



Wood chip silo

Reliable

Reliable continuous measurement, even during filling

Cost effective

Optimal container volume utilization

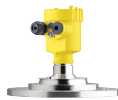
User friendly

Volume display and sensor adjustment in a convenient location

Wood chip silo level measurement

The wood chips are transferred via conveyor belts to storage silos up to 25 m high and stored there temporarily for further processing. The silos are filled and emptied in batches. During the process, large amounts of dust are generated, material cones and bridges form, which collapse during emptying.

Reliable level measurement is needed here to ensure supplies for downstream processes and facilitate logistics planning.



VEGAPULS 69

Level measurement with radar in the wood chip silo

- Reliable function despite heavy dust from dry wood chips
- Precise alignment with the angle of repose by means of swivelling holder
- With a tightly focused measurement signal, it is unaffected by vessel internals



VEGADIS 81

Measured value display and sensor adjustment

- Measured value display and sensor adjustment in a readily accessible location
- Easy-to-read display with plain text and graphics
- Simple operation via four keys and clearly structured menu



VEGAPULS 69	VEGADIS 81
Measuring range - Distance 120 m	Housing material Plastic Aluminium Stainless steel (precision casting)
Process temperature -40 ... 200 °C	Protection rating IP66/IP67
Process pressure -1 ... 20 bar	Ambient temperature -20 ... 70 °C
Accuracy ± 5 mm / ± 0.2"	Signal input (specify) plics sensor (serial)
Frequency 80 GHz	Signal output (specify) Display
Beam angle ≥ 3,5°	
Version with plastic horn antenna ø 80 mm Metal jacketed lens antenna	
Materials, wetted parts 316L PP PEEK	
Threaded connection G1½, 1½ NPT	
Flange connection ≥ DN80, ≥ 3"	