

Bucket sand washer



YC bucket sand washer machine adopts the technology in the world with high energy sowing. It has such features and reasonable structure, large capacity, high washing degree, less loss of medium and fine sand, less breakdown and less wear with driving part separated from water and sand. Its breakdown rate is much lower than spiral sand washer. This machine has become customers priority to choose in the a sand industry domestic and abroad.

During the operation of sand and gravel washer, the motor drives the slow rotation of the impeller after the v-belt, speed reducer and gears reduce their running speed. The sand enters from the feeding trough to the washing trough and turns over when driven by the impeller. The sand grinds each other and removes the impurities covering their surfaces. Besides, it destroys the water vapor layer cladding the sand to make it easier for dewatering. Then when water is added, strong current is formed to duly take away impurities and light foreign matters which are discharged out from the

washing trough at the overflow outlet. So far the washing is finished Clean sand is taken away by the impeller and poured into the discharge trough from the turning impellers to finish its washing.

Application:

bucket wheel sand washer is widely used in sand field, mining, building materials, transportation, chemical industry, water conservancy and hydroelectric power, concrete mixing station in the choice of materials.

Advantages and characteristics:

1. The sand washing machine has simple structure, the impeller rotating bearing assembly from the water and the water material, greatly avoid the bearing damage phenomenon caused by flooding, sand and pollutants.

2 the machine with washing sand and gravel field compared with traditional spiral sand washing machine has obvious advantages as follows:

< 1 > fine sand and stone powder in the erosion is very few, the wash building sand grading and fineness modulus of building sand, is to meet the standard for building pebbles, gravel.

< 2 > the machine almost no wearing parts in addition to the screen.

< 3 > service life is long, for a long time without maintenance.

Model	Specification (mm)	Feeding size (mm)	Capacity (T/H)	Motor	Power (KW)	Weight (T)	Dimensions
YC2610	∅2600*1000	≤10	20-50	Y160L-8	7.5	2.68	3321*2312*2683
YC2816	∅2800*1600	≤10	30-70	Y180L-8	15	5.3	3810*2820*2883
YC3016	∅3000*1600	≤10	50-100	Y200L-8	15	6.5	3830*2972*3200
YC3620	∅3600*2000	≤10	80-150	Y255S-8	18.5	9.8	4456*3479*3688



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Sand washing equipment