



# **Electric four wheel counterbalance forklift truck**

## **EFG MC 316-330**

Lift height: 3000-6500 mm / Load capacity: 1600-3000 kg



# The reliable all-rounder

## Smart counterbalance truck: stable and agile

**Stable and agile like no other.**

The robust and efficient MC series electric four-wheel forklifts offer the ideal combination of stability and maneuverability. 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, 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 throughput in any situation. Moreover, the high-resolution, contrast-rich full-color TFT display allows relaxed and fatigue-free working.



**German quality  
made by Jungheinrich**

### **German Quality. Made by Jungheinrich**

As one of the world's leading intralogistics companies, with more than 65 years of experience, Jungheinrich is always adhering to the concept of quality first. Choose Jungheinrich's products and services, enjoy the quality of Germany and the art of Jungheinrich right now!



**Genuine parts  
with fast, reliable service**

### **Fast, reliable service with genuine parts**

Jungheinrich services stand for partnership, trust and the highest quality. We guarantee you, our customers, to trust in our excellent service so that you can feel free to focus on your core business.



### **No worries. No compromise**

With the Jungheinrich Li-ion Guarantee Plus, we give you a long-term performance promise of up to 5 years on our high quality lithium-ion batteries, so you can completely concentrate on your tasks without worrying.

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

## **All benefits at a glance**

- High residual capacity up to 5m
- High throughput thanks to the great controller
- Fully enclosed AC dual motors with ZF gearbox minimize turning radius while reducing maintenance cost
- Precise hydraulic control

# Your Jungheinrich electric forklift for maximum customer benefits.



## Efficiency

### Performance

- High output AC dual-drive motors and hydraulic motors deliver outstanding power.
- Jungheinrich's unique electric-hydraulic system provides state-of-the-art fast, precise and smooth hydraulic controls.
- The rigid mast profile and low-gravity truck design provide a high residual capacity.

### Maintenance-free electric motors

Proven AC technology: dual drive motor, hydraulic pump motor. High performance, low energy consumption, less maintenance:

- High torque for rapid work cycles.
- Up to 30% greater energy efficiency than with DC motors.
- Fully enclosed and protected up to IP54. Long life, even in dusty and damp conditions.

### Highly efficient lithium-ion battery

- Produced by Jungheinrich, safe and reliable.
- Integrated battery management system.
- High-performance batteries, long life span.
- Can completely replace lead-acid batteries.
- With counterweight, no additional assembly weight required.
- Maintenance-free, easy to charge and use, high efficiency.



## Safety

### Active safety

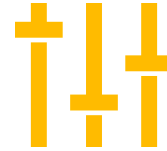
Excellent drive dynamics and performance also demand a high degree of safety:

- curveCONTROL automatically reduces travel speed when cornering.
- Deactivation of the hydraulic functions when seat is unoccupied.
- EasyAccess for authorised users only, either with PIN code or transponder card.
- Electronic and hydraulic overload protection guard.
- Emergency disconnect switch easily accessible.
- Reliable data transfer between electronic components using CAN bus technology.
- The whole truck has the IPX5 protection.

### Additional safety features

For the operator, truck and load, due to a range of optional operator assistance systems:

- Strobe light on the overhead guard.
- Red or blue spotlight to warn pedestrians in the nearby area.
- accessCONTROL: Access control system only allows driving and hydraulic operation when the safety belt is locked.
- driveCONTROL: Speed control, which automatically reduces the speed from a defined lift height.
- Wet disc brake: maintenance-free disc service brake immersed in oil provides low service cost benefits and significantly improves the reliability of the braking system.



## Individuality

### Superior operator comfort

The functionality and ergonomics of the operator environment guarantee relaxed and fatigue-free work during long shifts:

- Precise hydraulic power steering which requires the minimal amount of effort without kickback.
- Comfortable, fatigue-free operation of direction and hydraulics with soloPILOT.
- High-resolution TFT 2" display (4" as an option) provides up-to-date information on vital truck conditions at a glance.
- Adjustable steering column and comfort seat for optimum seating position. Convenient storage for documents and the operator's belongings. Moveable armrest available as an option.
- Clear view: mast and fork carriage allow for excellent visibility of the load and of the route ahead. LED working light gives best view in dark areas.

### Main options

- accessCONTROL & EasyAccess PinCode / Transponder
- drive&liftPLUS options package
- multiPILOT & duoPILOT with double pedal; full suspension seat with adjustable armrest
- USB charging interface
- Spotlight in red / blue; 4" TFT display
- Cold store version (-28°C) & tropics version (up to 50°C)
- Lead acid battery capacity 48 V / 500 - 750 Ah; lithium-ion battery capacity 48 V / 390 Ah; spacer and T-parking station (for easy lateral battery exchange)

# 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	Overall height
EFG MC 316k	1600 kg	6500 mm	16 km/h	3604 mm	0.66 m/s	2080 mm
EFG MC 316	1600 kg	6500 mm	16 km/h	3712 mm	0.66 m/s	2080 mm
EFG MC 320	2000 kg	6500 mm	16 km/h	3712 mm	0.52 m/s	2080 mm
EFG MC 325k	2500 kg	5000 mm	0 km/h	3807 mm	0 m/s	2200 mm
EFG MC 325	2500 kg	5000 mm	0 km/h	3927 mm	0 m/s	2200 mm
EFG MC 330	3000 kg	5000 mm	0 km/h	4097 mm	0 m/s	2200 mm

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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