



Reliable

Reliable monitoring of belt loading

Cost effective

Optimal equipment operation

User friendly

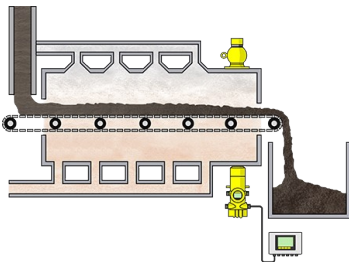
Simple external installation

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

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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

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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

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