

## Magnetic Head Pulley BR



### Slag • minerals • wood chips • glass • Sand • WEEE Shredder Residues Municipal Waste

**STEINERT Magnetic Head Pulleys** attract tramp iron from these bulk materials in the same space as the normal conveyor belt head pulley. This avoids extensive reconstruction of your plant. Magnetic Head Pulleys protect your valuable processing equipment from damage by tramp iron that drum or suspension magnets miss buried in the burden.

**STEINERT Magnetic pulleys** are usually operated after the extraction of larger iron parts by other methods. Magnetic pulleys with strong neodymium type magnets can reclaim small, low magnetic particles from the bulk materials.

The strong magnetic field attracts the ferrous elements contained in the material

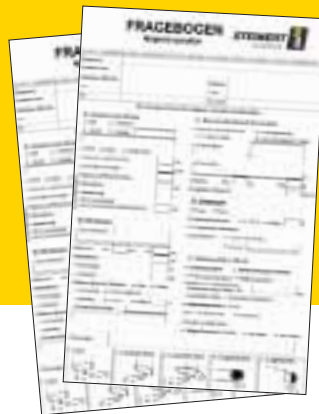
# Technology / models

stream and holds them to the conveyor belt while the non-ferrous bulk falls off. When the belt separates from the pulley on the return, the ferrous is pulled from the field into a separate pile. Our stronger magnets permit higher belt speed levels for your conveyors. Model BRP Q Axial Pole Systems allow excellent postcleaning of the ferrous and a constant field over the entire width. Improved performance



and efficiency at the pulley results in low tramp iron in your materials.

For special applications, extremely strong neodymium iron boron may be used to capture mildly magnetic stainless steel or minerals. Working widths from 300 mm to 2000 mm (12"-79") and diameters from 240 mm to 640 mm (9-1/2"-25") are available. Shaft and bearing specifications per your requirements.



Suspension Magnet



Magnet Head Pulley



Magnetic Drum



High Gradient Magnetic Separator



Eddy Current Separator



Colour Sorting System



Induction Sorting System



High Gradient Magnetic Filter

Interested?

Download our questionnaire!

Our R&D department is glad to conduct tests with your material.

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