

GTEK Spiral Classifier



● Description

Spiral classifier is one of the beneficiation devices. Spiral classifier achieves the purpose of classification based on the differing of solid particles in specific gravities. Spiral classifiers mainly include four types. They are high weir type single spiral classifier, high weir type double spiral classifier, immersed type single spiral classifier and immerse type double spiral classifier. Our spiral classifier has the characteristic of simple structure, reliable working and easy operation.

● Application

Spiral Classifier has been widely use in closed-circuit grinding operations and it can also be used for the classification of ore sand and slime in gravity beneficiation plants, for the size grading of slurry in mineral processing plants and for desliming and dewatering in ore-washing plants.

● Technical Specification

Model	Spiral Diameter (mm)	Length of pool (mm)	Rotation Speed (r/min)	Motor Power (kW)		Dimensions (mm)			Weight (t)
				Drive	Lift	L	W	H	
FG-3	300	3000	12-30	1.1	--	3850	490	1140	0.7
FG-5	500	4500	8-12.5	1.1	--	5430	680	1480	1.6
FG-7	750	5500	6-10	3	--	6270	980	1820	2.7
FG-10	1000	6500	5-8	5.5	--	7590	1240	2380	4
FC-10		8400		7.5		9600	1240	2680	6
FG-12	1200	6500	4-6	7.5	2.2	8180	1570	3110	8.5
FC-12		8400		7.5	2.2	10370	1540	3920	11
2FG-12		6500		15	4.4	8230	2790	3110	15.8
2FC-12		8400		15	4.4	10370	2790	3920	17.6
FG-15	1500	8300	4-6	7.5	2.2	10410	1880	4080	12.5
FC-15		10500		7.5	2.2	12670	1820	4890	16.8
2FG-15		8300		15	4.4	10410	3390	4080	22.1
2FC-15		10500		15	4.4	12670	3370	4890	30.7
FG-20	2000	8400	3.6-5.5	11-15	3	10790	2530	4490	20.5
FC-20		12900		11-15	3	15610	2530	5340	28.5
2FG-20		8400		22-30	6	11000	4600	4490	35.5
2FC-20		12900		22-30	6	15760	4600	5640	48.7
FG-24	2400	9130	3.67	15	3	11650	2910	4970	25.7
FC-24		14130		18.5	4	16580	2930	7190	41
2FG-24		9130		30	6	12710	5430	5690	45.8
2FC-24		14130		37	8	17710	5430	8000	67.9
2FG-30	3000	12500	3.2	40	8	16020	6640	6350	73
2FC-30		14300				17091	6640	8680	84.8

