**Reliable**

Reliable monitoring of belt loading

**Cost effective**

Optimal equipment operation

**User friendly**

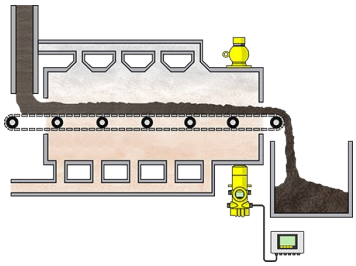
Simple external installation

# 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**

### VEGASOURCE 31

Source holder with locking mechanism

- Reliable shielding allows use without control area
- Small footprint and easy installation
- Operational reliability through pneumatic on and off switching

**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

## VEGASOURCE 31

Show Product

**Ambient temperature**
-20 ... 80 °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