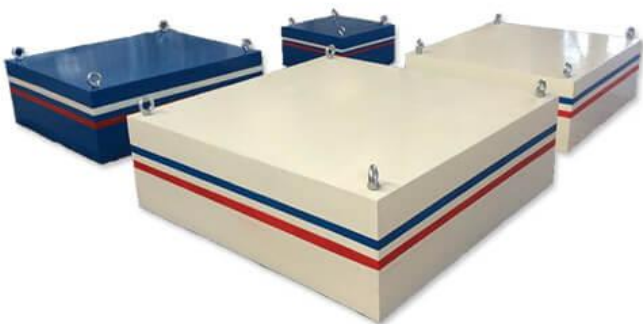


OVERBAND PERMANENT MAGNETS

SUSPENDED MAGNETS

CROSS BELT MAGNET



GTEK SUSPENSION MAGNET

Suspension Magnets aka Suspended Magnetic Separator are usually suspended above the conveyor belt to remove metal impurities in the product stream.

Features:

- Using high quality NdFeB magnets for magnetic source;
- Easy installation and use;
- No electric energy;
- Customizable dimension for different size of conveyor belt



Specifications of our in-stock permanent suspension magnets:

Model	Adapted width of belt (mm)	Material Thickness (≤mm)	Rated Lifting Height (≤mm)	Magnetic Intensity (MT)	Suitable Belt Speed	Dimension L*W*H (mm)	Weight (kg)
RCYB-4	400	80	130	45	≤2.5m/s	400*300*240	80
RCYB-5	500	100	150	50		500*400*240	125
RCYB-6.5	650	150	200	70/90/120/150 Optional		650*400*240	200
RCYB-8	800	200	250			800*400*420	300
RCYB-10	1000	250	300			1000*600*420	500
RCYB-12	1200	300	350			1200*800*420	800

Optional Manual Unloading Device

Added iron unloading devices to drive the scrapers on the chain by hand to scrape the ferromagnetic substances adsorbed on the suspension magnet, thus eliminating the trouble of manually cleaning the iron block.



GTEK CROSS BELT MAGNETS

We designed and manufactured cross belt magnets to provide industries with a reliable and extremely effective means of metal extraction.

RCYD Permanent Cross Belt Magnet:

Cross belt magnetic separator is suitable for all belt conveyors, vibrating feeders and chutes, where there is a lot of iron or a high degree of automation.



Features:

- Using high-performance NdFeB as the magnetic source, high magnetic energy product, and the demagnetization won't exceed 5% in eight years;
- The belt can unload iron automatically to ensure long-term trouble-free operation;
- With automatic correction function, fully sealed bearing seat, good sealing, can adapt to various harsh environments.

Specifications:

Model	Adapted width of belt (mm)	Material Thickness (≤mm)	Rated Lifting Height (≤mm)	Magnetic Intensity (MT)	Power (kW)	Suitable Belt Speed	Dimension L*W*H (mm)	Weight (kg)
RCYD-5	500	80	150	63	1.5	≤2.5m/s	1650*835*940	580
RCYD-6	600	125	200				1700*935*940	700
RCYD-6.5	650	150	200	70/90/120/150 Optional	2.2		1750*985*940	700
RCYD-8	800	200	250		3		1900*1140*960	820
RCYD-10	1000	250	300		4		2140*1350*1010	1220
RCYD-12	1200	300	350		5.5		2340*1550*1060	1420
RCYD-14	1400	350	400		7.5		2540*1750*1060	1730
RCYD-16	1600	400	450				3040*1550*860	2140

RCYQ Light Permanent Cross Belt Magnet:

GTEK RCYQ light-weight permanent cross belt magnet is based on the RCYD Series to improve the motor installation method, using a helical gear worm gear reducer, making the machine more portable, beautiful, more flexible operation.



Features:

- The overall size is smaller, the length and height are 70% and 50% of the RCYD permanent cross belt magnet respectively, lower noise, and light weight;
- Compact structure, few components, easy for suspending, easy to maintain, economical and useful.
- We can also provide customized service according to your special requirements.



Customized Length of RCYQ

Specifications:

Model	Adapted width of belt (mm)	Suitable Belt Speed	Material Thickness (≤mm)	Rated Lifting Height (≤mm)	Magnetic Intensity (MT)	Power (kW)	Dimension (mm)	Weight (kg)
							L*W*H	
RCYQ-5	500	≤2.5m/s	80	150	50	0.75	1340*850*600	450
RCYQ-6/6.5	600/650		125/150	200	50	1.5	1490*1000*600	600
RCYQ-8	800		200	250	60	2.2	1640*1200*600	720
RCYQ-10	1000		250	300	60	3	1840*1470*600	850
RCYQ-12	1200		300	350	60	4	2040*1670*600	1200
RCYQ-14	1400		350	400	60	4	2240*1870*600	1530
RCYQ-16	1600		400	450	60	5.5	2750*1980*1050	1850

RCYK Armoured Permanent Cross Belt Magnet:

RCYK armored self-unloading permanent cross belt magnet is based on RCYD Seires and improves the iron unloading belt. It adopts stainless steel anti-corrosion armored belt to effectively prevent the wear and rot of the belt.



Features:

- The unique armored belt design can effectively prevent the damage of sharp ferromagnetic debris on the belt, and the operation is economical;
- Using the rare-earth NdFeB permanent magnetic material as a magnetic source, stable and reliable magnetic properties;
- The belt has the function of automatic deviation correction, and the special sealed bearing seat is adapted to work under harsh environmental conditions.

Specifications:

Model	Adapted width of belt (mm)	Material Thickness (≤mm)	Rated Lifting Height (≤mm)	Magnetic Intensity (MT)	Power (kW)	Suitable Belt Speed	Dimension L*W*H (mm)	Weight (kg)
RCYK-5	500	80	150	70/90/120/150 Optional	1.5	≤4.5m/s	1650*835*940	630
RCYK-6	600	125	200				1700*935*940	760
RCYK-6.5	650	150	200				1750*985*940	760
RCYK-8	800	200	250		2.2		1900*1140*960	900
RCYK-10	1000	250	300		3		2140*1350*1010	1350
RCYK-12	1200	300	350		4		2340*1550*1060	1570
RCYK-14	1400	350	400		5.5		2540*1750*1060	1900
RCYK-16	1600	400	450		7.5		3040*1550*860	2320

GTEK MAGNET

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