

# Grit storage complete system for Burgwindheim

Germany



## Project details

Client:	Staatliches Bauamt Bamberg
Architecture:	Josef Fösel Bauunternehmung GmbH Memmelsdorf
Project type:	Brine technology, Wooden silos, Complete solutions
Construction:	2021
Locality:	Burgwindheim
Country:	Germany

## Construction data

Product/Component	Pipeline routing, Round silo, Silo brine mixing facility, Réservoirs de saumure, Control technology
Model/Type	Galvanised steel operating platform roofed, Galvanised steel roof platform, Manual filling funnel with adjustable height, Manual filling level measurement, Oak knocker, Galvanised steel ladder, Brine mixing facility Quanto, Galvanised and duplexed steel construction, Unbalanced shaker, Distribution cone, Conveyor belt
Volume	500 m <sup>3</sup>
Stocked goods	Salt, Brine

## Information Silo

Silo volume:	500m <sup>3</sup>
Silo height:	20.66m
Total height:	7.90m
Passage width:	6.82m
Total height:	4.20m

## Information Sole

Volume Sole:	40m <sup>3</sup>
Container diameter:	3.00m
Height with Roof:	6.65m

## Project description

This comprehensive winter service solution includes a grit storage system with an impressive round wooden silo of 500m<sup>3</sup> capacity, along with modern brine technology consisting of a silo salt dissolving system Vario, brine generator, and a 40m<sup>3</sup> brine tank. This intelligent combination of silo and brine technology enables efficient winter services in and around Burgwindheim.

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Control platform Duplex with roof and windscreen

Brine technology with silo salt dissolving system Vario, brine generator, brine tank system, and control panel



Brine filling station with control unit

Roof platform of hot-dip galvanised steel



Access ladder of hot-dip galvanised steel