



#### Reliable

Reliable measurement despite strong dust generation

#### Cost effective

Exact position monitoring without mechanical wear

#### User friendly

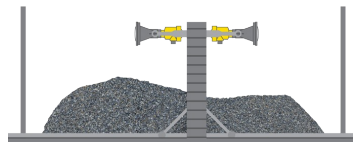
Maintenance and wear-free

## Stacker

### 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.

[More details](#)



### VEGAPULS 6X

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

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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