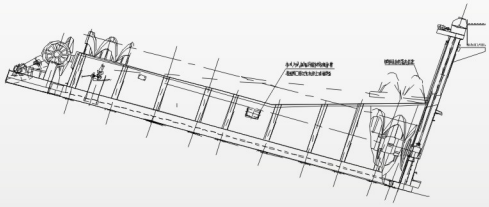
螺旋分级机
Spiral Classifier

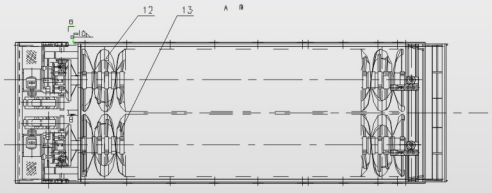
产品用途及特点：

螺旋分级机是选矿工艺中十分经典的分级设备，主要用于选矿厂磨矿回路中的预先分级和检查分级，以及洗矿、脱泥等作业中。螺旋分级机是利用重力或离心力，按颗粒在流体中的沉降规律进行物料分级的设备。其主要优点是：设备简单、工作可靠、操作方便、易与小于4.0m的磨矿机构成回路。螺旋分级机在构造上可分为高堰式和沉没式两种。高堰式适用于粗粒分级，其分级溢流粒度一般大于0.15mm。沉没式螺旋分级机适用于细粒分级，其分级溢流粒度一般小于0.15mm。

Applications & Features of Product:

Spiral classifier is one of classic mineral processing equipment in the classification of equipments, which shall be mainly applied for pre-grading and inspecting-grading in the circuit of grinding, and washing, removing mud and other operating. Spiral classifier is the equipment that grading materials according to the settlement of particles in the pattern of fluid by gravity or centrifugal force, which with chara cteristics as: equipment is simple, reliable, easy-handling and looping of grinding bodies with less than Φ 4.0m. Spiral Classifier can be divided into high-weir-type and submergence-type in structures. High-weir-type is suitable for coarse-classified, which overflow size is generally greater than 0.15mm. Submergence-type is suitable for fine-classified which overflow size is generally less than 0.15mm.





该设备选型参数表

型号		FG5-FG30	2FG12-2FG38	FC12- FC30	2FC12- 2FC38
规格		Φ500-3000	Φ1200-3800	Φ1200-3000	Φ1200-3800
螺旋直径 (mm)		500-3000	1200-3800	1200-3000	1200-3800
螺旋转数 (r/min)		15.5-3.2	7-2.72	6-3.2	6-3.2
水槽	长 mm	4500-12500	6500-14000	8400-14300	6500-14300
	宽 mm	555-3200	2600-7900	1372-3200	2600-7900
	倾斜角	14° -18° 30'			
溢流堰高度 (mm)		310-850	400-1000	1100-2000	400-2200
螺旋提升高度 (mm)		--1300	1000-1780	1400-2600	1000-2600
重量 (T)		1.6-46.84	15.84-122.41	11.1-53.59	15.84-125.1

螺旋分级机业绩

- 累计生产1500台。
- 螺旋分级机国家标准制定单位。
- 研制开发的国际最大规格的ϕ3.8m螺旋分级机在云南景东、景洪与ϕ3.6m系列球磨机配合使用良好。

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