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

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

2 x 500, 1000 m3 Volume Stocked goods

Salt, Brine



Project details

Wiener Kommunal-Client:

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, 1000m³ Silo height: 21,40m Total height: 7,90m Passage width: 6,30m Total height: 4,80m

Information Sole

Volume Sole: 3 x 45, 135m³ 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