

# Electric stand-on/sideways-seated pallet truck

## ESE 430

Lift height: 115 mm / Load capacity: 3000 kg

LI-ION technology

JUNGHEINRICH

# The powerhouse for
# high-volume applications.

**Safe multi-pallet transport for long distances.**

Our reliable and agile ESE Series 4 electric transverse-seated pallet trucks are ideal for multi-pallet transport during longer shifts or over long distances. A 48-V 3-phase AC motor ensures dynamic work processes and high end speeds with maximum throughput.

Choose sustainable, maintenance-free battery technology: thanks to state-of-the-art lithium-ion batteries, you can benefit from short charging times, best performance and high profitability with our ESE trucks.

The easily accessible comfort charging interface enables rapid booster charging at any time, while ergonomic highlights such as the optimised steering wheel position, easy-to-reach controls and a multifunctional operator display make working with the ESE 4 highly efficient.




**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

- Multi-pallet transport with up to three pallets.
- High travel speeds up to 14 km/h thanks to 48-V 3-phase AC technology.
- Available with advanced lithium-ion technology.
- 180° / 360° steering for quick direction changes.
- Ergonomic operator position with high degree of comfort.

# Your Jungheinrich pallet trucks

## for maximum customer benefits.

## Efficiency

Maximum performance with the most efficient trucks.

Stay competitive with the ESE 4: thanks to lithium-ion technology, the batteries of the transverse-seated truck convince with a three times longer service life compared to conventional energy storage devices.

**Powerful 3-phase AC technology**

- Powerful acceleration and high drive dynamics.
- Top speeds of up to 20 km/h.
- Maintenance-free 3-phase AC motors without carbon brushes.

**Advanced lithium-ion technology**

- Lithium-ion batteries with power between 48 V 390 Ah and 520 Ah.
- Fast and booster charging via the integrated comfort charging interface during breaks or downtime for maximum truck availability.
- Reliably high performance even when not fully charged.
- No battery care and maintenance costs.
- Also available with lead-acid battery.

**Effective truck protection**

- EasyAccess Softkey access system to protect against unauthorised use.
- Assignment of drive authorisations directly via the truck display.
- Universal truck key no longer required.
- Energy-saving function with automatic switch-off after 5 minutes for all EasyAccess access systems.

## Safety

Best conditions for working safely.

Reliable helper for your daily operations: thanks to its robust construction, individually adjustable travel programs and forward-thinking assistance systems, the ESE Series 4 ensures maximum safety when working.

**Robust and safe**

- Robust frame for continuous use at full rated load.
- Torsion-resistant forks manufactured with strong reinforced steel, available in different versions.
- Marking on forks for easy entry into pallets.

**Reduced maintenance costs**

- Easily accessible components.
- Large, easy to open service hatches.
- Maintenance-free 3-phase AC drive motor without carbon brushes.

**Optimum operator support**

- Three individually adjustable travel programs for a wide range of applications.
- 4-inch truck display for showing the most important operating data such as speed, kilometres driven or operating hours.
- zoneCONTROL assistance system for efficient hazard management in the warehouse available as an option.

## Individuality

A forklift truck as individual as your business.

Whether a seat, controls or steering wheel – the ergonomic cockpit of the ESE 4 impresses with its generous space and offers maximum flexibility for operators thanks to a number of adjustment options.

**Ergonomic operator's cabin**

- Operator's seat individually adjustable according to seating position and body weight.
- Easy accessibility to all important controls.
- 180° / 360° 3-phase AC steering with improved steering wheel position.
- Options bracket with large space and fixed mounting options for additional equipment such as terminals, writing boards or shrink wrap holders.
- Steering wheel adjustment.
- USB charging socket.

**Maximum ease of use**

- Control lever for activating all hydraulic functions, selecting direction of travel and sounding the horn.
- All the controls are within the operator's field of vision and are clearly designated for each specific function.
- Precision operation due to sensitive control of all functions.

# 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 |
|---|---|---|---|---|---|
| ESE 430 | 3000 kg | 115 mm | 14 km/h | 4050 mm | 0.06 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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