

Electric 3-wheel forklift truck

EFG MB 216k/220

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

LI-ION technology

JUNGHEINRICH

The compact all-rounder

for maximum flexibility.

Designed for efficient goods flow in confined spaces.

Electric forklift trucks in the EFG MB series are robust, versatile and ideally suited to a wide range of transport and stacking tasks. Thanks to their compact three-wheel design, they offer outstanding manoeuvrability and are the perfect choice for efficient handling in confined warehouse environments.

A powerful dual-motor front-wheel drive combined with intelligent Jungheinrich control technology ensures strong, consistent performance with low energy consumption. Advanced assistance and safety features support safe daily operation. Reduced maintenance requirements and durable, high-quality components also help keep operating costs low.

Excellent mast visibility, a low dashboard and the curved overhead guard provide the operator with an expanded field of vision. Combined with modern 3-phase AC technology, ergonomic design and numerous equipment options, the EFG MB series delivers reliable, cost-effective performance for indoor and outdoor use.

All benefits at a glance

- High residual capacity at lift heights of up to 6.5 m.
- Compact design for easy manoeuvring in confined spaces.
- Wide range of options for application-specific truck configuration and two performance packages efficiencyPLUS and drive&liftPLUS.
- Excellent visibility due to curved overhead guard, low dashboard and optimised counterweight.
- Precise hydraulic control and intelligent Jungheinrich control for maximum goods throughput.

Your Jungheinrich electric forklift truck

for maximum customer benefits.



Efficiency

High output in the smallest spaces.

The EFG MB series combines compact dimensions with strong drive power and efficient energy use. The result is fast work cycles, low consumption and high availability throughout the working day.

Powerful drive system

- Excellent acceleration, optimum travel and lift speeds and high throughput, thanks to Jungheinrich controllers and high-performance AC dual-drive and hydraulic motors.
- High torque for rapid work cycles.
- Up to 30% greater energy efficiency compared to DC motors.

Smooth and precise load control

- Optional electro-hydraulic system enables fast, precise and exceptionally smooth hydraulic operation.
- Robust mast profile and low centre-of-gravity truck design support demanding stacking tasks.

Efficient battery technology

- Energy recovery through regenerative braking.
- Lithium-ion batteries are maintenance-free, easy to charge and highly efficient.
- A convenient charging socket enables easy charging and intermediate charging as standard for lithium-ion batteries.
- Lithium-ion technology ensures high availability thanks to extremely short charging times, with no battery exchange required.
- No charging rooms or ventilation are required for lithium-ion batteries, as there is no build-up of gas.



Safety

Reliable protection for truck and operator.

The EFG MB series is designed for controlled operation and dependable safety in daily use. The stable truck construction and integrated protective functions support safe operation, even in demanding warehouse environments.

Controlled cornering and truck response

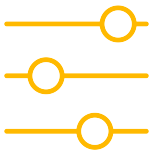
- curveCONTROL automatically reduces travel speed to up to 3 km/h when cornering.
- Low centre of gravity and stable mast profile support stable travel behaviour.
- Deactivation of the drive and hydraulic functions when the seat is unoccupied.
- Electronic and hydraulic overload protection guard.

Integrated truck protection

- IPX5 protection for the whole truck.
- Emergency disconnect switch within easy reach.
- Reliable data transfer between electronic components via CAN bus technology.
- Oil-immersed, maintenance-free wet disc brake for low service costs and long-term braking reliability.

Additional protective equipment

- Strobe light on the overhead guard.
- Red or blue Floor-Spot and Floor-Stripes to warn pedestrians in the surrounding area.
- accessCONTROL allows driving and hydraulic functions only when the safety belt is locked.
- driveCONTROL automatically reduces travel speed from a defined lift height.
- EasyAccess for authorised users via pin code, transponder card or softkey.



Individuality

Configured to match your operation.

A wide choice of control systems, comfort features and equipment packages allows the EFG MB series to be tailored precisely to different working conditions and application profiles.

Controls tailored to the task

- soloPILOT, multiPILOT and duoPILOT for application-specific control.
- Telematics box as standard for options such as fleet management systems.

Comfort throughout the shift

- Precise hydraulic power steering with minimal effort and no kickback.
- Comfortable, fatigue-free operation of direction and hydraulics with soloPILOT.
- Adjustable steering column and comfort seat for an optimum seating position.
- Adjustable armrest available as an option.
- Practical storage for documents and personal items.

Options for different environments

- drive&liftPLUS performance package.
- USB charging interface and voltage converter.
- Cabin options including heater for greater comfort in all weather conditions.
- Cold store version down to -28 °C and tropical version up to 50 °C.
- LED working lights for good visibility in dark areas with reduced maintenance costs.

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
EFG MB 216k	1600 kg	6500 mm	15 km/h	3360 mm	0.53 m/s
EFG MB 220	2000 kg	6500 mm	15 km/h	3463 mm	0.4 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.

CE

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