



# Electric sideways-seated stacker **ESC 214-316**

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



# The compact sideways-seated stacker for high lift heights.

With initial lift for uneven floors.

Series 2 and 3 of our ergonomic and robust ESC sideways-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 sideways seating position allows the operator to maintain all-round visibility at all times, while the multifunctional lever enables easy changes of direction with minor steering movements.

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



German quality  
made by Jungheinrich

## German Quality. Made by Jungheinrich

As one of the world's leading intralogistics companies, with more than 65 years of experience, Jungheinrich is always adhering to the concept of quality first. Choose Jungheinrich's products and services, enjoy the quality of Germany and the art of Jungheinrich right now!



Genuine parts  
with fast, reliable service

## Fast, reliable service with genuine parts

Jungheinrich services stand for partnership, trust and the highest quality. We guarantee you, our customers, to trust in our excellent service so that you can feel free to focus on your core business.



## No worries. No compromise

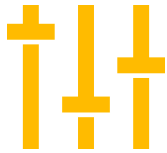
With the Jungheinrich Li-ion Guarantee Plus, we give you a long-term performance promise of up to 5 years on our high quality lithium-ion batteries, so you can completely concentrate on your tasks without worrying.

\* In accordance with our warranty terms - see website for details.

## All benefits at a glance

- 3-phase AC technology for dynamic movement
- Maximum speed and acceleration
- Ergonomic seating position for perfect all-round visibility
- Multifunctional lever for ease of operation
- Initial lift available for uneven ground

# Your Jungheinrich stacker truck for maximum customer benefits.



## 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.
- Grab handle for safe entry and exit.

### 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 aisles.

### Additional equipment

- Various storage options.
- Heated seat.
- Versatile display.
- Floor-Spot as warning zone light.



## Efficiency

Maximum performance with the most efficient trucks.

Innovative 3-phase AC 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.

### Innovative 3-phase AC technology

- Better performance combined with reduced operating costs.
- High degree of efficiency with excellent energy management.
- Powerful acceleration and rapid direction change.
- Maintenance-free drive motor without carbon brushes.

### Available with lithium-ion technology

- Cost savings due to longer service life and zero maintenance compared to lead-acid batteries.
- High availability thanks to extremely short charging times.
- No battery exchange required.
- No charging rooms or ventilation required as there is no build-up of gas.

### Long operating times with lead-acid battery

- Powerful battery.
- Lateral battery exchange on rollers.



## 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 completed by ride control and roll-back protection.

### Comfortable and safe operation

- Speed regulation and precise control of the travel speed by impulse control system for maximum safety when driving.
- Roll-back protection on gradients with automatically activated brake.
- Constant travel speed on gradients or descents.
- Energy recovery with regenerative braking.

### Simple operation and excellent all-round visibility

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

### Robustness and ease of servicing

- Easy access to controls and electronics.
- Side opening to the drive compartment.
- Robust, enclosed frame.

# Overview

The right solution for your applications:

Name	Load capacity/ load	Lift height (max.)	Travel speed un- laden	Aisle width (pal- let 800x1200 length)	Lift speed un- laden
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	2360 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.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



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