

Wood silo, 2 x 250m³, Uhingen

Uhingen, DE



Project details

Client:	Landratsamt Esslingen, DE-73230 Kirchheim /Teck
Project type:	Brine technology, Wooden silos
Construction:	2023
Locality:	Uhingen
Country:	Germany

Construction data

Product/Component	Pipeline routing, Round silo, Réservoirs de saumure, Control technology, Lärche
Model/Type	Galvanised steel operating platform roofed, 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, Loading mirror, Galvanised steel roof platform
Volume	2 x 250
Stocked goods	Salt, Brine

Information Silo

Silo volume:	2x250m ³
Silo height:	17.39m
Total height:	6.20m
Passage width:	6.30m
Total height:	4.25m

Information Sole

Volume Sole:	40m ³
Container diameter:	3.00m
Height with Roof:	7.05m

Project description

The silo system in Uhingen consists of 2 round wooden silos on a cubic steel substructure and a brine system. The wooden silos each have a capacity of 250m³.

For optimum protection, the silo system was provided with an architecturally designed larch façade.

The brine generator is filled with de-icing salt directly from the silo using a discharge screw. The brine system consists of a Quanto salt dissolving system and a storage tank with a volume of 40m³.

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Automated brine system with storage tank

Double segment slide with height-adjustable windsock, discharge screw with rinsing cyclone for feeding the brine system



Side view of the silo facility in Uhingen

Brine facility in Uhingen