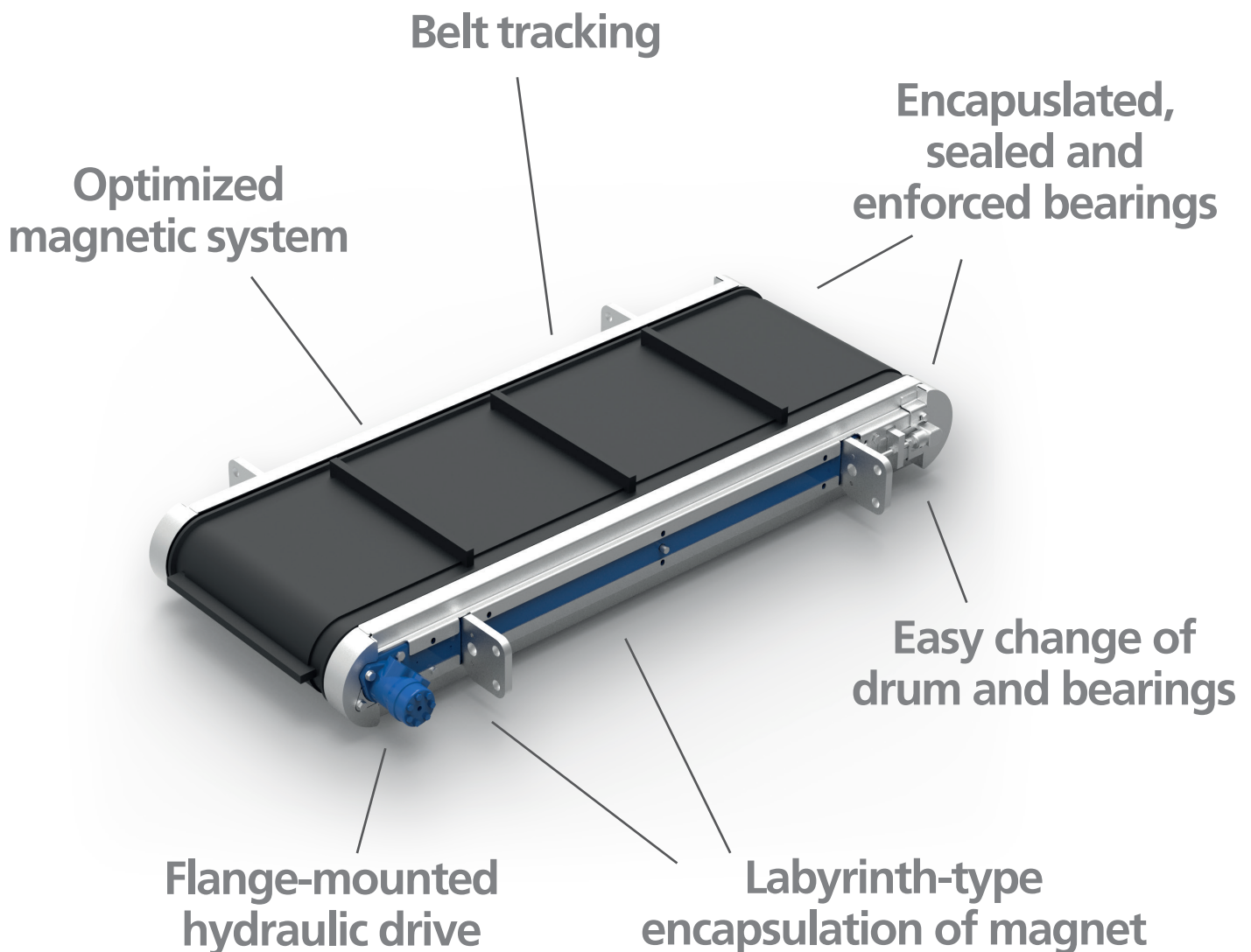


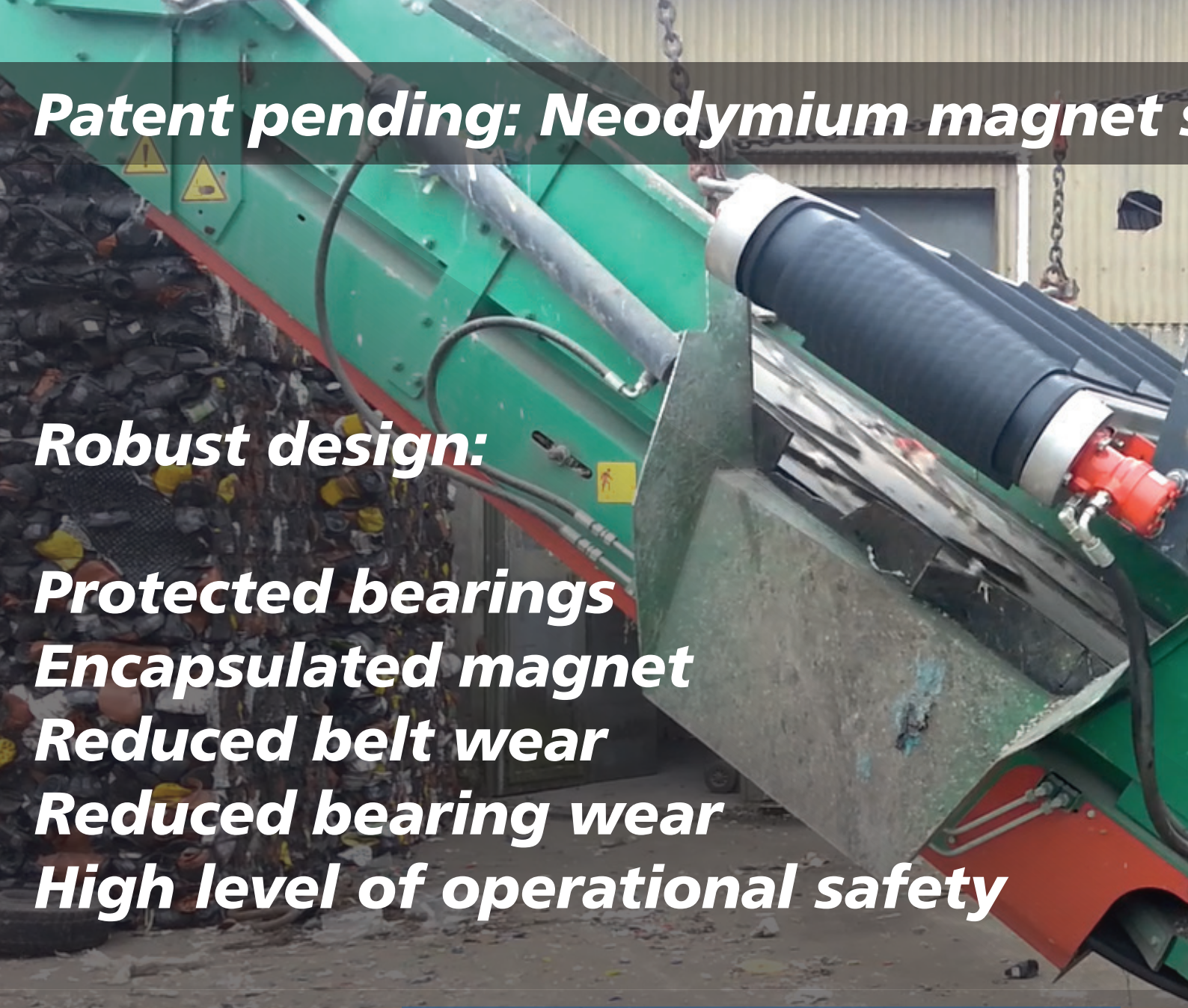


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Magnet Separator 0453N

New: Exact belt tracking
Patent pending





Patent pending: Neodymium magnet s

Robust design:

Protected bearings

Encapsulated magnet

Reduced belt wear

Reduced bearing wear

High level of operational safety

Our design:

Technical data:

Rare earth magnetic system

Drive options:

Hydraulic drive (Danfoss)

Bevel geared drive

Belt speed 1,5 m/s

Working width:

400 / 600 / 750 mm

The 0453N series incorporates a new system for exact tracking of the discharge belt. Tensioning forces are reduced and that will result in much less bearing wear in comparison to conventional rare earth overbelt magnet separators.

There is a new belt tension indicator which shows the correct belt tensioning forces. The beam ends are detachable. They allow quick and easy change of the return roller.

The bearings of the return roller are reinforced, specially sealed and mounted inside the drum. Thus they are very well protected. Greasing can easily be done at external lubrication points.

separator 0453N with belt tracking



Your advantages:

- ☑ Long service life
- ☑ Low cost of ownership
- ☑ One-sided suspension possible
- ☑ Low machine weight
- ☑ Strong magnetic forces
- ☑ Easy bearing change
- ☑ Easy change of retrain roller
- ☑ Wagner Magnete quality
- ☑ Made in Germany

Typical applications:

- mobile shredders
- mobile impactor mills
- mobile crushers
- Wood recycling
- Bulky waste recycling
- MSW recycling

Rare Earth Magnet Separator 0453N

Optimized Magnetic System

The proven concept of a non-magnetic frame construction made of laser-cut stainless steel together with a high-performance neodymium magnetic system allow the realization of lightweight and extra strong magnet separators for heavy duty applications.

We use magnetic material with the currently highest available energy density. Weight reduction will be up to 60% in comparison to conventional devices with comparable magnetic capacity.

The field depth was further improved compared to the 0452N series. The attraction forces direct on the belt surface concurrently had been reduced. The 0453N series incorporates additional discharge zones which expand the magnetic system.

The magnetic field shows full effectiveness at the bottom side of the magnet without disturbing stray flux. This enables significant reduction of disturbing deposits at the frame so that cleaning is easy.

The magnetic system is fully encapsulated. The labyrinth-type sealing of the belt tracking design protects the magnetic surface from harmful iron particles.



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Wagner Magnete Spann- und Umwelttechnik GmbH & Co. KG
Obere Straße 15
D-87751 Heimertingen
Telephone: (08335) 980-0
Telefax: (08335) 980-270
www.wagner-magnete.de