

# SAND WASHING MACHINE

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# Sand Washing Machine Application

Sand washer is used to remove the dust in sand. It aims at improving the quality of sand. The materials include the required gravel in building-site, gravel factories, hydropower station and concrete dam site, post and electric pole factory, casting-70 sand, glass factory's quartz sand and refilling pressure sand.

It is widely used for cleaning materials in the following industries: quarry, minerals, building materials, transportation, chemical industry, water conservancy and hydropower, cement mixture station and so on.

## Sand Washing Machine Principle

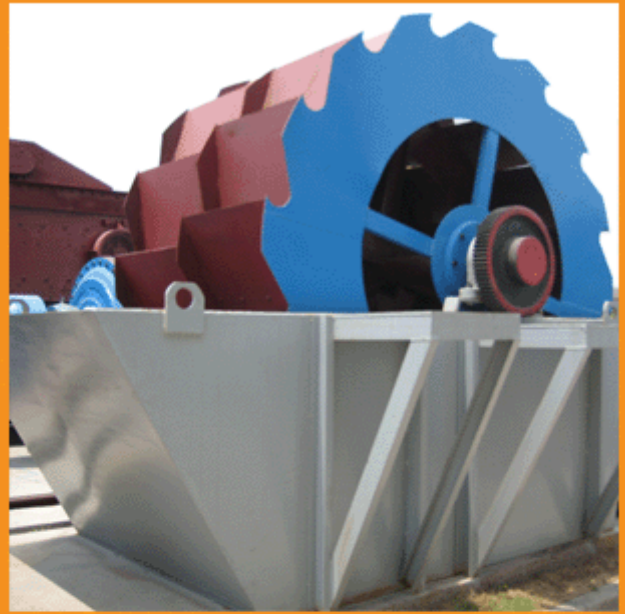
Sand washing machinery drives the impeller in the water groove to move like a circle transmitted by electric motor and decelerator, and then mixes, overturns, cleans and discharges the sand or slag pellets in the water groove.

### Features and Benefits:

- Simple structure
- Water saving
- No pollution
- Easy to maintain

### Durability:

1. It is of simple 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. When it is used for cleaning sand in quarries, it has many advantages compared with the traditional spiral one.
3. 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".
4. There are no other wearing parts except the screen mesh.
5. It features long service life and few times for maintenance.





The efficient sand washing machine of XSD series is a kind of cleaning equipment of international advanced level for sand and slag pellets, developed on the basis of introducing foreign outstanding technology of the same kind of products.

## Sand Washing Machine Specification

Models	XSD2610	XSD3016	XSD3620
Diameter of Impeller (mm)	2600	3000	3600
Feed Size (mm)	≤10	≤10	≤10
Capacity (t/h)	50	80	150
Power (KW)	7.5	15	18.5
Weight (t)	2.68	3.26	4.3
Overall Dimensions (L×W×H)	3320×2125×2670	3810x2686x3085	4500x3206x3480

**Note:** This specification is just for reference, any changes are subject to the products.