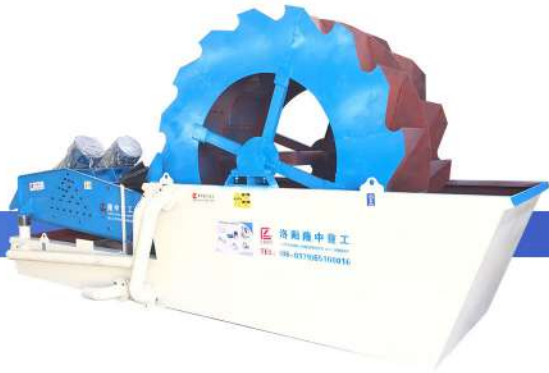


XS sand washing & dewatering machine





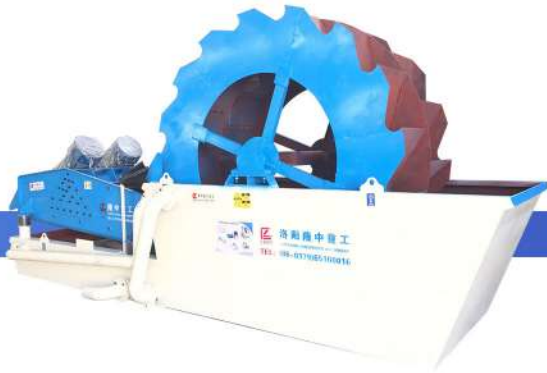
XS sand washing & dewatering machine

Luoyang Longzhong Heavy Machinery Co., Ltd is a high technology enterprise in Luoyang city, which is a professionally corporate enterprise that engaged in mine crushing machinery and , industrial grinding mill researching, development and manufacturing. The company is located in beautiful Luoyang, in the middle of China, which covers more than 50000 square meters with modern and professional technical team, equipped with advanced CAD computer aided design system and computer simulation test system. All of these good facilities keep our products in high quality.

Our main products are Crusher, Sand making machine (Vertical Shaft Impact Crusher), Vibrating Screen, Vibrating Feeder, Sand Washing Machine, Sand Recycling Machine, Belt conveyor, industrial mills etc. What' s more, the Sand Recycling Machine has been awarded the reputation of Luoyang high-tech achievements transformation project. We have become the main production and export base of Sand making and grinding mill machine.

No matter which kind of sand washer used in sand processing plant, the final sand always contains a large amount of water. But dry sand is needed by most of customers. In order to solve this problem, our company researched and developed XS sand washing & dewatering machine successfully, which combined washing with dewatering functions. It perfectly solved the above problem.





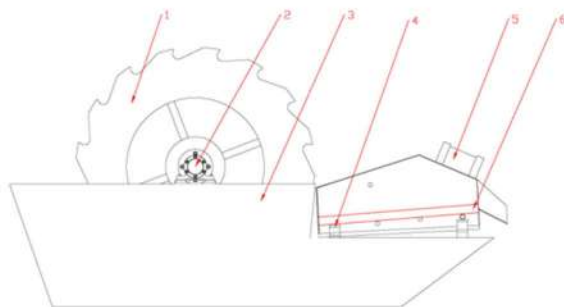
XS sand washing & dewatering machine

● Features:

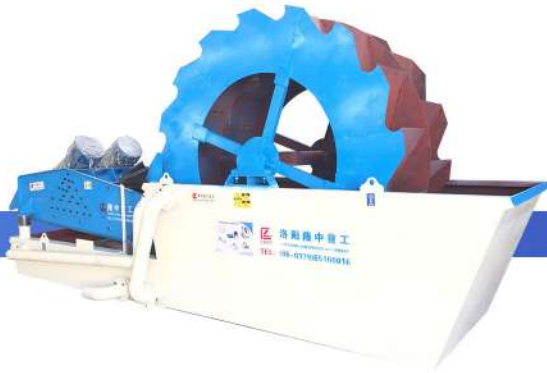
1. Multiple function: washing, screening and dewatering.
2. The water content of final sand is within 12%-15%.
3. Good efficiency, high productivity.
4. Economical and utility in sand processing plant.

● Working conditions:

The work style of this series of sand washer is rotary and movable. Its working principle is: belt pulley and belt are driven by motor and which drives sand washer wheel work through deceleration. The sand washer wheel and deceleration are connected by junction box, which drive sand washer wheels circumrotating. There are many sand- storage web grooves in grille form. When sand washing wheel circumstance clock wisely, sand can be put out by storage web groove after being cleared. Waste water outflows through web groove' s holes. Meanwhile the washed sand will be fed into PU screen directly for dehydrating. In the process of sand washer' s running, sand is discharged through the feeding groove. Sand washer can circumrotate and discharge sand periodically by motor' s continuously running, which can realize the batch production. It works the same as XSD sand washing machine. After vibrating and dehydrating on the PU screen, dry sand is the final product.



- 1.bucket (single, double or triple)
- 2.LYC bearing
- 3.water tank
- 4.rubber spring
- 5.motor
- 6.PU screen (thickness 45mm)



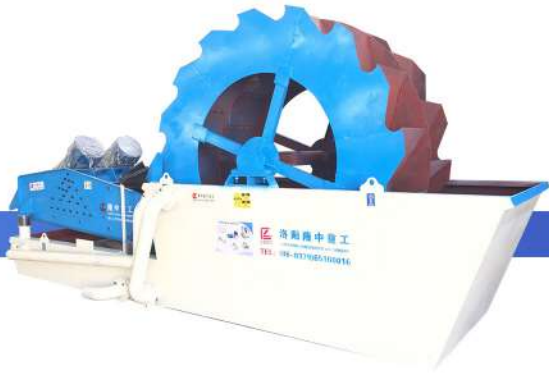
XS sand washing & dewatering machine

● Installation and debugging:

1. Motor should be installed in the shelter place to protect equipment from electric leakage .
2. Sand washer should be installed on the back of vibrating screen. The rotary direction must be consistent with the specification.
3. Make sure every connective bolt has been fastened before commissioning.
4. Make sure every movable part have been lubricated well before commissioning .
5. Rotating belt by manpower before commissioning to make sure the machine can work normally without barriers. and then user can carry on blank test. Make sure phenomenons such as striking, pulley swinging and bearing doesn' t occur within two hours and the bearing temperature rise cannot exceed 35 centigrade. If the above trouble occurs, please stop operating immediately and check it.
6. The machine should be installed on the reinforced concrete. Users can build a concrete sedimentation basin beside the machine to deal with the waste water. The waste water can be reused after precipitation. These techniques not only meet the environmental requirement but also reduce the sand' s cost cost of sand.
7. Because the working place and conductor materials are contacted with water, so users must guarantee the lead is insulated.

● Technical parameter:

Model	Power (kw)	Feed size (mm)	Production (m ³ /h)	Weight (t)	Overall Dimension (L*W*H)(mm)
XS1026	9.9	≤10	30-50	5.18	6022*2150*2730
XS1630	17	≤10	50-120	7.3	7200*2900*3070
XS2036	23	≤10	120-180	9.45	7200*3000*3600



XS sand washing & dewatering machine

● Notice :

Preparation

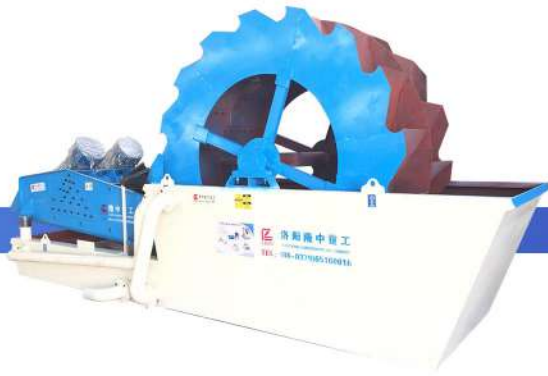
1. Check carefully whether the lubrication condition of bearing is good.
2. Check carefully whether all the fixed parts are completely tight.
3. Check whether decelerator' s lubricants meet lubricant and environmental requirement and change the lubricant in time.
4. Check whether the belt is good. Clean up oil stain on the belt or belt pulley.

Maintenance

1. This machine can be used for sand washing after normal operating on non-load condition.
2. Materials should be fed uniformly in order to prevent overfull materials resulting in bad effect of washing.
3. Stop feeding materials and make sand washer continually work for 5~10 minutes before turning off machine. Stop machine after all the materials have been discharged.
4. Clear up the waste water and precipitation in the sand washer, otherwise it would affect washing and increase load of the equipment.
5. Change screen web in time when it is worn-out.

● Safety regulation:

1. The operator needs safety technical training.
2. Forbid getting close to the machine when operating.
3. Forbid any adjustment, clearing and checking when operating.
4. Forbid clearing up the precipitation and dust in the equipment when operating.
5. The electric equipment should be grounded and wire should be installed in the insulated pip.



XS sand washing & dewatering machine

● Part of the case:



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