

# 螺旋洗砂机

## Spiral sand washing machine

螺旋洗砂机是配合制砂机使用的一种高效洗砂设备，常用于人工砂亦或天然沙的洗选、分级、除杂等作业，可有效清洗分离砂石中的石粉泥土，尤其适用于建筑用砂、筑路用砂等物料的洗选、分级，是目前洗砂行业升级换代的理想选择。

The spiral sand washing machine is a kind of high-efficiency sand washing equipment used in conjunction with the sand making machine. It is often used for washing, grading, and impurity removal of artificial sand or natural sand, It can effectively clean and separate the stone powder and soil in the sand and gravel, especially suitable for washing and grading of construction sand, road construction sand and other material, It is an ideal choice for upgrading the current sand washing industry.



### 产品优势

#### >> Product Advantages

##### 清洗效果好

外置密封结构、全封闭油浴式传动装置，加上巧妙设计的螺旋叶片，有效确保螺旋洗砂机高品质的清洗操作，可满足高等级用料要求。

##### 洗砂效率高

长螺旋体+合理运用螺旋装置拌和料浆，机械化程度高，较轮斗洗砂机来说，处理量更大，且出砂含水量、含泥量低。

##### 分级精度高

专业设计的导料板和可调式长溢流堰板，配合经过优化的螺旋速度，微小粒径的物料也可冲洗，有效确保物料洗选分级精度。

##### 故障率较低

螺旋叶片采用抗压耐磨材料所制，且传动部分均与水、物料分开，故障率低，有效确保设备工作的连续性，降低使用成本。

### 产品参数

#### >> Product Parameters

| 规格型号<br>Specification model | 功率<br>Power<br>(kw) | 处理量<br>Capacity<br>(t/h) | 备注<br>Notes      |
|-----------------------------|---------------------|--------------------------|------------------|
| XL920-8m                    | 11                  | 40-60                    | ZQ400减速机 Reducer |
| 2XL920-8m                   | 2*11                | 90-120                   | ZQ400减速机 Reducer |
| XL1120-8m                   | 18.5                | 60-80                    | ZQ400减速机 Reducer |
| 2XL1120-8m                  | 2*18.5              | 180-260                  | ZQ400减速机 Reducer |
| XL1500-8m                   | 18.5                | 100-120                  | ZQ500减速机 Reducer |
| XL1500-9m                   | 22                  | 100-120                  | ZQ500减速机 Reducer |
| 2XL1500-8m                  | 2*22                | 240-300                  | ZQ500减速机 Reducer |

注：技术数据如有变更，恕不另行通知。 Any change of technical data shall not be advised additionally.

#### Good cleaning effect

External sealing structure, fully enclosed oil bath transmission device, plus ingeniously designed spiral blades can effectively ensure the high-quality cleaning operation of the spiral sand washing machine, which can meet the requirements of high-grade materials.

#### High sand washing efficiency

Long spiral body + reasonable use of screw device to mix the slurry, which make the high degree of mechanization, compared with the wheel bucket sand washing machine, the processing capacity is larger, and the water content and mud content of the sand are lower.

#### High classification accuracy

The professionally designed material guide plate and adjustable long overflow weir plate, combined with the optimized screw speed, can also wash materials with small particle sizes, which effectively ensure the classification accuracy of material washing and sorting.

#### low failure rate

The spiral blades are made of compressive and wear-resistant materials, and the transmission part is separated from water and materials, with a low failure rate, which effectively ensures the continuity of equipment work and reduces the cost of use.