

永磁筒式磁选机

Permanent magnetic drum separator

永磁筒式磁选机适用于粒度3mm以下金属矿的湿式磁选，是一款普遍应用于选别强磁性矿物的湿式永磁磁选设备，利用各种矿物比磁系数的不同，借助磁力和机械力将混合料中的磁性物质分离开，筛选效果显著，运转可靠，在湿法选矿行业深受欢迎。

The permanent magnetic drum magnetic separator is suitable for wet magnetic separation of metal ores with a particle size below 3mm. It is a wet permanent magnetic separation equipment commonly used in the separation of strong magnetic minerals, utilizing the different specific magnetic coefficients of various minerals, the magnetic substances in the mixture are separated by magnetic force and mechanical force. The screening effect is remarkable and the operation is reliable. It is very popular in the wet beneficiation industry.



产品优势

>> Product Advantages

1、磁感强易操作

磁系采用优质铁氧体材料或与稀土磁钢复合而成，8年退磁率不超过5%；槽体两侧有排淤装置，有效减少人工投入。

2、选材优品味高

筒体表面及磁系材料选材优，可较大程度上排除废石，提高矿石品位，有效减轻下一道工序负荷。

3、适应能力强、筛选效果好

水质及生产适应能力强，可获得高品位和高回收率的优越选矿指标；场强渐变，可实现矿物高效分离。

1. Strong magnetic sense and easy operation

The magnetic system is made of high-quality ferrite material or compounded with rare earth magnetic steel, and the demagnetization rate does not exceed 5% in 8 years; there are silt discharge devices on both sides of the tank, which effectively reduces labor input.

2. Excellent material selection and high taste

The surface of the cylinder and the magnetic system materials are well-selected, which can remove waste rocks to a large extent, improve the grade of ore, and effectively reduce the load of the next process.

3. Strong adaptability and good screening effect

Water quality and production adaptability are strong, and superior mineral processing indicators of high grade and high recovery can be obtained; the field strength gradually changes, and minerals can be separated efficiently.

产品参数

>> Product Parameters

规格型号 Specification model	CTBC1018	CTBC1024	CTBC1030	CTBC1218	CTBC1224	CTBC1230
筒体直径 Cylinder diameter (mm)	1000	1000	1000	1200	1200	1200
筒体长度 Cylinder length (mm)	1800	2400	3000	1800	2400	3000
筒体场强 Cylinder field strength (mT)	300~500	300~500	300~500	300~500	300~500	300~500
筒体转速 Cylinder rotating speed (r/min)	23	23	23	20	20	20
干矿处理量 Dry ore processing capacity (t/h)	36~54	44~75	66~103	47~82	62~105	83~129
给矿粒度 Feed particle size (mm)	0~4	0~4	0~4	0~4	0~4	0~4
矿浆浓度 Pulp concentration (%)	20~50	20~50	20~50	20~50	20~50	20~50
电机功率 Motor Power (kw)	5.5	7.5	7.5	7.5	11	11
总重量 Gross weight (t)	5.2	6.4	7.1	6.7	7.2	8.9
设备长度 Equipment length (mm)	3160	3790	4460	3380	4190	4770
设备宽度 Equipment width (mm)	2250	2250	2250	2460	2460	2460
设备高度 Equipment height (mm)	1750	1750	1750	2000	2000	2000

注：技术数据如有变更，恕不另行通知。 Any change of technical data shall not be advised additionally.