



Electric three-wheel counterbalance forklift truck **EFG 110-115**

Lift height: 2300-6500 mm / Load capacity: 1000-1500 kg

 **JUNGHEINRICH**

The most agile electric forklift in its class.

Compact outside and spacious inside.

The extremely compact and agile series 1 counterbalance forklift trucks are the most economical solution for the rapid turnover of goods, both indoors and outdoors. They combine maximum efficiency and flexibility with a high level of safety.

Its compact design and the 1-motor rear-wheel drive enable 180 degree turns on the spot for maximum manoeuvrability. This allows fast and accurate goods handling – and ensures highest performance even in confined spaces, especially when loading and unloading HGV. Our proven lead-acid batteries with direct access guarantee a high degree of efficiency and stamina.

The traction and lifting motors with maintenance-free 3-phase AC drive technology as well as an ergonomic cockpit with allround visibility make for safe handling and optimal working conditions. Individual adaptation options for the driver build the basis for highly efficient and ergonomic work in any storage environment.

All benefits at a glance

- 1-motor rear-wheel drive for maximum manoeuvrability
- Compact dimensions with only 990 mm width
- Panoramic lift mast for excellent all-round visibility
- Spacious workplace for efficient operations
- Maintenance-friendly battery with direct access

Your Jungheinrich electric forklift for maximum customer benefits.



Efficiency

Maximum performance with the most efficient trucks.

Low lifecycle costs, strong performance data and an ergonomically designed workstation ensure maximum efficiency with low environmental impact.

Economic driving and lifting

- 3-phase AC technology ensures optimum performance.
- Energy recovery system.
- Omission of motor fans.
- Significantly prolonged work cycles and thus fewer battery replacements.
- Progressive lowering brake valve allows consistent lowering speed with and without load.

Efficient 3-phase AC motors

- Maintenance-free drive and lift 3-phase AC motors without carbon brushes.
- Dirt, damp and water-resistant motors due to encapsulated design and electronic components complying to IP 54.
- Excellent thermal balance (fans are not required).

Significantly reduced maintenance

- One-piece metal cover ensures quick and easy access to the battery compartment.
- Prolonged service intervals: only every 1,000 operating hours or every 12 months.
- Hydraulic steering with fully encapsulated cog-wheel system.
- Maintenance and wear-free motors in AC technology.



Safety

Best prerequisites for working safely.

Our forklifts always know where to go – intelligent assistance systems and various safety options provide increased safety in your warehouse.

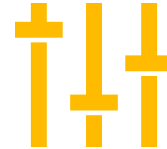
Safety features

- Full rated capacity up to 4,500 mm for EFG 115 or 5,000 mm for EFG 110k/110/113 can be achieved due to excellent stability and safety.
- Optional curveCONTROL automatically reduces the truck's travel speed when cornering.

Ergonomic workstation

Relaxed, fatigue-free work, even during long shifts:

- Standard comfort high roof for superior headroom.
- Outstanding visibility through panorama mast and fork carriage.
- Easier hydraulic power steering with 5.2 revolutions for 180 degree steering angle.



Individuality

A forklift truck as individual as your business.

Various equipment options and individually adaptable controls that fit every driver profile and work situation guarantee highly efficient warehouse operations.

Innovative steering technology

- Impulse AC technology steering allows sensitive driving.
- Programmable performance parameters ensure flexibility.
- 5 selectable travel programmes (optional).
- Also possible to smoothly operate several hydraulic functions at the same time.

soloPILOT (standard equipment)

- Combination of lifting/lowering, travel direction switch and horn functions in one control lever.
- Operation of additional functions forward/backward tilting, sideshift (optional) and additional hydraulics (optional) with controls positioned directly in line.

multiPILOT (optional)

- All drive and hydraulic functions in one central control lever.
- Smooth activation of all control commands without moving the hand.
- Ergonomically optimised handle.
- Smooth operation of several hydraulic functions at the same time.

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 110k soloPILOT	1000 kg	5500 mm	12.5 km/h	3025 mm	0.5 m/s
EFG 110k multiPILOT	1000 kg	5500 mm	12.5 km/h	3025 mm	0.5 m/s
EFG 110 soloPILOT	1000 kg	6000 mm	12.5 km/h	3079 mm	0.5 m/s
EFG 110 mul- tiPILOT	1000 kg	6000 mm	12.5 km/h	3079 mm	0.5 m/s
EFG 113 soloPILOT	1250 kg	6500 mm	12.5 km/h	3187 mm	0.5 m/s
EFG 113 mul- tiPILOT	1250 kg	6500 mm	12.5 km/h	3187 mm	0.5 m/s
EFG 115 soloPILOT	1500 kg	6500 mm	12.5 km/h	3241 mm	0.5 m/s
EFG 115 mul- tiPILOT	1500 kg	6500 mm	12.5 km/h	3241 mm	0.5 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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