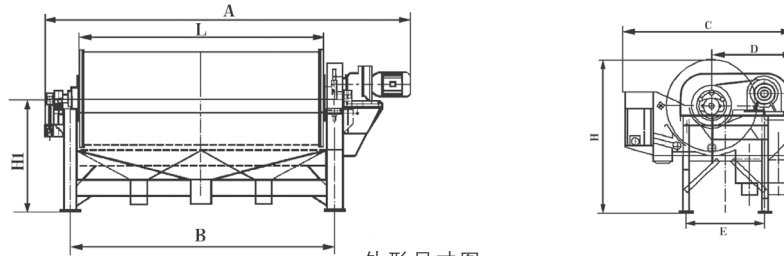


## HMDC 系列强磁磁选机

### 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 <sup>3</sup> /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/m<sup>3</sup>（通常情况下小于 0.13kg/m<sup>3</sup>）。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/m<sup>3</sup> 之间时，重介质回收率大于 99.7%；在 130-260kg/m<sup>3</sup> 之间时，重介质回收率大于 99.8%；高于 260kg/m<sup>3</sup> 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/m<sup>3</sup> (generally less than 0.13kg/m<sup>3</sup>). 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/m<sup>3</sup>) heavy media recovery(%)

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