

Electric pedestrian stacker with support arm lift

ERC 212z–220z

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

LI-ION technology

JUNGHEINRICH

The versatile all-rounder

for middle distances.

Moving and lifting cargo safely and efficiently up to heights of 6 metres.

The efficient and versatile ERC electric pedestrian stacker trucks are particularly well suited for the economic transport of goods over longer distances as well as for stacking and retrieval operations at higher racking levels. Equipped with a folding stand-on platform or optional support arm lift, they can be used very flexibly over middle distances.

Thanks to the increased ground clearance, uneven ground and ramps can also be negotiated without any problems. On request, the additional support arm lift enables the double-decker transport of two pallets at the same time for a significant acceleration of throughput.

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 need to worry. No compromises

The Jungheinrich Li-ion Guarantee Plus provides you with a long-term performance promise of up to 5 years on our high-quality lithium-ion batteries, so that you can focus fully on your tasks without worry.



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

- Efficient stacking and retrieval at lift heights up to 6 m.
- Manoeuvrable and compact due to small dimensions.
- Ergonomic working due to folding stand-on platform.
- Efficient double-decker transport with support arm lift.
- Enhanced warehouse safety thanks to intelligent assistance systems.

Your Jungheinrich stacker truck

for maximum customer benefits.

Efficiency

Maximum performance with the most efficient trucks.

The drive and lift motors with 3-phase AC technology not only make the ERC fast, strong and economical but also even more efficient, especially in multi-shift operation.

Intelligent control and advanced drive technology

- Modern 3-phase AC drive motor for greater performance and simultaneously reduced operating costs.
- High efficiency 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).
- Lateral battery exchange option for intensive multi-shift environments (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 preconditions for working safely.

The intuitive design of the multifunctional tiller arm enables your operator to fully focus on stacking at great heights.

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 mode 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.
- Activation of the truck by EasyAccess via softkey, PIN code or optional transponder card.

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.

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.
- Operating the truck at a speed of 4.4 km/h.

Versatile with support arm lift

- An additional lifting mechanism raises the support arms independently of the forks.
- Double-decker transport of 2 pallets simultaneously (optional).

Additional Equipment

- Tandem for support wheel 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 212z	1200 kg	4700 mm	6 km/h	2302 mm	0.4 m/s
ERC 214z	1400 kg	6000 mm	6 km/h	2323 mm	
ERC 216z	1600 kg	6000 mm	6 km/h	2323 mm	0.3 m/s
ERC 220z	2000 kg	4800 mm	6 km/h	2323 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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