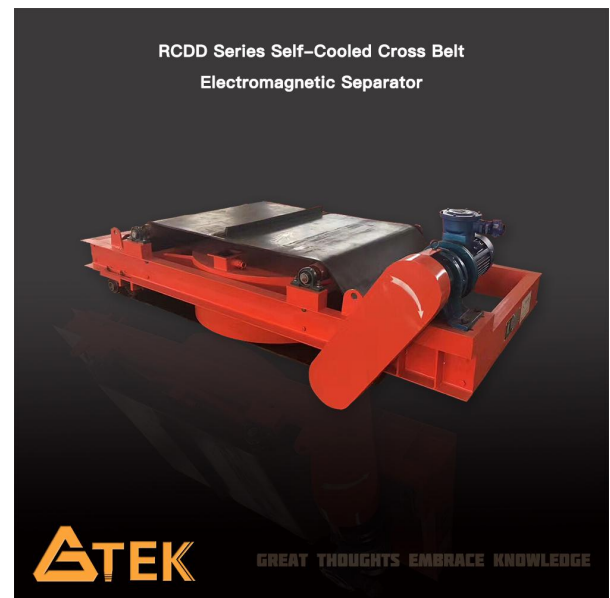


GTEK RCDD Cross Belt Electromagnetic Separator Brochure



Description

GTEK RCDD Series cross belt separator is a suspended electromagnet 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 electromagnet, 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. High intensity electromagnet used, creating a magnetic field with maximum depth for the size and application required;
2. Cooling way options available;
3. Good for heavy contaminated products;
4. Different electromagnetic strengths for different suspension heights to fit your applications;
5. Sizes to fit for any belt width;
6. Special requirements can be custom built.

GTEK

Cross Belt Magnetic Separator

Brochure

Technical Specification

Model	Adaptive belt width (mm)	Suspension height (mm)	Material thickness (≤mm)	Magnetic field intensity (≥mT)	Driving Power (≤kw)	Adaptive belt speed (m/s)	Weight (kg)	Size (mm)				
								A	B	C	D	E
RCDD-5	500	150	100	60	1.5	≤4.5	950	1980	920	750	708	1000
RCDD-6	600	175	130	60	1.5		1380	2140	1100	750	858	1200
RCDD-6.5	650	200	150	70	2.2		1490	2275	1100	820	888	1240
RCDD-8	800	250	200	70	2.2		1770	2520	1350	865	1088	1300
RCDD-10	1000	300	250	70	3.0		2380	2750	1635	940	1335	1500
RCDD-12	1200	350	300	70	4.0		3170	2950	1750	950	1518	1700
RCDD-14	1400	400	350	70	4.0		4800	3150	2050	950	1755	1900
RCDD-16	1600	450	400	70	5.5		6300	3750	2240	1180	1980	2050
RCDD-18	1800	500	450	70	7.5		8800	3950	2450	1290	2200	2200
RCDD-20	2000	550	500	70	7.5		11200	4350	2600	1350	2250	2300