

# XL砂石洗选机 XL screw sand washing machine

## 用途及适用范围：

XL砂石洗选机适用于高速公路、高速铁路、水电工程、市政工程等领域建设用砂石料的洗选、分级和除杂。

## 工作原理：

物料由給料箱均匀给入，连续给主槽体中注入一定量的水，传动部带动螺旋轴以一定的速度旋转，迫使物料在槽体中翻转滚动并向排料口运动，细粒级物料和杂质随溢流水经溢流堰排出，粗粒度物料由排料口排出，从而实现物料的洗选、分级、除杂和脱水。

## 性能特点：

1. 优化设计的排水沟槽，确保物料中的水份最大限度的脱除；
2. 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，确保物料洗选、分级的精度；
3. 新型的密封结构，最大限度的降低了设备的维修工作量和保养成本；
4. 螺旋叶片选用抗磨材料制造，确保设备工作的连续性和使用成本最低。

## Usage and Application

XL Series Sand Washing Machine is used for sand washing, separating, and cleaning in the construction of high speed road, high speed railway, hydroelectric project, public works and so on.

## Working Principle

Material is evenly fed in by hopper, certain amount of water is poured into the tank continuously, transmission part drives the screw shaft to rotate at certain speed to force the materials to roll in the groove and moves to the outlet. Fine materials and waste are discharged through downflow weir together with overflow, coarse materials are discharged through outlet, so as to wash, classify, decontaminate and dehydrate the materials.

## Feature

1. Optimization design of water groove, which can drain out the water to the hilt.
2. Professional designed stock guide, adjustable long overflow weir board and optimized spiral speed make washing and classification to be more accurate.
3. New leakproof structure can reduce the maintenance work and upkeep cost to the maximum content.
4. The helical blade is made of wear-resistant material, this can reduce the cost and make the machine have a longer service life.

## XL系列洗砂机主要技术参数 / Main Specifications Of XL screw sand washing machine

项目 Item 型号 Model	螺旋 直径 Spiral Diameter (mm)	螺旋 数量 Number of Spiral (pcs)	入 选 粒 度 Feeding Size (mm)	处 理 能 力 Capacity (t/h)	耗 水 量 Water Consumption (m <sup>3</sup> /h)	功 率 Motor Power (kw)	外 形 尺 寸 Overall Dimensions (mm)	重 量 Weight (t)
XL-762	762	1	<10	75	9-63	11	9070×2650×1530	5.20
2XL-762	762	2	<10	140	20-150	2×11	9070×3250×1530	7.45
XL-914	914	1	<10	100	10-80	15	9070×2650×1638	6.35
2XL-914	914	2	<10	200	60-300	2×15	9070×3510×1638	11.30
XL-1118	1118	1	<10	175	13-168	22	9070×2830×1900	12.70
2XL-1118	1118	2	<10	350	60-600	2×22	9070×3890×1900	16.50

注：技术数据如有变动，恕不另行通知。

Note: Any Change of technical data shall not be advised additionally.



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