



Automated Guided Vehicle System pallet truck **ERE 225a**

Lift height: 125 mm / Load capacity: 2500 kg

LION
technology

JUNGHEINRICH

The powerful AGV for long distances.

For multi-pallet transport.

As an Automated Guided Vehicle (AGV), our reliable and versatile EREa takes on repetitive transport tasks. With its long forks, the EREa is designed for multi-pallet transport and is therefore the perfect choice for increasing the efficiency of your transport processes.

A 2.8-kW 3-phase AC motor ensures constant performance over long distances. Safety is enhanced by the sturdy construction with its steel frame and enclosed structure.

The use of our Automated Guided Vehicles in mixed operation is guaranteed by safety systems such as the standard personal protection scanners. Depending on the speed, these scanners scan the travel route for obstacles in the drive direction and when cornering. The truck navigates by means of laser navigation. Reflectors on the travel route or a combination of reflectors and environmental features can be used for this purpose.

The AGV developed from our standard trucks can not only be easily integrated into existing IT structures or used as a stand-alone system, but can also be used in existing factory structures or new builds.



German quality
made by Jungheinrich

German Quality. Made by Jungheinrich

As one of the world's leading intralogistics companies, with more than 65 years of experience, Jungheinrich is always adhering to the concept of quality first. Choose Jungheinrich's products and services, enjoy the quality of Germany and the art of Jungheinrich right now!



Genuine parts
with fast, reliable service

Fast, reliable service with genuine parts

Jungheinrich services stand for partnership, trust and the highest quality. We guarantee you, our customers, to trust in our excellent service so that you can feel free to focus on your core business.



No worries. No compromise

With the Jungheinrich Li-ion Guarantee Plus, we give you a long-term performance promise of up to 5 years on our high quality lithium-ion batteries, so you can completely concentrate on your tasks without worrying.

* In accordance with our warranty terms - see website for details.

All benefits at a glance

- Compact design for narrow aisle widths.
- Efficient, reliable completion of routine tasks.
- Precise pallet handling and optimised transport routes thanks to precise laser navigation.
- Extensive safety systems for use in mixed operations.
- Short amortisation period thanks to process optimisation.

Your Jungheinrich AGV

for maximum customer benefits.



Efficiency

Maximum performance with the most efficient automation solution.

Rely on an overall concept where intelligent software provides continuously high performance and maximum process reliability.

Established standard truck used as basis

- The basic ERE electric pedestrian pallet truck in combination with comprehensive safety technology as well as automation and navigation components.
- Future-proof investment through design of safety equipment in accordance with current standards.
- Simple manual operation in mixed mode is performed via the standard controls of the production truck.

Efficient drive technology and equipment

- 2.8-kW 3-phase AC drive motor.
- Capacity up to 2,500 kg.
- Sturdy design with steel frame and enclosed frame contours.

Lithium-ion technology

- High availability thanks to extremely short charging times.
- The use of automated charging means no battery exchange is required.
- Cost savings due to longer service life and zero maintenance when compared to lead-acid batteries.
- No charging rooms and ventilation required as there is no build-up of gas.



Safety

Best conditions for working safely.

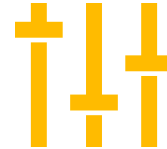
Safety components installed in the truck ensure that you can use the EREa in mixed operations with manual trucks and pedestrians.

Safety system in the truck

- Depending on the speed, the standard personal protection scanner in the drive direction scans the travel route in front of the AGV for obstacles.
- Should an obstacle be located in the path of the truck, the AGV will reliably come to a halt in front of it.
- The sensor also scans ahead for obstacles when cornering.
- Emergency disconnect on the truck.

Process reliability in the warehouse

- Everything at a glance with the AGV control panel.
- The graphic display on the AGV control panel displays all the information relating to the AGV in use.
- Quick overview of the status of pending transport tasks.
- Prioritised orders can be entered and processed in the corresponding order.
- Depending on the project-specific requirements, individual customer functions can be specially implemented and activated for the respective system.



Individuality

An automated solution as individual as your business.

Our Automated Guided Vehicle systems adapt individually to your IT and network landscapes.

Simple system integration

- Integration into existing IT and network landscapes possible.
- Effortless connection to existing WMS / ERP system via Jungheinrich Logistics Interface.
- The existing WLAN structure can be used for communication.

Precise navigation

- Precision positioning of trucks and loads at the defined stations.
- Different navigation types can be used as hybrid navigation.
- Project and environment-specific design and implementation.

Optional additional equipment

- Charging contact plates on the AGV for automatic battery charging.
- Floor-Spot.
- Bar code scanner.
- Obstacle detection scanner.

Overview

The right solution for your applications:

Name	ERE 225a
Load capacity/load	2500 kg
Lift height (max.)	125 mm
Retracted mast height (h1)	2230 mm
Overall length	3666 mm
Overall width	965 mm
Height, lowered	90 mm
Service weight (incl. battery)	1240 kg
Travel speed unladen	7.2 km/h
Travel speed laden	7.2 km/h
Voltage	24 V

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified.

ISO 9001
ISO 14001

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