

Overhead cranes support pallet handling

ISOKON, SLOVENIA





Overhead cranes support safe and efficient pallet handling at ISOKON

ISOKON is a Slovenian manufacturer specializing in technical plastics for industrial applications. At its production facility, safe and reliable material handling is essential to support production processes and daily operations.

ISOKON has worked with Konecranes since 2023, when a crane system was integrated into a robotic production line. Building on this experience, ISOKON decided to install additional lifting equipment to support a new production line within the existing facility, where pallets with boards need to be handled frequently and accurately.

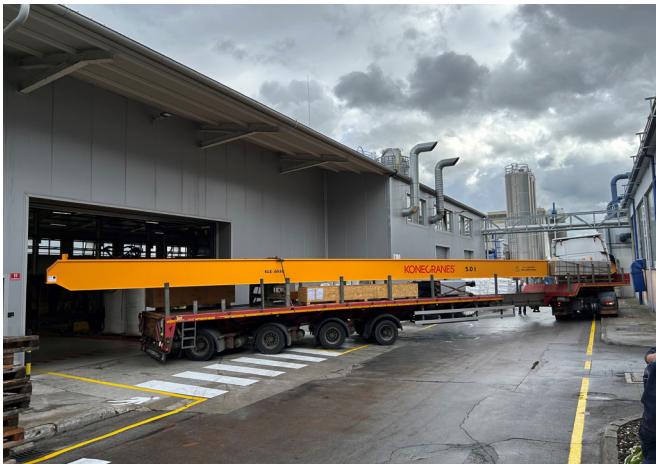
Supporting daily pallet handling

The new production line requires frequent transfer and positioning of pallets as part of the production flow. The main objective was to simplify handling tasks, improve accuracy, and reduce physical workload for operators.

Defining the right crane solution

Building on earlier cooperation, Konecranes worked with ISOKON to define a crane solution suited to the requirements of the new production line.

Based on the application, Konecranes supplied a 3.2 ton double girder overhead crane equipped with target positioning and a two-hook hoist, designed to support stable pallet handling and accurate load positioning.



"The application required good load stability and repeatable positioning. The two-hook hoist helps keep the pallets stable during transfer, while target positioning supports faster and more consistent handling in daily operations," says Amadej Skornik, Sales Team Leader, Konecranes, Slovenia.

Integrated into production operations

The cranes are used for the semi-automatic transfer of pallets with boards and are fully integrated into daily production. Inverter-controlled lifting and smooth crane movements support controlled handling and ease of operation.

"Target positioning help speed up the cycles in our process. Together with smooth movements, it creates a very good overall experience when using the crane," says Marko Rožič, Head of Production KOTERM & ISOTRACK, ISOKON

Practical benefits in everyday work

Since installation, the overhead crane has helped ISOKON improve daily material handling by making pallet transfers easier, safer, and faster. Improved load stability and precise positioning reduce the risk of handling errors, while supporting efficient production flow.

From an operational perspective, the crane solution contributes to:

- Safer handling of pallets
- Reduced physical strain for operators
- Faster and more consistent handling cycles
- Reliable support for daily production needs

"The crane is used multiple times per day, every day, and it is an important part of our process. Our goal was to ease the workload for employees, and this crane successfully achieved that," says Marko Rožič, Head of Production, KOTERM & ISOTRACK, ISOKON

"We would recommend Konecranes and their equipment to others in our industry,"

Marko Rožič, Head of Production, ISOKON





Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That's why, with around 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2024, Group sales totaled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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