



Stacker

- Reliable
- Reliable measurement despite strong dust generation
- Cost effective
- Exact position monitoring without mechanical wear
- User friendly
- Maintenance and wear-free

Detecting the position of the stacker in the blending bed

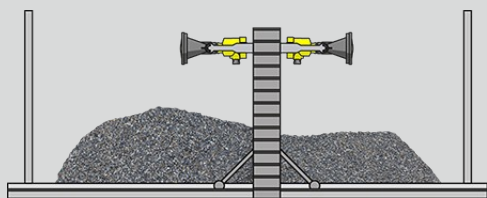
To maintain a high quality and uniform material consistency in the finished cement, the raw materials are homogenized in a blending bed. To achieve this the rock is distributed evenly over the blending bed with a stacker. Material is reclaimed in reverse order with the help of a scraper. In order to optimally control the conveyor systems, their positions must be determined as precisely as possible.



VEGAPULS 69

Profile and distance measurement with radar on the stacker

- Reliable measurement, unaffected by dust and noise
- Maintenance-free operation through non-contact measuring method
- Simple mounting and setup





VEGAPULS 69

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"