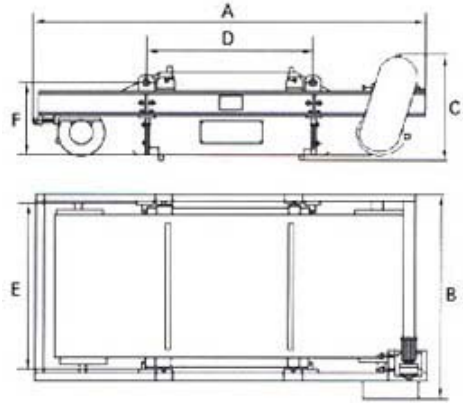


Magnetic Assemblies >> Magnetic Separator

Series PCY-K Equipped Magnetic Separator

Specification: Series PCY Permanent-magnetic Tramp Iron Separator



Use and characteristic:

- It is used to sort the iron out in metallurgy, covered vessel scrap workshop, casting workshop.
- The unique stainless steel plate-armored belt can protect the belt from ruining by the sharp ferromagnetism material efficiently.
- Strong magnetic field intension, high gradient and strong attractive force.
- No need of excitation, which can save the energy; self-cleaning belt, which is convenient for operation.
- The magnetic source is reliable as the magnetic source is made from NdFeB permanent magnetic material.
- The belt is of automatic corrective function and the special sealed bearing block make it work in the harsh environment.
- The compact structure makes it convenient to maintenance and can work in long period without malfunction.
- The common type with stated-standard and the special type beyond the stated-standard.

The characteristics and use:

The unique design for the armed self-cleaning belt, which can protect the belt from damaging of the sharp magnetic material. The rated height with high magnetic force, high gradient and strength attraction. No need of excitation power, energy-save, self-clean, operation-convenience. The magnetic source is made up of the rare earth material with stability magnetic performance. It is of the automatically rectify the off-course function with the special sealed bearing which is suitable for the operation in the poor environment. The compact reasonable structure, convenient maintenance for the long time and no malfunction operation. The safe specification, which fit the international standard.

PCY-K Ordinary series:

Type	Belt width adap- tive mm	Suspension height rated mm	Magnetic intensity ≥mT	Belt speed adap- tive ≤Kw	Catching ability Kg	Working style	Driven power Kw	Outline dimension mm						Weight Kg
								A	B	C	D	E	F	

PC Y-K50	500	150	≥70	≤4.5	0.1-36	Continuously	1.5	190	735	935	950	753	45	750
PC Y-K65	650	200					2.2	205	780	103	110	753	45	1200
PC Y-K80	800	250					2.2	235	796	128	130	108	45	1400
PC Y-K100	1000	300					3.0	266	920	155	140	133	45	2120
PC Y-K120	1200	350					4.0	286	101	172	155	151	51	3350
PC Y-K140	1400	400					4.0	322	105	198	188	175	51	4450

PCY-K strong series:

Type	Belt width adaptive mm	Suspension height rated mm	Magnetic intensity ≥mT	Belt speed adaptive ≤Kw	Catching ability Kg	Working style	Driven power Kw	Outline dimension mm						Weight Kg			
								A	B	C	D	E	F				
PC Y-K65	650	200	90	≤4.5	0.1-50	Continuously	1.5	216	107	795	120	890	45	1300			
			120				2.2	216			120	890		1420			
			150				2.2	231			130	890		1750			
PC Y-K80	800	250	90				≤4.5	0.1-50	Continuously	2.2	235	128	128	130	109	45	1920
			120							2.2	235			130	109		2180
			150							3.0	252			140	109		2820
PC Y-K100	1000	300	90	≤4.5	0.1-50	Continuously				3.0	266	154	950	140	133	45	2350
			120							3.0	266			140	133		2700
			150							4.0	276			140	133		3680
PC Y-K120	1200	350	90				≤4.5	0.1-50	Continuously	4.0	290	173	970	160	151	51	3250
			120							4.0	290			160	151		4100
			150							5.5	290			160	151		5150
PC Y-K140	1400	400	90	≤4.5	0.1-50	Continuously				4.0	322	198	118	190	175	51	4800
			120							5.5	322			190	175		5620
			150							5.5	334			190	175		7450

(For Reference Only)

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