Reliable

Reliable monitoring of belt loading

Cost effective

Optimal equipment operation

User friendly

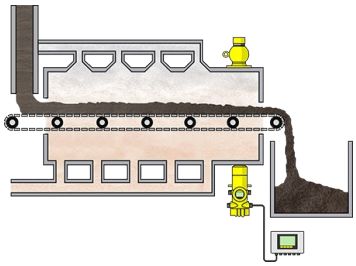
Simple external installation

Sludge drying

Measurement of belt loading and mass flow in a thermal sludge drying facility

Through drying, the weight and volume of the sludge is further reduced. In the thermal drying unit, which is equipped with a belt drier and a hot (+80 to +130 °C) air stream, water is removed from the sludge through evaporation. The continuous monitoring of belt loading is done by means of radiometric, i.e. radiation-based, measurement - this technique allows optimal, cost-effective dryer control.

More details



MiniTrac 31

Continuous monitoring of belt charging

- Non-contact measurement of the sludge level in the dryer
- Simple retrofitting during operation
- Optimal, cost-effective dryer control

Show Product

VEGAMET 861

Controller for powering the sensor, processing and displaying the measured values

- Clear, easy-to-read, user programmable display
- Robust housing designed for the harsh conditions in the field
- Universal controller for water and wastewater applications

Show Product

PRO

MiniTrac 31 Show Product

Measuring range - Distance -
Process temperature -40 ... 60 °C
Process pressure -
Accuracy 0.1 %
Materials, wetted parts No wetted material
Seal material no media contact
Housing material Aluminium Stainless steel (precision casting)
Protection rating IP66/IP67
Output Profibus PA Foundation Fieldbus Four-wire: 4 … 20 mA/HART
Ambient temperature -40 ... 60 °C

VEGAMET 861 Show Product

Protection rating IP66/IP67, Type 4X
Input 1 x 4 … 20 mA/HART sensor input 2x digital input
Output 1 x 0/4 … 20 mA current output 1x failure relay (instead of operating relay) 4x operating relay
Ambient temperature -40 ... 60 °C
Measured value memory Internally SD card