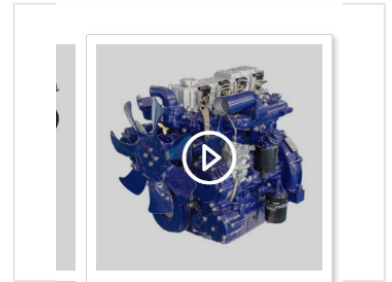


Diesel Engine for Forklift Trucks

This diesel motor engine is specifically designed for forklift applications. It integrates advanced engine design concepts for high reliability and strong power.



Overview

High-Performance Forklift Power Solution

This diesel engine series is specifically engineered for forklift trucks ranging from 1.5 to 4.5 tons, utilizing advanced 3D design and CAE analysis to ensure structural stiffness and high reliability. Featuring a direct injection combustion chamber, the engine provides easy starting and excellent fuel economy for demanding industrial environments. Its compact and lightweight design allows for convenient installation while delivering strong power and stable hydraulic PTO output.

Technical Performance

Performance Ratings

39 kW

Rated Output

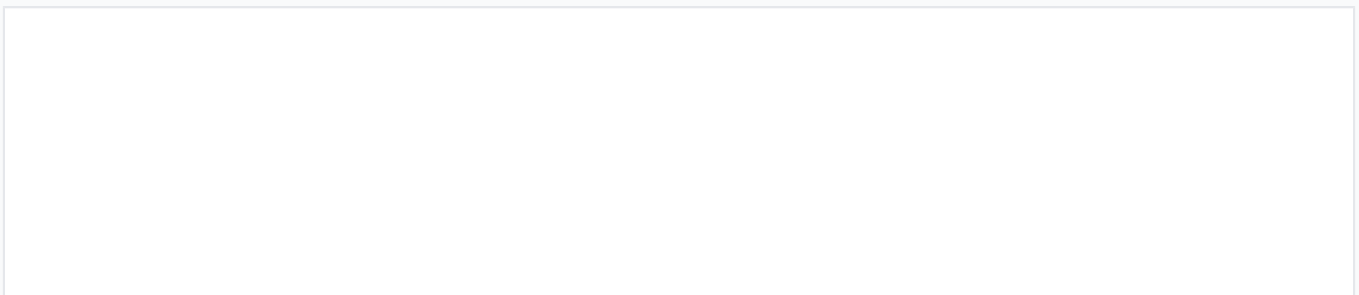
2650 rpm

Rated Speed

157 N.m

Max Torque

Engine Specifications



The QC-490GA model features a robust multi-cylinder configuration and mechanical fuel injection for reliable industrial performance.

Model	QC-490GA
Number of Cylinders	4
Bore & Stroke	90 x 105 mm
Displacement	2.67 L

Efficiency & Emissions

Emission Standard

State Two

Fuel Consumption Rate

232 g/kw.h

Key Features

Core Advantages

- Direct injection combustion for low oil consumption
- Long stroke design for large torque backup
- Strengthened gear system with large flow cooling nozzle
- Stable hydraulic PTO power output
- Low vibration and noise levels
- High parts universality for easy maintenance

Applications

Recommended Usage

1.5 - 4.5 Ton Forklifts, Multidirectional Forklifts, Industrial Power Sources