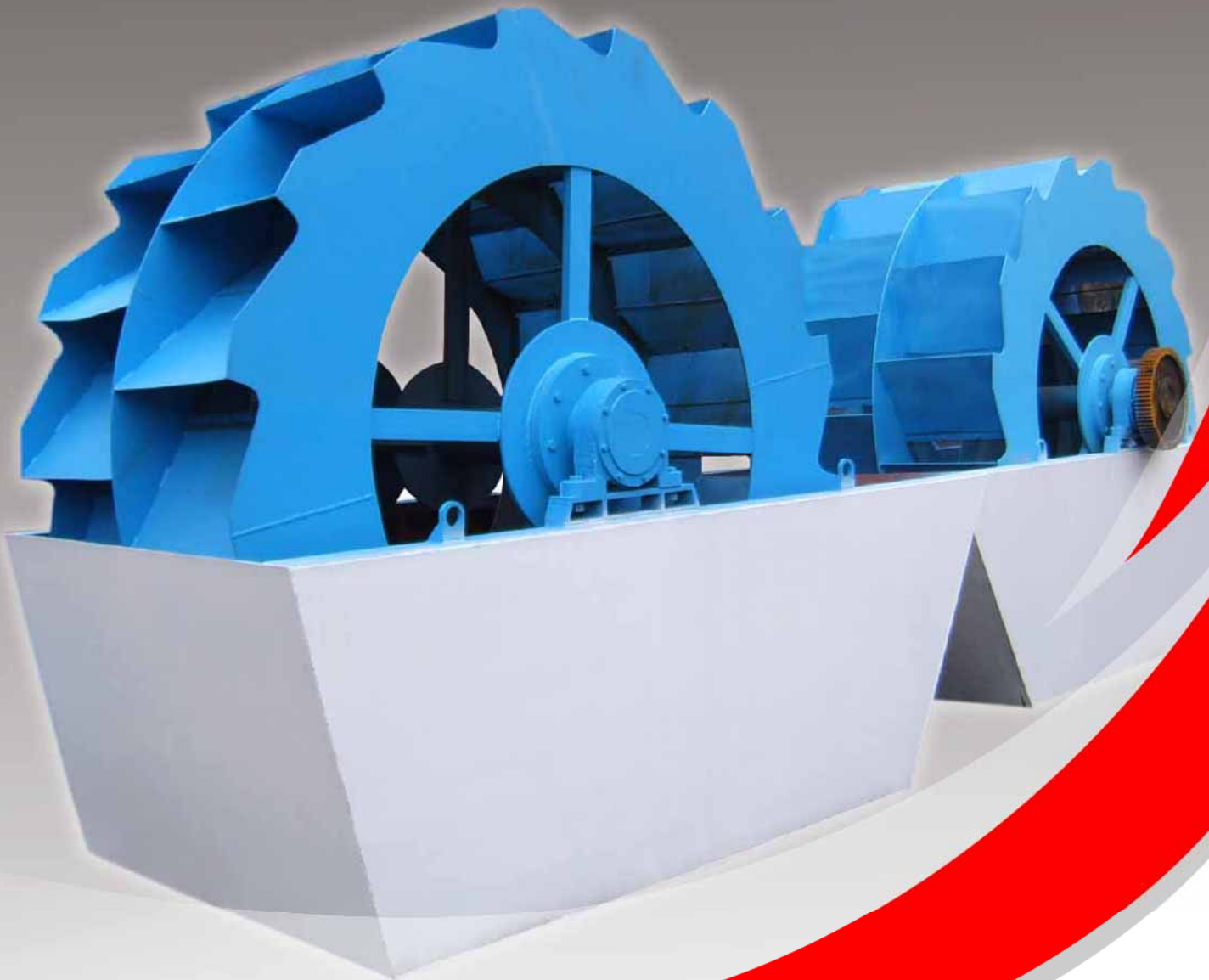


Sand Washing Machine



This product series are optimized to design for washing, grading and dehydrating of sandstone, arenaceous quartz, with the novel pressurize structure, debugging overfall notch plate, guarantee high efficiency, longer life, are used to sandstone factory, construction, site, hydroelectric station dam, glass manufacturing, oil well developing, and etc.



■ Application

It 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.



■ Operating principle

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.





- 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.
- When it is used for cleaning sand in quarries, it has many advantages compared with the traditional spiral one.
- 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 wearing parts except the screen mesh.
- It features of long service life and few times for maintenance.

- Take good care of surface of precise part when knocking down it.
- When you knock down a part whose surface is easy to be rusted and plan to make it stay out for several hours, do paint oil on the surface, or spray antirust.
- When knocking down parts with supporting surface or processing surface, lay boards on the ground to prevent surface of the parts contact the ground directly.
- Clean and oil the dismantled parts before installing it again.
- When assemble and unassemble parts, underlay pads or sheet copper and not allow to shock parts directly by hammer. Pay special attention to casted parts when knocking them, in order not to bring hurts and cracks. In many cases cracks can only emerge after parts be heated when running.





Model	Wheel Size (mm)	Max feed size (mm)	Power (kw)	Weight (t)	Capacity (t/h)	Overall dimension (mm)
XSD2610	Φ2600×1000	10	5.5	2.7	20-50	3255×1982×2690
XSD2816	Φ2800×1600	10	11	5.5	30-60	3540×3000×2880
XSD3016	Φ3000×1600	10	15	5.8	50-100	3845×3000×3080

Notice: Any change of Sand Washing Machine technical data shall not be advised additionally.



Screening & Washing

Sand Washing Machine
Circular Vibrating Screen

Feeding & Conveying

Belt Conveyor
Vibrating Feeder

Crushing

Jaw Crusher
Impact Crusher
Hammer Crusher
Spring Cone Crusher
Hydraulic Cone Crusher
VSI Sand Making Machine
PCL Sand Making Machine
European Type Jaw Crusher
PYS Symons Cone Crusher
Mobile Crushing & Screening Plant

Grinding Plant

Ball Mill
Raymond Mill
High Pressure Suspension Mill
MSB series Coarse Powder Mill
Super Pressure Trapezium Grinding Mill
HGM Three-Rings & Medium-Speed MicroPowder Mill

New Production Technics

Grinding Production Line
Sand Making & Washing Plants
Stone Crushing & Screening Plants
Manufactured Sand Processing Chart
Construction Waste Crushing Technics
Basalt Aggregate for Express Highway Processing Technics

Pious / Elaborate / Rigorous / Harmonious

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