TM
Drum magnet system

- For non-free-flowing bulk material applications
- Continous operation
- Self-cleaning
- High throughput capacity

- Strong magnetic performance
- Sturdy design
- Easy integration
- Optimal separation
- Neodymium version
- Customer-specific shaft design

Sesotec GmbH
Regener Straße 130
D-94513 Schönberg
Germany
Tel: +49 8554 308-0
Fax: +49 8554 2606
info@sesotec.com
www.sesotec.com

drum-separator-pr-en-0415-v3.0

Performance characteristics:

The drum shell is made of high-quality wear resistant stainless steel. The fixed shaft end is used for positioning the magnetic field.
At the rotating shaft end the drum is driven by a gear motor (option). Bearings are included in the delivery.

Function:

Applying efficient neodymium magnet with a remanence of 1 200 mT (12 000 gauss) ferromagnetic particles are reliably separated,which reduces the risk of expensive repairs and plant downtimes. The rotating drum shell is equipped with cleats that continuously strip off all the magnetic contaminants from the system. The rotary motion of the drum shell transports these ferrous materials out of the magnet range where they fall off via a diverter shield (see function sketch).

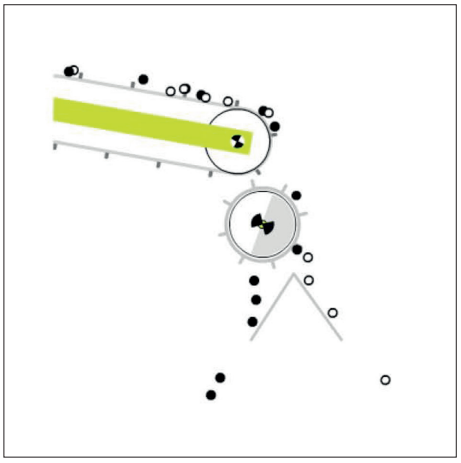
Typical fields of application:

- Inspection of bulk material (also non-free-flowing)
- Iron preseparation of coarse contaminants (system protection)
- Separation at high throughputs or high level of contaminants

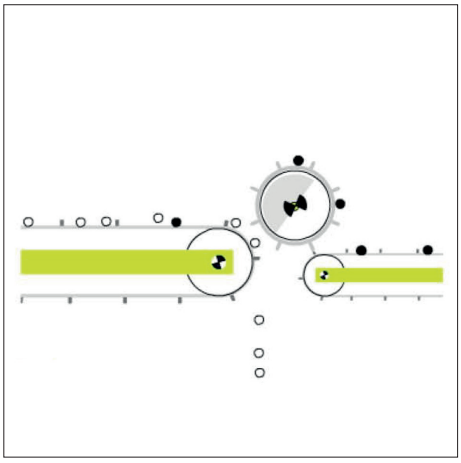
Main components:

- Neodymium version
- Static magnetic field covering 180°
- Separation unit: Continuous contaminant removal by the rotating drum shell
- Electric motor (option)

ATEX Ex on request



Function sketch: Separation via a diverter shield



Function sketch: Separation via another conveyor belt

For detailed information please request our technical data sheet, or contact our experienced Sesotec sales consultants - by telephone or at your place.