

Circular Vibrating Screen for Material Separation

The circular vibrating screen is a high-efficiency machine used for separating materials of different sizes. It is designed for precise classification and efficient processing in mining, quarry, aggregate, and recycling industries.



ADDITIONAL IMAGES



Overview

High-Efficiency Circular Vibrating Screen

This circular vibrating screen is engineered for high-performance material separation in mining, quarry, and aggregate processing. Utilizing a barrel-type eccentric shaft vibration exciter, it delivers strong vibrating force with low electricity consumption and minimal noise. The robust design features large clearance bearings and thin-oil lubrication, ensuring excellent durability and a long service life even in demanding industrial environments.

Key Features

Advantages

- Ring groove rivet connection for advanced structure and durability
- Simple structure with eccentric block excitation
- High screening efficiency and handling capacity
- Low electricity consumption and noise levels
- Small amplitude, high frequency, and big angle design

Technical Specifications

Model Specifications

Model	Layers	Screen Size (m ²)	Mesh (mm)	Max Feed (mm)	Capacity (m ³ /h)	Power (kW)
2YK1245	2	5.4	5-50	200	35-206	11
3YK1245	3	5.4	5-50	200	35-206	11
2YK1545	2	6.75	5-50	400	44-258	15
3YK1545	3	6.75	5-50	400	44-258	15
3YK1548	3	7.2	5-50	400	47-275	15
YK1848	1	8.8	5-100	400	56-330	15
2YK1848	2	8.8	5-100	400	56-330	15
3YK1848	3	8.8	5-100	400	56-330	22
2YK1860	2	9.72	5-100	400	63-586	22
3YK1860	3	9.72	5-100	400	63-586	22
2YK2160	2	12.6	5-100	400	81-720	30
3YK2160	3	12.6	5-100	450	81-720	30
4YK2160	4	12.6	5-100	400	66-720	45
4YK2460	4	14.4	5-150	200	450-650	45

Typical Operating Frequency

970 r/min

Screen Slope Range

15-20°