



# LPG forklift truck

## TFG 316s-320s

Lift height: 2900-7500 mm / Capacity: 1600-2000 kg

**JUNGHEINRICH**

# **The reliable classic** **for precise manoeuvres.**

**Ideal for loading and unloading lorries.**

The dynamic and robust 3s series forklifts with hydrostaticDRIVE go through thick and thin with you: Whether rapid changes of direction, dynamic acceleration, rapid reversing or precise manoeuvring – the modern drive technology guarantees maximum driving comfort and highest throughput. Especially in reverse operations when loading and unloading trucks, they outmanoeuvre the competition.

Worldwide tried-and-tested motors from the automotive industry allow precise work with optimum performance thanks to their electronic control. Another advantage is their low CO<sub>2</sub> output. A regulated 3-way catalytic converter for LPG trucks and a soot filter systems for diesel trucks are optionally available. Sensitive brakes and a roof made of safety glass provide a high level of safety.

Five selectable operating programmes and a workstation that satisfies ergonomic and personal demands make working with these reliable forklift trucks extremely easy and convenient.

## **All the advantages at a glance**

- hydrostaticDRIVE for maximum performance and efficiency
- High drive dynamics due to continuous power transmission
- Highly sensitive braking
- Optimum visibility thanks to compact mast design
- Ergonomic workstation for flexible operating concept

# Your Jungheinrich forklift for maximum customer benefit.



## Efficiency

Maximum performance with the most efficient vehicles.

Masterpieces of precision on four wheels: Our reliable forklift trucks with high stability and low consumption.

### Performance and drive characteristics

- Powerful low consumption engines of the latest generation, which clearly undercut the strict critical values of the legislation.
- hydrostaticDRIVE offers the best energy efficiency coupled with maximum throughput performance – particularly when reversing.
- Continuous power transmission and high starting torques.
- Electronic control for precise adjustment of drive and hydraulic functions.
- 5 electronically selectable operating/travel programs ensure optimum.
- Performance parameters for every application.
- Automatic motor speed increase during lifting and lowering.
- Very precise control of travel speed.
- Low maintenance costs due to direct drive without wearing parts, such as clutch, differential and gears.

### Intelligent controls and electronics

- Software and hardware for controls developed and produced in-house.
- Sensitive adjustment of hydraulic functions via electromagnetic valves.
- Splash-proof electronic drive and hydraulic controls in CAN-Bus design.



## Safety

Best prepared for safe warehouse operations.

Benefit from various optional features which ensure high driving dynamics and maximum protection – for drivers, forklifts and loads.

### Standard safety equipment

- Comprehensive safety equipment for high drive dynamics and performance.
- Deactivation of the hydraulic functions if seat is unoccupied.
- No uncontrolled roll-back on ramps or inclines due to the automatic parking brake, even with the engine switched off.
- Excellent stability due to extremely low centre of gravity and high pivot steer axle.
- Damping on mast and tilt cylinders for increased handling safety.

### High performance filter system

- Working hydraulics with variable displacement pump for optimised efficiency and on-demand oil supply.
- Full-flow hydraulic oil filtration with suction and return filter for maximum oil purity and long life span of all components.
- Hydraulic tank integrated in frame.
- Ventilation of hydraulic tank via filter.
- Pressure relief valves protect against excess pressure and overloading.



## Individuality

A truck as individual as your business.

Intuitive adaptation to every task: Flexible vehicle and operating concepts make our Diesel and LPG forklifts so universally applicable.

### Ergonomic operator workstation

- Comfortable operator seat with excellent suspension.
- Continuous single-point adjustment of the armrest in 2 axial directions.
- Compact nested profile package with excellent visibility.
- Entry and exit via a deep, wide step, which is clearly visible from the operator seat.
- Large, strong grab handle welded to the overhead guard.
- 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.

### Wear-free brakes

- Frequent brake pedal operation is no longer necessary.
- Parking brake – sprung-loaded, laminated oil immersed parking brake as a maintenance-free, enclosed system.

### Optional assistance systems

- accessCONTROL: The access control system allows operation of the forklift only if the "seat occupied" and belt lock detection systems have been activated in a defined sequence.
- driveCONTROL: Speed control, which automatically reduces the speed both when cornering and from a defined lift height.
- liftCONTROL (includes driveCONTROL): The tilt speed of the mast is automatically reduced from a defined lift height and the tilt angle is shown on a separate display.

# overview

The suitable solution for your applications:

Name	Capacity/load	Lift height (max.)	Travel speed	Aisle width (pallet 800x1200 length)	Lift speed unladen
TFG 316s	1.600 kg	7.500 mm	19.5 km/h	3.846 mm	0.62 m/s
TFG 320s	2.000 kg	7.500 mm	19.5 km/h	3.864 mm	0.62 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**