



Electric four wheel counterbalance forklift truck

EFG 316-320

Lift height: 2900-6500 mm / Load capacity: 1600-2000 kg

LI-ION
technology

JUNGHEINRICH

The reliable all-rounder for indoor and outdoor use.

Stable and agile like no other.

The robust and efficient series 3 electric four-wheel forklifts offer the ideal combination of stability and manoeuvrability. The high-pivot steering axle distributes the weight evenly across all four wheels and also absorbs rough road bumps. Thus, you benefit from maximum stability and driving safety indoors as well as outdoors – also on uneven ground.

An excellent view of the load thanks to the compact lift mast, various assistance systems and equipment options make our EFG trucks reliable and safe helpers in your daily warehouse operations – for efficient goods turnover in any situation. Moreover, the narrow steering column offer more legroom, while the high-resolution, contrast-rich full-colour TFT display allows relaxed and fatigue-free working.

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



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 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:

- Highest stability even on uneven ground
- Best visibility thanks to compact lift mast
- Optimised energy efficiency thanks to PureEnergy concept
- Individually customisable features and controls
- Driver-oriented operation for fatigue-free work

Your Jungheinrich electric forklift for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks.

Low lifecycle costs and strong performance data ensure maximum efficiency with low environmental impact. Our series 3 EFG consume up to 15 per cent less energy than comparable competitive models.

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 prerequisites for working safely.

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

Safety systems

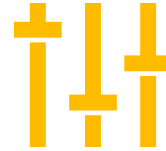
- Deactivation of the hydraulic functions if seat is unoccupied.
- No roll-back on ramps or inclines due to wheel stop, even when the truck is switched off.
- Automatic reduction of the travel speed when cornering thanks to curveCONTROL.
- Speedometer.

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.

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 3 different control elements.
- Adjustable lever and controls angle.
- Single or double pedal operation.

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 316k	1600 kg	7000 mm	17 km/h	3603 mm	0.6 m/s
EFG 316	1600 kg	7000 mm	17 km/h	3729 mm	0.6 m/s
EFG 318k	1800 kg	7000 mm	17 km/h	3623 mm	0.55 m/s
EFG 318	1800 kg	7000 mm	17 km/h	3749 mm	0.55 m/s
EFG 320	2000 kg	7000 mm	17 km/h	3749 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.



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