

Over Band Magnetic Separator for Conveyor

Over-Band Magnetic Separator (OBMS) designed with strong and stable magnetic strength that is used for separation of **ferrous metals** from belt conveyed products. The advanced design and construction make it ideal for use in **recycling, shredding, mining, wood chipping, and demolition applications.**

Features:

1. Deep reaching magnetic circuit designed to penetrate heavy product burdens.
2. Strong magnetic field intensity, high gradient and strong attractive force.
3. Self Cleaning Belt with discharge ribs.
4. Specially sealed bearing blocks to ensure stable working in harsh environments.
5. No electric power required to generate magnetic force.
6. Easy belt adjustment with screw fasteners.
7. Magnetic force will not decrease more than 5% within 10 years.

Optional:

1. Electric Driven Motor/Hydraulic Driven Motor
2. Stainless Steel Protection Housing Cover for Belt
3. Stainless Steel Armed Belt



RAD-QJRCY-L Model (Ferrite Magnet System)

Magnetic Force at Suspended Height 500 Gauss

Type	Belt Width (mm)	Belt Speed (m/s)	Suspended Height (mm)	Absorb Capacity (Kg)	Working Mode	Motor Output (kw)	Weight (kg)	Dimensions(mm)		
								L	W	H
RAD-QJRCY-L-50	500	< 4.5	150	0.1-35	Continuous	1.1	620	1640	903	340
RAD-QJRCY-L-65	650		200			1.5	820	1848	1085	370
RAD-QJRCY-L-80	800		250			2.2	950	2120	1320	370
RAD-QJRCY-L-100	1000		300			3.0	1750	2380	1530	420
RAD-QJRCY-L-120	1200		350			4.0	2100	2890	1713	470

RAD- QJRCY-L-T1 Model (Rare Earth Magnet System)

Magnetic Force at Suspended Height 700 Gauss

Type	Belt Width (mm)	Belt Speed (m/s)	Suspended Height (mm)	Absorb Capacity (Kg)	Working Mode	Motor Output (kw)	Weight (kg)	Dimensions(mm)		
								L	W	H
RAD-QJRCY-L-50T1	500	< 4.5	150	0.1-35	Continuous	1.1	670	1640	903	340
RAD-QJRCY-L-65T1	650		200			1.5	880	1930	1053	370
RAD-QJRCY-L-80T1	800		250			2.2	1030	2120	1320	370
RAD-QJRCY-L-100T1	1000		300			3.0	1900	2380	1530	420
RAD-QJRCY-L-120T1	1200		350			4.0	2250	2890	1713	470

RAD- QJRCY-L-T2 Model (Rare Earth Magnet System)

Magnetic Force at Suspended Height 900 Gauss

Type	Belt Width (mm)	Belt Speed (m/s)	Suspended Height (mm)	Absorb Capacity (Kg)	Working Mode	Motor Output (kw)	Weight (kg)	Dimensions(mm)		
								L	W	H
RAD-QJRCY-L-50T2	500	< 4.5	150	0.1-35	Continuous	1.1	800	1640	903	340
RAD-QJRCY-L-65T2	650		200			1.5	910	1930	1053	370
RAD-QJRCY-L-80T2	800		250			2.2	1080	2120	1320	370
RAD-QJRCY-L-100T2	1000		300			3.0	1920	2380	1530	420
RAD-QJRCY-L-120T2	1200		350			4.0	2320	2890	1713	470