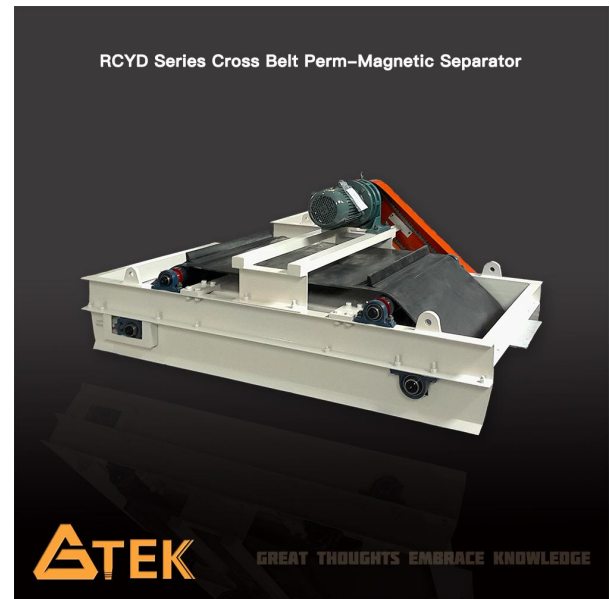


GTEK RCYD Cross Belt Magnetic Separator Brochure



Description

GTEK RCYD self-unloading cross belt magnetic separator is a suspended magnet with a continuously running belt and is designed for separation of ferrous metal from a variety of over-the-belt conveyor applications. GTEK designed and manufactured cross belt separators to provide industry with a reliable and extremely effective means of metal extraction. The cross belt magnet is manufactured with a powerful plate magnet, heavy duty steel frame, vulcanized rubber cleated belt, a motor and reducer. The magnet may be suspended either cross belt (perpendicular to the product flow) or inline (parallel above the product flow).

Application

GTEK Cross belt magnetic separators are used across many industries for extraction of tramp metal including including coal processing, aggregate recycling, crushing and shredding applications, concrete and asphalt recycling, scrap yard recycling, slag processing, tire recycling and wood processing.

Features & Benefits

1. Rare Earth magnetic material used, creating a permanent magnet with maximum field depth for the size and application required;
2. No power needed to run the magnetic field;
3. Belt options available (armoured for sharp contamination);
4. Good for heavy contaminated products;
5. Different magnetic strengths for difference suspension heights to fit your applications;
6. Sizes to fit for any belt width;
7. Special requirements can be custom built.

GTEK Cross Belt Magnetic Separator Brochure

Technical Specification

Model	Adaptive belt width (mm)	Suspension height (mm)	Material thickness (\leq mm)	Magnetic field intensity (\geq mT)	Driving Power (\leq kw)	Adaptive belt speed (m/s)	Weight (kg)	Dimension (mm)		
								L	W	H
RCYD-5	500	150	80	60	1.5	≤ 2.5	750	1600	820	850
RCYD-6	600	175	125	60	1.5		920	1700	920	850
RCYD-6.5	650	200	150	70	1.5		1200	1750	970	850
RCYD-8	800	250	200	70	2.2		1400	1900	1150	900
RCYD-10	1000	300	250	70	3.0		2120	2140	1350	950
RCYD-12	1200	350	300	70	4.0		3350	2340	1550	950
RCYD-14	1400	400	350	70	4.0		4450	2600	1750	950
RCYD-16	1600	450	400	70	5.5		6200	3420	1180	2210
RCYD-18	1800	500	450	72	5.5		8100	3580	1210	2450
RCYD-20	2000	550	500	72	7.5		9700	3800	1300	2700