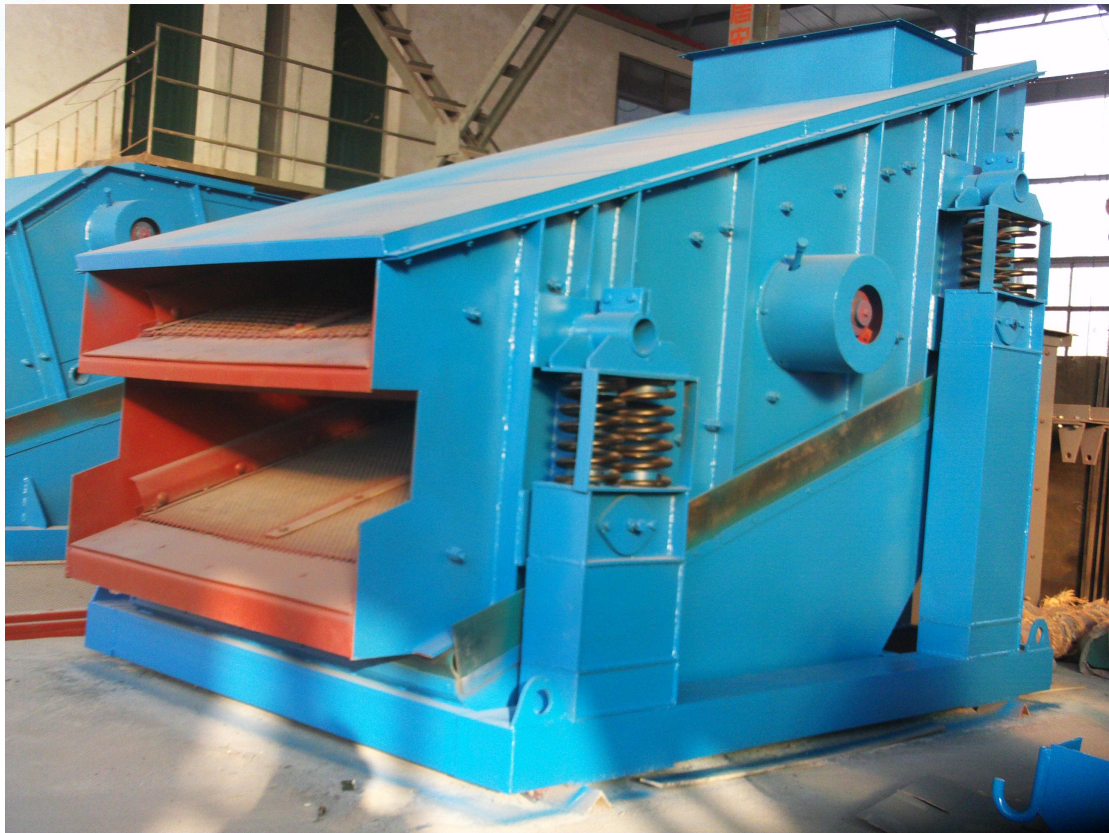


MEGA YOUNG SCREENING TECHNOLOGY CO., LTD



MEGA YOUNG

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YK SERIES CIRCULAR VIBRATING SCREEN

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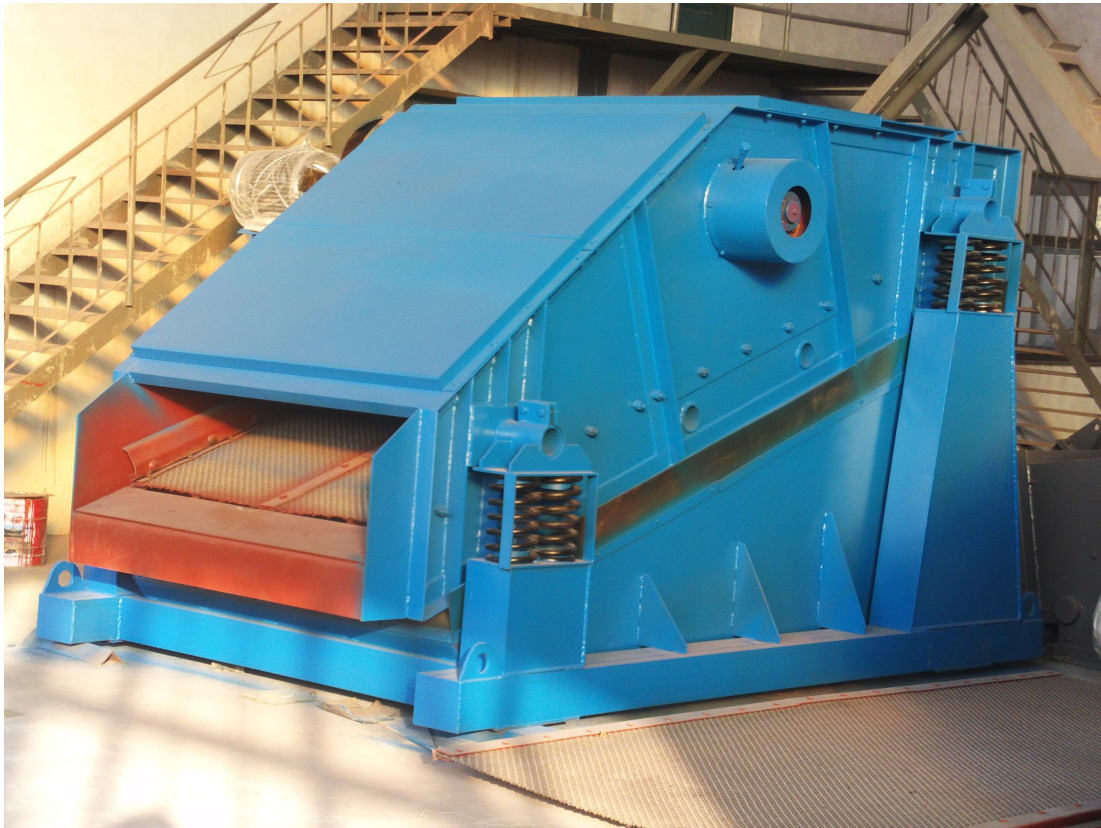
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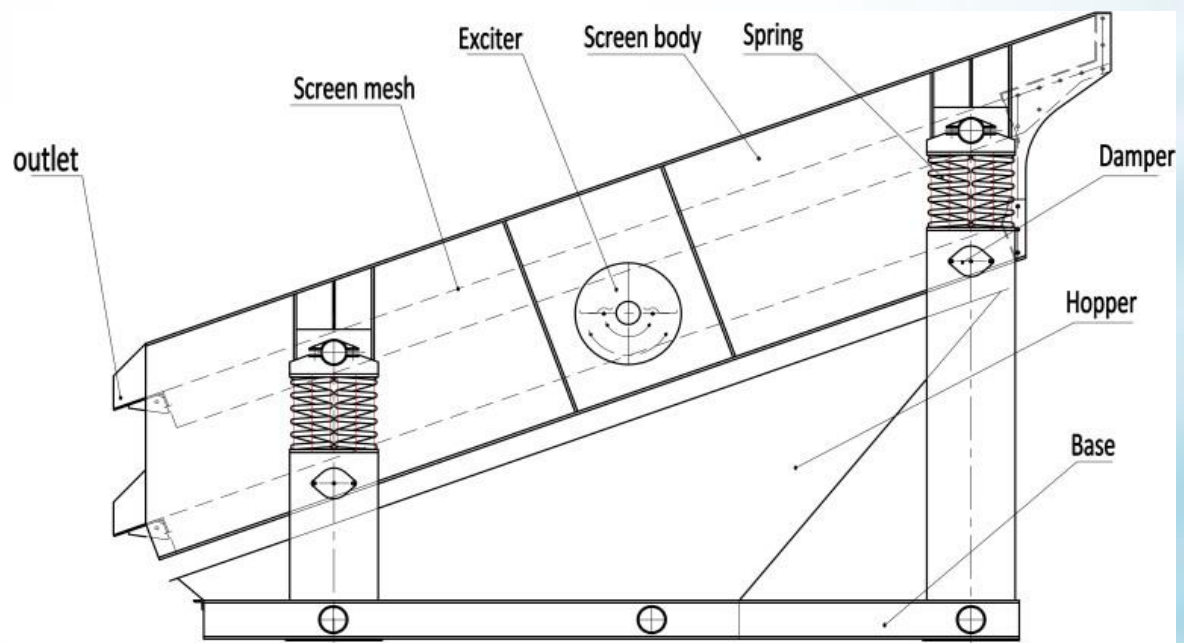
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INTRODUCTION

YK series circular vibrating sifter is a kind of new and highly effective vibrating screen that does circular vibrations and has multiple layers. Circular vibrating screen adopts cylinder postures eccentric block to produce strong exciting force. Its main body is connected by high strength screw bolts. A circular, elliptical vibration motion is created in order to sieve the materials efficiently. It is composed of screen box, screen mesh cloth, suspension (or support) device, under-frame and motor.



circular vibrating screen

WORKING PRINCIPLE

When circular vibrating screen on operation, first the materials will feed on the screen mesh, and the materials will separated uniformly on screen mesh plates.

The rolling bearing of the screen will stressed by highly mostly shock-type loads.

And more, the screen bearing ,while rotating about their own axis, going a way of circular ,elliptical or linear vibrating motion .This results in high radial accelerations which additionally stress the bearings , and especially the cages considerably.

The operating speeds are usually in a very high condition.

As a result, the bearing temperatures are up to 20 to 30 degrees Kelvin higher than in normal applications.

In addition, considerable misalignment between the bearing locations and considerable shaft deflections have to be accommodated.

FEATURE

Ring groove rivet connections, advanced structure, strong and durable.

To connect sieve and the sieve beams by using high strength bolts, simple structure and convenient maintenance.

To use eccentric block as the excitation power, strong power, low power consumption and noise.

Small amplitude, high frequency, large angle structure, high screen efficiency, and high processing capacity.

Vibrator uses a large clearance bearings, thin oil lubrication, low noise, long service life. universal parts and easy maintenance.

PARAMETER

Model	Layers No.	Dimension Size(mm)	Max. Feed Size(mm)	Capacity(t/h)	Vibrating Frequency (r/min)	Power (kW)	Double Swing (mm)
2YK1235	3	1200*3500	400	60-180	870	5.5	5-9
2YK1545	2	1500*4500	400	120-275	870	15	5-9
3YK1545	3	1500*4500	400	120-275	870	15	5-9
3YK1548	4	1500*4800	400	120-275	870	15	5-9
4YK1548	2	1500*4800	400	200-275	870	15	5-9
3YK1848	3	1800*4800	400	200-330	870	18.5	5-9
4YK1848	4	1800*4800	400	250-330	870	18.5	5-9
3YK1860	2	1800*6000	400	250-586	870	22	5-9
4YK1860	3	1800*6000	400	300-586	870	22-30	5-9
3YK2060	4	2000*6000	400	300-720	730	37	5-9
4YK2060	2	2000*6000	400	400-720	730	30-37	5-9
3YK2460	3	2400*6000	400	400-810	770	37	5-9
4YK2460	1	2400*6000	400	450-810	770	37	5-9

APPLICATION

Circular Vibrating sifter is widely used in mining, power stations, water conservancy projects, building industry, light and chemical industry, for coal dressing as well as in metallurgy. Generally, these models are built to specifically classify large, middle and small materials efficiently.

