



## **Electric sideways-seated stacker**

**ESC 214-316 / 214z-316z**

Lift height: 2800-6200 mm / Load capacity: 1400-1600 kg

# The compact transverse-seated truck for high lift heights.

## With initial lift for uneven floors.

Series 2 and 3 of our ergonomic and robust ESC transverse-seated stackers are ideal for intensive applications at great heights and for transport over longer distances. Thanks to their compact design and stable frame, they are perfect for demanding applications in block warehouses or confined warehouse environments.

Equipped with a powerful drive and lift motor, the ESC easily reaches high speeds and impresses with rapid acceleration when safely and efficiently transporting goods. The transverse seating position allows the operator to maintain all-round visibility at all times, while the multiPILOT enables easy changes of direction with minor steering movements.

With the Series 2, you can manoeuvre easily within narrow aisle widths, while the Series 3 enables you to enjoy the best ride comfort thanks to increased legroom.



## 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

- Display featuring steering position indicator and travel program selection.
- Maximum speed and acceleration.
- Ergonomic seating position for perfect all-round visibility.
- multiPILOT for comfortable operation.
- Initial lift available for uneven ground.

# Your Jungheinrich stacker trucks

## for maximum customer benefits.



### Efficiency

Maximum performance with the most efficient trucks.

Powerful battery technology delivers agile handling with powerful acceleration and rapid changes of direction while advanced lithium-ion technology guarantees extremely short charging times with optimised energy use.

#### Efficient energy management

- Optimum energy supply with high battery power between 360 Ah and 465 Ah in the lead-acid range.
- Quick and easy lateral battery exchange.

#### Available with lithium-ion technology

- High truck availability thanks to extremely short charging times.
- No battery exchange required.
- Cost savings due to longer service life and zero maintenance when compared to lead-acid batteries.
- No charging rooms or ventilation required as there is no build-up of gas.
- High flexibility of use due to modular concept with 130 Ah, 260 Ah or 390 Ah.
- Comfort charging socket available as standard and built-in charger as an option.



### Safety

Best conditions for working safely.

Perfect all-round visibility, combined with intuitively designed controls, guarantees maximum protection when working. The ESC safety concept is rounded off by our assistance systems.

#### Comfortable and safe travel

- Speed regulation and precise control of the travel speed by impulse control system for maximum safety when in motion.
- Roll-back protection on gradients with automatically activated brake.
- Constant travel speed on gradients or descents.
- Grab handle for safe entry and exit.

#### Simple operation and excellent all-round visibility

- Operation of all travel and lift functions via multiPILOT without changing grip.
- Excellent all-round visibility and good view through the mast and overhead guard for the operator.
- Proportional hydraulics with lift height display for precise load positioning.
- Easy-to-operate electric steering.
- Protected seating position within the enclosed contours of the truck.

#### Assistance systems increase your safety

- Superior mastery of every curve in load-independent cases thanks to curveCONTROL.
- Efficient hazard management with the optional zoneCONTROL.
- Minimised collision damage with the steering position indicator in the display.
- Avoidance of collisions with the help of the Floor-Spot warning zone lights.



### Individuality

A truck as individual as your business.

Because every application is different, we have built our ESC trucks so they can adapt effortlessly and flexibly to any situation. Should you need to overcome uneven ground, we recommend our optional initial lift version.

#### Performance-enhancing ergonomics

- With the operator positioned sideways to the direction of travel, optimum visibility is ensured and potential neck pain prevented.
- Safety switch in the foot-well for maximum safety.
- Comfort seat with weight adjustment and upholstered knee and arm area.

#### Versatile utilisation and excellent manoeuvrability

- To effortlessly overcome uneven ground, the version with initial lift has support arms which can be raised independently of the forks.
- Short aisle width and well protected operator position for optimum application in narrow working aisles.

#### Additional equipment

- Cold store version.
- Seat heating.
- Writing pad.
- USB charging socket.

# 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 |
|----------|--------------------|--------------------|----------------------|--------------------------------------|--------------------|
| ESC 214  | 1400 kg            | 5350 mm            | 9.1 km/h             | 2383 mm                              | 0.24 m/s           |
| ESC 216  | 1600 kg            | 6200 mm            | 9.1 km/h             | 2383 mm                              | 0.24 m/s           |
| ESC 214z | 1400 kg            | 5350 mm            | 9.1 km/h             | 2398 mm                              | 0.23 m/s           |
| ESC 216z | 1600 kg            | 6200 mm            | 9.1 km/h             | 2398 mm                              | 0.23 m/s           |
| ESC 316  | 1600 kg            | 6200 mm            | 9.1 km/h             | 2403 mm                              | 0.24 m/s           |
| ESC 316z | 1600 kg            | 6200 mm            | 9.1 km/h             | 2433 mm                              | 0.23 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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