



Blast furnace

- Reliable
- Reliable measurement even during filling
- Cost effective
- Optimal operation of the furnace
- User friendly
- Simple mounting and setup

Level measurement in the blast furnace

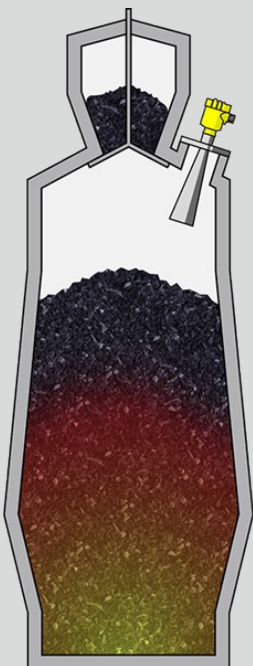
Burden (iron-bearing materials) and coke are transported from the bunker to the top of the blast furnace. The charging of the furnace is done via conveyor belts or small aggregate wagons. To ensure an optimal distribution of the burden and coke layers, exact level measurement is required.



VEGAPULS 68

Non-contact level measurement with radar in blast furnaces

- Reliable measurement, independent of dust, material composition and high temperatures
- High measurement certainty even during filling
- Wear and maintenance-free Operation





VEGAPULS 68

Measuring range - Distance

75 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 2 mm

Frequency

26 GHz

Beam angle

≥ 3°

Version

for separate horn antenna
with horn antenna ø 40 mm
with horn antenna ø 48 mm
with horn antenna ø 75 mm
with horn antenna ø 95 mm
with parabolic antenna ø 245 mm

Materials, wetted parts

316L
Alloy C22 (2.4602)
1.4848

Threaded connection

≥ G1½, ≥ 1½ NPT

Flange connection

≥ DN50, ≥ 2"