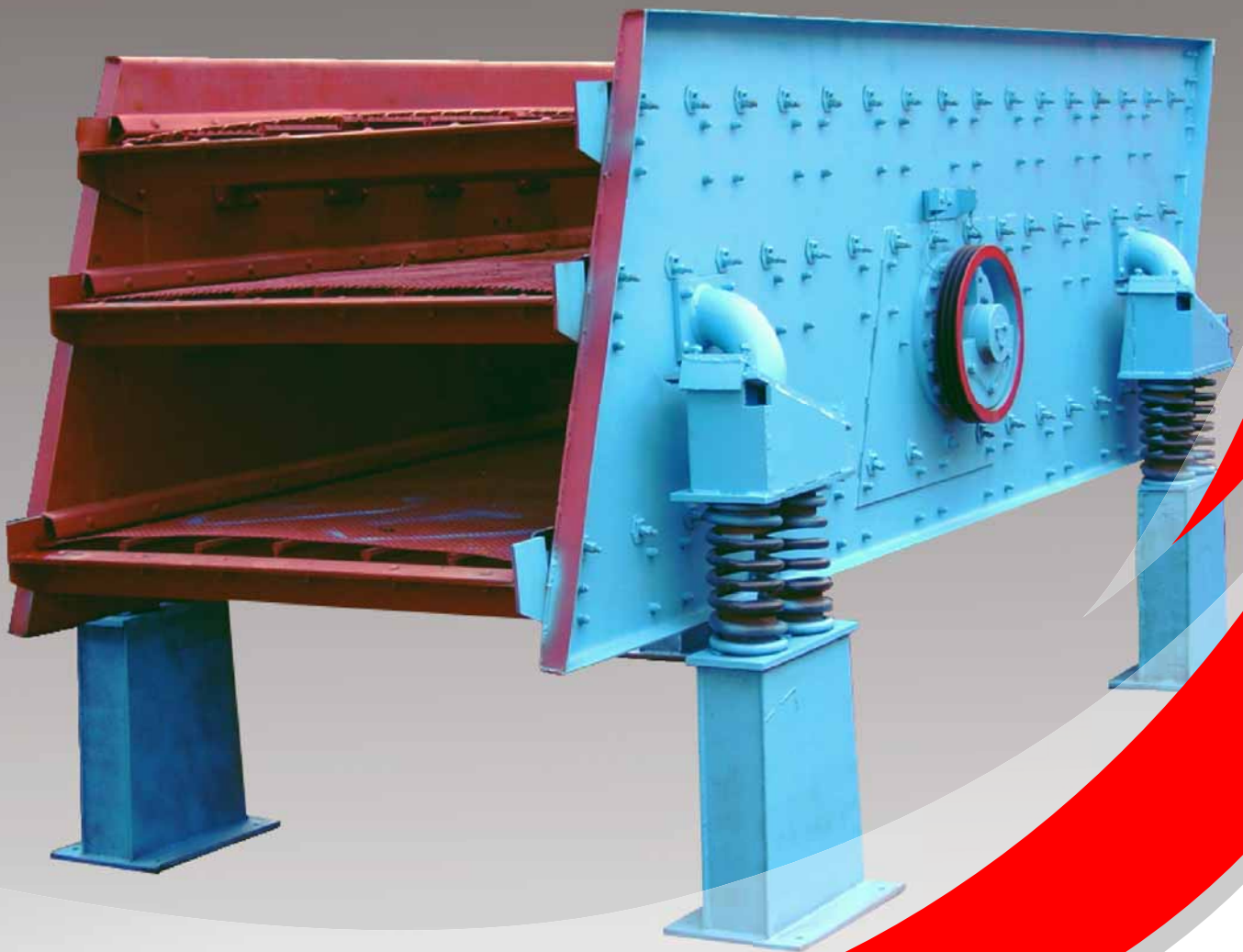


# vibrating screen



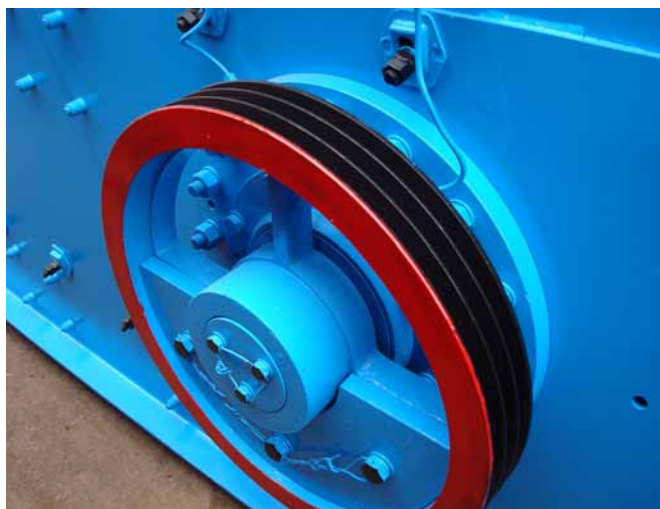
The series of product is vibrated by the circling motion, and the amplitude strength can be adjusted. The screening line of material is long. It provides the multi-screening, various models of screening cleaning, high screening efficiency, and suitable screening task of mining and sandstones industry.



## ■ Application

It is widely used for grading and screening materials in the following fields: minerals, quarry, building materials, water conservancy and hydropower, transportation, chemical industry, smelting and so on.





The electric motor can be installed on the left side or right side .In order to use easily, please specify when place order.

The screen mainly consists of screen box, supporting device, vibration exciter and transmission device. Barrel vibration exciter is fixed in the middle of the screen. The exciting force is changed through adjustment of the weight of eccentric block. In this way, it changes the amplitude. The bearing is lubricated with grease and sealed with maze.

## ■ Operating Principle

It adjusts the amplitude by tube-shaped violent vibration screen of eccentric shaft and eccentric blocks. The body moves like a circle, in order to make the materials screened.



## Features

- It uses eccentric block to produce strong exciting force.
- Crossbeam and the main body of the screen are connected with high strength screw bolts. So they have the features of simple structure and easy maintenance.
- It adopts tire coupling with capability of flexible connection and stable operation.
- It adopts the structure of small amplitude, high frequency, large obliquity to make the screen hold the capability of high efficiency, large handling capacity, long life span, low consumption, little noise.
- many screening specifications.
- firm and durable construction.

## ■ Technical Data



Model	Screen size (mm)	No. of Layer	Screen mesh (mm)	Max. feed size (mm)	Handling capacity (t/h)	Motor power (kw)	Vibrating frequency (r/min)	Double swing (mm)
2YZS1237	3700×1200	2	3-100	400	10-80	11	750-950	5-9
3YZS1237	3700×1200	3	3-100	400	10-80	11	750-950	5-9
2YZS1548	4800×1500	2	3-100	400	30-200	15	750-950	5-9
3YZS1548	4800×1500	3	3-100	400	30-200	15	750-950	5-9
2YZS1848	4800×1800	2	3-100	400	50-250	18.5	750-950	5-9
3YZS1848	4800×1800	3	3-100	400	50-250	18.5	750-950	5-9
4YZS1848	4800×1800	4	3-100	400	50-250	18.5	750-950	5-9
2YZS1860	6000×1800	2	3-100	400	65-586	22	750-950	5-9
3YZS1860	6000×1800	3	3-100	400	65-586	22	750-950	5-9
4YZS1860	6000×1800	4	3-100	400	65-586	30	750-950	5-9
2YZS2160	6000×2100	2	3-100	400	81-720	22	700-900	5-9
3YZS2160	6000×2100	3	3-100	400	81-720	30	700-900	5-9
4YZS2160	6000×2100	4	3-100	400	81-720	30	700-900	5-9
2YZS2460	6000×2400	2	3-150	400	100-810	30	700-900	5-9
3YZS2460	6000×2400	3	3-150	400	100-810	37	700-900	5-9
4YZS2460	6000×2400	4	3-150	400	100-810	37	700-900	5-9

Notice: Any change of Vibratory Screen (YZS Vibrating Screen) technical data shall not be advised additionally.



### Screening & Washing

Sand Washing Machine  
Circular Vibrating Screen

### Feeding & Conveying

Belt Conveyor  
Vibrating Feeder

### Crushing

Jaw Crusher  
Impact Crusher  
Hammer Crusher  
Spring Cone Crusher  
Hydraulic Cone Crusher  
VSI Sand Making Machine  
PCL Sand Making Machine  
European Type Jaw Crusher  
PYS Symons Cone Crusher  
Mobile Crushing & Screening Plant

### Grinding Plant

Ball Mill  
Raymond Mill  
High Pressure Suspension Mill  
MSB series Coarse Powder Mill  
Super Pressure Trapezium Grinding Mill  
HGM Three-Rings & Medium-Speed MicroPowder Mill

### New Production Technics

Grinding Production Line  
Sand Making & Washing Plants  
Stone Crushing & Screening Plants  
Manufactured Sand Processing Chart  
Construction Waste Crushing Technics  
Basalt Aggregate for Express Highway Processing Technics

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