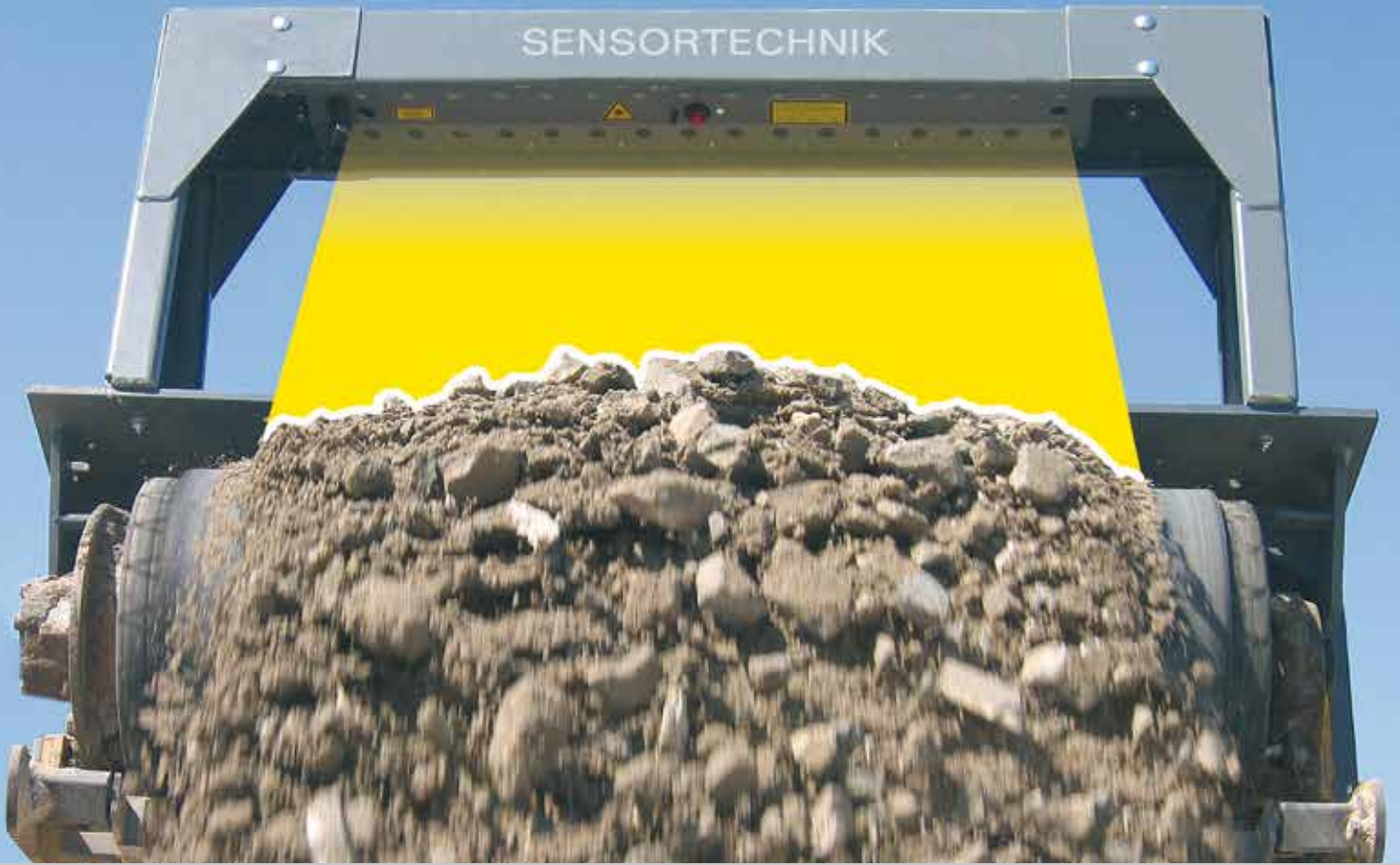


SENSORTECHNIK



OPTICAL BELT SCALE

The electro-optical volumetric measurement system for discharge conveyors measures the volume of material on conveyor belts and transmits these measurements to the designated mobile phone via Bluetooth.



The calibration of the system is a single operation and only takes a few seconds to perform after installation.



The Sensor

- operates without any contact to the material and therefore has no wear
- is insensitive against dust and vibrations
- measurement is possible at any conveyor gradient, even if the machine or conveyor moves during operation

The belt speed is measured by using an inductive switch mounted on the drive drum.



Automatic measurement and data storage for up to 1 year.

Indication lamp mounted on the sensor flashes when in operation.

Wireless data transmission via bluetooth.



FEATURES MOBILE PHONE

- Wireless data transmission via Bluetooth
- Android-App SensorManager with data management function
 - client - date/time
 - material - print option
 - send measurements via E-Mail
- Connection to PC via USB cable
- IP67 certified: 30 min. waterproof up to 1m
- Impervious to dust
- Impact-resistant
- Military Standard 810G
- Drop resistant up to 1,8m
- Category 4 Vibration
- 4" Capacitive Multi-touch Display
- Scratch resistant Corning® Gorilla™ Glass
- Wet finger tracking
- 5MP Camera with LED Flash and HD video
- Bluetooth Version 4.0
- GPS
- Mobile Thermal Printer

PRINTER
Printing via Bluetooth

MOBILE PHONE
Waterproof
Impact-resistant

