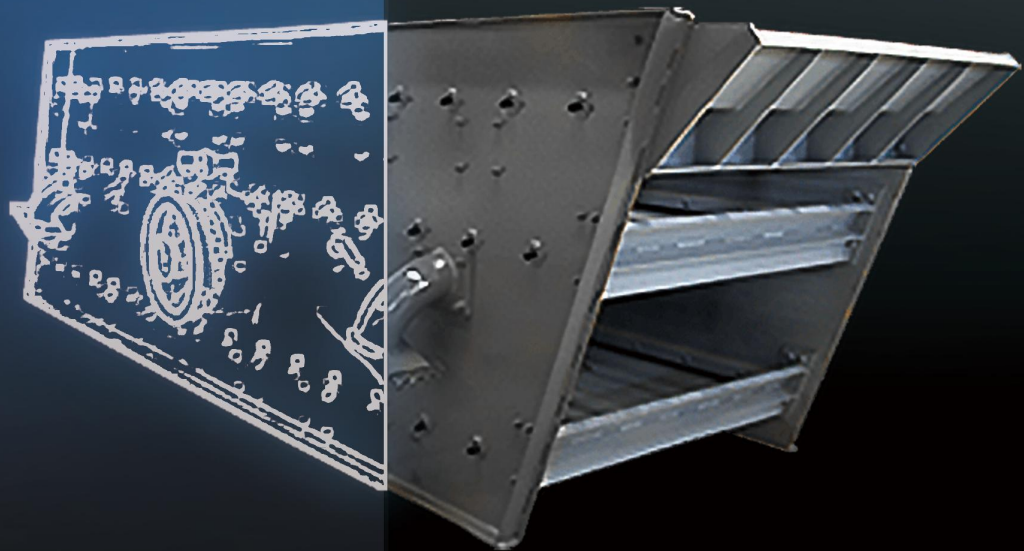




DING BO

YA Vibrating Screen

Capacity:15-800t/h
Max. Input Size: 200mm



Craftsmanship
Shape the reputation of trust



Features

More Options of Screen Nets Meeting More Production Needs

In order to satisfy various graded operating requirements after the intermediate-coarse crushing and intermediate-fine crushing, Dingbo equips multiple types of screen nets for YK Vibrating Screen. Users can freely select different numbers of layers and specifications of the screen which can satisfy different production demands through simple screen replacement operation.

High Productivity

The structure boasts small vibration amplitude, high frequency and big dip angle, while grants the screen with higher screening efficiency and bigger capacity.

Stronger Exciting Force

Dingbo strengthens the design of vibration exciter, i.e. the vibration source is more stable, and the exciting force is more powerful.

Easy Maintenance

Spare parts are standard, which makes later maintenance get easier.

Sufficient Supply of Spare Parts, Worry-free Operation

Dingbo is the manufacturer, we take responsibility for every machine produced by ourselves. We can offer customers technical services about products and original spare parts to ensure the worry-free operation.



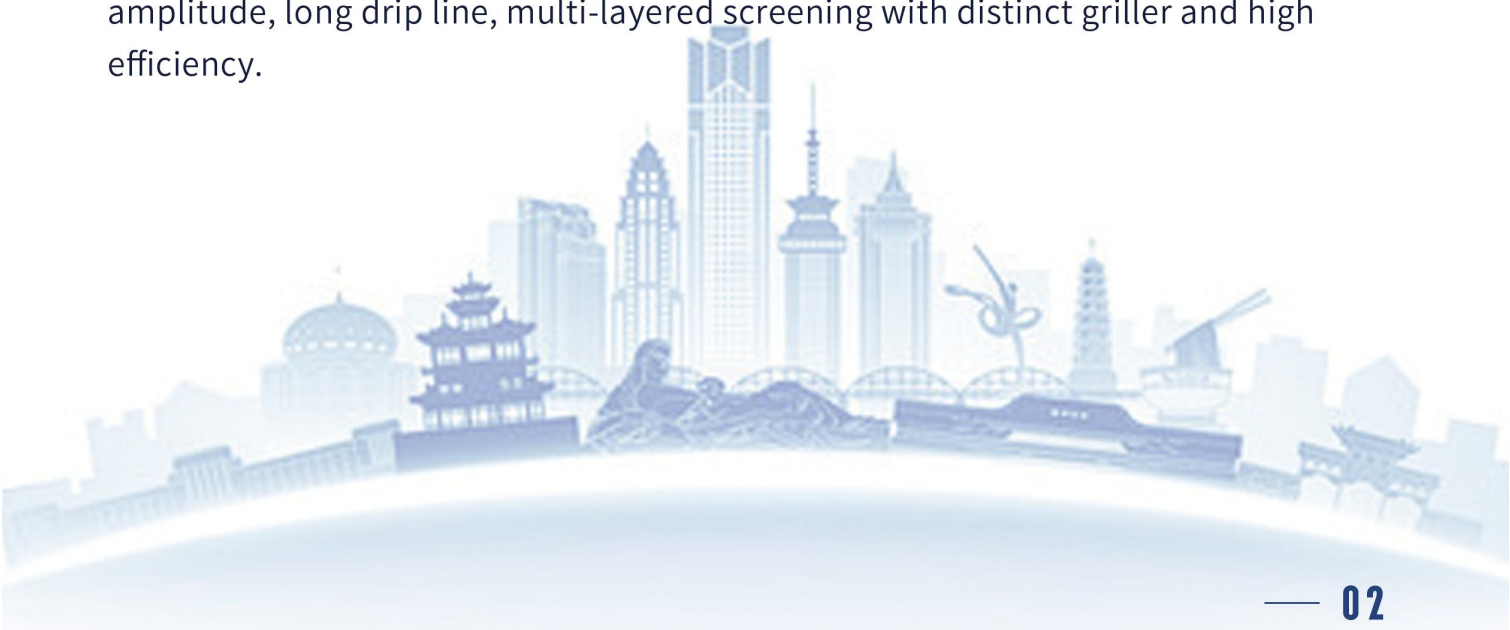
Application

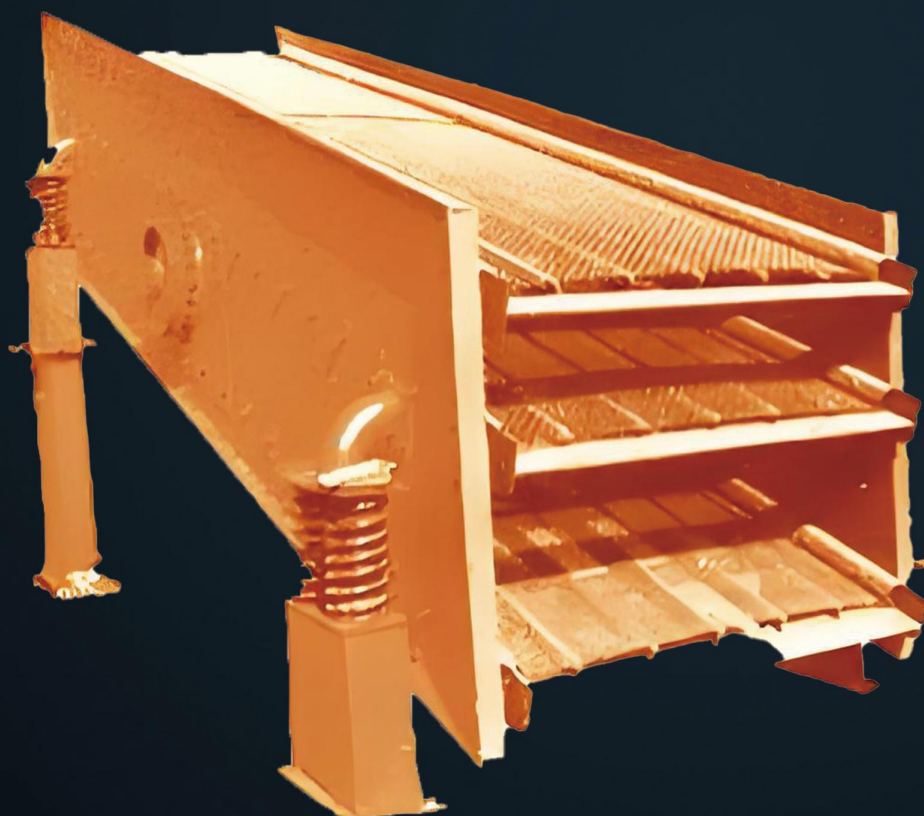
Popular among aggregates, highway construction, railway construction, airport building and some other industries.

Material

Most kinds of rocks, metallic ores, and other minerals, such as granite, marble, basalt, iron ore, copper ore, etc.

YK Vibrating Screen appears in such fields as ore beneficiation, aggregates production, solid wastes disposal and coal dressing. It is equipped with adjustable amplitude, long drip line, multi-layered screening with distinct griller and high efficiency.







Technical Parameters

Model	Number of sieve layers	Sieve size (mm)	Sieve surface specification (mm)	Maximum feeding particle size (mm)	Processing capacity (t/h)	Vibration frequency (Hz)	Double amplitude (mm)	Power (kw)
2YA1237	2	3-100	1200×3700	200	15-160	970	5-9	5.5
3YA1237	3	3-100	1200×3700	200	15-160	970	5-9	7.5
2YA1548	2	3-100	1500×4800	200	50-250	970	5-9	15
3YA1548	3	3-100	1500×4800	200	50-250	970	5-9	15
2YA1848	2	3-100	1800×4800	200	56-330	970	5-9	18.5
3YA1848	3	3-100	1800×4800	200	56-330	970	5-9	18.5
4YA1848	4	3-100	1800×4800	200	56-330	970	5-9	18.5
2YA1860	2	3-100	1800×6000	200	80-450	970	5-9	22
3YA1860	3	3-100	1800×6000	200	80-450	970	5-9	22
4YA1860	4	3-100	1800×6000	200	80-450	970	5-9	30
2YA2160	2	3-100	2100×6000	200	100-720	970	6-8	30
3YA2160	3	3-100	2100×6000	200	100-720	970	6-8	30
4YA2160	4	3-100	2100×6000	200	100-720	970	6-8	30
2YK2460	2	3-100	2400×6000	200	150-600	970	6-8	30
3YK2460	3	3-100	2400×6000	200	150-600	970	6-8	37
4YK2460	4	3-100	2400×6000	200	150-600	970	6-8	37
2YK3070	2	3-100	3000×7000	200	200-800	970	6-8	22*2
3YK3070	3	3-100	3000×7000	200	200-800	970	6-8	22*2

Notice: Any change of technical data shall not be advised additionally.



WORKING PRINCIPLE

A YK Vibrating Screen mainly consists of screen box, screen net, vibrator, damping spring device, chassis and other components. The side plates are made of high-quality steel plates. They are connected with the beam and the exciter base by high-strength bolts or ring groove rivets. The cylinder-type eccentric shaft exciter and the eccentric block are used to adjust the amplitude. The vibrator is installed on a side plate of the screen box. Driven by the motor, the eccentric block of the vibrator would rotate at a high speed under the motivation of triangular belt. High-speed rotation further exerts strong centrifugal inertia force to stimulate the screen box move in a circular motion within specific amplitude. During operation, materials on the inclined screen surface are subjected to the impulse transmitted from the screen box so that they are put in a continuous throwing motion. When materials fall onto the screen surface, particles smaller than the screen size are sieved out to achieve classification.



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