

Largest wooden modular silo facility 2'300m³, Chur

Switzerland



Project details

Client:	Bundesamt für Strassen ASTRA Schweiz
Architecture:	Casutt Wyrsch Zwicky AG
Project type:	Complete solutions, Wooden silos, Brine technology, Conveyor technology
Construction:	2019
Locality:	Chur
Country:	Switzerland

Construction data

Product/Component	Modular silo, Réservoirs de saumure, Conveyor technology
Model/Type	Automation systems, Modular conveyor system
Volume	300 m ³ , 4 x 500, 2300
Stocked goods	Salt

Information Silo

Silo volume:	2'300m ³
Silo height:	17,70m
Total height:	18,10 x 27,90m
Passage width:	6,50m
Total height:	4,10m

Information Sole

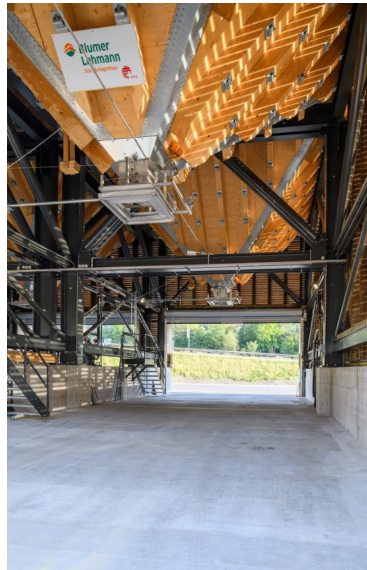
Volume Sole:	2 x 40'000m ³
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Project description

Largest modular silo facility directly at the Chur South motorway exit with a storage volume of 2,300 m³ of salt. The facility has 4 modular silos with a capacity of 500 m³ each and 1 modular silo with a capacity of 300 m³. In addition to the silo facility, a brine plant with a brine generator and 2x40'000 l tank capacity as well as a service room with kitchen and toilet were built. The salt is extracted fully automatically by means of strain gauges and can be conveniently done from the operating platform. In addition, the plant has a return conveyor system installed underground with a conveying volume of approx. 10 t/h. For optimal protection, the silo facility was equipped with an architecturally designed larch façade and roller doors.

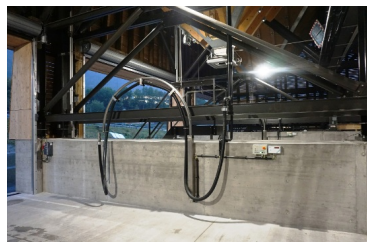
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Largest modular silo facility made of wood in a strategically good location with motorway access to Chur South

Interior view of the modular silo plant in Chur



Modular silo facility in Chur with an architecturally designed larch façade

Brine filling station



Underground return conveyor system

Brine plant with brine generator of the modular silo plant in Chur