Winter service facility with round gritting silos in Bülach

Switzerland

Project details

Client:	Hochbauamt Kanton Zürich Schweiz
Architecture:	Felgendreher Olfs Köchling Architekten GmbH, JAEGER Baumanagement AG
Project type:	Brine technology, Wooden silos, Complete solutions
Construction:	2020
Locality:	Bülach
Country:	Switzerland

Construction data

Product/Component	Measurement and weighing technology, 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, Brine mixing facility Quanto, Salt manager, Spotlight LED with motion detector, Valve with funnel heater, Valve and mirror heater, Galvanised and duplexed steel construction, Unbalanced shaker, Loading mirror, Distribution cone
Volume	2 x 400, 800
Stocked goods	Salt, Brine

Information Silo

Silo volume:	2 x 400, 800m³
Silo height:	21,58m
Total Size:	6,60m
Passage width:	5,48m
Passage height:	4,25m

Information Sole

Volume Sole:	40m³
Container diameter:	3,00m
Height with Roof:	6,75m

Project description

The two new wooden grit silos at the maintenance centre in Bülach have an impressive capacity of 400m³ each. The round wooden silos are supplemented with a brine generator Quanto and a brine storage tank.

In addition to the two silos, the winter service facility in Bülach includes a service and workshop building as well as a parking hall.

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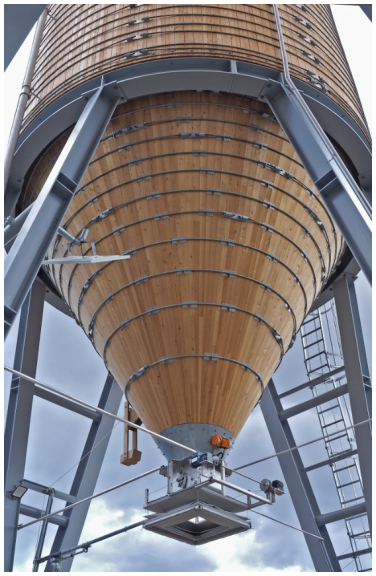

Silo funnel with height-adjustable windsock, unbalance vibrator and knocker made of oak wood

Hot-dip galvanised steel platform of the gritting silo

Brine generator with tank system

Brine generator Quanto

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