

# DEWATERING SCREEN FINE SAND RECYCLING MACHINE TSS脱水筛/细砂回收机



## 设备简介

### Introduction

脱水振动筛采用双电机自同步技术，通用型偏心块、可调振幅振动器。主要由筛箱、激振器、支承系统及电机组成。通过胶带联轴分别驱动两个互不联系的振动器作同步反向运转，两组偏心质量产生的离心力沿振动方向的分力叠加，反向离心抵消，从而形成单一的沿振动方向的激振力，使筛箱作往复直线运动。

The dewatering vibrating screen adopts dual motor self-synchronization technology, universal eccentric block and adjustable amplitude vibrator. Mainly composed of screen box, vibration exciter, support system and motor. Two unconnected vibrators are driven by the tape coupling shaft to perform synchronous reverse operation. The centrifugal forces generated by the two sets of eccentric mass are superimposed along the component of the vibration direction, and reverse centrifugally canceled, thereby forming a single excitation along the vibration direction. Force to make the screen box reciprocating linear motion.

## 产品特点

### Features

1. 采用防水适频专用电机，双电机驱动自同步技术，实现快速脱水效果。
2. 投入小，流程简单，占地小等特点，便于系统工艺布置。
3. 连续干排作业，适合多种脱水需求，24小时连续干排作业。
4. 处理能力大，V型筛面设计，-5° 过筛面爬坡脱水，干排尾矿含水低、效率高。
5. 高耐磨筛板使用寿命长，模块化组装设计，更换方便，节约成本，筛孔尺寸可选择。
6. 结构强度高，耐用。无内应力、强度高、质轻耐用的机架主体。

1. It adopts waterproof and frequency-specific motor and double motor drive self-synchronization technology to achieve fast dewatering effect.
2. The investment is small, the process is simple, and the land occupation is small, which is convenient for system process layout.
3. Continuous dry row operation, suitable for a variety of dehydration needs, 24 hours continuous dry row operation.
4. Large processing capacity, V-shaped screen surface design, -5° screened slope dewatering, dry tailings with low water content and high efficiency.
5. High wear-resistant sieve plate has long service life, modular assembly design, convenient replacement, cost saving, and mesh size.
6. High structural strength and durability. Frame body without internal stress, high strength, light weight and durability.

## 产品参数

### Main Specification

型号 Type	筛面斜角 (°) Sieve angle	常用筛孔尺寸 (mm) Common mesh size	入料量 (t/h) Feed amount	动力源耗能 (kw) Power source energy consumption	激振器型号 Exciter model	参考重量 (t) Total weight
TSS1036	-5~-3	0.3~0.6	10~35	2 × 1.1	2 × YZO-20-4	3.8
TSS1236	-5~-3		18~65	2 × 2.4	2 × YZO-30-4	4.5
TSS1536	-5~-3		30~90	2 × 3.1	2 × YZO-40-6	5.7
TSS1838	-5~-3		40~120	2 × 5.5	4 × 39-6	6.6
TSS2138	-3~0		60~150	2 × 7.5	4 × 45-6	8.2
TSS2538	-3~0		80~200	2 × 11	4 × 64-6	11

注：规格型号如有变动，恕不另行通知。  
 Note: Specifications and models are subject to change without notice.