FEED VIBRO

Feeding station with dosing unit
and integrated drum magnetic separator

BLUELINE®
FEED VIBRO

Low intensity magnetic drum separator

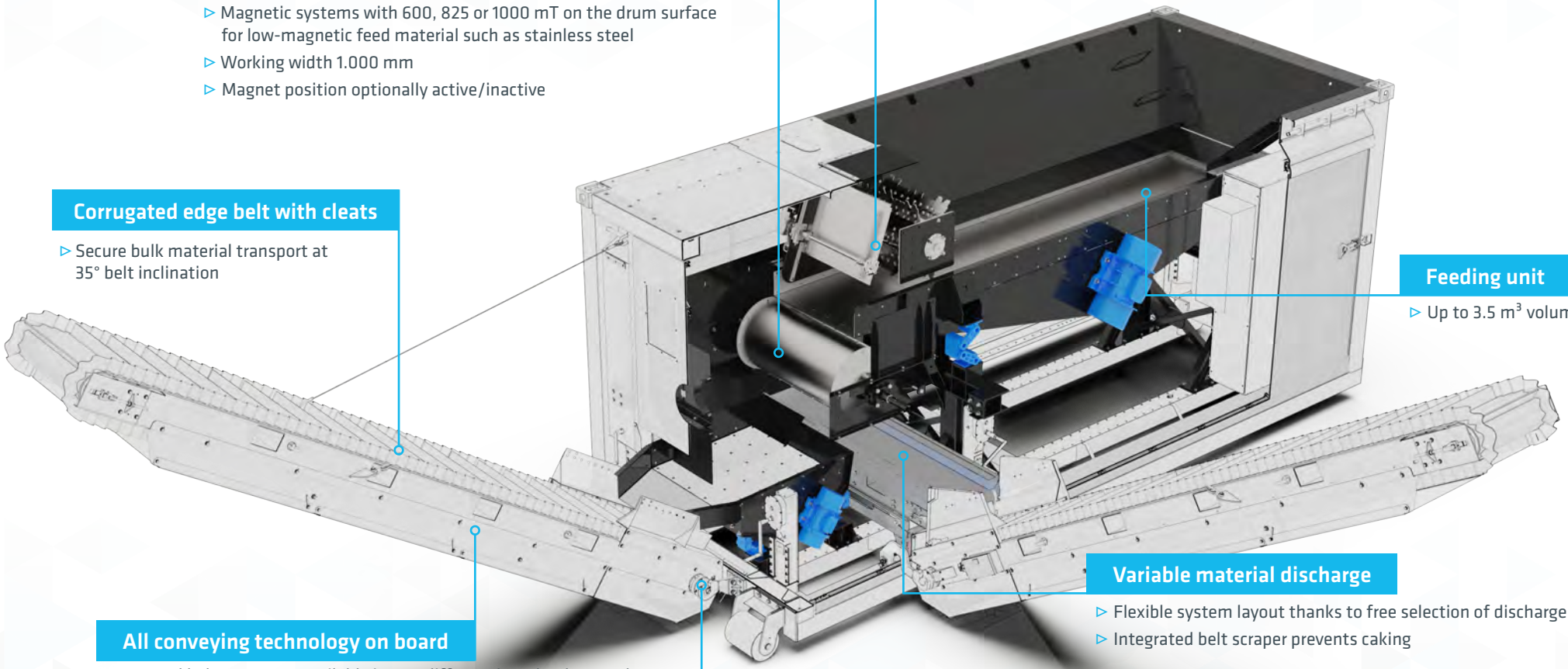
- Magnetic system with 160 mT on the drum surface for strong magnetic feed material such as iron and steel
- Magnetic systems with 600, 825 or 1000 mT on the drum surface for low-magnetic feed material such as stainless steel
- Working width 1.000 mm
- Magnet position optionally active/inactive

Two-stage dosing unit

- Automated dosing and loosening of the feed material by a combination of dosing slide and equalizing drum

Corrugated edge belt with cleats

- Secure bulk material transport at 35° belt inclination



Feeding unit

- Up to 3.5 m^3 volume

Variable material discharge

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

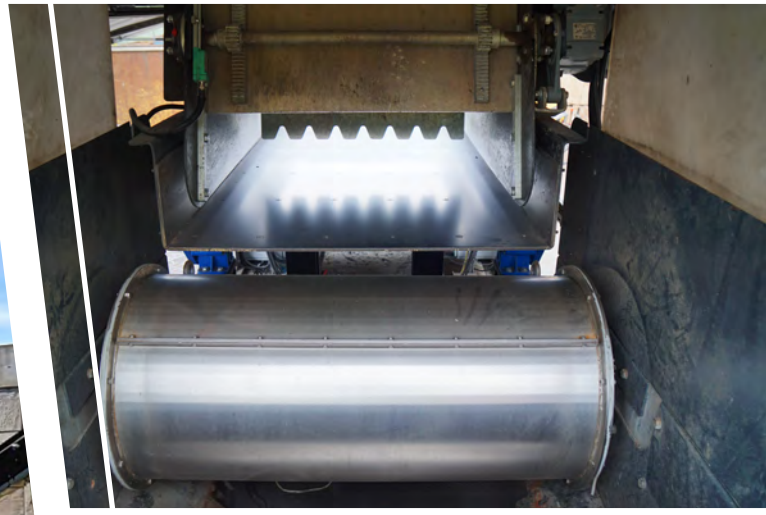
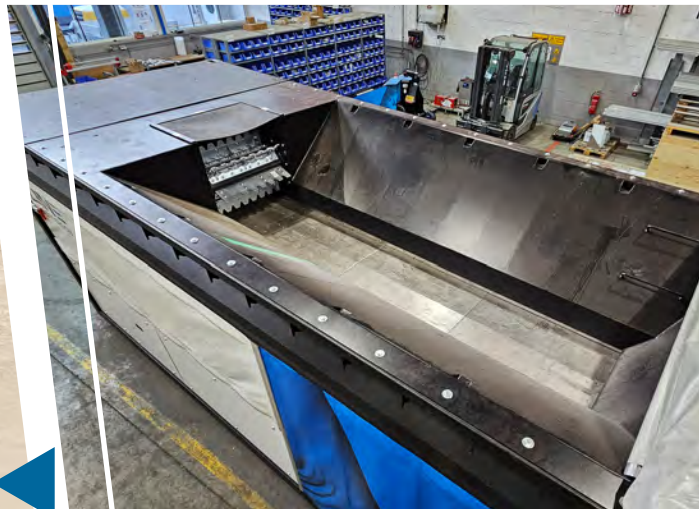
All conveying technology on board

- 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

Quick-coupling system

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

FEED VIBRO

The combination of hopper feeder and magnetic separator offers an extremely versatile and efficient solution for dosing and processing a wide variety of input materials. Our FEED VIBRO module includes a combination of a hopper feeder, equalizing drum and a dosing slide, which ensures a reliable and constant supply of material.

Thanks to the integrated magnetic drum separator with selectable strength, magnetic particles can be sorted efficiently, enabling the creation of high-purity products. If pure dosing without magnetic separation is desired, the magnetic system can be switched inactive.