Electric three-wheel counterbalance forklift truck

EFG BB 216k

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

LI-ION technology

JUNGHEINRICH

The compact assistant
for rapid transportation.

Simplicity and reliability perfectly combined.

Our solid and versatile EFG electric forklift trucks of the BB Series are ideally suited to a wide range of transport and stacking tasks. Thanks to the compact design, the manoeuvrable three-wheel counterbalance forklift truck is particularly convincing for flexible transport in confined warehouse environments.

The dual-motor front-wheel drive with ZF gearbox and intelligent control technology ensures consistently high performance with low consumption. Intelligent assistance systems and safety functions such as strobe lights or warning zone lights guarantee maximum safety during work.

In addition, the truck impresses with reduced maintenance requirements, impressive economy and low overall operating costs. Durable, high-quality components and rigorous quality testing ensure reduced wear and reliable truck operation 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

- Compact design for maximum flexibility in confined spaces
- Minimised turning radius thanks to dual-motor front-wheel drive
- Intelligent control and energy-efficient operation guarantee maximum goods throughput
- High residual capacity thanks to the truck's low centre of gravity
- curveCONTROL for more safety and increased comfort

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.
- Optimised energy efficiency for longer operating times.
- Energy recovery through regenerative braking.
- Excellent acceleration, optimum travel and lift speed as well as maximum throughput thanks to Jungheinrich control.

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 conditions.
- 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.

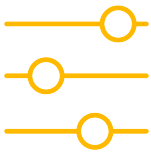
Intelligent assistance systems and various safety options enable you to increase the protection for people and goods in the warehouse: for example, with speed control of a defined lift height or when cornering.

Comfortable and safe operation

- The truck's low centre of gravity, combined with the stable mast profile, ensures a high residual capacity.
- curveCONTROL for automatic speed reduction when cornering.
- Speed reduction to 3 km/h as soon as the mast is above the platform and the forks are raised more than 800 mm from the ground.
- Deactivation of the drive and hydraulic functions if seat is unoccupied.
- 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.

Benefit from maximum flexibility with our EFG electric forklift trucks: compact truck design, selectable mast variants and individual equipment options enable adaptation to a wide range of work situations.

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 visibility 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 BB 216k	1600 kg	6500 mm	15 km/h	3348 mm	0.53 m/s	2080 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.

CE

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