Electric pedestrian stacker

ERC 212b-220b

Lift height: 2400-6000 mm / Load capacity: 1200-2000 kg

LI-ION technology

JUNGHEINRICH

The multi-purpose stacker truck
middle-distance truck.

Moving and lifting cargo safely and efficiently.

The flexible and efficient ERC 2b pedestrian stackers are specifically designed for the handling of special goods. Their support arms are laterally offset and their forged forks can be lowered completely to the ground. This makes it possible to pick up load units from below. The forks are available in different variations. Our assistance systems also guarantee the following: operationCONTROL warns the operator when the residual capacity is exceeded, while positionCONTROL enables the selection of a predefined lifting height for safe and efficient load handling. The strong and particularly precise lift motor allows for very gentle lifting and lowering of cargo at heights up to 6 metres. In addition, both the four-wheel concept and optional assistance systems such as the overload warning system operationCONTROL or the lifting height preselection positionCONTROL ensure more safety and efficiency in everyday warehouse operations.

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

- Powerful, maintenance-free 3-phase AC drive motor.
- Lifting of enclosed pallets or cross pallets.
- Proportional hydraulics for accurate lifting and lowering.
- Safe operation at crawl speed with the tiller raised.
- Customised adaptation to a wide variety of applications.

Your Jungheinrich stacker truck
for maximum customer benefits.

Efficiency

Maximum performance with the most efficient trucks.

The ERC is fast, strong and economic due to drive and lift motors with 3-phase AC technology – and even more efficient, especially in multi-shift operation.

Intelligent control and advanced drive technology

- A modern 3-phase AC drive motor for greater performance and simultaneously reduced operating costs.
- High efficiency levels with excellent energy management.
- Powerful acceleration.
- Rapid direction change.
- Roll-back protection on gradients.
- Increased travel speed and acceleration thanks to drivePLUS (11 km/h instead of 9 km/h) and load-dependent driving and steering behaviour.

Long operating times with lead-acid battery

- Long service life with high battery capacities up to 375 Ah.
- Built-in charger (24 V) for wet cell batteries and maintenance-free batteries for easy charging at any 230-V mains socket (optional).

Available with lithium-ion technology

- High availability thanks to extremely short charging times.
- No battery exchange required.
- Saving costs due to longer service life and zero maintenance as compared to lead-acid batteries.
- No charging rooms and ventilation required as there is no build-up of gas.

Safety

Best prerequisites for working safely.

Fully focused on stacking at great heights due to the intuitive design of the multifunctional tiller arm.

Easy stacking and retrieval

- Intuitive control of all lifting and lowering functions with the multifunctional tiller arm.
- Precise and gentle lifting of the load by speed-controlled hydraulic motor.
- Gentle depositing of loads using proportional hydraulics.
- Four-wheel concept for high stability.

Comfortable and safe operation

- Fatigue-free work due to electric tiller steering.
- curveCONTROL automatically reduces the speed when cornering.
- The sprung stand-on platform effectively removes strain on the operator's spine.
- Soft lined side arms (optional) ensure a comfortable posture when cornering.
- Lifting and lowering of the forks as well as driving by touch operation on the options bracket during order picking (optional).

Always informed

- 6-inch additional display including load display (optional) for assistance systems.
- Standard display for indication of battery charge status, number of operating hours and event messages.
- Choice of 3 travel programmes.

Individuality

A forklift truck as individual as your business.

The balance between manoeuvrability and comfort in these trucks is perfectly matched to your individual application scenarios.

Wide-tread version

- Laterally offset support arms and forged forks that can be lowered to the ground.
- For flexible handling of special loads, transverse Euro pallets or closed pallets (UK, US).

Flexible options in ride-on mode

- Model 1: Folding stand-on platform without side arms, travel speed 6 km/h.
- Model 2: Folding stand-on platform with side arms (optional), travel speed 7 km/h.
- Model 3: Folding stand-on platform with side arms and high drivePLUS speed (optional), travel speed 11 km/h.

Flexibility in pedestrian mode

- The stand-on platform and side arms can be folded in when used in confined spaces.
- Leading the vehicle at a speed of 4.4 km/h.

Additional Equipment

- Twin roller support wheels to reduce wear.
- Cold store version.
- Load guard.
- Wear protection of fork skids.

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 212b	1200 kg	4700 mm	6 km/h	2302 mm	0.4 m/s
ERC 214b	1400 kg	6000 mm	6 km/h	2372 mm	0.3 m/s
ERC 216b	1600 kg	6000 mm	6 km/h	2372 mm	0.3 m/s
ERC 220b	2000 kg	6000 mm	6 km/h	2372 mm	0.34 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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