

METSÄ GROUP'S BIOPRODUCT MILL, ÄÄNEKOSKI, FINLAND

# NEW KONECRANES SOLUTION ELEVATE INDUSTRIAL DELIVERY PROCESSES HIGHER

The world's first next-generation bioproduct mill in Äänekoski, built by Metsä Group, is the largest wood-processing plant in the northern hemisphere.

70 per cent of the 1.3 million tonnes of pulp produced by Metsä Group's bioproduct mill will be exported. Pulp will be transported to the Vuosaari export harbour by train and shipped mainly to Europe and Asia.

## CHALLENGE

Metsä Group wanted to automate the delivery process with a tailor-made and fully automatic Konecranes solution for loading the trains.

## SOLUTION

Before the train arrives, the cranes distribute the pulp units at the loading area and naturally load the trains as well. This phase has to be reliable, safe and efficient.

"We wanted to increase the efficiency of the pulp logistics chain. Two bridge cranes and unique grippers of Konecranes are an essential part of it for loading," tells **Kristian Isaksson**, Development Manager from Metsä Fibre.

"In a bioproduct mill as large as this, the logistics and delivery process, and their operational flow, are vitally important, which is why these grippers and the train wagons have been customized for our product dimensions," Isaksson continues.



Konecranes' fully automated cranes loading pulp units into the train wagons.



INDUSTRIAL CRANES    NUCLEAR CRANES    PORT CRANES    HEAVY-DUTY LIFT TRUCKS    SERVICE

## RESULTS


The unique Konecranes solutions elevate the industrial delivery processes to a new tempo, without missing a beat. The Konecranes equipment is remotely monitored, which also contributes to operational reliability. Without operators, the area secured, and safety switches in use, the cranes operate independently. The operational expectations of this high-volume process industry have been met and surpassed.

“This creates efficiency, increases occupational safety and improves the quality and accuracy of pulp deliveries. Overall, operational reliability is top notch,” says Isaksson.

“As we are still currently in the early stages, we can already say that the system functions technically very well. “It is working even better than we expected,” Isaksson continues.



Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. In 2017, Group sales totaled EUR 3,136 million. The Group has 16,400 employees at 600 locations in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).

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