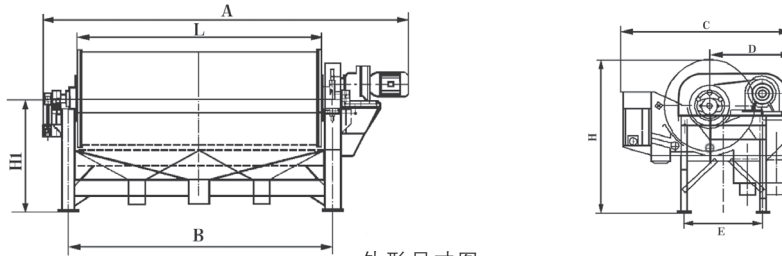


HMDC 系列强磁磁选机

SERIES HMDC HIGH MAGNETIC FIELD SEPARATOR



外形尺寸图
Appearance Size

主要技术参数 General Technical Parameters:

型号规格 Model	筒径 Drum Diameter mm(in)	筒长 Drum Length mm(in)	A	B	C	D	E	H	H1	电机功率 Motor Power kW	重量 Weight kg
HMDC-918	914(36)	1834(72)	3050	2038	1827	870	845	1605	1118	4.0	2360
HMDC-921	914(36)	2138(84)	3355	2342	1827	870	845	1605	1118	4.0	2650
HMDC-924	914(36)	2442(86)	3660	2650	1827	870	845	1605	1118	4.0	2830
HMDC-927	914(36)	2746(108)	3995	2954	1827	870	845	1605	1118	5.5	3260
HMDC-930	914(36)	2980(117)	4220	3258	1827	870	845	1605	1118	5.5	3650
HMDC-1221	1219(48)	2138(84)	3475	2342	2150	1175	1150	1910	1423	5.5	3350
HMDC-1224	1219(48)	2442(86)	3910	2650	2150	1175	1150	1910	1423	5.5	3760
HMDC-1230	1219(48)	2980(117)	4470	3258	2150	1175	1150	1910	1423	7.5	4500

说明:

- 1、槽体全部采用不锈钢制作。
- 2、支架结构采用优质槽钢及角钢焊接而成。
- 3、滚筒与槽体间隙的调整用增减垫板的方法调整。
- 4、此图仅供选型时参考，安装位置及基础图以订货后提供的图纸为准。

Instruction:

- 1、The tank is wholly made of stainless steel.
- 2、The frame is structured by high-quality channel steel and angle iron.
- 3、The space between drum and tank can be adjusted by the plate.
- 4、This diagram is only for reference. The installation diagram should be subjected to the diagram after ordering.

HMDC 系列强磁磁选机工艺性能一览表

PERFORMANCE DIAM FOR SERIES HMDC STRENGTH AND HIGH EFFICY MAGNEYIC SEPATOR

型号规格 Model		磁系 Magnetic system	矿浆量 Pulp volume (m ³ /h)	精矿量 Concentrate volume(t/h)	入料固体重量百分比 Percentage for weight of feeding solid materials(%)	入料矿浆成份要求 (固体量百分比) TheComposition Requirement for Feeding Pulp(percentage for solid Material)	
筒径 Drum Diameter	筒长 Drum Length mm(in)		逆流型 (推荐量) Countercurrent (Recommend)	逆流型 (推荐量) Countercurrent (Recommend)	逆流型 (推荐量) Coun- tercurrent (Recommend)	磁性物含量 (%) (推荐最小量) Containing Percentage for Magnetic Materials (Recommended minimum)	非磁性物含量 (%) (推荐最大量) Containing Percentage for nonmagnetic Materials (Recommended maximum)
HMDC 914mm (36in)	1834(72)	距筒表 50mm 为 800 高斯, 7 个主磁极, 2 个副磁极, 磁系包角 138° 800Gs, 7 main magnetic poles, 2 added magnetic poles. The angle of contact for magnetic system 138°	165	25	10%~25%	13%	12%
	2138(84)		190	30			
	2442(96)		220	35			
	2746(108)		245	40			
	2980(117)		275	45			
HMDC 1219mm (48in)	2138(84)	距筒表 50mm 为 800 高斯, 9 个主磁极, 3 个副磁极, 磁系包角 138° 800Gs, 9 main magnetic poles, 3 added magnetic poles. The angle of contact for magnetic system 138°	230	55			
	2442(96)		260	65			
	2980(117)		330	80			

重介质回收率：

按照华特公司推荐的工艺要求，华特 HMDC 磁选机能够保证尾矿中磁性物（重介质）含量小于 0.26kg/m³（通常情况下小于 0.13kg/m³）。华特 HMDC 磁选机能够保证如下重介质回收率：入料矿浆中重介质含量在 87-130kg/m³ 之间时，重介质回收率大于 99.7%；在 130-260kg/m³ 之间时，重介质回收率大于 99.8%；高于 260kg/m³ 时，重介质回收率大于 99.9%。

Recovery for heavy media:

According to the recommended technical requirements, the containing percentage of magnetic materials (heavy media in tailing is guaranteed less than 0.26kg/m³ (generally less than 0.13kg/m³). Our magnetic separator HM-DC can achieve reclaiming rate for the following under-mentioned heavy material): the recovery of heavy media is achieved as follows: heavy media volume in feed ore pulp(kg/m³) heavy media recovery(%)

87-130	over 99.7
130-260	over 99.8
260	over 99.9