

CASE STUDY

Alimak improves operational efficiency at Cerveceria Chile's Brewery Plant in Quilicura, Chile

Cerveceria Chile S.A., a subsidiary of A.B. InBev, embarked on a plant expansion project in Quilicura, Chile. The aim was to enhance operational efficiency by installing an industrial elevator to streamline the movement of grain bags within the brewery facility. The challenging aspect of this project was non-compliance with the designated elevator installation space with local building codes.

After careful consideration, the decision was made to install an Alimak industrial elevator built on rack-and-pinion technology, specifically the Alimak SC 45 10/22 model. This project saw collaboration led by A.B. InBev's project management teams from Argentina and Brazil.

The installation process was complex because the original space design must align with the rack-and-pinion elevator specifications. The Alimak team had to make adjustments, including cutting piping for the elevator car entrance. In addition, the available installation space was slightly shorter than required, necessitating careful modifications to ensure a precise fit.

Despite these challenges, Alimak successfully installed the mast and elevator car. The subsequent phase involved systematically demolishing concrete flooring on each floor and installing mast sections. The elevator was thoughtfully designed with a dual entrance to optimise operational flow. Its primary purpose is to transport grain bags, a task that is carried out two to three times daily.

Alimak's industrial elevator played an instrumental role in optimising limited indoor spaces within the food and beverage facility, significantly enhancing productivity. Beyond vertical transportation of goods, these elevators provide efficient access for maintenance and servicing operations on essential equipment, mitigating downtime costs. Moreover, they offer a safer alternative to manual handling and forklift operations, fostering a secure working environment.

This Brewery plant project in Quilicura, Chile, is a testament to the adaptability and effectiveness of Alimak's industrial elevators in challenging environments.



Cerveceria Chile's Brewery Plant, Quilicura, Chile

ELEVATOR DETAILS

Location:	Santiago, Chile
Industry:	Food & Beverage
Application:	Brewery
Elevator type:	Alimak SC 45 10/22
Capacity:	1,000 kg
Elevator size:	1.4 m x 2.2 m
Speed:	1.0 m/s
Lifting height:	18 m
No. of landings:	5
Installation year:	2021

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