



## Lime kiln

### Reliable

Reliable measuring results even at high process temperatures

### Cost effective

Accurate charging of the lime kiln

### User friendly

Maintenance-free operation

### Level measurement in the lime kiln

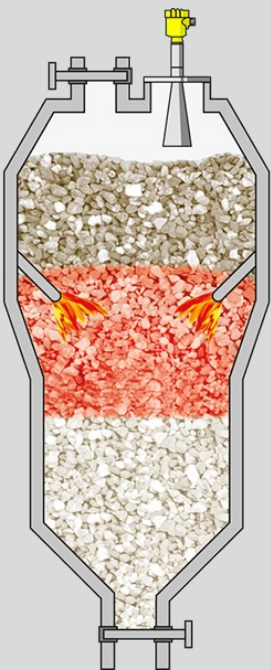
A lime kiln is used to produce quicklime through the calcination of limestone. Here the furnace is filled from the top and the calcined limestone (quicklime) is collected at the bottom of the furnace. Accurate level measurement ensures optimal charging and hence efficient operation of the furnace.



### VEGAPULS 68

Non-contact level measurement with radar in the lime kiln

- Reliable measuring results ensured, even at high temperatures
- No additional cooling system necessary
- Continuous operation of the plant ensured, because wear and maintenance-free





## VEGAPULS 68

### Measuring range - Distance

75 m

### Process temperature

-196 ... 450 °C

### Process pressure

-1 ... 160 bar

### Accuracy

± 2 mm

### Frequency

26 GHz

### Beam angle

≥ 3°

### Version

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 parabolic antenna ø 245 mm

### Materials, wetted parts

316L  
Alloy C22 (2.4602)  
1.4848

### Threaded connection

≥ G1½, ≥ 1½ NPT

### Flange connection

≥ DN50, ≥ 2"