

# Circular Vibrating Screen for Material Separation

The circular vibrating screen employs a circular motion for efficient, multi-layer material separation. Designed with an eccentric shaft vibration exciter and adjustable eccentric block, it ensures effective screening across various specifications.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Material Separation

This circular vibrating screen is engineered for high-efficiency material separation and sizing across industrial applications like mining and aggregate processing. Utilizing a barrel-type eccentric shaft and adjustable eccentric block, it delivers precise circular motion for optimal screening performance. The robust design incorporates large clearance bearings with thin oil lubrication, ensuring low noise operation, reduced power consumption, and extended service life.

## Key Features

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- Advanced ring groove rivet connection for superior durability
- High-frequency, small-amplitude vibration for increased handling capacity
- Adjustable vibration swing via eccentric block design
- Low-noise operation with thin-oil lubricated large clearance bearings
- Multi-deck configuration options for versatile material sizing

## Technical Specifications

### Performance Metrics

**970 r/min**

Standard Frequency

**50 mm**

Max Mesh Size

**400 mm**

Max Feeding Size

### Model Specifications

Model	Layers	Area (m <sup>2</sup> )	Capacity (m <sup>3</sup> /h)	Power (kW)	Weight (kg)
2YK1245	2	5.4	35-206	11	4320
3YK1245	3	5.4	35-206	11	4460
YK1535	1	5.25	34-200	11	3355
3YK1535	3	5.25	34-200	15	5710
YK1545	1	6.75	44-258	11	3900
2YK1545	2	6.75	44-258	15	4370
3YK1545	3	6.75	44-258	15	5832
3YK1548	3	7.2	47-275	15	6070
4YK1548	4	7.2	47-275	18.5	7090