

YK Series Circular Vibrating Screen

High-Efficiency Sizing & Accurate Multi-Deck Aggregate Classification

- ①

Circular Motion Trajectory: Utilizes an eccentric shaft and external block counterweights to generate a violent, circular vibration path, which keeps materials continuously tossing to prevent pegging and deliver maximized screening efficiency.
- ②

Flexible Multi-Deck Configurations: Available in 1, 2, 3, or 4-deck designs, allowing a single machine to simultaneously split bulk rocks into up to 5 distinct, high-purity commercial aggregate fractions.
- ③

Heavy-Duty Bolted Frame: Built with thick structural steel side plates connected entirely via specialized Huck bolts rather than welding, completely eliminating welding stress and preventing frame cracking under long-term high-G vibration.
- ④

Interchangeable Screen Media: Fully compatible with premium High-Manganese Steel Woven Wire Screens for maximum open area, or heavy-duty Polyurethane (PU) Screens for extreme wear resistance and lower operational noise.
- ⑤

Self-Aligning Driving System: Driven by a high-torque electric motor via a flexible tire coupling, ensuring ultra-smooth torque transmission while safeguarding the motor against violent vibration feed-back.



Model	Screen Size (mm)	Screen Hole Size (mm)	Max. Feed Size(mm)	Capacity (t/h)	Motor Powe (kw)	Vibrating Frequency (r/min)	Double Amplitude (mm)
YK1548	1500X4800	<70	120	50-200	11	960	7
2YK-158	1500X4800	<70	120	50-200	11	960	7
3YK-1548	1500X4800	<70	120	50-200	15	960	7
4YK-1548	1500X4800	<70	120	50-200	18.5	960	7
2YK-1860	1800X6000	<70	200	80-280	22	730	8
3YK-1860	1800X6000	<70	200	80-280	30	730	8
4YK-1860	1800X6000	<70	200	80-280	37	730	8
2YK-2160	2100X6000	<70	200	100-450	30	730	8
3YK-2160	2100X6000	<70	200	100-450	37	730	8
4YK-2160	2100X6000	<70	200	100-450	45	730	8
2YK-2470	2400X7000	<70	400	160-380	30	730	8
3YK-2470	2400X7000	<70	400	160-450	37	730	8
4YK-2470	2400X7000	<70	400	160-450	45	730	8
2YK-2870	2800X7000	<70	400	450-650	45	730	8
3YK-2870	2800X7000	<70	400	500-700	55	730	8