

# GTEK Overband Magnet Brochure

## Description

GTEK suspended permanent magnets are positioned over moving conveyor belts in a chute for the purpose of removing ferrous contaminants from bulk products flows. It is designed to remove ferrous contamination from conveyed product on a conveyor belt or open chutes before they can cause damage to the downstream equipment.



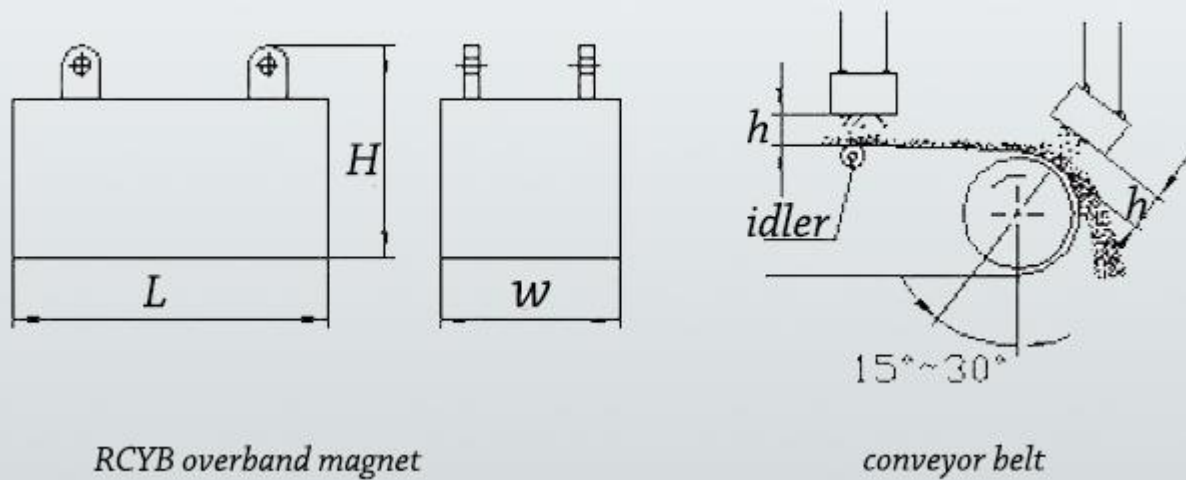
## Applications

For applications that require a magnet to operate up to 400mm above a conveyor, the GTEK permanent overband magnets are a cost effective solution that can be applied to a wide range of industries.

## Advantages

- No moving parts;
- No power supply required;
- Simple in and easy to use;
- Reliable in operation and free of maintenance;
- Rare earth magnet provide stronger, deeper and uniform magnetic field.

The position of the RCYB overband magnet/magnetic separator over the conveyor belt



## Technical Specification

Model	Adaptive belt width (mm)	Adaptive belt speed ( $\leq$ m/s)	Material thickness ( $\leq$ mm)	Suspension height (mm)	Magnetic field intensity ( $\geq$ mT)	Dimension (mm)			Weight (kg)
						L	W	H	
RCYB-4	400	2.5	80	130	45	400	300	210	115
RCYB-5	500		100	150	50	500	400	210	180
RCYB-6	600		130	180	60	600	500	210	300
RCYB-6.5	650		150	200	65	650	500	210	450
RCYB-8	800		200	250	70	800	600	210	680
RCYB-10	1000		250	300	70	1000	800	210	980
RCYB-12	1200		300	350	70	1200	1000	210	1300
RCYB-14	1400		350	400	70	1400	1300	210	2100
RCYB-16	1600		400	450	70	1600	1500	210	2580