



Electric three-wheel counterbalanced forklift truck

EFG MB 216k / 218k / 220

Lift height: 3.000-6500 mm / Capacity: 1.600-2000 kg

LI-ION
technology

JUNGHEINRICH

The high-performance forklift for every application.

Compact and manoeuvrable.

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

The chassis allows lateral and vertical battery exchange. For the side battery exchange, only a pallet mover is required. This gives maximum flexibility for 3-shift operation.

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

Our EFG MB trucks offer excellent mast visibility where operators get an expanded field of vision. Thanks to the lower position dash-board design, visibility to the front is also optimized.

We offer not only the robust design and future-oriented technology, but also the best conditions for ergonomic working and cost-effective solution both indoors and outdoors.



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.

All the advantages at a glance

- Lateral battery exchange
- Precise hydraulic control
- High performance AC motors and latest Can-bus technology
- Tailored performance based on application with efficiency and Drive&Lift Plus models
- High residual capacity

Your Jungheinrich electric forklift for maximum customer benefit.



Efficiency

Performance

- High output AC dual drive motors and hydraulic motor deliver outstanding driving and lifting performance.
- Jungheinrich unique electrical hydraulic system provides the state-of-the-art fast, precise and smooth hydraulic controls.
- The rigidity imported mast profile and low gravity truck design provide the 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% higher energy efficiency than DC motors.
 - Fully enclosed and protected to IP 54. Long life, even under dusty and damp conditions.

High 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 charge and use, high efficiency.



Safety

Active safety

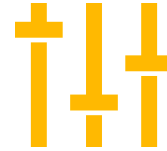
Excellent drive dynamics and performance also demand a high degree of safety:

- curveCONTROL automatically reduces travel speed when cornering.
- Deactivation of the driving and hydraulic functions if seat is unoccupied.
- easyACCESS only for authorized users, either with pin code or transponder card.
- Electronic and hydraulic overload protection guard.
- Emergency cut off switch quickly accessible.
- Reliable data transfer between electronic components through CAN-Bus technology.

Additional safety features

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

- Flash light on the overhead guard.
- Spotlight in red or blue color to warn pedestrians in the nearby area.
- accessCONTROL: Access control system only allow 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 oil emerged disc service brake provide the low service cost benefits; in meanwhile significantly improve the reliability of brake system.



Individuality

Superior operator comfort

Functionality and ergonomic of the driver environment guarantees relaxed and fatigue-free work over long shifts:

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

Main Options

- accessCONTROL & easyACCESS Pin code / transponder card
- Drive and lift plus performance package
- Multipilot & Dualpilot with double pedal; full suspension seat with adjustable armrest
- USB charging interface
- Spot light in red / blue ; 4" TFT display
- Cold store version (-28 °C) & Tropic version (up to 50 °C)
- Lead acid battery capacity 48V / 500-750ah ; Lithium-ion battery capacity 48V/390Ah; Spacer and T-parking station(for easy side battery exchange)

Overview

The suitable solution for your applications:

Name	Capacity/load	Lift height (max.)	Travel speed	Aisle width (pallet 800x1200 length)	Lift speed unladen
EFG MB 216k	1.600 kg	6.500 mm	16 km/h	3.348 mm	0.66 m/s
EFG MB 218k	1.800 kg	6.500 mm	16 km/h	3.348 mm	0.52 m/s
EFG MB 220	2.000 kg	6.500 mm	16 km/h	3.456 mm	0.52 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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