



Spiral classifier

We produce high weir type, single and double spiral, and immersed single and double spiral classifiers. Our spiral classifiers are widely used in theseparation of ore in closed circuits with ball mills, grading ore and fine slit in gravity mills, grading granularity and flow of metal ore-dressing, and de-sliming and dehydrating in washing.

This product features simple structure, reliable working conditions and convenient operation. Because different grains have different specific gravity and sedimentation rates in liquid, this product allows the fine ore to flow in the water, while coarse ore sinks to the bottom.

This classifier can filter materials and send coarse materials to the feeding mouth and discharge fine materials from the pipe. The seat of the machine features channel steel material, while the body is armor plated and the spiral axle is made of cast iron for durability. The machine's lifting equipment can be used manually or electronically.



Technical parameter of Spiral classifier

Model	Spiral diameter (mm)	Spiral rotation speed (r/min)	Trough length (mm<=)	Motor power(kw<=)		Dimensions(mm<=)			Weight (t)
				For driving	For lifting	Length	Width	Height	<=
FG-3	300	12-30	3000	1.1	----	3850	490	1140	0.7
FG-5	500	8-12.5	4500	1.1	----	5430	680	1480	1.9
FG-7	750	6-10	5500	3	----	6720	980	1820	3.1
FG-10	1000	5-8	6500	5.5	----	7590	1240	2380	4.9
FC-10			8400	7.5		9600	1240	2680	6.2
FG-12	1200	4-6	6500	7.5	2.2	8180	1570	3110	8.5
FC-12			8400	7.5	2.2	10370	1540	3920	11.0

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	4-6	8300	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	3.6-5.5	8400	11-15	3	10790	2530
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	3.67			9130	15	3	11650	2910
FC-24			14130	18.5	4	16580	2930	7190	41.0
2FG-24			9130	30	6	12710	5430	5690	45.8
2FC-24			14130	37	8	17710	5430	8000	67.9
2FG-30			3000	3.2	12500	40	8	16020	6640
2FC-30	14300	---			---	17091	---	8680	84.8