

# NEW STANDARDS FOR INTELLIGENT WAREHOUSES.

The Jungheinrich EKS 215a mobile robot is already setting new standards at the Thai warehouse of automotive supplier Brose. The mobile robot makes work processes more efficient, minimises errors, ensures safety and promotes sustainable work. This showcase project from Jungheinrich and Brose demonstrates how to utilise the full performance of automation systems – and is a major step towards greater sustainability in intralogistics for both partners.

Jungheinrich, one of the world's leading intralogistics companies, and Brose, a leading supplier of intelligent solutions for mechatronic systems and electric drives, are cooperating to begin a new chapter in intelligent automation.

The partnership between Jungheinrich Thailand and Brose Thailand began with the strategic operation of the ultra-modern EKS 215a mobile robot. This leap towards efficiency and innovation represents a milestone in intralogistics and sets a benchmark for the future development of the industry in Thailand.

The project also provides an insight into the future of progressive manufacturing: the EKS 215a Automated Guided Vehicle System makes work processes efficient and safe during operation, minimises errors and also promotes sustainable working.

Bart Sprangers, General Manager of Jungheinrich Thailand, comments: "We have been working with Brose for many years. As true partners, we work together to focus on sustainability, safety and improved productivity in the warehouse. Brose's vision with respect to continuous improvement, efficiency and innovation corresponds with that of Jungheinrich. We have developed a good relationship where we work together to find new ways to improve warehouse efficiency and achieve sustainability objectives."

Together with the Brose team, Jungheinrich has carefully analysed the company's needs and processes, also conducting a comprehensive material flow and throughput analysis. Jungheinrich used the resulting

comprehensive plan to implement its automated solution.

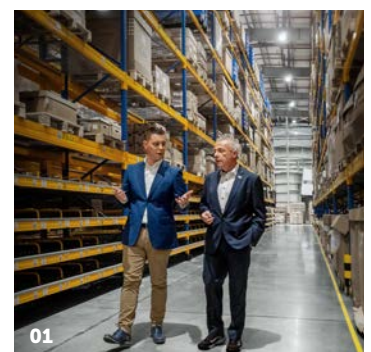
## A true partnership for the right solution.

Denis Reul, Managing Director of Brose Thailand (Chonburi plant), stresses that Brose is constantly searching for new technology to optimise the efficiency of its work processes and handle the increasing number of orders. The AGVS from Jungheinrich is the ideal solution for Brose's needs.

Jungheinrich and Brose are working together to set a new standard for intelligent warehouse logistics in Thailand. The use of the EKS 215a mobile robot is a signal to the industry. It underlines the importance of continuous further development and standardisation in intelligent and sustainable warehousing.

**01**  
Jungheinrich and Brose: united in increasing sustainability, safety and productivity in the warehouse.

**02**  
Use of the EKS 215a mobile robot ensures greater process reliability and the damage-free handling of products



## THE PROJECT AT A GLANCE

# brose

Customer:

Brose Group

Sector:

Automotive supplier

Company size:

32,000 employees

Location:

24 countries

## CHALLENGE

Further development of warehousing for efficient, innovative and sustainable intralogistics.

## JUNGHEINRICH SOLUTION

Partnership between Jungheinrich and Brose with the aim of jointly developing intelligent solutions for internal goods movement.

## RESULTS

The EKS 215a mobile robot is an automation solution and the first innovative result of the cooperation between Jungheinrich Thailand and Brose Thailand.

## IMPRESSIONS

The processes automated by Jungheinrich reduce the risks for employees and the chance of picking errors.



Future-proof warehouse solution from Jungheinrich: utilisation of an automated truck with a lithium-ion battery.