

Silo and brine complete facility in Blumenthal Vienna

Austria



Construction data

Product/Component	Filter systems, Measurement and weighing technology, Round silo, Brine mixing facilities, Silo brine mixing facility, Réservoirs de saumure
Model/Type	Automation systems, Operating wooden platform roofed, Filling funnel electric and adjustable height, Galvanised steel ladder, Brine mixing facility Quanto, Spotlight LED with motion detector, Valve with funnel heater, Galvanised steel construction, Unbalanced shaker, Distribution cone
Volume	2 x 500, 1000 m ³
Stocked goods	Salt, Brine

Project details

Client:	Wiener Kommunal-Umweltschutzprojektgesellschaft mbH (WKU)
Architecture:	Baumeister GmbH & Co KG
Project type:	Complete solutions, Wooden silos, Brine technology, Conveyor technology
Construction:	2020, 2021
Locality:	Wien
Country:	Austria

Information Silo

Silo volume:	2 x 500, 1000m ³
Silo height:	21,40m
Total height:	7,90m
Passage width:	6,30m
Total height:	4,80m

Information Sole

Volume Sole:	3 x 45, 135m ³
Container diameter:	2,40m
Height with Roof:	10,80m

Project description

The new gritting facility for winter road maintenance in Vienna consists of two round wooden salt silos with a volume of 500m³ each, a weighing system with electronic display and three orange brine storage tanks with a capacity of 45m³ each.

The brine generator has a record-breaking capacity of 15,000 litres of solution per hour, at peak times even up to 22,000 litres. This is about four times as much as a standard brine generator.

On the large urban area of Vienna, vehicles can be filled up at four extraction points and residual brine can be returned to the respective tanks.

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Round wooden silos with a volume of 500m³ each and brine system

Three orange brine tanks, each with a capacity of 45m³



Brine mixing facility with a high output

Control panel with ID recognition