



#### Reliable

Reliable measurement even with strong dust generation

#### Cost effective

Optimum storage capacity utilization

#### User friendly

Maintenance and wear-free

## Blending bed

### 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.

[More details](#)



### VEGAPULS 6X

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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**VEGAPULS 6X**  
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**Measuring range - Distance**

120 m

**Process temperature**

-196 ... 450 °C

**Process pressure**

-1 ... 160 bar

**Accuracy**

± 1 mm

**Frequency**

6 GHz

26 GHz

80 GHz

**Beam angle**

≥ 3°

**Materials, wetted parts**

PTFE

PVDF

316L

PP

PEEK

**Threaded connection**

≥ G¾, ≥ ¾ NPT

**Flange connection**

≥ DN20, ≥ ¾"

**Hygienic fittings**

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51