

Wooden gritting silo facility with loading facility in Haigerloch

Germany



Construction data

Product/Component	Measurement and weighing technology, Twelve-sided silo E12
Model/Type	Galvanised steel operating platform roofed, Oak knocker, Galvanised steel ladder, Galvanised and duplexed steel construction, Stair tower as ascent, Loading conveyor, Loading platform , Conveyor belt
Volume	750
Stocked goods	Salt

Project details

Client:	Wacker Chemie
Architecture:	BL Silobau AG
Project type:	Complete solutions, Wooden silos, Loading facility
Construction:	2012
Locality:	Haigerloch
Country:	Germany

Information Silo

Silo volume:	750m ³
Silo height:	28,29m
Total height:	7.90m
Passage width:	6,42m
Total height:	6,00m

Project description

The Stetten salt mine, Haigerloch was equipped with an additional loading facility. The salt is transported directly from the inside of the mountain to the silo by means of conveyor belts (conveying capacity up to 500 t/h). A steel truss bridge crosses the three railway tracks (15.2° gradient). Loading into the silo vehicles is done by a belt weigher at the silo hopper. By means of remote control and camera, the entire loading process is operated and monitored from the control room. For the handling of the incoming trucks and the trucks to be loaded, the constructed dispatch building with two 20 m truck scales is used. The building is equipped with three workstations for issuing delivery notes and logistics scheduling.

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Loading by belt weigher at the silo hopper at the gritting silo facility

Assembly of hopper and cylinder of the grit silo



Loading facility of the grit silo plant

Conveyor belt inside the truss bridge of the grit silo facility



Loading into the vehicles

Logistics terminal