

Operating Instruction

SPIRAL CLASSIFIER

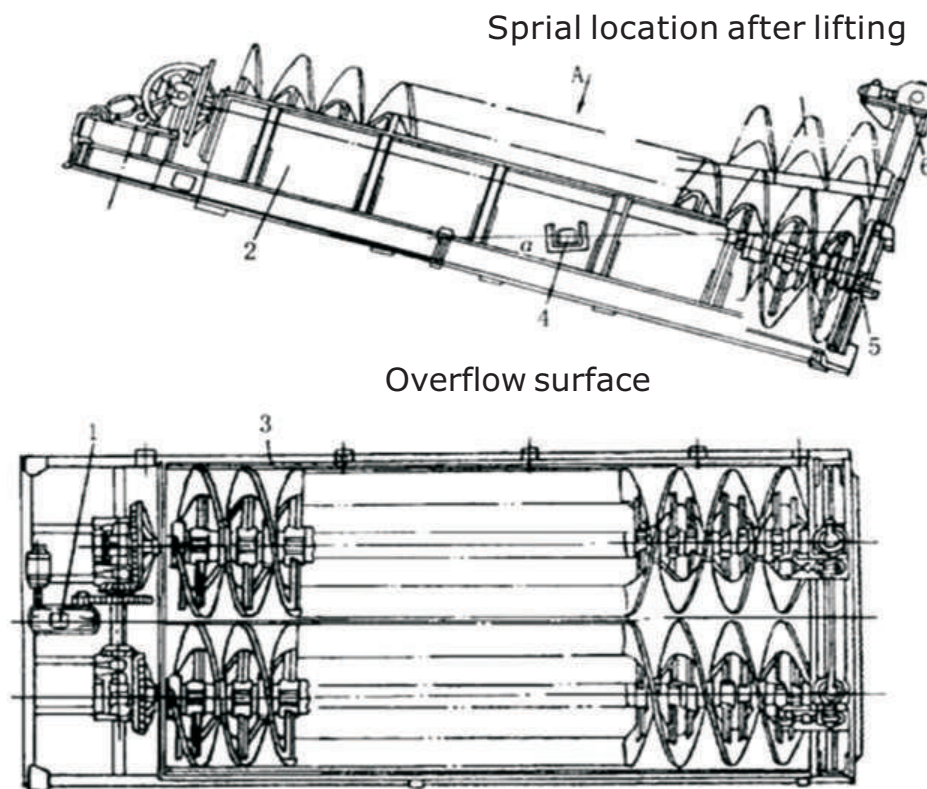


Henan Hongxing Heavy Machinery Co., Ltd.

The Main Types and Application Field of Sprial Classifier:

There are four types of classifiers, high weir type single and double spiral classifier, immersed single and double spiral classifier. Spiral classifier (Screw classifier) is widely used for distributing ore in the close circuit with ball mill, grading ore

and fine slit in the gravity mill, grading granularity in the flow of metal ore-dressing and desliming and dehydrating in the washing. Advantages are simple structure, reliable working condition and convenient operation.



1. Drive device

2. Flume

3. Left and right spiral shaft

4. Input

5. Under base

6. Lifting device

The Function and Usage of Sprial Classifier:

1. Separation of fine particles and liquid from coarse particles

3. Separation of the particles into a number of products graded according to size

2. Separation of light particles from heavy particles

4. Separation of liquid from solid particles

Characteristics:

Processing ability: 770-2800T/24H

Screw diameter: 1500~3000mm

Material handling: limestone, talc, graphite, barite, mica, kaolin.



Features

1. Reasonable structure, small occupation area
2. High recovery rate, high efficiency, high precision
3. Light weight, rust and corrosion resistant
4. Simple installation, convenient maintenance



Technical data :

Model	Spiral diameter (mm)	Spiral rotation speed (r/min)	Trough length (mm ≤)	Power (kw)		Dimensions(L×W×H) (mm≤)			Machine 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	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	3.67	9130	15	3	11650	2910	4970	26.8
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	6350	73.0
2FC-30			14300	---	---	17091	---	8680	84.8

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