



Electric three-wheel counterbalance forklift truck

EFG 213-220

Lift height: 2900-6500 mm / Load capacity: 1300-2000 kg

LIION
technology

JUNGHEINRICH

The agile electric forklift for every application.

Our three-wheel forklifts for tight spaces.

Our agile and versatile series 2 electric three-wheels are the ideal helpers for rapid goods turnover in confined spaces, especially when loading and unloading HGV. Thanks to the dual wheel at the rear and the turntable steering for 180 degree turns on the spot, this high-performance truck glows with maximum manoeuvrability.

Advanced 3-phase AC technology and our progressive PureEnergy technology concept ensure optimal efficiency due to the perfect synchronisation of all vehicle components – for maximum throughput with minimum consumption. Sophisticated ergonomics with individual adjustment options, intuitive operability and the compact lift mast with best all-round visibility also allow you to make full use of the performance of your truck.

And that is not all: With lithium-ion batteries you benefit from the full power of your truck and permanently high performance thanks to fast interim charging and zero maintenance.



5 years carefree. Guaranteed.

Extremely fast charging times and zero maintenance make lithium-ion batteries by far the most enduring energy source. With our 5-year guarantee on lithium-ion batteries, we give you a long-term performance promise, regardless of operating hours.



100% satisfaction. Guaranteed.

We are convinced our lithium-ion technology is right for you. That's why we guarantee that you can easily and quickly switch back to the technology you originally used at any time within the first 6 months after delivery – without giving reasons.

All benefits at a glance:

- PureEnergy concept with optimised energy efficiency
- Compact size for maximum manoeuvrability
- Best visibility on the market thanks to compact lift mast
- Ergonomic workplace for fatigue-free work
- High flexibility thanks to individual customisation options

Your Jungheinrich electric forklift for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks.

Combined with low lifecycle costs and high productivity, our EFG take full advantage of potential savings to help optimise energy consumption while maximising performance.

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.

Professional battery management

- Simple battery replacement via lateral battery access.
- Individual replacement systems using pedestrian pallet trucks, fork lifts or cranes.
- Simple, space-saving charging.
- Easy maintenance.
- Safe, horizontal transport of the battery unit.

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

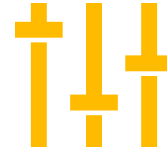
- Deactivation of the hydraulic functions if seat is unoccupied.
- No roll-back on ramps or inclines due to wheel stop, even when the truck is switched off.
- Automatic reduction of the travel speed when cornering thanks to curveCONTROL.
- Speedometer.

Safe, comfortable braking with 3 maintenance-free braking systems

- Motor brake for wear-free regenerative braking.
- Automatically engaging parking brake for secure stopping, even on ramps.
- Maintenance-free disc brake for maximum braking.

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.

Numerous optional features and individually adjustable controls help you get the most out of your truck under all conditions.

Individually adjustable operating concept

- Selection of 5 freely adjustable travel programmes.
- Stepless single-point adjustment of armrest and steering column in 2 axes.
- Adjustable lever and controls angle.
- Single or double pedal operation.
- Activation of the truck by EasyAccess via softkey, PIN code or optional transponder card.

Ergonomic workstation

- Easier steering thanks to smaller steering wheel, lower steering forces and a reduction in steering wheel revolutions.
- More legroom and reduced steering noise due to elimination of hydraulic components in the footwell.
- Height and tilt of the steering column can be adjusted to suit the operator.
- Integration of all main controls into the armrest which moves with the operator.
- Limited vibration as the cab is not directly connected to the frame (floating cab).
- Clear view of the load thanks to optimised chain and hose layout.
- Compact nested profile package with excellent visibility.
- High-resolution, high-contrast, full-colour TFT display with intuitive user interface.
- External power supply via optional USB port.

Overview

The right solution for your applications:

Name	Load capacity/ load	Lift height (max.)	Travel speed un- laden	Aisle width (pal- let 800x1200 length)	Lift speed un- laden
EFG 213	1300 kg	7000 mm	16 km/h	3235 mm	0.6 m/s
EFG 215	1500 kg	7000 mm	16 km/h	3235 mm	0.6 m/s
EFG 216k	1600 kg	6500 mm	16 km/h	3343 mm	0.6 m/s
EFG 216	1600 kg	7000 mm	16 km/h	3450 mm	0.6 m/s
EFG 218k	1800 kg	7000 mm	16 km/h	3362 mm	0.55 m/s
EFG 218	1800 kg	7000 mm	16 km/h	3469 mm	0.55 m/s
EFG 220	2000 kg	7000 mm	16 km/h	3469 mm	0.55 m/s

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**