

MAGNET DRUM

Two-stage magnetic drum separation for sorting
of strong and weak magnetic particles

BLUELINE®
MAGNET DRUM

Corrugated edge belt with cleats

- ▷ Secure bulk material transport at 35° belt inclination

All conveying technology on board

- ▷ External belt conveyors available in two different lengths that can be used universally within the BLUELINE system
- ▷ High-efficiency drum motors – low-maintenance, durable and reliable!
- ▷ Suction hoods to reduce dust emissions available as an option

Magnetic drum separator

- ▷ Working width 1,000 mm
- ▷ Automated splitter: Reproducible positioning possible by pushing a button
- ▷ Magnet position optionally active/inactive
- ▷ Selection of the magnet system at the customer's request
- ▷ Magnetic system with 160 mT on the drum surface for strong magnetic feed material such as iron and steel
- ▷ Magnetic systems with 600, 825 or 1000 mT on the drum surface for low-magnetic feed material such as stainless steel

Quick-coupling system

- ▷ Tool-free installation of the external belt conveyors thanks to folding arms with snap locking

Variable material discharge

- ▷ Optimised system layout thanks to free selection of discharge side
- ▷ Integrated belt scraper prevents caking

Vibrating feeder with electromagnetic drive

- ▷ Optimal homogenisation and dosing of the feed material thanks to use of a barrier strip

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The MAGNET DRUM consists of a two-stage magnetic drum separation to separate magnetic particles from a material stream. As the strengths of the two magnetic drums are selectable and can be activated or deactivated as needed, this module is very flexible and can always be adapted to the specification of the input material.

The double magnetic separation enables higher levels of purity with constant throughput. Since our magnetic drums are extremely robust, you minimize downtimes and your processing can achieve maximum added value.

