

# HXJQ<sup>®</sup>

China Largest Mining Machinery  
Manufacturer

*Operating Instruction*

# SAND WASHER

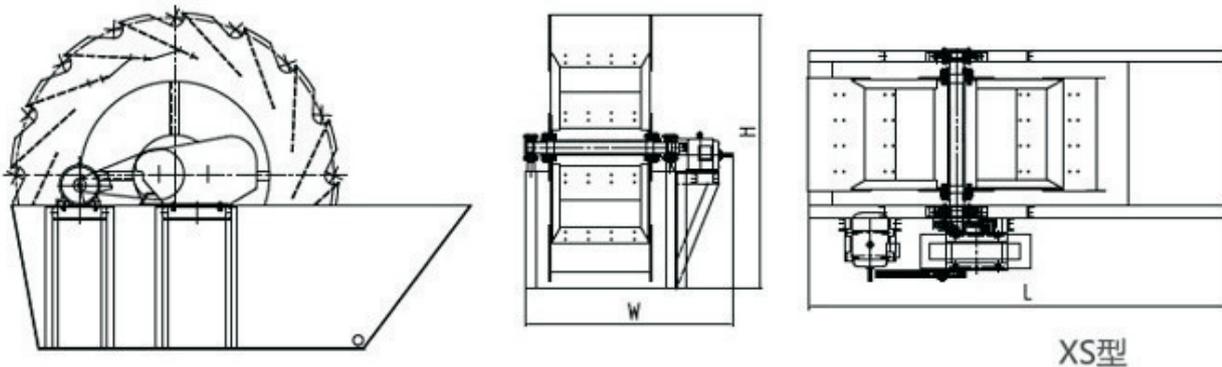


**Henan Hongxing Heavy Machinery Co., Ltd.**

## The Function and Advantages of Sand Washer:

Sand washer has high washing degree, reasonable structure and high output, and the driving part is separated from water and sand, so that its failure rate is far lower than the

commonly used sand washing machine and it is the best choice for the upgrading and updating of the domestic sand washing industry.



## The Performance Characteristics and Application of Sand Washer:

Sand washer has many outstanding features such as simple structure, stable operation, high washing degree and high output so that it

is widely used in many industrial departments such as building site, sand and stone plant, glass plant, power plant and concrete sand making.

## Characteristics:

Processing capacity: 1-105t/h

Feeding size: 125-250mm

Feed opening: 150×250-300×1300mm

Applied material: barite, marble, talcum, calcite, dolomite, fluorite, kaoline, coal, gypsum.



## Features

Sand washer has many outstanding features such as simple structure, stable operation, high washing degree and high output so that it is widely

used in many industrial departments such as building site, sand and stone plant, glass plant, power plant and concrete sand making.

## Working principle :

When sand washer works, the power plant drives the impeller to slowly rotate after slowing down through the V-shaped belt, reducer and gear, and sand and stone materials go into the washing chute from the material cabin, and roll driven by the impeller and grind with each other to remove the impurities covering the surface of the sand and stone materials, and at the same time break the moisture layer coated on the sand particles for the purpose of dehydration. In the meantime, add water in it to form a strong water flow to timely wash away the impurities and foreign matters with small proportion and discharge them from the overflow port to complete the washing process.



## Technical data :

Specification	Xs2200	Xs2600	Xs2900	Xs3500
Wheel bucket diameter (mm)	2200	2600	2900	3500
Rotation Speed (r/min)	1-2	1-2	0.8-1.5	0.8-1.2
Processing capacity (t/h)	15-30	20-50	50-100	120-200
Motor power (kw)	4	5.5	7.5	11
Total weight (kg)	4300	5600	8100	9900
Dimensions (L×W×H) (mm)	3150×1910×2280	3520×2390×2690	3820×2640×3200	4420×2930×3800

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- **Pre-sale services: enthusiasm**

We provide you with the prophase plan, process flow design and manufacturer equipment according to your special demand.

- **Sale services: servant**

Send technicians to the jobsite for guiding the installation and adjustment, training operators and finishing the check and accept together with you.

- **After-sale services: faithfulness**

To establish long term friendship, we will regularly pay return visit to customers. Supplying technique, building design, instruction , installation