

Modular silo facility 1'600m³, Fribourg

Switzerland



Construction data

Product/Component	Modular silo
Model/Type	Automation systems, Mobile return conveyor, Salt manager
Volume	400 m ³ , 4 x 400, 1600
Stocked goods	Salt

Project details

Client:	Office fédéral des routes OFROU Estavayer-le-Lac
Architecture:	OPAN concept SA
Project type:	Wooden silos, Brine technology
Construction:	2019
Locality:	Fribourg
Country:	Switzerland

Information Silo

Silo volume:	4x400m ³
Silo height:	15,42m
Total height:	18,23 x 18,01m
Passage width:	7,20m
Total height:	4,30m

Project description

This modular silo facility is located directly at the Fribourg Nord motorway exit and offers everything needed for today's winter service.

The upper part of the silo facility is covered with a sheet metal façade, the lower part with polycarbonate panels. The salt is obtained by logging in the vehicle. Afterwards, the desired purchase quantity can be entered. Loading takes place automatically. The brine plant, which was built in cooperation between the plant constructor and BL Silobau, works with the same system. Salt and brine quantities are integrated in the salt manager and can be viewed from anywhere via the Internet. Salt residues in the gritting vehicle can be returned to the silo via a mobile salt return system.

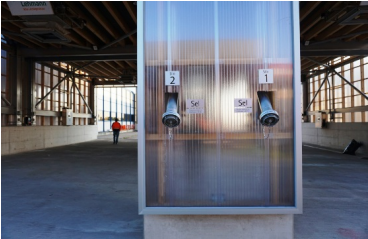
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Modular silo facility for gritting materials in Fribourg

Mobile salt conveyor system for salt residues in the gritting vehicle



Interior view of the modular silo facility in Fribourg

View from the outside to the inside of the modular silo facility in Fribourg