



# LPG forklift truck

## TFG 425-435

Lift height: 2900-7500 mm / Load capacity: 2500-3500 kg

**JUNGHEINRICH**

# **The powerful all-rounder for extreme conditions.**

## **Low consumption and cost efficient.**

Our sturdy and efficient series 4 hydrodynamic forklift trucks impress with their high throughput performance for all kinds of transport tasks. Whether medium or long distance or extreme weather conditions – the diesel and LPG forklift trucks are reliable all-rounders, especially when it comes to outdoor applications. This is mainly due to the robust and durable Kubota industrial engines with a high-performance cooling system.

The efficiency-optimised drive axle with a wet-disc brake ensures excellent braking performance. The compact lift frame with two viewing windows offers best visibility for fast and comfortable handling of loads. Minimised noise and low emissions are additional benefits of these low-maintenance vehicles.

Hydraulic power steering for easy, precise steering, a generous footwell, optimally matched components and advanced operating technology enable focused and effective working.

## **All benefits at a glance:**

- Drive axle with maintenance-free wet-disc brake
- Optimum visibility thanks to compact mast design
- Electric parking brake for enhanced safety
- Robust and efficient Kubota industrial motors
- Functional and low-vibration workstation

# Your Jungheinrich forklift for maximum customer benefits.



## Efficiency

Maximum performance with the most efficient trucks.

Efficiency meets longevity – meet the high-performance forklift series you can always count on.

### Powerful and efficient drive concept

- Proven industrial engines from Kubota in Diesel and LPG models.
- Robust and modern engines, designed for durability, high load capacity and reliability.
- High torque at low speeds.
- Engine timing via inclined spur-toothed wheels.
- Engines with low emissions (EU stage 3A).
- Low-consumption engines and Load Sensing Technology boost energy efficiency and slows down the ageing of the oil.

### Enclosed high-performance cooling system with combi cooler

- Combi cooler in full aluminium design for motor coolant, converter and transmission oil – without plastic collecting boxes that are susceptible to wear.
- Easy cleaning due to vertical arrangement of cooling elements for engine coolant, converter and transmission oil.
- Completely closed system to prevent coolant evaporation.

Reliable operation without a reduction in performance even at extreme ambient temperatures.



## Safety

Best prerequisites for working safely.

High driving stability, excellent visibility and easy handling of the load – this is how we minimise the risks in your warehouse.

### Safe operation

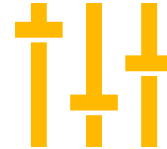
- Strut roof, overhead guard height suitable for containers.
- High pivot point of the steering axle for outstanding driving stability even during dynamic travel.
- Counterweight design with low centre of gravity for excellent stability.
- Decoupled 4-fold power train mounted on damping elements.
- Splash-proof electrics, plugs and connections.
- Easily accessible at all times, compact fuse box on the panel wall in the operator compartment.

### Lift mast with optimised field of vision

- Optimum view of the load thanks to optimised lift mast design with compact profile nesting and hose guide.
- High residual capacity at high lift heights.
- Viewing window in the free lift cylinder traverse for safe work at higher racking levels.

### Additional safety features

- Automatic hydraulic and drive interlock when the operator leaves the truck.
- Acoustic warning signal when the operator's seat is vacated before the parking brake is activated.
- Transmission is automatically placed into neutral as soon as the operator leaves the truck.
- All diesel engines comply with the EU exhaust emissions stage 3A regulations.



## Individuality

A forklift truck as individual as your business.

Benefit from maximum flexibility: Create ergonomic workplaces that adapt to every driver individually.

### Ergonomic operator workstation

- Optimum visibility in all directions.
- Generous knee and legroom thanks to slim and easily adjustable steering column.
- Effortless steering thanks to hydraulic power steering.
- Large, level foot-well with vibration-absorbing floor mat.
- Sturdy hydraulic levers positioned for easy use, even when wearing gloves.
- Optimal configuration of display and switches for additional equipment (e.g. lighting and wipers) within the operator's reach and field of vision.
- Numerous storage options, such as drink holder, documents clip and a compartment for everyday objects.
- Electrically applied parking brake.
- Automotive pedal configuration with non-slip surface.

### Easy maintenance

- Optimum access to motor compartment due to 90° opening and L-shaped cover.
- Side sections and floor plate detachable without using tools.
- No truck-specific diagnostic tools or special software required.
- Large fuel filter with water separator.
- Oil change interval of 500 operating hours.

# Overview

The right solution for your applications:

| Name    | Load capacity/<br>load | Lift height (max.) | Travel speed un-<br>laden | Aisle width (pal-<br>let 800x1200<br>length) | Lift speed un-<br>laden |
|---------|------------------------|--------------------|---------------------------|--|-------------------------|
| TFG 425 | 2500 kg                | 7500 mm            | 19 km/h                   | 4187 mm                                      | 0.6 m/s                 |
| TFG 430 | 3000 kg                | 7500 mm            | 19 km/h                   | 4333 mm                                      | 0.61 m/s                |
| TFG 435 | 3500 kg                | 7500 mm            | 19 km/h                   | 4448 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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