

Rotation spiral concentrator

Descriptions

On the basis of fixing spiral chute, a rotating device is installed to rotate the chute body.

Rotary spiral chute provides a new and effective way to improve the recovery rate of fine mud. Rotary spiral chute in suite for gravity separation process such as tantalum, niobium, tungsten, tin, gold, seashore sand ore and ilmenite. Through the comparison of beneficiation effects of traditional gravity separation processing, conventional gravity separator equipment and the selection and control of operating parameters of rotary spiral chute, its beneficiation characteristics are described.

Feature:

1: High enrichment ratio

2: For fine particle minerals, the recovery rate is higher than ordinary spiral chute.

3: Low investment and high benefit.

4: compact configuration and convenient management

Rotation Spiral concentrator Technical Specifications

Specification	5LL-1200	5LL-900
Spiral Diameter (mm)	1200	900
Spiral Pitch (mm)	900/720 /540	675/540 /405

Ratio of Pitch To Diameter		0.75/0.6 /0.45	0.75/0.6 /0.45
Lateral Obliquity		9°	9°
Starts		4	4
Feeding Sizes (mm)		0.3-0.03	0.3-0.03
Feeding Density (%)		25-35	25-55
Capacity (t/h)		4-6	2-3
Dimension (mm)	Length	1360	1060
	Width	1360	1060
	Height	5230	4000
Weight (kg)		600	400

Application:



Tantalum niobium Rotation spiral concentrator



Tungsten rotary spiral chute



WELL-TECH EQUIPMENT
威尔国际矿业装备

Tin Spiral