

# assentoft silo

## 1 pc. 3.900 m<sup>3</sup> stainless steel silo for KMC, Brande



In 2019 Assentoft Silo designed, manufactured and erected a food storage approved stainless steel silo for free-flowing potato powder with a specific gravity up to 500 kg/m<sup>3</sup>. This silo is placed along with 3 previously delivered silos from Assentoft Silo.

All parts in contact with the potato powder are made from stainless steel. In order to avoid condensation, the silo is insulated and cladded with a trapezoid sheet.

### Data:

Diameter:    ø13,930 mm  
Roof:         31 °, stainless steel plate  
Total height: 30,000 mm  
Volume:       3969 m<sup>3</sup>

Filling of the silo is performed pneumatically from the production, and on the silo top there is a cyclone for filtering the air from the pneumatic transport system.

The silo has a flat stainless-steel floor with a sweep arm auger for complete un-loading of the silo.

The protein powder is blown back to a distributor silo, from which it is sent with truck to the customers.

