



**MINING AND
CONSTRUCTION**

**XSD Series Wheel
Sand Washing Machine**

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



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

Features:

1. 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. Being used for cleaning sand in quarries, it has many advantages compared with traditional spiral sand washing machine:

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.

There are no other wear parts except the screen mesh.

It has longer service life and lower maintenance frequency

Sand Washing Machine Technical Data:

Model	XSD2610	XSD2816	XSD3016	XSD3620
Spec. of Impeller(mm)	φ2600×1000	φ2800×1600	φ3000×1600	φ3600×2000
Impeller Speed(r/min)	1.178	1.177	1.179	1.179
Capacity(t/h)	20-50	30-60	50-120	60-150
Input Size(mm)	≤10	≤10	≤10	≤10
Motor Power(kw)	7.5	11	15	18.5
Decelerator Model	ZQ50-50-I-Z	ZQ65-50-I-Z	ZQ65-50-I-Z	ZQ65-50-I-Z
Overall Dimension(mm) (L×W×H)	3255x1982x2690	3540x3000x2880	3845x3000x3080	4500x3206x3480