



LPG forklift truck

TFG 540-S50

Lift height: 2480-7500 mm / Capacity: 4000-5000 kg

JUNGHEINRICH

The robust power pack for heavy goods.

Maximum performance on medium and long distances.

Our powerful and tough series 5 hydrodynamic forklift trucks are the perfect choice for the safe transport of heavy loads, especially on medium and long distances. This is where these economical forklifts can fully develop their strengths: fast reversing, smooth start-up and sensitive braking – of course with optimum efficiency.

Maximum performance at low consumption is guaranteed by robust Kubota engines combined with a high-performance cooler system. They impress with their long service life, minimised noise and low emissions. Safety is ensured by the integrated multi-disc brakes, the overhead guard design and the hydraulic power steering for precise manoeuvring.

The ergonomically designed workplace delivers the basis for fatigue-free and effective work with generous knee and legroom, an electric parking brake and an individually adaptable operating concept.

All the advantages 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
- Ergonomic and low-vibration workstation

Your Jungheinrich forklift for maximum customer benefit.



Efficiency

Maximum performance with the most efficient vehicles.

Trust a drive concept for maximum reliability: With globally tested Kubota engines you can reach your full potential.

Powerful and efficient drive concept

- Proven industrial motors from Kubota, designed for longevity, toughness 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.

Drive axle with maintenance-free wet-disc brake

- Low consumption through axle concept with optimised efficiency.
- Largely maintenance-free multi-disc brakes immersed in an oil bath.
- No negative effect on braking due to environmental influences or service related downtime due to the enclosed design.

Enclosed high-performance cooling system with combi cooler

- Heavy-duty combi cooler in full aluminium design for engine coolant, converter and transmission oil – without the common plastic manifolds that are susceptible to faults.
- Easy cleaning due to vertical arrangement of cooling elements for engine coolant, converter and transmission oil.
- Completely closed system – therefore no coolant evaporation.
- Reliable operation without a reduction in performance even at extreme ambient temperatures.



Safety

Best prepared for safe warehouse operations.

Above average stability and driving safety ensure the efficient and safe transport of heavy loads.

Enhanced safety

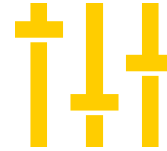
- High pivot point of the steering axle for outstanding driving stability even during dynamic travel.
- Counterweight design with low centre of gravity for excellent stability.
- Decoupled 4-fold power train mounted on damping elements, for reduced vibrations.
- Power train combination with universal joints.
- Splash-proof electrics, plug 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 lift mast design giving ideal visibility, with compact profile nesting and optimised chain and hose guide.
- Entry and exit damping on the mast transitions.
- 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 travel interlock when the operator leaves the truck.
- Automatic hydraulic and travel interlock when the operator leaves the truck.
- Transmission is automatically placed into neutral as soon as the operator leaves the truck.
- Transmission is automatically placed into neutral as soon as the operator activates the travel direction switch before leaving the truck.



Individuality

A truck as individual as your business.

Diverse innovative ergonomic solutions ensure that every driver loves to sit in this functional and low-vibration cockpit.

Ergonomic operator workstation

- Optimum visibility in all directions.
- Generous knee and legroom thanks to slim and easily adjustable steering column.
- Handy steering wheel with hydraulic steering booster offset to the left.
- Large, level footwell 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 every day objects.
- Electrically applied parking brake.
- Automotive pedal configuration with non-slip surface.

Easy to maintain

- Optimum access to engine compartment due to 90° opening and L-shaped cover.
- Side sections and floor plate detachable without the need for 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 suitable solution for your applications:

Name	Capacity/load	Lift height (max.)	Travel speed	Aisle width (pallet 800x1200 length)	Lift speed unladen
TFG 540	4.000 kg	7.500 mm	19 km/h	4.639 mm	0.55 m/s
TFG 545	4.500 kg	7.500 mm	18 km/h	4.714 mm	0.55 m/s
TFG S50	5.000 kg	7.500 mm	18 km/h	4.801 mm	0.55 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.



 **JUNGHEINRICH**