

# PLATE TYPE MAGNETIC SEPARATOR

## Application

Permanent ferrite suspended magnets (block magnets) consume no energy, which is one of the factors that makes them so price effective. These magnets remove ferromagnetic (Fe) particles as small as 0.5 mm (depending on the layer thickness on the belt).

## Cleaning

Cleaning of the block magnet is performed manually (by wiping) or through use of an extractor plate (quick cleaning), by swinging the extractor plate away from the magnet; the Fe particles fall off of the extractor plate as soon as they are moved far enough away from the magnet.

## Placement

A suspension magnet is hung above a conveyor belt, by means of chains or cables. The addition of these magnets can considerably boost separation yield:

Model	Applicable belt width	Suspended height	Magnetic intensity	Dimension			Weight
	mm	mm	GS	L	W	H	kg
RCYP-4	400	125	≥700	870	753	350	280
RCYP-5	500	150		1020	903	430	345
RCYP-6	650	200		1170	1053	430	450
RCYP-8	800	250		1370	1256	430	660
RCYP-10	1000	300		1520	1405	510	1130

