

Grit storage system in Müllheim TG

Switzerland



Project details

Client:	Bundesamt für Strassen ASTRA Schweiz
Architecture:	ammann partner ag Stein AR
Project type:	Brine technology, Wooden silos, Complete solutions, Conveyor technology
Locality:	Müllheim
Country:	Switzerland

Construction data

Product/Component	Conveyor technology, Measurement and weighing technology, Pipeline routing, Round silo, Brine mixing facilities, Silo brine mixing facility, Réservoirs de saumure, Control technology
Model/Type	Automation systems, Galvanised steel roof platform, Filling funnel electric and adjustable height, Oak knocker, Galvanised steel ladder, Mobile return conveyor, Salt manager, Spotlight LED with motion detector, Silo brine mixing facility Vario, Valve with funnel heater, Valve and mirror heater, Galvanised and duplexed steel construction, Unbalanced shaker, Loading mirror, Distribution cone, Display for top automatic
Volume	2 x 400
Stocked goods	Salt, Brine

Information Silo

Silo volume:	800m ³
Silo height:	19.18m
Total height:	7.90m
Passage width:	6.42m
Total height:	4.50m

Information Sole

Volume Sole:	40m ³
Container diameter:	3.00m
Height with Roof:	6.65m

Project description

A complete silo plant with two round wooden silos with a volume of 400m³ each was built near Müllheim in Thurgau. The salt silos are made of larch wood and are supported on a duplexed steel substructure. In addition, the entire plant is automated and can be monitored via the salt manager.

The grit silo system is also equipped with a Vario silo salt dissolving system. The produced brine is conveyed to external storage containers via a pump control.

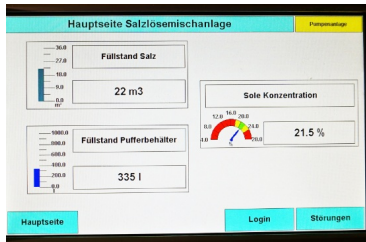
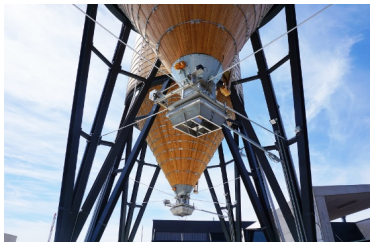
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Steuerschrank und Pumpe der Salzlöseanlage Vario

Verwiegung mit Dehnmessstreifen und Wärmeschutz



Silotrichter mit höhenverstellbarem Windsack, Unwuchrüttler und Klopfer aus Eichenholz

Bedieneinheit der Soleanlage



Rundsilos mit je 400m³ Volumen aus Lärchenholz

Feuerverzinktes Dachpodest aus Stahl