

MAGNETIC SEPARATOR

Electromagnet Series



Mining
Application

FAKM

CV. ARMOYO KREASI MANDIRI

RCDB ELECTROMAGNETIC SEPARATOR



Round Series

Remove magnetic tramp metals (0.1 - 25 kg) from thicker materials bed and coal, for improving or purifying hard coke, ores, limestone, spall, corns and wooden shavings under bigger granularity

Main Technical Data

Duty-Cycle: TD-100%

Model	Erection Height (mm)	Belt Width (mm)	Overall Dimension (mm)		Voltage (V)	Power (KW)	Weight (kg)	Control Cabinet
			ΦA	H				
MC03-30T (RCDB-3)	100	300	300	600	DC-48	0.18	85	SSTM-0.5D-D
MC03-40L (RCDB-4)	120	400	400	700	DC-60	0.7	126	
MC03-50L (RCDB-5)	150	500	500	750	DC-110	1.13	236	SSTM-1.5D-D
MC03-70L (RCDB-7)	200	600	700	890		2.2	580	
MC03-80L (RCDB-8)	250	800	800	900		3.08	640	SSTM-3.1D-D
MC03-100L (RCDB-10)	300	1000	1100	1250	DC-220	5.65	1460	SSTM-4.2D-D
MC03-120L (RCDB-12)	350	1200	1300	1280		7.92	2241	SSTM-6.2D-D
MC03-140L (RCDB-14)	400	1400	1500	1390	DC-290	9.7	3480	SSTQ-9.3D-D
MC03-165L (RCDB-16)	450	1600	1650	1550		10.33	4506	SSTQ-12D-D
MC03-180L (RCDB-18)	500	1800	1800	1640		11.1	4882	

RCDY ELECTROMAGNETIC SEPARATOR



Rectangular Series

Remove magnetic tramp metals (0.1 - 25 kg) from thicker materials bed and coal, for improving or purifying hard coke, ores, limestone, spall, corns and wooden shavings under bigger granularity

Model	Suitable belt width (mm)	Standard erection height (h≤mm)	Material thickness (≤mm)	Magnetic field intensity(≥Gs)	Belt speed (≤m/s)	Weight (Kg)	Overall dimension drawing(mm)		
							L	D	H
RCYB-4	400	130	80	630	2.5-4.5	115	400	300	210
RCYB-5	500	150	100	630		180	500	400	230
RCYB-6	600/650	180	130	630		300	600	500	250
RCYB-6.5	650	200	150	650		450	650	600	250
RCYB-8	800	250	200	70		580	800	700	250
RCYB-10	1000	300	250	70		880	1000	800	250
RCYB-12	1200	350	300	70		1100	1200	1000	270
RCYB-14	1400	400	350	70		1700	1400	1300	270
RCYB-16	1600	450	400	70		2200	1600	1500	270

RCDD ELECTROMAGNETIC SEPARATOR



Belt Series

RCDD series is self-unloading type magnet separator in long-term system. It is added platform, iron removing belt and etc, which is suspended over the belt conveyer. Through the conveyance of the iron unloading belt, the separator will auto discard the iron magnetic articles which are absorbed by the magnet into the iron collecting box. Thus removing the iron magnetic articles is gained. Which is the one of the most common used types of separator

Main Technical Data:

Duty-Cycle: TD-100%

International Standard model	Standard Erection T(mm)	width of Conveyer belt(mm)	Rated voltage(v)	Coldstate Consumption Power(kw)	Weight(kg)	Overall dimension (mm)						Driving Motor capacity(kw)	Corollary control panel
						A	B	C	D	E	F		
RCDD-5	160	500	110	1.03	1074	2300	1330	1100	914	500	520	1.5	SSTM-
RCDD-6	170	600	110	1.4	1160	2400	1400	1150	1068	650	520	1.5	1.5D1-D
RCDD-7	250	700	110	2.6	1470	2750	1600	1360	1270	800	580	2.2	SSTM-
RCDD-8	250	800	110	2.9	2000	2750	1770	1465	1480	900	625	2.2	3.1D1-D
RCDD-10	260	1000	110	2.9	2000	2900	1770	1465	1480	900	625	2.2	SSTM6.2D1-D
RCDD-12	310	1200	220	4.2	2700	3200	2000	1590	1680	1000	625	4	D
RCDD-16	410	1600	220	8.9	6020	3800	2620	1850	1990	1400	725	4	SSTQ-9.3D-D
RCDD-22	550	2200	220	25	15500	4600	3400	2250	3000	2000	850	5.5	SSTQ-25D-D



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