



Diesel forklift truck

DFG 316s-320s

Lift height: 2900-7500 mm / Load capacity: 1600-2000 kg

JUNGHEINRICH

The enduring performers for tough operations.

Maximum performance indoors and outdoors.

The robust and versatile Series 3s hydrostatic forklifts are ideal for tough applications, both indoors and outdoors: Whether fast loading and unloading in reversing operation or precise working on ramps and slopes – the modern hydrostatic drive technology stands for optimised energy efficiency with maximum throughput.

Especially in challenging applications with attachments, the increased oil flow volume of the working hydraulics ensures maximum productivity, while powerful and maintenance-friendly Kubota industrial motors guarantee high driving dynamics with low exhaust emissions.

Safe and comfortable working is made possible by the panoramic roof made from laminated safety glass for perfect all-round visibility, a 4-inch display with five optional travel programs, as well as assistance systems which can be easily connected via interface – for highly efficient working in any situation.

All benefits at a glance

- Hydrostatic drive concept for maximum performance.
- Simple connection of various assistance systems.
- Adaptable operating concept for maximum flexibility.
- Easy to service with low maintenance requirements.
- Excellent all-round view and best ergonomics for efficient working.

Your Jungheinrich forklift for maximum customer benefits.



Individuality

A forklift truck as individual as your business.

Flexible truck and operating concepts make our diesel forklifts universally applicable. The perfect interaction between operator and truck facilitates efficient work with maximum throughput.

Ergonomic operator workstation

- Comfortable workstation for maximised productivity.
- Perfect all-round visibility thanks to large glass surfaces and panorama roof panel.
- Jungheinrich Floating Cab for isolating vibrations and oscillations.
- Entry and exit via a deep, wide step, which is clearly visible from the operator seat.

Maintenance and service

- High ease of maintenance and low maintenance costs.
- Oil-immersed multi-disc parking brake with spring mechanism as a low-maintenance, closed system.
- Full-flow hydraulic oil filtration with suction and pressure filter for maximum oil purity and long life span of all components.
- Service door for optimum service accessibility and minimum downtime.



Safety

Best prerequisites for working safely.

You benefit across the board: High driving dynamics and a comprehensive range of standard and optional safety equipment offer maximum protection for the operator, forklift and load.

Always informed

- 4-inch display with extended menu structure and control of additional functions.
- Activation of the truck by EasyAccess via softkey, PIN code or optional transponder card.
- Continuous motor, air filter and diesel particulate filter monitoring with error indication on truck display.

Safe working conditions

- Entry and exit damping around the mast transitions and limit position damping when tilting ensure greater safety for the transported goods.
- accessCONTROL for travel release only after activation of the "seat occupied" and belt lock detection systems have been activated in a defined sequence.
- Excellent stability due to low centre of gravity and high pivot steer axle.
- Automatic parking brake.

Intelligent operator assistance systems

- addedVIEW camera systems with 360° all-round visibility.
- curveCONTROL for safe reduction of travel speed when cornering.
- driveCONTROL for lift height-dependent speed reduction.
- liftCONTROL for reducing the tilt speed at defined lift heights.



Efficiency

Maximum performance with the most efficient trucks.

Choose high-performance hydrostatic trucks with a wide range of advantages. The dynamic and robust forklifts are particularly convincing with their high stability and low fuel consumption.

- High driving dynamics and starting torques thanks to hydrostatic continuous power transmission.
- Working hydraulics with variable displacement pump and automatic speed increase for optimised efficiency and on-demand oil supply.
- Increased oil flow volume of working hydraulics for higher productivity in demanding applications with attachments.
- Five electronically selectable operating and travel programs.

Advanced drive technology

- Innovative hydrostatic drive concept for optimised energy efficiency with maximum throughput and gradeability.
- Powerful, state-of-the-art Kubota industrial motors which comply with tier 5 exhaust emissions thanks to diesel particulate filters and diesel oxidation catalytic converters.

Overview

The right solution for your applications:

Name	Load capacity/load	Travel speed unladen	Aisle width (pallet 800x1200 length)	Lift speed unladen
DFG 316s	1600 kg	22 km/h	3909 mm	0.62 m/s
DFG 318s	1800 kg	22 km/h	3916 mm	0.62 m/s
DFG 320s	2000 kg	22 km/h	3944 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**