



Vibrating screen moves round. It has multi-layers and is of high efficiency. The eccentric shaft vibration exciter and partial block help to adjust amplitude. The material drops down along the long line. In screen grading, the material is separated mechanically on screen plates. Rolling bearings in vibrating screens are stressed by high, mostly shock-type loads. Moreover, the bearings, while rotating about their own axis, perform a circular, elliptical or linear vibrating motion. This results in high radial accelerations which additionally stress the bearings, and especially the cages, considerably. The operating speeds are usually very high. As a result, the bearing temperatures are up to 20 to 30 degrees Kelvin higher than in normal applications. In addition, considerable misalignments between the bearing locations and considerable shaft deflections have to be accommodated.



Technical parameters of Circular vibrating screen

Model	Sieve layer	Sieve area (m ²)	Mesh size (mm)	Max feeding size (mm)	Capacity (m ³ /h)	Vibrating Power (r/min)	Duble amplitude (mm)	Motor power (kw)	Sieve obliquity (°)	Sieve spec. (mm)	Total weight (kg)	Dimensions (L*W*H)(mm)
2YK1225	2	6	4-50	400	8-60	800-970	8	5.5	20	1200*2500	3500	2930*1860*870
3YK1225	3	9	4-50	400	10-70	800-970	8	5.5	20	1200*2500	3850	3070*1860*1210
2YK1230	2	7.2	4-50	400	12-78	800-970	8	7.5	20	1200*3000	4200	3430*1860*870
3YK1230	3	10.8	4-50	400	13-80	800-970	8	7.5	20	1200*3700	4600	3570*1860*1210
2YK1237	2	8.88	4-50	400	15-86	800-970	8	7.5	20	1200*3700	4600	4050*1860*870
3YK1237	3	13.22	4-50	400	16-90	800-970	8	7.5	20	1500*3500	5200	4270*1860*1210
2YK1535	2	10.5	5-50	400	20-125	800-970	8	11	20	1500*3500	5890	4120*2210*1230
3YK1535	3	15.75	5-50	400	21-125	800-970	8	11	20	1500*3500	6700	4360*2210*1610
2YK1545	2	13.5	5-50	400	22-150	800-970	8	15	20	1500*4500	6330	5120*2210*1230

3YK1545	3	20.25	5-50	400	22-150	800-970	8	15	20	1500*4500	6800	5360*2210*1610
4YK1545	4	27	5-50	400	22-155	800-970	8	18.5	20	1500*4500	7800	5930*2210*2060
2YK1548	2	14.4	5-50	400	22.5-162	800-970	8	15	20	1500*4800	6980	5420*2210*1230
3YK1548	3	21.6	5-50	400	22.5-162	800-970	11	15	20	1500*4800	7700	5660*2210*1610
4YK1548	4	28.8	5-50	400	22.5-162	800-970	8	18.5	20	1500*4800	8700	6230*2210*2060
2YK1848	2	17.28	5-80	400	25-206	750	8	15	20	1800*4800	9080	5420*2550*1420
3YK1848	3	25.92	5-80	400	32-276	750	8	18.5	20	1800*4800	9600	5660*2550*1780
4YK1854	4	34.54	5-80	400	32-285	750	8	22	20	1800*4800	11100	6290*2550*2160
2YK1854	2	19.44	5-80	400	32-312	800-970	8	18.5	20	1800*5400	10150	5960*2500*1420
3YK1854	3	29.16	5-80	400	32-312	800-970	8	22	20	1800*5400	10840	6260*2550*1780
4YK1854	4	38.88	5-80	400	32-336	800-970	8	30	20	1800*5400	12840	6830*2550*2160
2YK2160	2	25.2	5-100	400	50-475	970	8	30	20	2100*2600	11780	6720*2840*1530
3YK2160	3	37.8	5-100	400	50-475	970	8	30	20	2100*2600	12800	7030*2840*1910
4YK2160	4	50.4	5-100	400	50-497	970	8	37	20	2100*2600	14800	7300*2840*2380
2YK2460	2	28.8	5-100	400	65-550	970	8	37	20	2400*6000	15600	7020*3140*1530
3YK2460	3	43.2	5-100	400	70-620	970	8	37	20	2400*6000	17600	7300*3140*1910
4YK2460	4	57.6	5-100	400	80-680	970	8	45	20	2400*6000	19600	7600*3140*2380