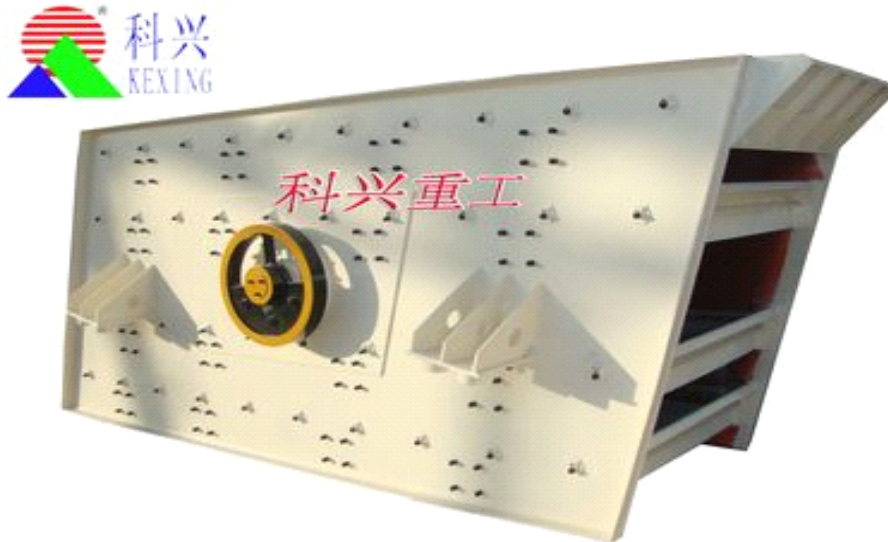




HENAN KEXING HEAVY INDUSTRY CO., LTD.

Mobile: 0086-15838198362 Email: kexing-crusher-mill@hotmail.com
Address: Zhongyuan District, Zhengzhou City, Henan Province, China

Vibrating Screen



Overview of Vibrating Screen:

It is a new screening equipment for the circular vibration, which is specifically designed for screening material stone in the quarry, and also used for classification in the departments of coal selecting, mineral processing, building materials, electricity and chemical products.

The output of Our vibrating screen conforms to the national standard and reach the highest level at home and abroad. Also it wins good praise from customers. The Vibrating Screen (Vibratory Screen) is of many layers and high efficiency.

The vibratory screen adopts the barrel type of eccentric shaft vibration exciter and eccentric block to adjust the swing. Advanced rivet assembly-frame structure improves service life of equipment and the spring damping device reduces the impact on the basis. This screen has the features of advance structure, strong vibration, low noisy, easy maintenance and firm & durable, etc.

The screen is of long screening line, various screen specification, clear filter in each specifications, high screening efficiency, not easy blocked. And it is also of reliable structure, strong exciting force, low vibrating noise, long durability, convenient maintenance, and safe operation, etc.

The vibrating screen is ideal equipment for crushing and screening equipment, which widely used for screening in mines, building material, transportation, energy sources and chemical industries, etc. When a small aperture sieve is installed, water spray

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Register place: Zhengzhou City ID No.: 4104022001593-1/1

Web: <http://hnkexing.en.alibaba.com/> or <http://www.chinesecrusher.net/>



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must be added to screen wet and adhesive materials.

Main Structure of Vibrating Screen:

YZS series circular vibrating screen mainly consists of the eccentric shaker, sieve boxes, motors, bases and supporting equipment. Working Principle of Vibrating Screen:

The eccentric vibrator high-speed rotates by the motor through V-belts, the rotating eccentric block produces large centrifugal force to bring sieve boxes circle moving with certain amplitude. Under the impulse of the sieve box, the materials on the leaning screens produce a continuous throwing motion; In the contacting process of the materials and screen surface, particles smaller than sieve pass through the screen and classification is realized.

Features of Vibrating Screen:

1. new structure ,advance technical data, high processing capacity and high screening efficiency
 2. Circular Vibrating Screen adopts tube-type eccentric shaft vibration exciter and partial block of conditioning amplitude; easy operation and maintenance.
 3. Circular Vibrating Screen with spring steel woven mesh or perforated metal sieve, long life, not easily plug holes.
 4. Circular Vibrating Screen with rubber isolation springs, long life, low noise, and pass through resonance region easily.
- Usage and Maintenance of Vibrating Screen:

vibrating screen should start without the materials on the screen surface, and try to avoid start the machine with materials, screen machine should make sure to run smoothly before feeding material. Before halt, feeding materials should be first stopped and all the materials are discharged. In the working process, the operating situation must be checked regularly, once operate improperly or have abnormal sound, the machine must be stopped for check. The reasons must be found and the faults must be removed.

Specification of Vibrating Screen:

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Model	Screen Size (mm)	Layer Number	Screen Mesh (mm)	Max. Feeding Size (mm)	Capacity (t/h)	Motor Power (KW)	Vibrating Frequency (r/min)	Double Amplitude (mm)
2YZS1548	4800×1500	2	3-100	400	30-275	15	870	5-9
3YZS1548	4800×1500	3	3-100	400	30-275	15	870	5-9
2YZS1848	4800×1800	2	3-100	400	56-330	18.5	870	5-9
3YZS1848	4800×1800	3	3-100	400	56-330	18.5	870	5-9
2YZS1860	6000×1800	2	3-100	400	65-586	22	870	5-9
3YZS1860	6000×1800	3	3-100	400	65-586	22-30	870	5-9
2YZS2160	6000×2100	2	3-100	400	81-720	37	730	5-9
3YZS2160	6000×2100	3	3-100	400	81-720	30-37	730	5-9
2YZS2460	6000×2400	2	3-150	400	100-810	37	770	5-9

Working field of vibrating screen:



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