



#### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

#### Cost effective

Easy cleaning without dismantling

#### User friendly

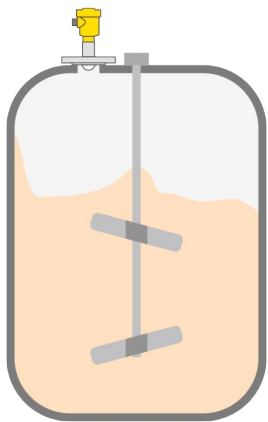
Simple setup and commissioning

## Mixing tank for soft cheese production

### Mixing tank for soft cheese production

In the production of soft cheeses, various types of cheese are mixed and melted in a mixing tank. The cheese collects on the walls of the tank and is scraped off again by large spatulas. To ensure efficient production of the soft cheese, reliable level measurement is required.

[More details](#)



### VEGAPULS 6X

Level measurement with radar in the mixing tank for soft cheese production

- Reliable measurement down to the vessel bottom with good focusing using 80 GHz technology
- Reliable measurement despite caking
- Very good cleanability due to flange with 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