Incinerator feed chute

Reliable

Reliable detection of the minimum level protects against false air in the combustion chamber

Cost effective

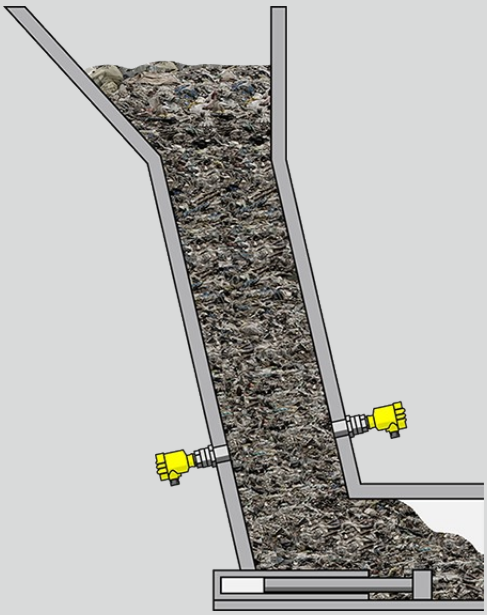
Continuous supply of waste material ensures uniform combustion

User friendly

Crane driver receives accurate indication of the filling height

Detection of the level in the feed chute

After the crane system lifts the waste from the waste bunker and drops it to the feed chute, in the lower part of the chute, a hydraulic piston pushes the waste onto the combustion grate. It is important that waste in the chute is always at an optimal level and uniformly distributed. This prevents air from leaking into the furnace and ensures a constant supply of fuel for combustion. For that reason the minimum level in the feed chute has to be monitored and the resulting data displayed to the crane operator.



VEGAMIP 61

Monitoring the minimum filling height in the feed chute with radar

- Reliable, non-contact level detection
- Wear and maintenance-free operation
- Easy installation outside of the chute

VEGAMIP 61

Measuring range - Distance
100 m

Process temperature
-40 ... 80 °C

Process pressure
-1 ... 4 bar

Version
hygienically encapsulated horn antenna
for separate horn antenna
with horn antenna ø 40 mm
with horn antenna ø 48 mm
with horn antenna ø 75 mm
with horn antenna ø 95 mm
with plastic horn antenna ø 80 mm
Horn antenna ø 1½"
with encapsulated horn antenna

Materials, wetted parts
PTFE
316L
1.4848
PP

Threaded connection
≥ G1½, ≥ 1½ NPT

Flange connection
≥ DN50, ≥ 2"

Hygenic fittings
Slotted nut ≥ 2", DN50 - DIN 11851
Varivent ≥ DN25
DRD connection ø 65 mm
for NEUMO BioControl D50 PN16 / 316L

Seal material
FKM
FFKM

Housing material
Plastic
Aluminium
Stainless steel (precision casting)
Stainless steel (electropolished)