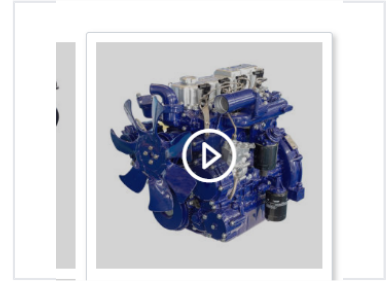


Diesel Engine for Forklift Trucks

This diesel engine is designed for forklift truck applications. It provides reliable power and efficient performance for demanding industrial environments.



Overview

High-Performance Diesel Engine for Forklifts

This diesel engine series is specifically engineered for forklift trucks ranging from 1.5 to 4.5 tons, integrating advanced 3D design and CAE analysis for enhanced structural stiffness. It features a direct injection combustion chamber for easy starting and superior fuel economy, making it an ideal power source for demanding industrial environments. The design emphasizes speed stability, low vibration, and high reliability through a strengthened gear system and large-flow cooling nozzles.

Key Performance Metrics

Performance Highlights

39 kW

Rated Output

2650 rpm

Rated Speed

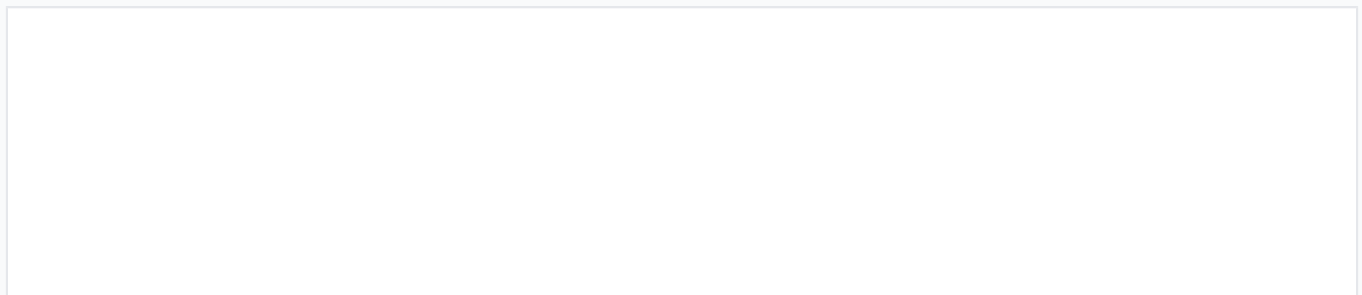
157 N.m

Max Torque

2.67 L

Displacement

Technical Specifications



Robust diesel engine featuring a high-pressure fuel injection system and mechanical fuel pump for industrial applications.

Engine Details

Feature	Specification
Model	QC490GA
Cylinder Count	4
Bore x Stroke	90 x 105 mm
Fuel Consumption Rate	d232g/kw.h
Emission Standard	State Two

Design Features

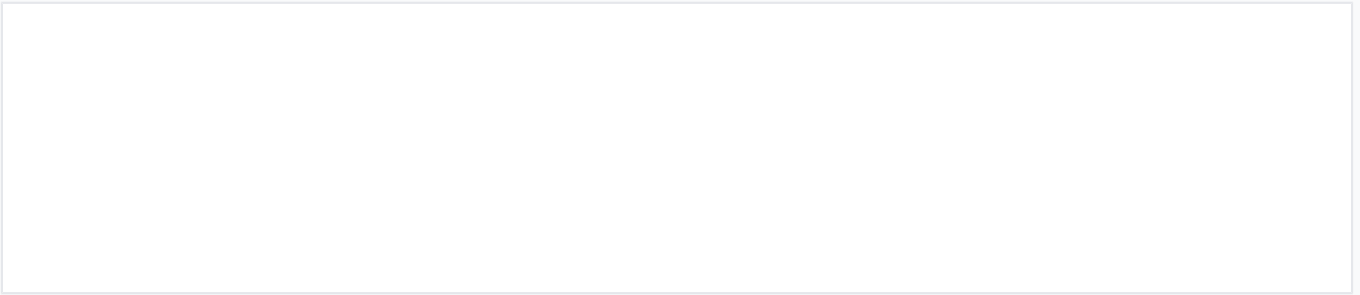


Designed for strong power and low fuel consumption while complying with environmental standards.

Main Features

- Direct injection combustion chamber for low oil consumption
- Long stroke design for large torque backup
- Strengthened gear system for stable hydraulic PTO power output
- Large flow cooling nozzle configuration
- High parts universality with vehicle diesel engines for easy maintenance
- Low noise and small vibration operation

Applications



Engineered for reliability and durability in the construction machinery industry, providing necessary torque for heavy-duty tasks.

Suitable Applications

1.5t - 4.5t Forklifts, Construction Machinery, Agricultural Equipment, Industrial Vehicles