Electric four wheel counterbalanced forklift truck
EFG 535-S50

Lift height: 2480-7500 mm / 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 forklifts are the ideal vehicles for heavy indoor and outdoor operations. Thanks to smart mounting options, individual attachments can be fitted for transporting almost every kind of loaded goods.

With our PureEnergy technology concept, these high-performance forklifts get the work done with optimum energy and cost efficiency. Based on test results according to VDI cycle, they consume up to 20 per cent less energy than comparable models, when reaching their maximum handling capacity.

The dynamic parameter steering, the compact lift mast with extended field of vision and intelligent controls that adapt to each driver and utilisation profile allow full performance with every ride. Various assistance systems and optional features guarantee safe and efficient work – even under extreme conditions. The ergonomically perfected series 5 EFG are high-performance power horses for demanding logistics operations.

5 YEARS GUARANTEE ON LI-ION BATTERIES

100 % SATISFACTION

LI-ION technology

GUARANTEED!

Full li-ion power.
Full conversion right.

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 this decision is right for you. That's why we guarantee that you can easily and quickly switch back to the original technology at any time within the first 6 months of delivery – without stating reasons.

All the advantages at a glance

- Optimised energy efficiency thanks to PureEnergy concept

- Best visibility thanks to compact lift mast

- Safe battery replacement without crane

- Flexibly customisable operating concepts

- Ergonomic workplace for more productivity

Your Jungheinrich electric forklift
for maximum customer benefit.

Efficiency

Maximum performance with the most efficient vehicles.

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.

Electric parameter steering
- Dynamic steering response depending on the selected driving program.
- Minimises unnecessary steering movements.
- Slim steering column creates more legroom.
- Improved energy efficiency.
- Optimised throughput.

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.

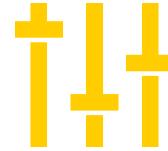## Safety

Best prepared for safe warehouse operations.

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 suitable solution for your applications:

Name	Capacity/load	Lift height (max.)	Travel speed	Aisle width (pallet 800x1200 length)	Lift speed unladen
EFG 535k	3.500 kg	7.500 mm	18 km/h	4.203 mm	0.55 m/s
EFG 540k	4.000 kg	7.500 mm	17 km/h	4.292 mm	0.50 m/s
EFG 540	4.000 kg	7.500 mm	17 km/h	4.422 mm	0.50 m/s
EFG S40	4.000 kg	7.500 mm	17 km/h	4.612 mm	0.45 m/s
EFG 545k	4.500 kg	7.500 mm	17 km/h	4.292 mm	0.45 m/s
EFG 545	4.500 kg	7.500 mm	17 km/h	4.422 mm	0.45 m/s
EFG 550	4.990 kg	7.500 mm	17 km/h	4.422 mm	0.45 m/s
EFG S50	5.000 kg	7.500 mm	17 km/h	4.627 mm	0.45 m/s

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