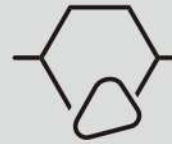


www.fong-chuan.com

SAND WASHING MACHINE



FONG CHUAN
MACHINERY

**SINCE
1982'**

**COMPLETE STONE
CRUSHER PLANT
EQUIPMENT
AS WELL AS WASTE
RECYCLING EQUIPMENT.**



Supply



Crushing



Screening

Classification

Application

- ➔ Construction, building materials industry
- ➔ Mining, gravel industry
- ➔ Rock quarries, bark dust, topsoil manufacturers
- ➔ Resource Recycling, waste disposal treatment industry

COMPANY PROFILE



The service range of Fong Chuan Machinery Co., Ltd covers technical advisory, planning, design, manufacture, installation, maintenance, after-sale service and personnel training of complete stone crusher plant equipment as well as waste recycling equipment. For decades, the manufacture of our product takes a focus on engineering quality and production efficiency, and aims to bring more elaborate, ease as well as a lower consumption rate in the use and maintenance of the product. With a good will to help customers to reduce cost and promote productivity, the professional team of our company is well ready to provide specific solutions concerning crushing and screening on different application through an optimized design as well as manufacture/ production process.

COMPONENTS

Vibrating dewatering screen

The vibrating dewatering screen extends in an upward slant and vibrates periodically under the drive of a motor. On the vibrating dewatering screen the sand moves steadily while the water is filtered.



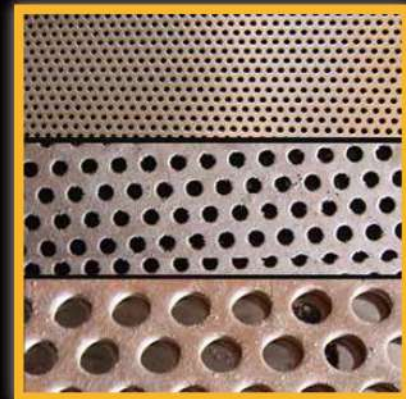
U-shaped groove on the wheel-side

The U-shaped grooves on the wheel-side are designed under the guide of physical principles. It can accelerate the draining speed of water while retaining the clean sand and thus enhance the output of the classification.



Impeller sieve

With a careful calculation in the mesh of the impeller sieve, excessive water can be filtered and the washing quality and the screening productivity are improved. The impeller sieve is of a replaceable type so that sieves with different mesh can be changed to meet the specific requirement on product.



Grinding wheel structure

The grinding wheel support is made as one-piece and its load is calculated with high precision. During the washing, it can bear the immense load formed by sand, gravel and water, and ensure the operation fares smoothly.





SAND WASHING MACHINE

INTRODUCTION

The FongChuan Series Wheel Sand Washing Machines are available in customized designs: The grinding wheel support takes a one-piece design to ensure an enduring use; the mesh of the impeller sieve is carefully calculated so that high-quality sand can be produced in large quantities steadily; and the wheel-side is specially designed to facilitate a faster sand-washing and water-draining and further a high productivity.

The grinding wheel support is made as one-piece and its load is calculated with high precision. During the washing, it can bear the immense load formed by sand, gravel and water, and ensure the operation fares smoothly.

Functions of the Fong-Chuan Sand Washing Machine

- Washing and cleaning sand;
- Produce sand with an even particle size efficiently;

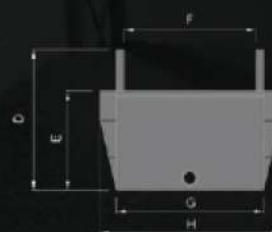
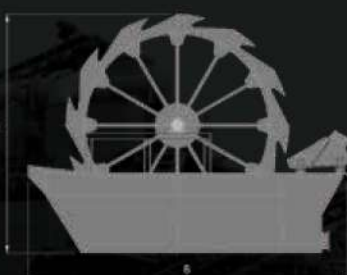
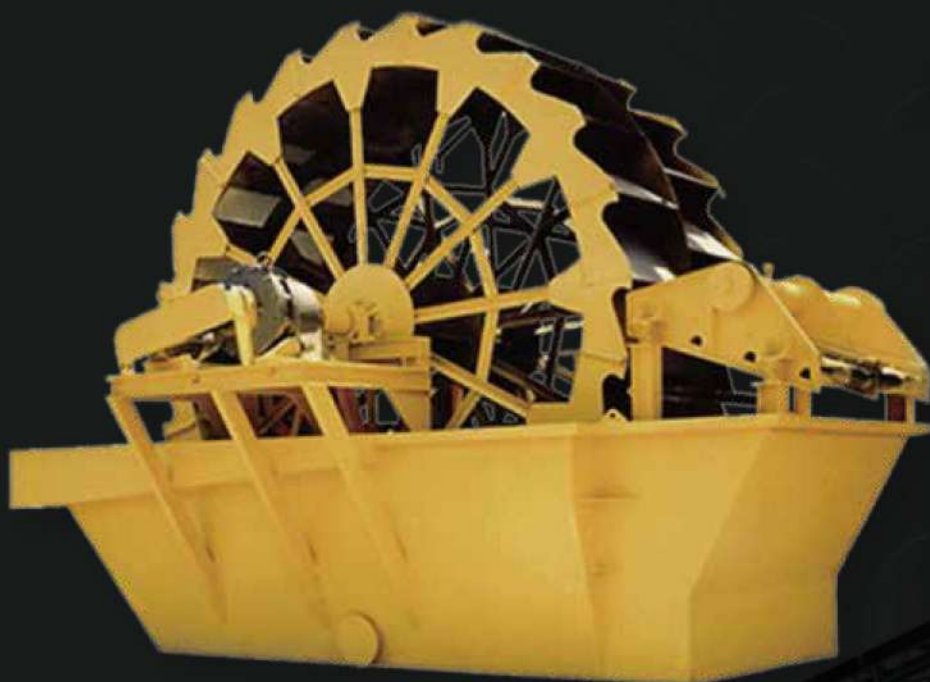
Benefits of the Fong-Chuan Sand Washing Machine

- High-quality product with an even particle size (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 gravel for construction);
- Upward inclining water sieve improves the screening quality;
- Excellent productivity with low energy consumption;
- The impeller sieve is convenient to replace;
- Low cost for maintenance, there are no other wear parts except the screen mesh;
- Easy to operate, no staff is needed to be charged with the supervisory duty;

FULL FIGURE



Screening



OVERALL DIMENSIONS

Model	Dimensions A(mm)	Dimensions B(mm)	Dimensions C(mm)	Dimensions D(mm)	Dimensions E(mm)	Dimensions F(mm)	Dimensions G(mm)	Dimensions H(mm)
FCSC-3212	3360	6100	3200	1800	900	1200	1700	2800
FCSC-4015	4360	6900	4000	2200	1300	1500	2000	3400
FCSC-4020	4360	6900	4000	2200	1300	2000	2000	4600
FCSC-5020	5360	7900	5000	2700	1800	2000	2800	4600
FCSC-6020	6360	8800	6000	3200	2300	2000	2800	4600
FCSC-8020	8200	10500	8000	3950	3000	2000	2800	4600

Note: Technical data may change due the technical progress.
Specifications and dimensions are subject to modification without notice.

SPECIFICATIONS

Model	Screen Size(mm)	Screen Mesh(mm)	Capacity(T/ H)	Motor Power(HP)	Rotating Speed(R. P.M.)	Weight(KG)	Dimensions H(mm)
FCSC-3212	300x1190	3-7	140	10	2-4	10000	2800
FCSC-4015	400x1490	3-7	200	15	2-4	12000	3400
FCSC-4020	400x990	3-7	220	15	2-4	12000	4600
FCSC-5020	400x990	3-7	230	20	1-2.5	18000	4600
FCSC-6020	400x990	3-7	250	30	1-2.5	18000	4600
FCSC-8020	500x990	3-7	300	30	1-2.5	25000	4600

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