

Electric Four-Wheel Counterbalance Forklift Truck

EFG 540k–S50

LI-ION technology

JUNGHEINRICH

Powerful forklift trucks

for every requirement.

Versatile and individually configurable.

Whether in one-shift or three-shift operation, whether for automotive suppliers, the beverage industry or wholesale and retail, our Series 5 electric four-wheel counterbalance forklift trucks handle the most demanding jobs with heavy loads – both indoors and outdoors. With a capacity of up to 5,000 kg and the option of using heavy attachments, they are ideally suited for in-house goods transport as well as for efficient side loading and unloading of HGVs. Thanks to maximum legroom, an ergonomically sophisticated operator position with excellent visibility and a new sound module, working with the Series 5 counterbalance forklift trucks is a pleasure, and offers maximum safety.



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

- Versatile for indoor and outdoor use.
- High level of safety even at maximum driving dynamics.
- Customisable to individual customer requirements.
- Extremely powerful and efficient.
- Heavy-duty hydraulic block for efficient work with large and heavy attachments.

Your Jungheinrich electric forklift truck

for maximum customer benefits.



Efficiency

More power from available energy.

Our advanced and durable lithium-ion technology combines maximum performance with minimum energy consumption, providing optimum travel and lift speeds and maximum productivity for your company.

Improved energy efficiency

- Impressive throughput.
- Energy recovery through regenerative braking.
- Highly efficient synchronous reluctance lift motor with permanent magnets.
- High-performance travel and lift speeds.
- efficiencyPLUS performance package for energy-efficient truck use.
- drive&liftPLUS performance package with increased travel and lift speeds.
- Available with lithium-ion or lead-acid technology.
- Increase in oil flow volume by 33% for large attachments.

Advanced lithium-ion technology

- High availability thanks to short charging times.
- Maintenance-free and up to three times longer service life in comparison with lead-acid batteries.
- Ideally suited for multi-shift operation thanks to excellent booster and rapid charging capabilities.
- Enables 10 to 20% lower CO2 emissions over the entire life cycle.
- Up to 20% lower energy consumption during charging compared to lead-acid batteries – thanks to the higher overall efficiency of the system.



Safety

Comprehensive protection for man and machine.

In addition to our tried-and-tested safety features, our Series 5 counterbalance forklift trucks offer you a range of optional assistance systems – for maximum protection in all application situations.

Maximum safety in operation

- Outstanding visibility thanks to narrower B-pillars and a strut-free panoramic roof.
- curveCONTROL reduces the travel speed when cornering, depending on the load.
- No uncontrolled rolling back on ramps or inclines thanks to the automatic parking brake.

Optional operator assistance systems and safety concepts

- Safety inspection of the truck before operation by means of a pre-operation check.
- accessCONTROL: access control system which only unlocks the truck once a sequence of safety checks has been completed: 1. Valid access code, 2. Seat switch closed, 3. Seat belt fastened.
- driveCONTROL: Travel speed control that automatically reduces speed both when cornering (curveCONTROL) and from a defined lift height.
- liftCONTROL: Lift speed control, which in addition to reducing the travel speed from a defined lift height also reduces the tilt speed of the mast and displays the tilt angle in the main display.
- Assistance systems: zoneCONTROL (stationary and mobile zone) and addedVIEW (reversing camera, fork camera and person detection camera).



Flexibilität

A truck tailored to your needs.

Individual and adaptable operating options, operator-oriented concepts and an ergonomic workplace make our Series 5 counterbalance forklift trucks indispensable in day-to-day operations.

Individually adjustable operating concept

- Selection of 5 freely configurable travel programs.
- Stepless single-point adjustment of armrest and steering column in two axial directions.
- A choice of 3 different operating controls.
- Adjustable lever and axle assignment of the controls.
- Single or double pedal operation.

Ergonomic workplace

- Low, highlighted entry step with level footwell.
- Slim steering column for maximum knee and legroom.
- Full-colour TFT display with self-explanatory user interface.
- Compact mast profiles with excellent visibility.
- New glass door concept and narrower B-pillar.
- Operator-oriented storage concept for intuitive operation.
- Large, adjustable armrest with different upholstery fabrics and spacious storage compartment.
- External power supply via optional USB ports in the armrest and/or the side storage.
- Reduced vibrations and lower noise exposure for the operator thanks to optimised decoupling of the cabin.

Overview

The right solution for your applications:

Name	Load capacity/load	Travel speed unladen	Aisle width (pallet 800x1200 length)	Lift speed unladen
EFG 540k	4000 kg	17 km/h	4273 mm	0.45 m/s
EFG 540	4000 kg	17 km/h	4422 mm	0.45 m/s
EFG 545k	4500 kg	17 km/h	4273 mm	0.45 m/s
EFG 545	4500 kg	17 km/h	4422 mm	0.45 m/s
EFG 550	4990 kg	17 km/h	4422 mm	0.45 m/s
EFG S50	5000 kg	17 km/h	4743 mm	0.45 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.

CE

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