you will find that we are offering stable delivery time.



Our Value: Meet customers' requirement

Our capability: Continuous innovation, Rapid response

We endeavor to develop and provide customer with good quality pumps and best service, decrease cost of our customers.

Find more pump
representatives
all over the
world

Two
strategies

Enlarge our
product range



DESIGN AND APPLICATION

The Centrifugal Pumps for Slurry and Pulps from Hedun Pump® are available in a wide range of models and configurations.

Hedun centrifugal pumps are designed to meet the most severe working conditions in most industries, mainly mining, aggregates, metallurgical, power, coal, chemistry and environmental. Its careful design together with the suitability of the materials used in their manufacture ensures a long service life, high level of reliability and efficiency, as well as an efficient and profitable operation in the harshest environments, in terms of abrasion and corrosion.

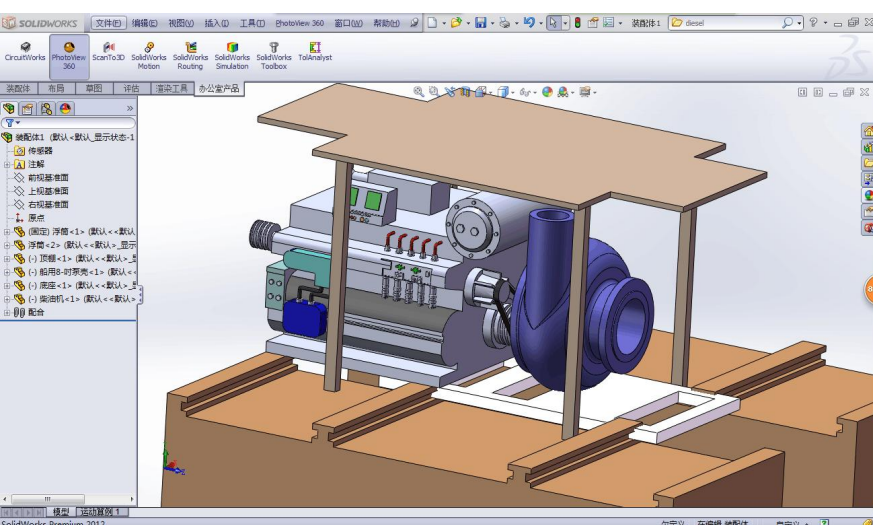
EXPERTISE AND ADVICE

Hedun's technical team has extensive expertise and knowledge in the technology of sludge and slurry pumping, having more than 30 years worldwide experience in the selection of pumps for pulps in the most diverse applications, including: treatment of metallic and industrial minerals; washing systems for sand and aggregates; coal washing; chemical industry processes and sugar industry; treatment of slag and desulphurization of combustion gases in power stations.

In response to the needs of the customer, our specialist engineers provide total support, as consulting and technical assistance in all pumping projects, selecting and sizing the appropriate equipment so that it complies with the application requirements and ensures the benefits of reduced maintenance, effective performance and lower energy consumption. Our technical field service team assists with its confirmed experience to operators in its works of installation and commissioning at any level of involvement required by client.

QUALITY OF MANUFACTURE

All pumps and components in manufacture are subject to rigorous metallurgical control and analysis of each piece cast in the foundry to verify and qualify materials and the manufacturing process. In the Test Centre hydraulic tests are performed to ensure the performance and efficiency of each pump.



RANGE OF CENTRIFUGAL PUMPS FOR SLURRY AND PULPS



Pump type HDA--Abrasive Pumps

Caliber range: 25mm-400mm, flow range: 12-5040m³/h, head range: 5-68m, rubber and iron wet parts are interchangeable.

Heavy-duty pump for highly specific gravity and very abrasive slurry, designed for the most severe applications, mainly: mining, sand and gravel, cement, pipeline transportation, coal mining, chemical, power industry.



Pump type HDL--Light Duty Pumps

Caliber range: 25mm-750mm, flow range: 25-13860m³/h, head range: 4-60m

Medium-duty pump for highly specific gravity and very abrasive slurry and light-duty pump for low specific gravity and reduced abrasive slurry, both designed to operate in adverse working conditions in most applications.



Pump type HDH--High Efficient Pumps

Caliber range: 25mm-150mm, flow range: 5.4-900m³/h, head range: 15-90m, characterized by thicker abrasion parts and with heavy-duty bracket, rubber and iron interchangeable.

High efficiency Pumps for highly abrasive slurry designed for the most diverse applications, mainly: mining, sand and gravel, slurry filtering, pipeline transportation, coal mining, power industry.



Pump type HDG--Grave Pumps

Caliber range: 100mm-400mm, flow range: 36-5040m³/h, head range: 5-80m. characterized by a larger overflow channel, pump high abrasive and difficult slurry with coarse size particles, specified for most applications, mainly: mining, sand and gravel, coal mining, power industry and dredging.



Vertical Pump, type HSP--Vertical Slurry Pumps

Caliber range: 40mm-300mm, flow range: 17-1267m³/h, head range: 4-40m, metal and rubber wet parts could be used. Features by using immersed in the pool or pit work, mainly: mining, sand and gravel, cement, coal mining, chemical processes, sewage water treatment and power industry.



Dredge Pump, type WN--Dredge Pumps

One-stage horizontal Dredge Pump, single casing (sizes 200-500mm) or double casing (sizes 600-1000 mm), with excellent resistance against wear, easy maintenance and cost-effective operation to meet dredging requisites.



Froth Pump, type HDF--Froth Pumps

Caliber range: 50mm-200mm, flow range: 20-650m³/h, head range: 5-30m. Heavy-duty froth pump for frothy pulps from flotation circuits and other foam type slurry transportation.



Submersible Slurry Pumps--ZJQ

Caliber range: 50mm-250mm, flow range: 50-1000m³/h, head range: 20-25m. features a single-stage single-suction vertical submersible slurry pump. Characterized by using under water, we can offer both electric driven and hydraulic type pumps. They are used when the liquid depth is up to 25 meters.

Warman model VS Hedun model

Warman AH/AHR	HDA/HDR	Warman HH	HDH	Warman L/M	HDL/HDM	Warman G	HDG	Warman SP	HSP
1.5/1B-AH(R)	1.5/1B-HDA(R)	1.5/1C-HH	1.5/1C-HDH	20A-L	20A-HDL	6/4D-G	6/4D-HDG	40PV-SP	40P(R)-HSP
2/1.5B-AH(R)	2/1.5B-HDA(R)	3/2D-HH	3/2D-HDH	50B-L	50B-HDL	8/6E-G	8/6E-HDG	65QV-SP	65Q(R)-HSP
3/2C-AH(R)	3/2C-HDA(R)	4/3E-HH	4/3E-HDH	75C-L	75C-HDL	10/8F-G	10/8F-HDG	100RV-SP	100R(R)-HSP
4/3C-AH(R)	4/3C-HDA(R)	6/4F-HH	6/4F-HDH	100D-L	100D-HDL	12/10G-G	12/10G-HDG	150SV-SP	150S(R)-HSP
4/3D-AH(R)	4/3D-HDA(R)	8/6S-HH	8/6S-HDH	150E-L	150E-HDL	14/12G-G	14/12G-HDG	200TV-SP	200T(R)-HSP
6/4D-AH(R)	6/4D-HDA(R)			10/8E-M	10/8E-HDM	18/16G-G	18/16G-HDG	250TV-SP	250T-HSP
6/4E-AH(R)	6/4E-HDA(R)			10/8F-M	10/8F-HDM	24/20TU-G	24/20TU-HDG	300TV-SP	300T-HSP
8/6E-AH(R)	8/6E-HDA(R)			300S-L	300S-HDL	8/6S-GH	8/6S-HDGH	—	—
8/6R-AH(R)	8/6R-HDA(R)			350S-L	350S-HDL	10/8S-GH	10/8S-HDGH	—	—
10/8F-AH(R)	10/8F-HDA(R)			400S-L	400S-HDL	12/10G-GH	12/10G-HDGH	—	—
10/8ST-AH(R)	10/8ST-HDA(R)	Warman AF	HAF	450ST-L	450ST-HDL	16/14TU-GH	16/14TU-HDGH	—	—
12/10ST-AH(R)	12/10ST-HDA(R)	2QV-AF	2QV-HAF	500T-L	500T-HDL	—	—	—	—
14/12ST-AH(R)	14/12ST-HDA(R)	3QV-AF	3QV-HAF	550TU-L	550TU-HDL	—	—	—	—
16/14TU-AH(R)	16/14TU-HDA(R)	4RV-AF	4RV-HAF			—	—	—	—
18/16TU-AH(R)	18/16TU-HDA(R)	6SV-AF	6SV-HAF	—	—	—	—		
20/18TU-AH(R)	20/18TU-HDA(R)	8SV-AF	8SV-HAF						

Note: The wet part material is rubber when the model includes R. CC,DD,EE,FF type bearing assembly and base are available.

Other pump range

ZGB high head slurry pump	ZJ high efficiency slurry pump	ZJL Vertical slurry pump	Filterpress feeding pump	WN dredging pump	Desulphurization pump	Sulzer Pump&parts	Slurry pump parts	OEM pump parts	
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Application fields:

Equally suitable for handling abrasive slurries or combinations of abrasives and corrosive solutions, HEDUN pumps will solve pumping problems outside the scope of metal and other types of pumps.

The following list gives but a few of the many duties for which HEDUN pumps have been used.

- Sand plants

Feeding sand and water to all types of classification and dewatering.

- Coal preparation plants for dense medium circuits;

-Feeding hydrocyclones;

-Filtrate pumping;

-Handling the underflow from thickeners;

-Disposal of washery effluent

-Cement manufacture

Slurry feed to tube mill circuits: thickener feed and underflow;

-Flotation plant circuits.

-Concentrates;

-Tailings disposal and other pulp and slurry handling duties.

- Irrigation schemes and Dredging

Silt removal in dams and canal sand traps.

- Paper mills

- Steel works

Pickling acid distribution circuits in plate and wire de-scaling plants.

- Power stations

Boiler house ash disposal;

- De-scaling plants.

-China clay works

Feeding slurry to hydrocyclones and for general use in the preparation of china clay.

- Glass works

Feeding polishing media; sand plants; handling effluent.

- Water Treatment

Feeding sand and water to all types of classification and dewatering plant.

- Vegetable washing

Feeding sand and dirty water to all types of classification and dewatering plants, effluent water transfer.



HIGH QUALITY SPARES

The hydraulic parts are manufactured in a wide range of materials in high chrome steels, elastomer, polyurethane and abrasion and corrosion-resistant ceramic to guarantee a long service life and high efficiency. We provide high availability of quality spare parts, fully interchangeable and compatible with the famous global brands in the sector, so as to minimize spare parts requirements in existing pumps or if the operating parameters change, resulting in better management of inventories.

Wide availability of interchangeable and compatible spares for any type of centrifugal pump in the market. Our commitment includes full guarantee of materials and fabrication for parts in steel, elastomer, polyurethane or ceramic.

METALLIC PARTS



ELASTOMERS



Material	Description
High Chrome	Chrome content 27%, 29%, 30%, 35%, 49%
Cast and malleable iron	ISO185:1988 200; 250 ISO1083:1997 500- 7,400- 15
Stainless steel	304,316, 316L, CD4MCu, 2205, 2507
Elastomer	Natural rubber, Butyl, Neoprene, Hypalon
Polyurethane	Different hardness
Ceramics	Silicon carbide nitride, Chromium oxide, Ceramic liners

POLYURETHANE and CERAMIC



We supply OEM spares in different materials and qualities, fabricated with own designed mould, as per specification and drawings from client for diverse applications, mainly : slurry pumps, hydro cyclones, mechanical components or in the chemical industry.

Our warehouse:



Our packing for export:

