

HIGH ENERGY DISC SYSTEMS

All advantages at a glance

- ▶ Up to 15 times higher performance than vibratory equipment
- ▶ Intelligent annular gap technology (Micro Gap)
- ▶ Highest flexibility through individual system configuration
- ▶ Compact and user-friendly system design
- ▶ Optimized work bowl geometry for even more economical use
- ▶ Expandable up to a fully automatic processing line



Type:	FKS 02.1 E	FKS 04.1 E	FKS 04.1 E/M*	FKS 06.1 E	FKS 15.1 E	FKS 35.1 E
Gross operating volume (l)	14	40	40	60	120	260
Length (mm)	962	1.129	1.126	1.399	1.600	2.225
Length with screening unit (mm)	1.274	2.254	2.254	2.214	2.450	-
Width (mm)	551	723	815	1.395	1.568	1.549
Height (mm)	940	950	1.060	1.210	1.142	1.294
Diameter processing bowl (mm)	288	428	428	496	630	800
Discharge height screening unit (mm)	505	266	365	1.146	1.188	1.236
Drive power rotary spinner (kW)	0,75	2,2	2,2	2,2	4,0	11,0
Vibratory screening units	-	R 40 SM	R 40 SM	R 9/6 SM-E	R 12/7 SM-E	R 18/7 SM-E
Screening area L x W (mm)	-	995 x 540	955 x 540	955 x 540	1.205 x 674	1.785 x 685

Type:	FKS 02.1 E/SM	FKS 04.1 E/SM	FKS 04.1 E/SA	FKS 06.1 E/SA	FKS 15.1 E/SA	FKS 35.1 E/SA	FKS 65.1 E/SA
Gross operating volume (l)	14	40	40	60	120	260	260
Length (mm)	1.095	1.265	1.023	1.295	1.527	2.413	2.765
Length with screening unit (mm)	1.305	1.476	1.519	1.797	2.155	3.160	3.360
Width (mm)	551	815	1.037	1.259	1.529	1.502	2.012
Height (mm)	945	1.065	1.004	1.064	1.175	1.105	1.359
Diameter processing bowl (mm)	288	429	420	496	630	798	1.037
Discharge height screening unit (mm)	538	300	769	807	876	1.035	1.359
Drive power rotary spinner (kW)	0,75	2,2	2,2	2,2	4	11	15
Screening area L x W (mm)	365 x 254	400 x 435	630 x 414	680 x 530	850 x 630	1.051,5 x 840	1.253 x 1.070

Type:	FKS 06.1 E-A	FKS 15.1 E-A	FKS 35.1 E-A
Gross operating volume (l)	60	120	260
Length (mm)	2.007	2.342	3.213
Width (mm)	1.601	1.864	1.770
Height (mm)	981	1.186	1.390
Diameter processing bowl (mm)	495	630	800
Discharge height screening unit (mm)	821	937	1.091
Drive power rotary spinner (kW)	2,2	4,0	11,0
Screening area L x W (mm)	945 x 566	1.158 x 730	1.540 x 935

Type:	FKS 06.1 A2	FKS 15.1 A2	FKS 35.1 A2	FKS 55.1 A2	FKS 65.1 A2
Gross operating volume (l)	60	120	260	350	550
Length (mm)	2.230	2.620	3.250	4.000	4.085
Width (mm)	2.020	2.260	2.710	3.115	3.015
Height (mm)	2.350	2.320	2.360	2.330	2.500
Maximum height of loading unit in tilt position (mm)	2.290	2.560	3.110	3.530	3.740
Diameter processing bowl (mm)	500	640	800	920	1.000
Discharge height screening unit (mm)	900	880	980	1.070	1.035
Total installed power (kW)	8,0	11,0	22,0	32,0	32,0
Drive power rotary spinner (kW)	2,2	4,0 (5,5)	11,0 (15,0)	18,5	15,0 (18,5)

Type:	FKS 06.2 A3-Tandem	FKS 15.2 A3-Tandem	FKS 35.2 A3-Tandem	FKS 55.2 A3-Tandem
Gross operating volume (l)	2 x 60	2 x 120	2 x 260	2 x 350
Length (mm)	2.230	2.920	3.290	4.030
Width (mm)	3.110	3.560	4.270	5.030
Height (mm)	2.390	2.390	2.500	2.480
Maximum height of loading unit in tilt position (mm)	2.330	2.600	3.140	3.550
Diameter processing bowl (mm)	500	640	800	920
Discharge height screening unit (mm)	900	900	950	1.060
Total installed power (kW)	10,5	15,8 (18,5)	33,0 (40)	51
Drive power rotary spinner (kW)	2,2	4,0 (5,5)	11,0 (15,0)	18,5