


# Electric Four-Wheel Counterbalance Forklift Truck

## EFG BC 316–330

Lift height: 3000-6500 mm / Load capacity: 1600-3000 kg

LI-ION technology

JUNGHEINRICH

# Our agile four-wheel counterbalance forklift truck

## for all applications.

**Simple and impressively powerful.**

The powerful and rock-solid EFG electric four-wheel counterbalance forklift trucks in the BC Series are perfectly suited to a wide range of transport and stacking tasks. With a capacity of up to 3 tonnes and a high residual capacity of up to 5 metres, they offer the optimum combination of stability and manoeuvrability.

A dual-motor front-wheel drive with ZF gearbox and smart control technology promises maximum performance with low consumption. The high-pivot steering axle ensures that the weight is evenly distributed across all four wheels and compensates for rough road surfaces – for maximum stability and ride safety.

Our interpretation of a high-quality truck with an optimum price/performance ratio: stringent quality tests and robust components guarantee reliable operation and low wear at all times.




**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.

## All benefits at a glance

- Robust mast feature with high residual capacity up to 5 m
- Intelligent Jungheinrich control for maximum goods throughput
- Minimised turning radius thanks to dual-motor front-wheel drive with ZF gearbox
- Increased safety and more comfort with curveCONTROL
- Curved overhead guard for optimum visibility

# Your Jungheinrich electric forklift truck

## for maximum customer benefits.



### Efficiency

Maximum performance with the most efficient trucks.

Maintenance-free electric motors with proven 3-phase AC technology, in combination with highly efficient 48-V batteries, ensure high performance with low energy consumption at all times – up to 30% more efficient than DC motors.

**Energy-efficient operation**

- Proven 3-phase AC technology for high performance with low energy consumption.
- Long operating times thanks to optimised energy efficiency.
- Energy recovery through regenerative braking.
- Jungheinrich control for excellent acceleration, optimum travel and lift speed as well as maximum throughput.

**Maintenance-free dual motors**

- Minimised turning radius and reduced tyre wear thanks to dual-motor front-wheel drive with ZF gearbox.
- Long service life even in dusty and humid environments.
- Fully enclosed and protected up to IP54.
- High torque for rapid work cycles.

**Available with lithium-ion technology**

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



### Safety

Best conditions for working safely.

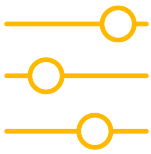
Intelligent assistance systems and various safety options such as automatic speed reduction when cornering or from a certain lift height increase safety in the warehouse.

**Comfortable and safe operation**

- curveCONTROL for automatic speed reduction when cornering.
- Deactivation of the drive and hydraulic functions if seat is unoccupied.
- High residual capacity thanks to truck's low centre of gravity in combination with the stable mast profile.
- Reliable data transfer between electronic components via interface.
- IPX5 protection rating for the entire truck.

**Additional safety functions**

- Floor-Spot for warning pedestrians in the vicinity.
- Strobe light with various modes.
- Seat belt with contact switch.
- Maintenance-free wet disc brake with high reliability and low service costs.
- driveCONTROL controls the travel speed from a defined lift height.



### Individuality

A truck as individual as your business.

Striking design, robust functions and proven quality: with our EFG BC electric forklift truck, you are choosing a truck that impresses with maximum performance and the utmost flexibility.

**Strong and concise design**

- Sturdy frame design for optimum truck stability.
- Mast and fork carrier allow a clear view of the load and the travel route.
- LED work light provides the best orientation in dark areas and reduces maintenance costs.
- The compact design and the minimised turning radius of the truck enable operation in very confined spaces.

**Various equipment options**

- Comprehensive safety package with strobe light, warning zone lights and acoustic warning signal.
- Available in cold-store version.
- Lift heights from 3,000 to 6,500 mm.
- Cabin options optimise the options for outdoor use.

# 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 | Total height |
|---|---|---|---|---|---|---|
| EFG BC 316 | 1600 kg | 6500 mm | 15 km/h | 3712 mm | 0.53 m/s | 2080 mm |
| EFG BC 320 | 2000 kg | 6500 mm | 15 km/h | 3712 mm | 0.44 m/s | 2080 mm |
| EFG BC 325k | 2500 kg | 5000 mm | 18 km/h | 3847 mm | 0.5 m/s | 2200 mm |
| EFG BC 325 | 2500 kg | 5000 mm | 18 km/h | 3967 mm | 0.5 m/s | 2200 mm |
| EFG BC 330 | 3000 kg | 5000 mm | 18 km/h | 4142 mm | 0.32 m/s | 2200 mm |

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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