

SENSOR UNCOVER

Sensor-based sorter with X-ray transmission and optional color camera system.

BLU[®]LINE
SENSOR UNCOVER

Acceleration belt

- ▷ High throughput thanks to belt speeds of up to 3 m/s and a belt width of 1 m
- ▷ Belt scraper for cleaning of the belt surface

XRT-Unit

- ▷ Particle detection based on X-ray transmission
- ▷ Sorting based on the separating property of density at a particle size of 8 mm or higher
- ▷ Full X-ray protection provided by a lead shielding

Colour camera system

- ▷ Optical particle detection based on colour and shape (only SENSOR IDENTIFY+)

Blower unit

- ▷ Safe discharge of particles using a nozzle bar and automatic pressure control

All conveying technology on board

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

Vibrating feeder with unbalanced drive

- ▷ Optimal homogenisation of the feed material

Compressed air preparation

- ▷ Compressed air chamber for covering air peaks
- ▷ System is independent of the provided compressed air quality

Variable material discharge

- ▷ Compressed air chamber for covering air peaks
- ▷ System is independent of the provided compressed air quality

Quick-coupling system

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

