



Electric sideways-seated stacker

ESC 214 / 216 / 214z / 216z

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



The compact sideways seated stacker for tight spaces.

Transporting cargo comfortably over longer distances.

The compact and robust series 2 sideways seated stackers ESC are ideal for intense applications over long distances. Due to their compact design, with a narrow width of only 820 mm, they are ideally suited for confined warehouses such as block storage. With their solid chassis, they are well suited for challenging applications.

They are equipped with a powerful lift motor, which – in combination with the solid mast – ensures safe stacking even in great heights. For the efficient transport of goods these stackers use a powerful drive motor. Due to the 3-phase AC technology the ESC reach high speeds and fast acceleration, which contribute to the efficiency in your warehouse operation.

Frequent direction changes pose no problems either. With the sideways seated position the operator has constant all-round overview and the electric steering ensures that fewer steering movements are needed. This focus on ergonomic working conditions is a direct contribution to the safety in your warehouse.



5 years carefree. Guaranteed.

Extremely fast charging times and zero maintenance make li-ion batteries by far the most enduring energy source. With our 5-year guarantee on li-ion batteries, we give you a long-term performance promise, regardless of operating hours.



100% satisfaction. Guaranteed.

We are convinced our lithium-ion technology is right for you. That's why we guarantee that you can easily and quickly switch back to the technology you originally used at any time within the first 6 months after delivery – without giving reasons.

All benefits at a glance:

- Only 820 mm width for working in narrow aisles
- Maximum speed and acceleration
- High residual capacity and powerful lift motor
- Ergonomic seating position for perfect all-round visibility
- Particularly robust chassis for intense applications

Your Jungheinrich stacker truck for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks.

Innovative 3-phase AC technology delivers agile driving performance with strong acceleration and quick direction changes. Since the motors do not need carbon brushes, the maintenance requirements are particularly low.

Innovative 3-phase AC technology

- Better performance combined with reduced operating costs.
- High efficiency levels with excellent energy management.
- Fast acceleration.
- Rapid direction change.
- No carbon brushes – maintenance-free drive motor.
- 2-year warranty on driving motor.

Long operating times with lead-acid battery

- Powerful battery with 3 PzS 465 Ah.
- Lateral battery exchange on rollers.

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.

Intuitively designed control elements and a perfect all-round visibility contribute to the safety in your warehouse. Assistance systems and roll-back protection complement this stacker's safety concept.

Comfortable and safe driving

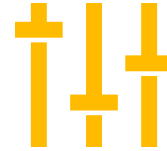
- Speed regulation with speedCONTROL impulse control system ensures maximum safety and simple travel speed control in all situations.
- Roll-back protection on gradients with automatically activated brake.
- Constant travel speed on gradients/descents.
- Energy recovery with regenerative braking.
- Particularly smooth, continuous driving.

Easy operation and good all-round visibility

- Operation of all drive and lift functions by multifunctional lever without changing grip.
- Proportional hydraulics for precise load positioning.
- Smooth electric steering.
- Protected seating position within the enclosed truck contour.
- Excellent all-round visibility with no obstructive struts; good view through the mast and overhead guard.

Narrow truck with high manoeuvrability

- With a truck width of only 820 mm, the ESC is ideal for use in narrow aisles and block storage warehouses.
- Short working aisle width and well protected operator position for optimum operation in narrow working aisles.



Individuality

A forklift truck as individual as your business.

The ergonomically designed seat with a cushioned knee area as well as the individual body weight settings offer comfort for any driver.

Productivity enhancing ergonomics

- The arrangement of the operator workstation, sideways to the direction of travel, ensures optimum visibility and reduces potential neck complaints due to frequent changes in direction.
- Safety switch in the footwell for maximum safety.
- Comfortable seat with adjustment for body weight.
- Padded armrest.
- Padded knee area.
- Grab rail for safe entry (also serves as holder for storage trays or for a data radio terminal).

Robustness and ease of servicing

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

Additional features

- Various storage options.
- Heatable seat.
- Load guard.
- Display (travel direction, steering setting, battery status, operating hours, time of day, travel programs).

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

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**