Electric pedestrian stacker with support arm lift

ERD 220i

Lift height: 1660-3760 mm / Load capacity: 2000 kg

LI-ION technology

JUNGHEINRICH

A truck without compromise.

Compactness, ergonomics and safety like never before.

The ERDi is an innovation that fulfils many requirements in just one industrial truck. A double-decker truck which combines ultra-compact dimensions with maximum three-sided protection and a spacious stand-on platform. Where there previously was a large and heavy battery tray, the compact lithium-ion battery modules now blend elegantly into the truck design. A pioneering concept for which Jungheinrich has received several awards.

A particular highlight is the detection of the HGV's surroundings: the truck brakes automatically, making intensive ramp travel much easier on the back. In poorly lit HGV interiors, the spotlight comes on automatically, making it easier to pick up pallets.

When there is a lot of activity in the transshipment warehouse, the ERDi with its ultra-compact dimensions takes up very little space, while at the same time it keeps operators safely protected. The ERDi can pick up two pallets stacked one on top of the other, reaching racking heights of up to 3,760 mm thanks to its triplex mast – greater performance is impossible.

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

- Most compact truck in its class.
- Spacious stand-on platform with stable three-sided protection.
- Specially designed for demanding HGV use.
- Best performance values on the market.
- Flexible mast which reaches to the 3rd racking level.

Your Jungheinrich stacker truck
for maximum customer benefits.

Safety

Best conditions for working safely.

Despite smaller overall dimensions, no limitations have been placed on the operator compartment. In addition, the operator receives significantly greater protection.

Three-sided protection

- Fixed side walls in solid steel protect the operators on three sides.
- Spacious stand-on platform so that operators always remain within the truck contours. Minimised accident risk.
- Optional: foot protection sensor for reducing speed as soon as a foot protrudes above the stand-on platform.
- Optional overhead guard for protection from falling loads. (Required from lift height > 1,800 mm)

In the HGV

- Smooth, back-friendly ramp travel thanks to automatic reduction of the travel speed.
- Optimum visibility due to automatic switching on of the working light. For fast and safe picking up of pallets without blinding the operator.

Load handling (operationCONTROL)

- Multifunctional colour display clearly shows lift height, load weight and residual carrying height (optional).
- Triple warning of overloading: acoustic, sensory, visual (optional).

Passive safety

- Integrated Floor-Spot announces approaching ERDi. Prevention of collisions with people and trucks.

Individuality

A forklift truck as individual as your business.

The ERDi operates with great versatility: in HGVs, in warehouses, transporting over longer distances.

Platform variants

- Two versions (compact and super compact), both at least as spacious as the preceding model and with high steel side protection.

Ergonomics

- Ergonomically shaped, softly padded operator position provides support in every driving situation.
- Ideal as body support when standing sideways or when changing direction frequently in forward-facing position.
- Optional: cushioned platform with suspension adjustable to the individual operator.

Flexible triplex mast

- Significant expansion of the possible applications.
- In the HGV: compact overall height and free lift for prompt loading and unloading.
- In the warehouse environment: stacking up to the third racking level with lift heights up to 3,760 mm.

Workplace

- Variety of storage options, front and in the side walls.
- Optional: USB interface and options bracket for attaching extra equipment such as shrink wrap holder, A4 writing board or terminals.
- Optional touch mode to facilitate order picking tasks.

Other

- Decentralised charging at any socket with optional built-in charger.
- Can also be used in the cold store down to -28°C.

Efficiency

Maximum performance with the most efficient trucks.

Thanks to pioneering lithium-ion battery design, the ERDi is up to 300 mm shorter than comparable trucks and therefore faster and more efficient when handling goods.

Dimensions

- Smaller dimensions allow for more efficient use of space.
- High manoeuvrability for precise control in front of and in the HGV or in confined warehouse environments.
- Great agility for faster work processes and increased productivity.

Lithium-ion technology

- Zero maintenance and extremely short charging times.
- Easily accessible comfort charging interface for frequent booster charging.

Driving on ramps

- Sturdy frame and sprung drive unit withstand even the toughest applications.
- Optimised weight distribution and intelligent 5-wheel chassis ensure optimum traction and perfect handling on every ramp.

Performance

- Powerful acceleration and top speeds of up to 14 km/h for dynamic goods throughput.
- Fast and precise lifting and lowering of loads.
- Efficient double-decker transport: handling of two pallets simultaneously (2 x 1,000 kg).

Operation

- Short training times and easy working thanks to intuitive smartPILOT steering with automatic centring and height adjustment as standard.
- All truck functions can be operated with one hand.

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 220i	2000 kg	3760 mm	12.5 km/h	2574 mm	0.37 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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