

# 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