

16 Ton Diesel Forklift Truck

This heavy-duty 16-ton diesel forklift truck is designed for robust material handling operations. It features a high-lift mast and a powerful diesel engine for reliable performance.



ADDITIONAL IMAGES



Product Overview



Heavy-Duty 16-Ton Diesel Forklift

This 16-ton diesel forklift is engineered for demanding industrial environments, featuring a high-quality turbocharged engine that balances strong power with energy conservation. It is equipped with a full-hydraulic steering system and pilot valve controls to ensure precise operation while reducing driver fatigue. The robust box-type frame and 3D finite element analysis design provide exceptional longitudinal and transverse stability for heavy lifting tasks.

Key Performance Metrics



Performance Highlights

16 t

Rated Load

900 mm

Load Center

3500 mm

Lifting Height

30 km/h

Max Speed (Unloaded)

Engine & Powertrain

Engine Features

- High-quality turbocharged diesel engine
- Low oil consumption with high torque reserves
- Energy conservation and environmental protection design
- Independent transmission and hydraulic oil cooling system

Engine Technical Data

Configuration	Details
Cylinder Count	6
Standard Power Output	129KW @ 2200rpm
High Power Option	142KW @ 2200rpm
Displacement Range	6.494L - 6.7L

Chassis & Dimensions



Physical Dimensions

Parameter	Value
Overall Length (with forks)	7640 mm
Overall Width	2750 mm
Wheelbase	3800 mm
Min. Turning Radius	5800 mm
Fork Dimensions	1800 x 220 x 100 mm
Ground Clearance (Center)	325 mm

Operational Systems



Control & Safety Systems

- Full-hydraulic transverse oil cylinder steering
- Pilot valve control for reduced labor intensity
- Hydraulic clamp disc braking system with fast heat dissipation
- Box-type internal-external mast with all-round roller bearings
- Standard hydraulic fork positioner

Operator Cabin



Cabin Features

Full Enclosed Cab, Air Conditioning, Heater, Rear View Display, Ergonomic Controls

Certifications

Compliance & Quality

ISO 9001:2015 • CE Certified • Special Equipment License