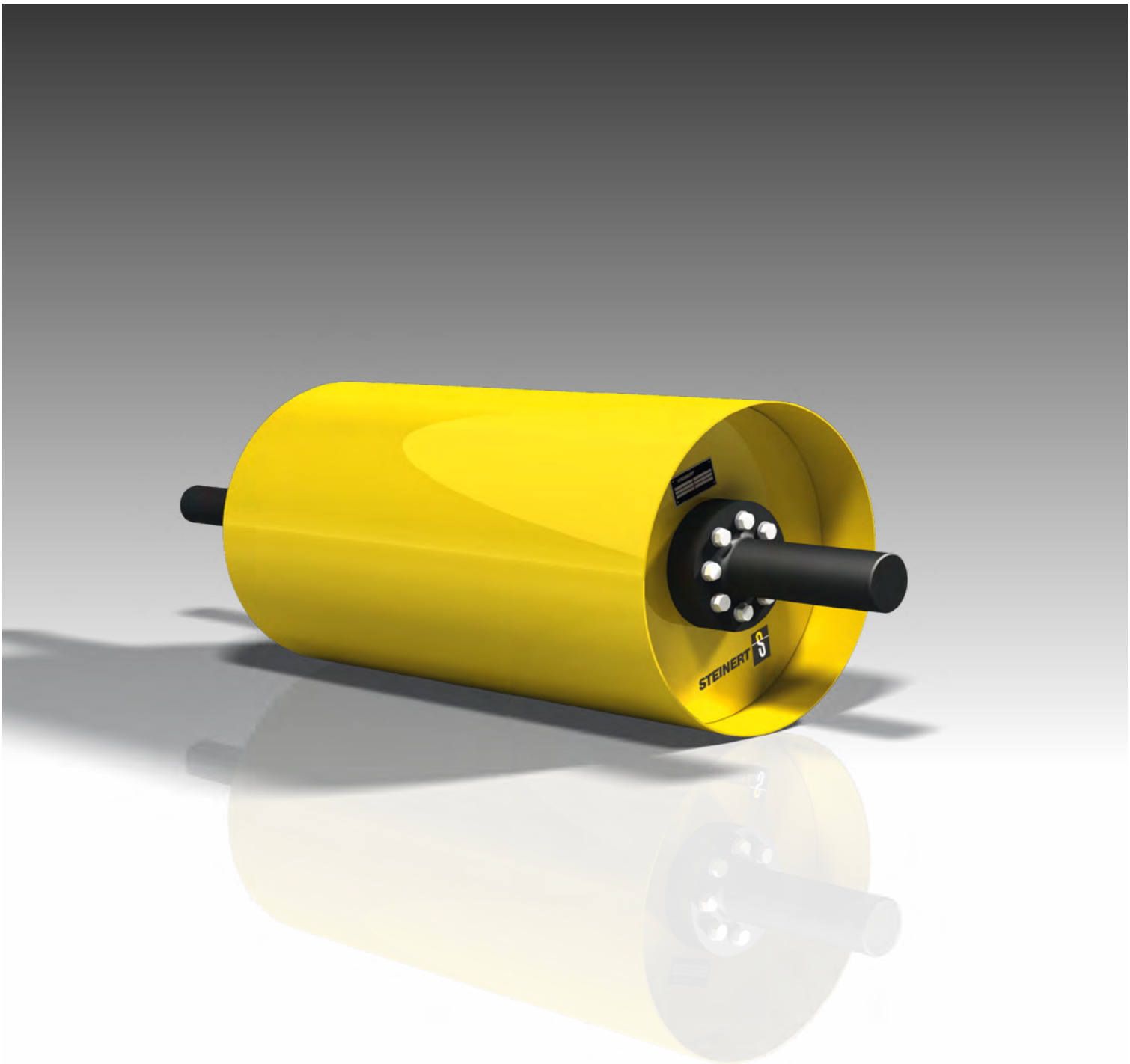
STEINERT



STEINERT BR

Magnetic Head Pulley

> Slag, minerals, scrap wood, glass, e-waste, foundry sand, shredder material, waste

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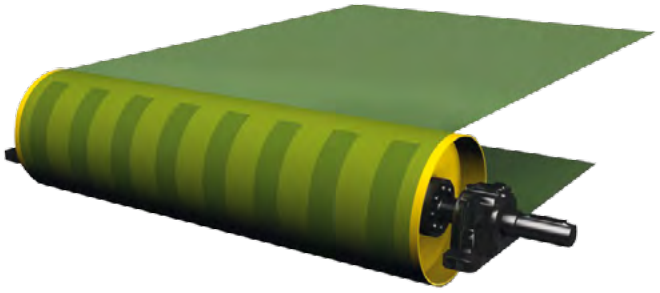
Magnetic Head Pulley

STEINERT magnetic head pulleys attract particularly small pieces of tramp iron from bulk materials. This is an easy and efficient method to add technology to a plant concept and therefore avoiding the need to make extensive modifications to 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.

Applications

- slag
- scrap wood
- e-waste
- shredder material
- minerals
- glass
- foundry sand
- waste

For special applications, extremely strong neodymium iron boron is 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 (9.5”-25”) are available. Shaft and bearing specifications per your requirements.



Magnetic head pulleys protect your valuable processing equipment from wear and damage and recover, especially fine-grained iron. Magnetic pulleys with strong neodymiumpermanent magnets can reclaim small, weak, magnetic and extremely small particles from the material being conveyed.

Technology

The circular rotating magnet system firmly holds the magnetic pieces contained in the bulk material on the conveyor belt and transports them to the bottom side of the pulley, where they are pulled off from the magnetic area into a separate pile. The axial pole design facilitates easy post-cleaning and ensures a constant field over the entire working width, while the radial pole system yields a particularly high iron recovery rate.

STEINERT magnetic head 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 stream and holds them to the conveyor belt while the non-ferrous bulk falls off. Our stronger magnets permit higher belt speed levels for your conveyors.

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