

Electric pedestrian stacker

ERC 214bi-216bi

Lift height: 2400-6000 mm / Load capacity: 1400-1600 kg

LI-ION technology

JUNGHEINRICH

The electric stacker truck
for large tasks.

The ERC wide-tread model. Perfect for special loads.

The powerful ERC bi electric stacker truck is equipped with lithium-ion technology as standard – for a revolutionary, extremely compact truck design. This stacker truck is very manoeuvrable, enabling it to master a wide range of tasks. The laterally offset support arms allow the forks to be lowered to the ground. The ERC bi can therefore pick up special loads and drive under closed pallets with great flexibility. The ERC wide-tread models are designed for stacking and retrieval operations at heights of up to 6 metres. They facilitate the transport of goods over medium to long distances. Perfect ergonomics are ensured by the stable, cushioned stand-on platform and smartPILOT with automatic centring, which enables one-handed truck control. Thanks to good visibility through the mast and the panoramic window (optional) in the overhead guard, the operator always has a great view during the stacking process.



No worries. No compromise.

The Jungheinrich Li-ion Guarantee Plus provides you with a long-term performance promise of up to 8 years on our high-quality lithium-ion batteries. We are certain that the high performance and long service life of our lithium-ion technology will convince you. This is why we guarantee that you can easily and quickly switch back to your original technology at any time within 6 months of delivery.



Use your data to your advantage.

Utilise the data from your trucks to save time, energy and costs and increase efficiency. Our Telematics box (ex works) provides you with a free fleet management starter package that can be flexibly expanded with various hardware and software components.

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

All benefits at a glance

- Compact & powerful with Li-ion battery.
- Suitable for the transport of special loads.
- Suitable for closed pallets / transverse Euro pallets.
- Intelligent stacking assistance systems ensure safety.
- Smart ergonomic features for fatigue-free operation.

Your Jungheinrich stacker truck
for maximum customer benefits.

Efficiency

Maximum performance with the most efficient trucks.

A revolution in the warehouse: the world's first stacker truck with a lithium-ion battery. For performance and efficiency at the highest level.

Lithium-ion technology
- Significantly shorter truck dimensions due to elimination of the battery compartment.
- Easy manoeuvring in the racking aisle.
- More efficient planning and use of space in the warehouse (narrower work aisles possible).
- High availability thanks to extremely short charging times.
- Cost savings due to longer service life and low maintenance requirement.
- Comfort charging concept: charging interface is ergonomically located for fast and frequent booster charging.
- Battery is easily accessible and can be removed in a few easy steps if necessary.

Maximum goods throughput
- Top speeds of 12 km/h and powerful acceleration with drivePLUS (standard).
- Simple, intuitive operation.
- Extensive support for storing and removal.

High-performance mast
- Outstanding stability, fast lifting and lowering as well as excellent visibility through the mast.
- Exceptional residual capacity at high heights.
- Smooth mast transition thanks to hydraulic mast retraction cushioning.
- Laterally offset support arms ensure extra stability when travelling and lifting.

Additional options

Safety

Best precondition for working safely.

Optional assistance systems not only increase the precision and speed of complex operations, but also increase safety for operators, goods and warehouses.

Safe operation
- Adjustment of travel speed depending on the load and direction of travel.
- New warning concept consisting of three components: visual (display), audible (sound signal) and tactile (vibration in the tiller handle) in the event of overload.

Optional assistance systems
- operationCONTROL: Display of lift height, load weight and residual carrying height incl. warning if nominal and residual capacity is exceeded.
- positionCONTROL: Rack height select incl. height indicator.

Fixed stand-on platform
- 3-sided protection for maximum safety of the operator.
- Comfortable lateral standing and driving position for improved ergonomics.
- Platform suspension (optional) is individually adjustable to the weight of the operator, ensuring joint and back-friendly travel.
- Foot protection laser (optional): automatic reduction of the travel speed when feet protrude from the platform.

Overhead guard as per DIN ISO 6055
- Robust roof for maximum protection from falling loads.
- Available with cross beams or panoramic window for optimised visibility (optional).

Additional options

Individuality

A forklift truck as individual as your business.

The revolutionary new vehicle geometry of the ERCbi offers increased potential for ergonomic operation. The fixed stand-on platform provides support and comfort especially for longer periods of use.

Ergonomic workstation
- Generous storage compartments and storage opportunities on the options bracket or overhead guard.
- Attachment of brackets for mounting additional equipment.

smartPILOT steering
- Easier and more intuitive manoeuvring, especially when cornering.
- More compact tiller arm with optimal access to the truck's functions and automatic centre positioning.
- Off-centre arrangement for a comfortable, safe and ergonomic standing position.
- Height-adjustable tiller arm.

Multifunctional display
- 4-inch display with language-neutral icons showing battery charge status with residual time display, hourmeter and time.
- Optional 6-inch display in operator view indicating lift height, load weight and residual carrying height.

Flexible with special loads
- Laterally offset support arms and forged forks that can be lowered to the ground.
- Perfect for the handling of special loads, transverse Euro pallets or closed pallets (UK, US).
- ISO fork carriages provide diverse adaptation options for a wide variety of applications.

Additional options
- Increased ease of use with optional sprung stand-on platform to reduce the vibrations felt by the operator.

Overview

The right solution for your applications:

Name	Load capacity/load	Lift height (max.)	Travel speed unladen	Aisle width (pallet 800x1200 length)	Lift speed unladen
ERC 214bi	1400 kg	6000 mm	12 km/h	2682 mm	0.35 m/s

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

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