



#### Reliable

Protection against flue gas blowback through uniform filling of the feed chute

#### Cost effective

Optimal utilization of the bunker capacity by ensuring steady, even filling

#### User friendly

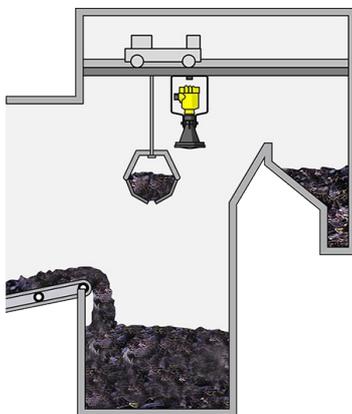
Constantly updated measurement data allows easy control of the grab crane

## Waste storage bunker

### Level measurement in the waste storage bunker

The waste storage bunker in the reception hall is an important part of the EFW incineration plant. Its purpose is to provide a place to store, buffer and uniformly mix the delivered waste and ensure a continuous supply of waste to the incinerator. A grab crane transports the waste to the feed chute of the furnace. To ensure efficient operation of the plant, a reliable and accurate level measuring system is required in the waste storage bunker. In addition, the level in the feed chute must be monitored to protect against a blowback of flue gas.

[More details](#)



### VEGAPULS 6X

Non-contact level measurement with radar in a waste storage bunker

- Reliable even under difficult process conditions
- Non-contact, maintenance-free measurement
- High reliability ensured through immunity to noise

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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