Brine mixing facility, Tauberbischofsheim

Tauberbischofsheim, Germany



Project details

Client:	Staatliches Hochbauamt Schwäbisch Hall
Project type:	Brine technology
Locality:	Tauberbischofsheim
Country:	Germany

Information Silo

Information Sole

Volume Sole:	40m³
Container diameter:	3m
Height with Roof:	3,77m

Construction data

Product/Component	Pipeline routing, Brine mixing facilities, Réservoirs de saumure, Control technology
Model/Type	Brine mixing facility Quanto, Slurry extraction system with screw conveyor and big bag
Volume	40 m3
Stocked goods	Brine

Quanto 30 for winter road maintenance

The municipal maintenance team relies on salt and brine in order to ensure effective winter road maintenance in and around the district town of Tauberbischofsheim.

Since 2022, a Quanto 30 brine mixing facility has also been available for this purpose, which automatically produces a concentrated salt solution of NaCl. The system includes a 3 m long, horizontally installed storage tank with a volume of 40 m³. Equipped with a wide range of functions, the Quanto 30 makes winter road maintenance tasks easier:

- The brine producer is filled with salt from the salt store using a wheel loader
- Dissolving and mixing processes are controlled automatically
- The brine concentration is measured digitally and automatically regulated
- A measured value monitoring system prevents the concentration from becoming too high or too low

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At the Quanto 30 salt-dissolving plant, brine for winter maintenance is produced from salt and water.

The screw conveyor feeds residues from the dissolution process into a big bag.





The GRP silo has a capacity of 40 m^3 and is 4 m long.

The Quanto 30 brine mixing facility supports the municipal maintenance yard's winter road maintenance.

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