

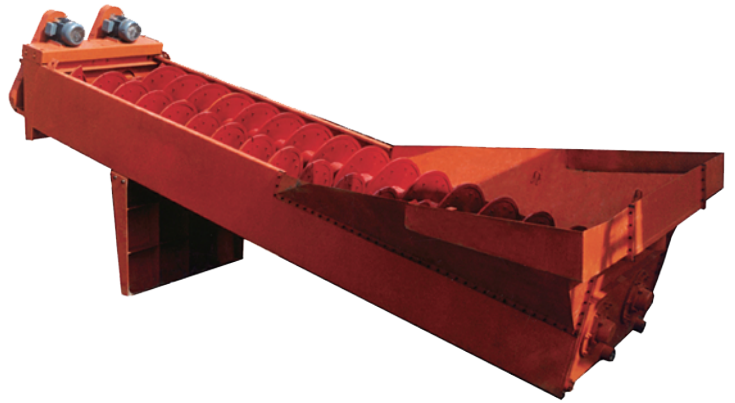


山美

## SAND WASHER



Wheel Sand Washer



Spiral Sand Washer

### Features and Benefits:

- 1.Simple structure, convenient to repair.
- 2.High processing capacity and low power consumption.
- 3.Low wear-parts consumption, low cost.

### Wheel Sand Washer

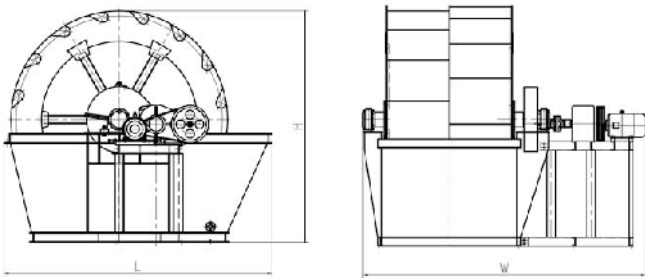
XS Series Sand Washer is a bucketed sand washer, mainly used to washing and drying building material and can wash and separate the stone powder and soil in the sand. Its novel sealed structure and reliable gearing ensure the washing and dewatering effects. It is a high-efficient equipment for sand washing coordinated with sand maker and is widely used in construction plant, gravel factory, hydropower station, concrete dam sites and other industries.

XS Series Sand Washer has the characteristics of high cleaning degree, reasonable structure, high output, lower power consumption and fewer sand lost in washing process. The transmission parts of sand washer are isolated from water and sand, which makes the fault rate much lower than that of the sand washer in common use at present.It

#### Working Principle:

At working time, the electric motor drives the impeller run slowly through the v-belt, decelerator and gear wheel. The gravel flows into washing launder from the feeding launder, rolls with the impeller and grinds each other to rid impurities and destroy water vapour layers cladding on the gravel. Meanwhile, add more water, and the strong water flow will take away impurities and some low-weight wastes from the washing launder to the overfall washing launder. Through the above process, the washing function is finished. Clean sand and stone will be taken away by vanes and poured into the discharging launder from the revolving impeller to finish the washing function.

#### Dimensions

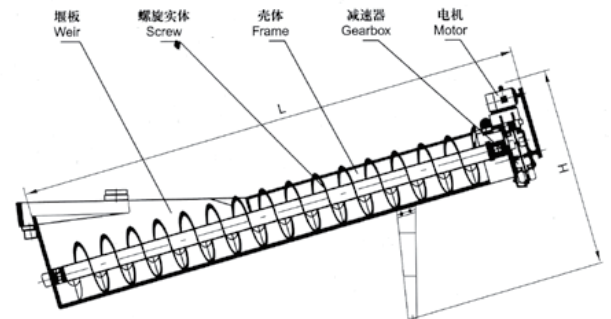
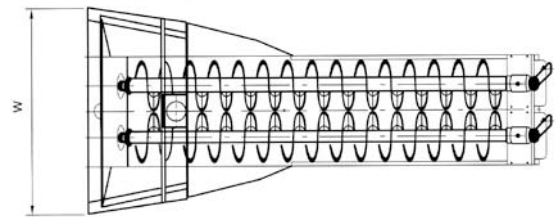


#### Technical Data

型号	Model	XS2600	XS2600 II	XS2800	XS3200	XS3600
轮斗直径	Diameter of The Wheel Buckets(mm)	2600	2600	2800	3200	3600
转速	Rotation Speed(r/min)	2.5	2.5	1.2	1	1
最大入料粒度	Maximum Feeding Size(mm)	≤10	≤10	≤10	≤10	≤10
处理能力	Processing Capacity(t/h)	20-90	30-70	50-100	80-120	100-180
电动机率	Motor Power(kw)	6.5	6.5	7.5	11	15
外形尺寸	Overall Dimensions(mm)	3815×2270×2592	3615×2270×2872	3220×3350×2299	2680×4210×3173	4385×4815×3810
重量	Weight(kg)	2500	2900	3980	7270	9430

### Spiral Sand Washer

XL series Spiral Sand Washer can wash and separate the soil and foreign material in the sand.Spiral Sand Washer's novel structure, adjustable overflow dam baffle and reliable arrangement can make sure the result of wash.



Spiral Sand Washer is widely used to washing, classifying, ridding impurities and choosing the coarse from the fine in the industries of highway, hydropower, construction and so on. It is better to wash construction and road sandstone.

#### Characteristics and Advantages:

XL series Spiral Sand Washer has the characteristics of reasonable structure, convenient maintenance, high output, low power consumption and high degree of cleanness. Its novel sealed structure, totally-enclosed oil-bath transmission system and adjustable overflow slice ensure the characteristics of high efficiency, durability, cleanness, good dehydrating effect and reliable product size.

#### Technical Data

型号	Model	XL508	XL810	XL782	XL815	2XL815	XL1115	2XL1115
螺旋直径	Screw Diameter(mm)	508	610	782	815	815	1115	1115
螺体长度	Length of L(mm)	6705	7225	7620	7565	7565	9782	9782
最大进料	Max Feed Size(mm)	≤10	≤10	≤10	≤10	≤10	≤10	≤10
生产能力	Capacity(t/h)	20	40-50	50-75	100	200	175	350
螺旋转速	Speed of Screw(r/min)	38	32	26	21	21	17	17
电动机率	Motor Power(kw)	5.5	7.5	11	11	2×11	15	2×15
耗水量	Water Consumption(t/h)	6-60	6-63	9-63	10-60	20-60	20-150	40-300
外形尺寸	Overall Dimension(L×W×H)(mm)	6030×2545×1430	6000×2650×1400	5515×2650×3082	5500×2910×3800	8420×3715×3680	10870×3245×4720	10270×3250×4720
重量	Weight(t)	2.67	3.80	5.23	6.27	11.11	10.18	17.94

Note: The capacity in the chart is the total weight in open-cycle production when the material density is 1.6×103kg/m3 and is relevant to the physical property, feeding method, feeding size and component of the material.

**Application:**

The Sand Washer is widely used in gravel plant, mine, building material, transportation, chemical industry, hydropower station, concrete mixing plant and so on for washing and screening materials.

**Performance Features:**

- 1.Reasonable structure. The impeller drive bearing is isolated from water and materials buried in washer, which greatly avoid the bearing damaged because of soaking in water,sand and other pollutants;
- 2.Extremely rare lost of medium and fine sand, the grading and fineness module of washed building sand have achieved two national standards" sand for building" and" cobble and gravel for building"
- 3.Almost no wear parts except for the sieve mesh of sand washer;
- 4.High output and low power consumption;
- 5.Longer service life and convenient maintenance;
- 6.Save water resource;
- 7.No pollution and high cleaning degree.





SHANGHAI SANME MINING MACHINERY CO.,LTD (GERMANY HAZEMAG JV COMPANY)

Head Office

Tel: +86 21 58202968 +86 21 58206909

Fax: +86 21 58200089

Email: sales@sanmecrusher.com

Address: No.899 Dongfang Road,Pudong New District 200122,Shanghai,China