

Wooden complete gritting facility, Bad Rappenau

Germany



Construction data

Product/Component	Round silo, Salt storage depots, Conveyor technology, Brine mixing facilities
Model/Type	Brine mixing facility Quanto, Modular conveyor system
Volume	200 m ³
Stocked goods	Salt, Brine

Project details

Client:	Landratsamt Heilbronn Deutschland
Architecture:	BL Silobau AG
Project type:	Complete solutions, Brine technology, Wooden silos, Conveyor technology
Construction:	2019
Locality:	Bad Rappenau
Country:	Germany

Information Silo

Silo volume:	200m ³
Silo height:	17,00m
Total height:	6,20m
Passage width:	5,20m
Total height:	4,40m

Information Sole

Volume Sole:	40m ³
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Salzsilo 200 m³ mit Lagerhalle für 1800 t Salz

To guarantee a quick filling of vehicles, a salt storage hall with a loading silo was built. The loading of the gritting material silo is done via a pneumatic modular conveyor system, whose feed hopper is loaded from the hall. This enables the silo to be filled at less busy times and grit to be removed quickly when demand is high. The system is equipped with a powerful, fully automatic brine generator (8 000 l/h), which extracts the salt directly from the silo, and a brine storage tank with a volume of 40 000 l. This guarantees a constant supply of brine in the tank.

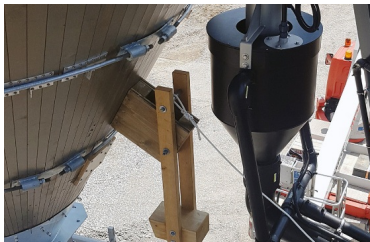
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Efficient fully automated brine generator (8'000 l/h) and brine storage tank with a volume of 40'000 l

Modular conveyor system for more efficiency at the Bad Rappenau winter service station in Germany



Discharge screw for discharging the salt into the rinsing cyclone

Large salt storage hall