

Electric pedestrian stacker with support arm lift

ERD 120/220/220 drivePLUS

Lift height: 1500-2905 mm / Load capacity: 2000 kg

LI-ION technology

JUNGHEINRICH

The specialist

for double-deck applications.

For the efficient transport of cargo over longer distances.

The versatile and powerful electric ERD stackers count among the most customisable stackers in the Jungheinrich portfolio. Depending on the application scenario, platform, motor, battery compartment and mast frame can be tailored to meet your individual requirements.

With our driveCONTROL option, for example, driving speed can be increased remarkably. In combination with double-deck transports, this allow for two pallets to be moved at once, which leads to an extraordinary level of efficiency. Due to their compact format, the ERD trucks remain manoeuvrable and are also perfectly suited for loading and unloading trucks.

The powerful 3-phase AC motor delivers constant and high performance while keeping operating costs low. Due to the maintenance-free motors without carbon brushes, you can rely on long operating hours. The needed energy comes either from our long-lasting lead-acid batteries or, if requested, from our advanced lithium-ion batteries.



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

- Double-decker loading of HGVs, transport of goods or use of trucks.
- Efficient drive concept.
- Versatile truck configuration.
- Flexible and manoeuvrable.
- Different platform variants.

Your Jungheinrich stacker truck

for maximum customer benefits.

Efficiency

Maximum performance with the most efficient trucks.

Due to 3-phase AC and optimised coordination between all components these stackers are fast and economic for the most efficient cargo handling in your warehouse.

Intelligent control and advanced drive technology

- High efficiency levels with excellent energy management.
- Powerful acceleration.
- Rapid direction change.
- Roll-back protection on gradients.
- No carbon brushes – maintenance-free drive motor.

Long operating times with lead-acid battery

- Battery capacities from 200 Ah to 465 Ah guarantee long operating times.
- The built-in charger for wet cell batteries and maintenance-free batteries guarantees easy charging at any 230-V mains socket (optional).
- Lateral battery exchange, e.g. for 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 prerequisites for working safely.

From the optimised handling when cornering to the precisely adjusted hydraulic system these stackers contribute widely to warehouse safety.

Easy stacking and retrieval

- Pallet stop on the frame for quick and precise positioning of two stacked pallets.
- 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.
- Five-wheel concept for high stability.

Safe operation

- Optimised and safe cornering speed thanks to load-dependent curveCONTROL (with ERD 220 and 220 drivePLUS).
- Regulated hydraulics (optional) for smooth depositing of the load and precise pallet positioning in the racking.
- Optional integrated dayLED daytime running lights for better visibility in poorly lit areas.
- Active foot protection: Speed reduction when feet are outside the truck (optional).
- Activation of truck by EasyAccess via softkey, PIN code or transponder card (optional).

Always informed

- 2-inch display used as central display and adjustment instrument offers the user full control at a glance.
- Battery charge status, number of operating hours and event messages.
- Choice of 3 travel programs.
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Individuality

A forklift truck as individual as your business.

These especially flexible stackers from Jungheinrich are equipped with numerous customisable options for versatile application scenarios.

Versatile with support arm lift

- 2nd lift mechanism to raise the support arm lift independently of the forks.
- Easy crossing of uneven grounds, ramps or loading bridges.
- Double-decker transport of 2 pallets simultaneously.

Various truck features

- 4 platform versions (foldable, compact, extended and order-picking platform).
- 3 drive versions for powerful acceleration and travel speeds up to 14 km/h.
- Increased ease of use with optional sprung stand-on platform to reduce the vibrations felt by the operator.

3 battery compartment sizes for batteries from 200 Ah to 465 Ah.

- 14 masts up to 2900 mm lift height.
- 2 fork lengths (1150 and 1190 mm).

Additional Equipment

- Load guard in 2 heights.
- Option mount on the battery lid.
- Robust, universally applicable option bracket.
- Spotlight for HGV illumination.
- Shrink wrap holder.
- A4 writing pad.
- Magnetic storage compartment.
- Climbing aids for pallet traverse entry.

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
ERD 120	2000 kg	2905 mm	9 km/h	2310 mm	0.32 m/s
ERD 220	2000 kg	2905 mm	12.5 km/h	2310 mm	0.32 m/s
ERD 220 drivePLUS	2000 kg	2905 mm	14 km/h	2310 mm	0.32 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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