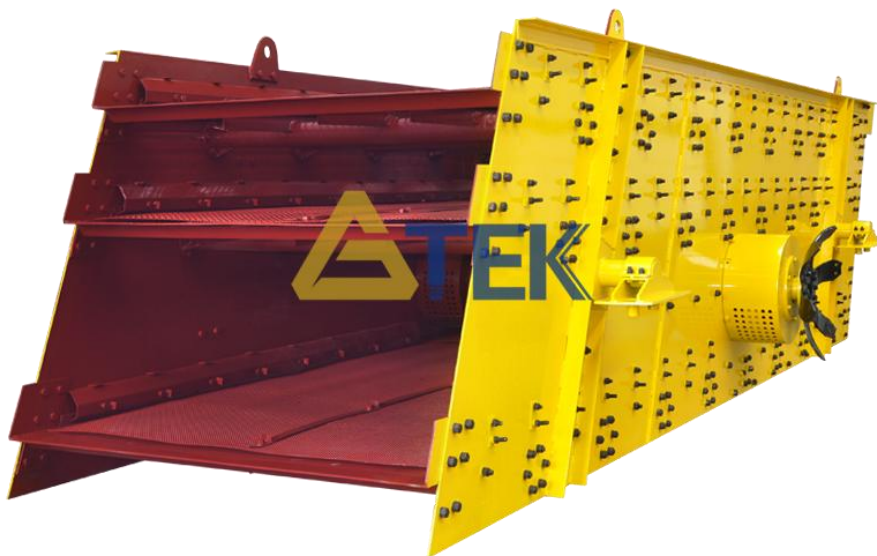


# GTEK Circular Vibrating Screen Brochure



## Description

Circular Vibrating Screen, which is also called circular-motion vibrating screen, is a new generation, multilayer, high efficiency mechanical screening equipment that used to classify medium and coarse grained bulk materials such as ore, coal, rock and gravel. The circular vibrating screen is mainly consist of sieving box, mesh, vibration exciter, damper spring and supporting base. The vibration exciter is mounted on the side plate of the screen sieve with a cylindrical eccentric shaft and stroke adjustment unit. The electromotor drives the cardan shaft to be able to rotate by means of V-shaped belt, as a result, centrifugal inertial force emerged and force the whole sieving box to vibrate.

## Application

GTEK YK circular vibrating screen is a high performance screen that can be used in a wide range of industries such as mining, sand, gold, energy and construction. GTEK YK circular vibrating screens are manufactured as 1, 2, 3 or 4 decks classification of ore, coal, rock and gravel or any material to be separated on its size.

## Features & Benefits

- Advanced structure, powerful exciter and safe operation;
- Small amplitude, high frequency, good separation result and high capacity;
- Made from international standard boiler steel plate, connected by high strength screw bolt, which makes it sturdy and durable;
- Adopt air-cooling technology of vibration exciter, longer bearing service life;
- Lower operating noise, lower power consumption and easy maintenance.

## Technical Specification

Model	Screen Size (mm)	Deck No.	Screen Open (mm)	Feed Size (mm)	Capacity (t/hr)	Motor Power (kW)	Vibrating Frequency (r/min)	Double Amplitude (mm)	Weight (kg)
2YK1224	1200×2400	2	<70	<120	20-120	5.5	960	7	1750
YK1235	1200×3500	1	<70	<120	20-150	7.5	960	7	1729
2YK1235	1200×3500	2	<70	<120	20-150	7.5	960	7	2476
3YK1235	1200×3500	3	<70	<120	20-150	11	960	7	3158
4YK1235	1200×3500	4	<70	<120	20-150	11	960	7	4160
YK1545	1500×4500	1	<70	<120	22-150	15	960	7	3319
2YK1545	1500×4500	2	<70	<120	22-150	15	960	7	5308
3YK1545	1500×4500	3	<70	<120	22-150	18.5	960	7	5915
4YK1545	1500×4500	4	<70	<120	22-150	11	960	7	7260
YK1548	1500×4800	1	<70	<120	50-200	11	730	8	3319
2YK1548	1500×4800	2	<70	<120	50-200	15	730	8	5284
3YK1548	1500×4800	3	<70	<120	50-200	15	730	8	6186
4YK1548	1500×4800	4	<70	<120	50-200	18.5	730	8	7284
YK1860	1800×6000	1	<70	<200	80-280	15	730	8	4651
2YK1860	1800×6000	2	<70	<200	80-280	18.5	730	8	6195
3YK1860	1800×6000	3	<70	<200	80-280	18.5	730	8	7613
4YK1860	1800×6000	4	<70	<200	80-280	22	730	8	8650
YK2160	2100×6000	1	<70	<200	100-450	18.5	730	8	4917
2YK2160	2100×6000	2	<70	<200	100-450	22	730	8	6856
3YK2160	2100×6000	3	<70	<200	100-450	30	730	8	9112
4YK2160	2100×6000	4	<70	<200	100-450	30	730	8	11405
YK2460	2400×6000	1	<70	<200	160-450	18.5	730	8	5243
2YK2460	2400×6000	2	<70	<200	160-450	30	730	8	8503
3YK2460	2400×6000	3	<70	<200	160-450	30	730	8	10411
4YK2460	2400×6000	4	<70	<200	160-450	30	730	8	12068
2YK2475	2400×7500	2	<70	<200	200-600	30	730	8	10709
3YK2475	2400×7500	3	<70	<200	200-600	37	730	8	13400
4YK2475	2400×7500	4	<70	<200	200-600	45	730	8	15500