

Electric pedestrian stacker with support arm lift

ERC 214zi–216zi

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

LI-ION technology

JUNGHEINRICH

The electric stacker truck

with a double surprise.

The powerhouse with additional lift – for increased throughput.

The powerful ERC zi electric stacker truck is equipped with lithium-ion technology as standard – for a revolutionary, extremely compact truck design. This manoeuvrable truck is versatile and designed for safe stacking and retrieval operations at heights of up to 6 m. It can transport goods over medium to long distances and is suitable for order picking. An additional lifting mechanism on the support arms enables two pallets to be picked up instead of just one, thereby increasing efficiency and throughput. Its increased ground clearance enables the ERC to overcome thresholds, unevenness or ramps with ease. Intelligent stacking assistance systems make load handling easy and safe. Perfect ergonomics are ensured by the stable, cushioned stand-on platform and smartPILOT with automatic centring, which enables one-handed truck control. Good visibility thanks to the panoramic window (optional) and unrestricted forward view.



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.

Warranty conditions

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

All benefits at a glance

- Compact & powerful with Li-ion battery.
- High throughput with double-decker transport.
- More ground clearance for ramps, thresholds, uneven ground.
- Intelligent stacking assistance systems ensure safety.
- Smart ergonomic features for fatigue-free operation.

Your Jungheinrich stacker truck

for even more power.



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.
- 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 stacking and retrieval.

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.

Additional options

- Cold store version.
- Built-in charger.



Safety

Best conditions 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, innovative warning concept consisting of three components: visual (display), audible (sound signal) and tactile (vibration in the tiller arms) in the event of overload.

Optional assistance systems

- operationCONTROL: display featuring lift height, load weight and residual carrying height, including warning if nominal and residual capacities are exceeded.
- positionCONTROL: lift height selection including height display.

Fixed stand-on platform

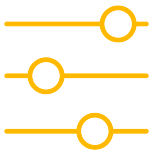
- 3-sided protection for maximum safety of the operator.
- Comfortable sideways standing and driving position for improved ergonomics.
- Platform suspension (optional) is individually adjustable to the weight of the operator, ensuring joint and back-friendly travel.
- Foot protection laser (optional): 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 panorama roof window for optimised visibility.

Additional options

- Load guard available in different heights.
- FloorSpot.



Individuality

A forklift truck as individual as your business.

The revolutionary new vehicle geometry of the ERCzi 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 additional equipment.
- Low platform height and generous entry width for easy access.

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 head.

Multifunctional display

- 4-inch display with language-neutral icons for the display of battery charge status with residual time display, operating hours and time.
- Optional 6-inch display in operator view indicating lift height, load weight and residual carrying height.

Additional ground clearance with support arm lift

- Support arms can be lifted independently of the forks.
- More ground clearance (overcoming uneven floors, thresholds, ramps).
- Optional double-decker transport for higher throughput.
- Powerful support arm lift: 2 t load capacity.

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 214zi	1400 kg	6000 mm	12 km/h	2645 mm	0.35 m/s
ERC 216zi	1600 kg	6000 mm	12 km/h	2645 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.

CE

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