

# YIFAN

## XS Series Sand Washer



Leading crushing and screening equipment manufacturer in China

Zhengzhou YiFan Machinery Co.,Ltd(the share-holder is Shande Technology (Beijing) Co., Ltd) has its headquarter in Beijing. It is a famous manufacturer of crushing and screening equipment and provides series stone crusher and crushing equipment for customers.



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ZHENGZHOU YIFAN MACHINERY CO.,LTD

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XS Series Sand Washer is a bucketed sand washer. It can wash and separate the soil and foreign material in the sand. Its novel structure, adjustable overflow dam baffle and reliable arrangement can make sure the result of wash.

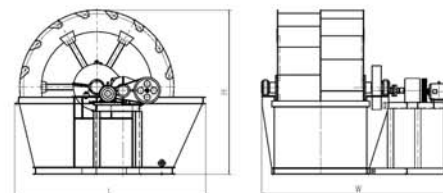
Sand washer is widely used in gravel pits, mining, building materials, transportation, chemical industry, hydro-dam construction, concrete mixing stations and other industries.

## Features and Benefits

1. Reasonable structure, the bearing device of impeller drive is separated from water and materials with water, to avoid in a large degree that the bearings are damaged by being soaked with water, sand or some polluted things.
2. There is little loss for medium-sized and fine sand and stone powder. The grade and the fineness of the sand for construction after being washed can be up to the national standards, such as "sand for construction" and "cobble and broken stones for construction" .
3. There are no other wearing parts except the screen mesh. It features long service life and few times for maintenance.
4. High processing capacity and low power consumption.
5. Long using lifetime and convenient maintenance.
6. Saving water resources.

## Technical Data

The electric motor runs slowly with the impellor after decelerated by the belt, decelerator and gears wheel. The sand and stone flow into washing launder from feeding launder, rolls with the impellor, and grinds each other. The impurity covering the sand is washing away. At the same time, add more water, the strong water flow will take away waste and some low-weight wastes from washing launder. Through the above process, the washing function is finished. The clean sand and stone is lift up by vane. When it goes up slowly, the water begins to drop through the mesh and fall back in the washing launder. On one hand, water is removed from the sand and stone; on the other hand, the water can be fully used. Finally, the sand and stone goes to the out launder from the rotary impellor to finish the washing task.



## Technical Data

Model	XS2600	XS2600II	XS2800	XS3200	XS3600
Diameter of The Wheel ( mm )	2600	2600	2800	3200	3600
Rotation Rater(r/min)	2.5	2.5	1.2	1	1
Maximum Feeding Size(mm)	≤10	≤10	≤10	≤10	≤10
Processing Capacity ( t/h )	20-50	30-70	50-100	80-120	120-180
Motor Power(kw)	5.5	5.5	7.5	11	15
Overall Dimensions(mm)	3515×2070×2672	3515×2270×2672	3900×3300×2990	3965×4440×3410	4355×4505×3810
Weight ( kg )	2500	2900	3980	7270	9430



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