

Wood silo 200m³ in Kùlsheim

Germany



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Project details

Project type: Brine technology, Wooden silos, Complete solutions, Conveyor technology
Construction: 2023
Country: Germany

Information Silo

Silo volume: 200m³
Silo height: 15.64m
Total height: 6.20m
Passage width: 5.39m
Total height: 4.30m

Construction data

Product/Component	Conveyor technology, Measurement and weighing technology, Pipeline routing, Round silo, Salt storage depots, Silo brine mixing facility, Réservoirs de saumure, Control technology, Lärche
Model/Type	Galvanised steel operating platform roofed, Galvanised steel roof platform, Manual filling funnel with adjustable height, Oak knocker, Galvanised steel ladder, Modular conveyor system, Brine mixing facility Quanto, Galvanised and duplexed steel construction
Volume	200 m ³
Stocked goods	Salt, Brine

Information Sole

Volume Sole: 40m³
Container diameter: 3.00m
Height with Roof: 6.16m

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Project description

In 2023, we realised a wooden silo with a volume of 200m³ in Kùlsheim, Germany. This silo facility is specially designed for the storage and processing of salt and brine and combines innovative technologies and materials to create a comprehensive overall solution.

The round silo, whose façade is made of larch wood, blends harmoniously into its surroundings and at the same time ensures a robust and durable construction. The brine technology, supplemented by a Quanto salt dissolving system and brine tank system, enables precise and reliable storage and distribution of brine. The centrepiece of the system is the advanced measuring and weighing technology which, together with the modern control technology, ensures precise control and monitoring of the stock levels.

The conveyor technology includes a high-performance modular conveyor system that ensures efficient and reliable transport of the salt from the hall to the silo. The separate salt storage hall offers additional space for storing larger quantities of salt and supports the logistics on site. Overall, this comprehensive system represents an ideal solution for salt storage and processing in Kùlsheim.

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Salt silo made of larch wood with brine system

Quanto salt dissolving system with fill level monitoring



The new factory yard area with the new overall plant in Kùlsheim

Pump system and control unit of the brine system



Brine fuelling station, operating platform and silo outlet with height-adjustable windsock