



Blending bed

- Reliable
- Reliable measurement even with strong dust generation
- Cost effective
- Optimum storage capacity utilization
- User friendly
- Maintenance and wear-free

Level measurement of the blending bed

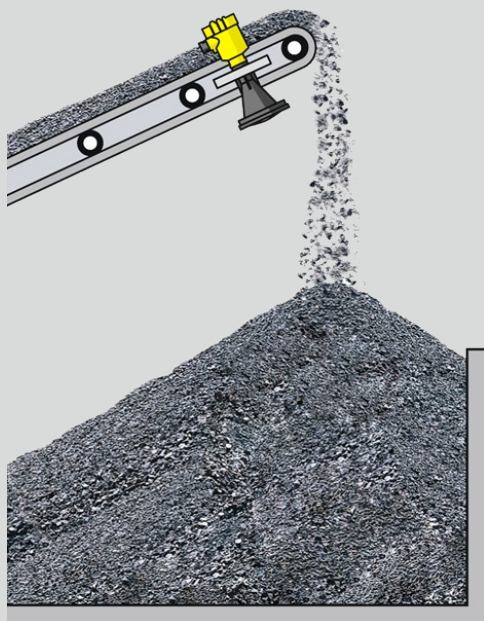
To attain high quality and uniform material consistency in the finished cement, the raw material is homogenized in a so-called blending bed. The rock is distributed evenly over the blending bed with a stacker. Material is removed with a scraper. To ensure that the incoming material is distributed as evenly as possible, the level must be continuously measured.



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Level measurement with radar in the blending bed

- Precise measurement through good focusing
- High measurement certainty, even with intense dust and noise generation
- Maintenance-free operation thanks to encapsulated antenna system





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Measuring range - Distance

120 m

Process temperature

-40 ... 200 °C

Process pressure

-1 ... 20 bar

Accuracy

± 5 mm / ± 0.2"

Frequency

80 GHz

Beam angle

≥ 3,5°

Version

with plastic horn antenna ø 80 mm
Metal jacketed lens antenna

Materials, wetted parts

316L
PP
PEEK

Threaded connection

G1½, 1½ NPT

Flange connection

≥ DN80, ≥ 3"