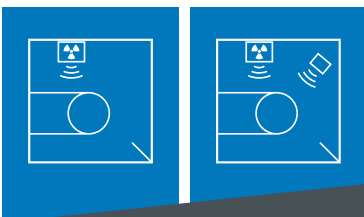


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binder+co

BLU \bar{E} LINE[®]
SENSOR UNCOVER(+)



SENSOR UNCOVER(+)

Sensor-based sorter with X-ray transmission (and colour camera) system

SENSOR UNCOVER / UNCOVER+

powered by
binder+co

BLUELINE[®]
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

Colour camera system

Optical particle detection based on colour and shape
(only SENSOR UNCOVER+)

Blower unit

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

XRT unit

- Particle detection based on X-ray transmission
- Sorting based on the separating property of density at a particle size of 5 mm or higher
- Full X-ray protection provided by lead shielding

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

Vibrating feeder with electromagnetic 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

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

Quick-coupling system

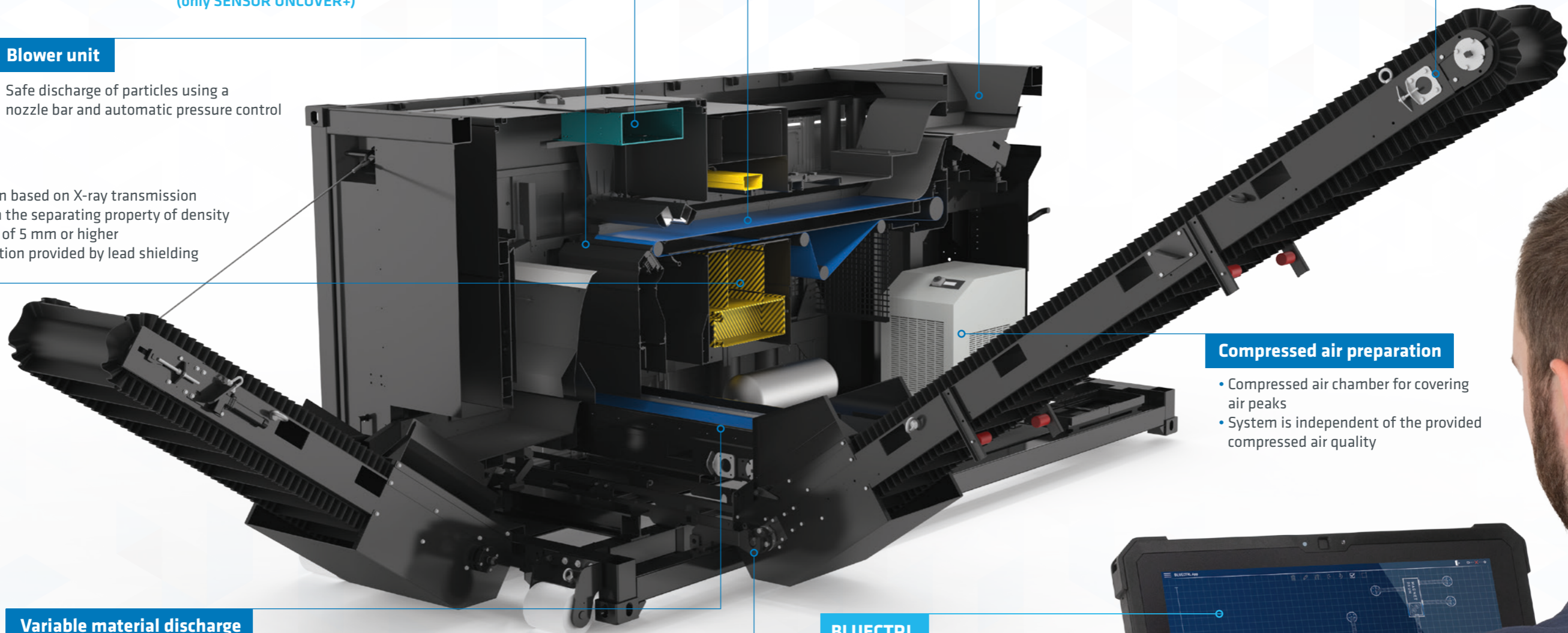
Tool-free installation of the external belt conveyors thanks to folding arms with snap locking

BLUECTRL

- Wireless, decentralised, IT-based control and process control using a tablet (BLUE PANEL)
- All-in-one solution for all BLUELINE system configurations

Total mass	10,300 kg
Dimensions*	6,050 x 2,450 x 2,700 mm
Highest sound pressure level**	71.4 dB(A)
Connected load	3N ~ 400 V / 63 A / 50 Hz

* Without conveying technology and attachments
** 1 m distance from the module surface, empty operating state, without material



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