



Electric four wheel counterbalance forklift truck

EFG 316-320

Lift height: 2020-7000 mm / Load capacity: 1600-2000 kg

LION
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 counterbalance forklift trucks offer the ideal combination of stability and manoeuvrability – the perfect choice for fast, economical work with high lift speeds or applications with attachments.

The high-pivot steering axle ensures optimum weight distribution, resulting in maximum stability and ride safety, even on uneven ground. In addition to the powerful hydraulics, maintenance-free lithium-ion batteries with fast booster charging guarantee your truck operates at full power at all times with a permanently high performance.

The compact mast gives the operator excellent visibility of the load, while the narrow steering column provides more legroom and the high-resolution full-colour display ensures relaxed and fatigue-free working.



No worries. No compromise.

With the Jungheinrich Li-ion Guarantee Plus, we give you a long-term performance promise of up to 8 years on our high-quality lithium-ion batteries, so you can completely concentrate on your tasks without worrying.



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.

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

All benefits at a glance

- Highest stability even on uneven ground
- Best visibility thanks to compact mast
- Optimised energy efficiency thanks to PureEnergy
- Powerful lift hydraulics for maximum performance even with attachments
- Operator-oriented operation for fatigue-free work

Your Jungheinrich electric forklift truck

for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks.

Low life cycle costs and strong performance data ensure maximum efficiency with low environmental impact. Consequently, our EFG 3 uses less energy than comparable competitive models.

PureEnergy technology concept

- Optimum energy efficiency with maximum throughput.
- Advanced 3-phase AC technology.
- Compact controls and compact hydraulic unit.
- Needs-oriented control of the hydraulics or motors.
- Optional telematics box for constant overview of energy usage.

Electric parameter steering

- Dynamic steering behaviour depending on the selected travel program.
- High lift speeds for fast lifting.
- Strong hydraulic power for attachments.
- Unnecessary steering movements are minimised.
- Slim steering column creates more legroom.

Available with lithium-ion technology

- High availability thanks to extremely short charging times.
- No battery exchange required.
- Cost savings due to longer service life and zero maintenance compared to lead-acid batteries.
- No charging rooms or ventilation required as there is no build-up of gas.



Safety

Best conditions for working safely.

A number of standard safety features ensure more safety for combined indoor and outdoor use. Additional intelligent assistance systems are available as options.

Innovative safety solutions

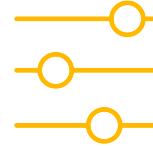
- Deactivation of the hydraulic functions if seat is unoccupied.
- Automatic parking brake prevents rolling back on ramps and slopes – even when the motor is switched off.

Maintenance-free braking systems

- Motor brake for wear-free regenerative braking.
- Automatic parking brake for secure stopping on ramps.
- Maintenance-free disc brake for maximum braking.

Optional assistance systems

- accessCONTROL for controlled truck release.
- driveCONTROL controls travel speed from a defined lift height.
- liftCONTROL for tilt cushioning and additional reduction of the tilt speed of the mast from a lift height of 1.5 m.
- Enhanced safety with best all-round visibility of the vicinity provided by Jungheinrich addedVIEW 360°.
- Jungheinrich zoneCONTROL for monitoring critical warehouse areas.



Individuality

A forklift truck as individual as your business.

Every operator is different. That is why we have created a workplace which can be flexibly adapted: thanks to various control options, the truck's potential can be fully utilised in every work situation.

Adaptable operating concept

- Five parametrisable travel programs.
- Stepless single-point adjustment of armrest and steering column in two axial directions.
- Adjustable lever and axis assignment of the controls.
- Single or double pedal operation.
- Activation of the truck by EasyAccess via Softkey, PinCode or optional Transponder card.

Ergonomic workplace

- Easier steering thanks to lower steering forces and a reduction in steering wheel revolutions.
- 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.
- Floating cab for low vibrations as the cabin is detached from the frame.
- Clear view of the load thanks to optimised chain and hose layout.
- Compact nested profile package with excellent visibility.
- High-resolution 4-inch display and USB port as standard.

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 | 0.74 m/s |
| EFG 316 | 1600 kg | 7000 mm | 17 km/h | 3729 mm | 0.74 m/s |
| EFG 318k | 1800 kg | 7000 mm | 17 km/h | 3623 mm | 0.74 m/s |
| EFG 318 | 1800 kg | 7000 mm | 17 km/h | 3749 mm | 0.74 m/s |
| EFG 320 | 2000 kg | 7000 mm | 17 km/h | 3749 mm | 0.63 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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