

## CASE STUDY

# Alimak SE elevators power sustainable operations at Bracell's Project Star

Bracell's Project Star, located in Lençóis Paulista, São Paulo, Brazil, is recognised as the world's largest and most sustainable pulp mill. This expansive project reflects Bracell's dedication to sustainability and operational efficiency, with three Alimak™ SE 1000 FC industrial elevators playing a vital role in the facility's operations.

The Alimak SE range, including those at Project Star, is manufactured in Skellefteå, Sweden, where 100% of the electricity is derived from renewable water power. This green energy usage substantially reduces the elevators' carbon footprint, aligning with Bracell's environmental goals.

These elevators were procured by Andritz, the EPC contractor for the project, who selected Alimak for their proven performance in industrial environments. They feature a load capacity of 1000 kg, a car size providing ample space for personnel and equipment, and a speed of 0.6 m/s. Their lifting heights range from 63 to 69 metres, with up to six landings, making them highly adaptable for different facility areas.

Despite the challenge of limited space within a densely packed facility, the SE elevators' design, which requires no shaft or machine room, made them an ideal choice. These elevators are used daily, especially during maintenance shutdowns, significantly improving operational efficiency, safety, and comfort by reducing the need to climb stairs.

The installation of Alimak SE 1000 elevators at Bracell's Project Star showcases a successful partnership focused on sustainability and efficiency, reinforcing Alimak's position as a leader in sustainable industrial solutions.



### ELEVATOR DETAILS

Location:	Lençóis Paulista, São Paulo, Brazil
Industry:	Pulp & Paper
Application:	Recovery Boiler
Elevator type:	Rack & Pinion
Elevator model:	ALIMAK SE 1000 FC
No. of elevators:	3
Capacity:	1,000 kg per unit
Lifting height:	63 m (two units), 69 m (one unit)

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**ALIMAK**

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