

Jungheinrich customer reference

**Trust leads to progress:
anona automates with Jungheinrich.**



JUNGHEINRICH

Mobile robots for maximum efficiency.

As an innovative market leader in fitness, diet and wellness nutrition, anona places particular emphasis on high-performance, future-proof material handling. Since its founding, the company has grown steadily and now has more than 600 employees. To ease the strain on these employees, the customer has automated several production lines using Automated Guided Vehicle Systems (AGV). Jungheinrich also supplied racking systems in various configurations and industrial trucks with lithium-ion technology. The integrated logistics solution was rounded off with tailored services.

VIABLE LOGISTICS CONCEPT.

anona operates three plants with a total of 14,000 square metres of warehouse space at its Colditz location. To reliably deliver its extensive range of lifestyle and wellness products, from protein bars to ice cream, to 30 countries around the world, anona relies on a variety of Jungheinrich trucks and machinery for its internal material handling. In addition to industrial trucks, a mobile racking system, shuttle racks and drive-in/drive-through racks, the customer also added two mobile robots ERC 213a to its powder packaging plant during the latest plant expansion. They support the team by taking on monotonous, repetitive transport tasks.

FROM 0 TO 100 IN 60 MINUTES.

Sustainability plays a central role at anona. This is demonstrated not only by certification in accordance with the ZNU Standard for Sustainable Corporate Management. On the factory roof, 686 solar panels generate environmentally friendly electricity, while the diverse fleet is powered by energy-efficient lithium-ion technology. This eliminates the need for time-consuming battery exchanges. The charging processes are simple and quick. "The trucks can be charged from zero to one hundred in just 60 minutes," explains Tommy Weskamp, logistics systems consultant at Jungheinrich. "A real advantage when maximum availability is required in multi-shift operation."

A LONG-STANDING PARTNERSHIP.

What began with a simple hand pallet truck has developed into highly efficient material handling with a range of components that can be tailored and expanded to suit individual requirements. The customer is already considering expanding the AGV system with additional ERC 213a units. Together, goals are set for each new project and these are pursued consistently until they are successfully completed. "With Jungheinrich, we have the best partner at our side for realising our future visions," says Mirko Lindner, department manager at anona, with satisfaction.

Fit for the future with mobile Robots

SAFE TEAMWORK IN MIXED OPERATION.

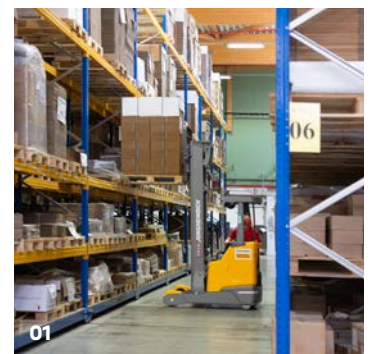
In daily production, the Jungheinrich fleet manoeuvres confidently through the narrow aisles and gates of the various warehouses. The mobile robots deployed provide optimal protection and excellent comfort at work, thanks to comprehensive safety systems and an ergonomic, user-friendly design. Functions such as precise laser navigation and personal protection scanners for early detection of obstacles reliably prevent accidents. The new colleagues have been so well received by the team that they have even been given names. As industrious as their renowned role models, Willi and Maja help boost efficiency in production logistics and enhance job satisfaction.

01

The mobile racking system that has been installed impresses with its outstanding space utilisation, high energy efficiency and optimal access to all pallets.

02

Maximum throughput guaranteed: UPC shuttles offer high flexibility for the transport of finished goods.





“ The autonomous ERC 213a trucks are the perfect addition to our team. ”

Mirko Lindner

Logistics department manager,
anona GmbH

In conversation with **Mirko Lindner,** Logistics department manager, anona GmbH

Why did you choose mobile robots from Jungheinrich?

The strong growth of our company in recent years, and the fact that many processes had become too time-consuming, prompted us to automate certain process steps. We also wanted to counteract the increasing skills shortage by deploying our available employees as effectively as possible. We worked with Jungheinrich to determine which processes did not necessarily have to be done manually. We then switched these tasks to Automated Guided Vehicles as part of the project. They relieve our employees on two filling lines, improving our time efficiency and process reliability.

To what extent have your processes improved and do you have further automation plans for the future?

From a technology perspective, the autonomous stacker trucks are by far the most advanced equipment we have introduced here in recent years. In combination with the mobile racking system, which allows individual access to each pallet, the efficiency of our processes has greatly improved. Whether on the ground or at height – we are impressed by the performance of the ERC 213a. They provide maximum availability within a confined space. As the project has been so successful and the first months of operation have fully convinced us, we plan to integrate and automate further areas into the existing system over the coming years.

Are you satisfied with the services provided by Jungheinrich and would you recommend such a collaboration to others?

Thanks to Jungheinrich's Premium Software support, we benefit from short response times and the highest prioritisation in the case of service issues. This allows us to reliably ensure the availability of our automated components. Fortunately, the systems have been running without problems since commissioning. We would absolutely recommend collaboration with Jungheinrich. Jungheinrich always understands what we need. It always provides what we needed for our process. Challenges such as limited space or tight deadlines have been handled with confidence. We are motivated to continue, step by step, on the path to automation with Jungheinrich.

THE PROJECT AT A GLANCE



Customer:	anona GmbH
Sector:	Food industry
Company size:	620 employees
Location:	Colditz, Germany
Warehouse size:	14,000 m ² of floor space

CHALLENGE

Partial automation of production logistics to increase efficiency and relieve the strain on employees. The gradual conversion of the truck fleet to lithium-ion technology to improve the environmental footprint.

JUNGHEINRICH SOLUTION

Two mobile robots of type ERC 213a, industrial trucks with lithium-ion technology, a mobile racking system, as well as other racking solutions and tailored services.

RESULTS

Successful implementation of an Automated Guided Vehicle System for the automation of two production lines. Increased process reliability and improved employee satisfaction through autonomous truck support.

IMPRESSIONS

High aspirations: Agile reach trucks navigate confidently in tight warehouse environments and at heights up to 14,000 mm.



Versatile ERC 216 electric pedestrian stackers impress with economical transport on the ground and at height.



Compact live storage racking generates significant time savings in the process thanks to the automatic replenishment of goods.



Mobile robots ERC 213a actively support employees in production supply and disposal.