



# Electric four wheel counterbalance forklift truck

**EFG 535-S50**

Lift height: 2480-7500 mm / Load capacity: 3500-5000 kg

**LI-ION**  
technology

**JUNGHEINRICH**

# The high-performance forklift for tough operations.

For heaviest loads and attachments.

Our powerful and robust Series 5 electric four-wheel counterbalance forklift trucks are ideal for the toughest indoor and outdoor services. Thanks to smart mounting options, individual attachments can be fitted for transporting almost every kind of cargo.

With our PureEnergy technology concept, these high-performance trucks get the work done with optimum energy and cost efficiency. Based on measurements according to VDI cycle, they consume up to 20% less energy than comparable competitive models at maximum throughput.

The compact mast with extended field of vision and intelligent controls that adapt to each operator and application profile allow full performance with every journey. Various assistance systems and equipment options guarantee safe and efficient work – even under extreme conditions. The ergonomically perfected Series 5 EFG trucks are high-performance powerhouses for demanding operations.



## 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.

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

## All benefits at a glance

- PureEnergy concept provides optimised energy efficiency.
- Best visibility thanks to compact mast.
- Safe battery exchange without crane.
- Flexibly adjustable operating concepts.
- Ergonomic workplace for more productivity.

# Your Jungheinrich electric forklift for maximum customer benefits.



## Efficiency

Maximum performance with the most efficient trucks.

Optimum energy efficiency through needs-based configuration: Thanks to performance packages such as Efficiency or drive&liftPLUS, EFG forklifts easily leave its competitors behind.

**PureEnergy technology concept**  
For an optimal energy efficiency with a maximum of handling capacity.

- Advanced 3-phase AC technology.
- Compact control system and compact hydraulic unit.
- Needs-oriented control of the hydraulics/motors.

**Individual performance packages**

- Efficiency package with curveCONTROL.
- drive&liftPLUS package with higher drive/lifting speeds.

**Available with lithium-ion technology**

- High degree of availability thanks to extremely short charging times.
- No battery replacement required.
- Cost savings due to longer service life and low maintenance compared with lead-acid batteries.
- No charging rooms and ventilation required as there is no gas formation.



## Safety

Best prerequisites for working safely.

Various assistance systems and safety options ensure that people, goods, machines and storage facilities are always well protected.

**Safety systems**

- Automatic reduction of the travel speed when cornering thanks to curveCONTROL.
- No roll-back on ramps or inclines due to wheel stop, even when the truck is switched off (optional).
- Excellent stability thanks to extremely low centre of gravity and high pivot steer axle.

**Optional operator assistance systems**

- accessCONTROL: Access control system which only unlocks the truck once a sequence of safety checks has been completed.
- driveCONTROL: Speed control, which automatically reduces the speed both when cornering and from a defined lift height.
- liftCONTROL: Lift speed control, which reduces the travel speed as well as the tilt speed of the mast beginning at a defined lift height. The tilt angle is shown on a separate display.



## Individuality

A forklift truck as individual as your business.

Every driver is different – that's why we've created a workplace that adapts to your driver. With various operating options and assistance systems you can fully utilise the truck's potential.

**Individually adjustable operating concept**

- Selection of 5 freely adjustable travel programmes.
- Stepless single-point adjustment of armrest and steering column in 2 axes.
- A choice of 5 different control elements.
- Adjustable lever and controls angle.
- Single or double pedal operation.

**Ergonomic workstation**

- Low, highlighted entry step with level footwell.
- Slim steering column for maximum knee and legroom.
- High-resolution, high-contrast, full-colour TFT display with intuitive user interface.
- Compact nested profile package with excellent visibility.
- Unobstructed view thanks to special overhead guard design, optimised chain and hose configuration.
- Operator-oriented storage concept for intuitive operation.
- Large, adjustable armrest with different upholstery fabrics and spacious storage compartment.
- External power supply via optional USB port.
- Limited vibration as the cab is not directly connected to the frame (floating cab).

# 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
EFG 535k	3500 kg	7500 mm	17 km/h	4203 mm	0.5 m/s
EFG 540k	4000 kg	7500 mm	16 km/h	4292 mm	0.37 m/s
EFG 540	4000 kg	7500 mm	16 km/h	4422 mm	0.37 m/s
EFG S40	4000 kg	7500 mm	16 km/h	4612 mm	0.37 m/s
EFG 545k	4500 kg	7500 mm	16 km/h	4292 mm	0.37 m/s
EFG 545	4500 kg	7500 mm	16 km/h	4422 mm	0.37 m/s
EFG 550	4990 kg	7500 mm	15 km/h	4422 mm	0.37 m/s
EFG S50	5000 kg	7500 mm	15 km/h	4627 mm	0.37 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.



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The logo features a red upward-pointing arrow integrated into the letter 'J' of the word 'JUNGHEINRICH', which is written in a bold, black, sans-serif font.