

# Modular timber silos , 2 x 300 m<sup>3</sup>, Wohlen AG

Switzerland



## Project details

Client:	Kantonaes Tiefbauamt Aargau AG Schweiz
Architecture:	BL Silobau AG
Project type:	Brine technology, Wooden silos, Complete solutions, Conveyor technology
Construction:	2021
Locality:	Wohlen
Country:	Switzerland

## Construction data

Product/Component	Conveyor technology, Measurement and weighing technology, Modular silo, Pipeline routing, Silo brine mixing facility, Réservoirs de saumure, Control technology
Model/Type	Automation systems, Galvanised steel operating platform, Manual filling funnel with adjustable height, Steel knocker, Wooden ladder
Volume	2 x 300, 600
Stocked goods	Salt, Brine

## Information Silo

Silo volume:	2 x 300m <sup>3</sup>
Silo height:	14,55m
Total height:	8,50 x 17,00m
Passage width:	5,55m
Total height:	4,20m

## Information Sole

Volume Sole:	8300m <sup>3</sup>
Container diameter:	6,60 x 0,95 x 3.50m

## Project description

The modular silo facility in Wohlen AG consists of two modular silos, a brine facility and a brine tank. Each modular silo has a capacity of 300 m<sup>3</sup>.

A brine facility with brine producer and a tank capacity of 8,000 l was built alongside the silo facility. The facility also features an underground stationary return conveyor with a capacity for conveying approx. 13 t/h. The modular silo facility is well protected from the elements thanks to its architecturally designed pre-greyed larch facade.

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Return conveyor system installed underground with a conveying volume of approx. 13 tonnes per hour

Silo discharge pipeline for the brine system



Brine mixing facility can be integrated optimally into silo systems

Compressor blows the salt through the conveyor system into the silo



Loading area of the modular wooden silo system

The modular silo with its pre-greyed larch façade blends in harmoniously with the existing building of the works yard.