



Electric three-wheel counterbalance forklift truck

EFG MB 216-220

Lift height: 3000-6500 mm / Load capacity: 1600-2000 kg

The high-performance forklift for every application.

Compact and manoeuvrable.

The EFG MB series is designed for versatile use in all transport and stacking operations using the latest 3-phase AC technology.

The frame allows for lateral and vertical battery exchange. For lateral battery exchange, only a pallet mover is required. This gives maximum flexibility for three-shift operation.

Low total cost of ownership, together with reduced maintenance requirements, guarantees outstanding economic efficiency.

Our EFG MB trucks offer excellent mast visibility with operators having an expanded field of vision. Thanks to the lowered design of the dashboard, visibility to the front is also optimised.

Not only do we offer robust design and future-oriented technology, but also the best conditions for ergonomic working and cost-effective solutions, both indoors and outdoors.

All benefits at a glance

- Lateral battery exchange
- Precise hydraulic control
- High-performance AC motors and the latest CAN bus technology
- Tailored performance based on application with efficiency and drive&liftPLUS models
- High residual capacity

Your Jungheinrich electric forklift for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks

Optimum energy efficiency through needs-based configuration: Thanks to performance packages such as Efficiency or drive&liftPLUS, EFG forklifts easily leave its competitors behind.

Performance

- High output AC dual-drive motors and hydraulic motors deliver outstanding driving and lifting performance.
- 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

- 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

Best prerequisites for working safely.

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

Active safety

- curveCONTROL automatically reduces travel speed when cornering.
- Deactivation of the drive and 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

- 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

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 utilize the truck's potential.

Superior operator comfort

- 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 functions 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 and reduces maintenance costs.

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	Total height
EFG MB 216k	1600 kg	6500 mm	16 km/h	3348 mm	0.66 m/s	2080 mm
EFG MB 218k	1800 kg	6500 mm	16 km/h	3348 mm	0.52 m/s	2080 mm
EFG MB 220	2000 kg	6500 mm	16 km/h	3456 mm	0.52 m/s	2080 mm