

# 1100 Series Diesel Engine

This diesel engine is a robust and reliable power source suitable for various applications. It features heavy-duty construction for durability and longevity under demanding conditions.



## Overview

### High-Performance 1100 Series Engine

The 1100 Series diesel engine is engineered for demanding industrial and power generation applications. Developed with advanced combustion technology, this engine offers significantly increased power performance and reduced fuel consumption compared to its predecessors. It features a robust design with reinforced structural components, ensuring reliability and durability in harsh operating environments.

## Performance Metrics

### Power Range (50Hz)

**26 kW**

Minimum Power

**158 kW**

Maximum Power

### Power Range (60Hz)

**26 kW**

Minimum Power

**174 kW**

Maximum Power

## Technical Specifications

### Cold Start Performance

- Normal start at -10°C (no preheating)
- Smooth start at -25°C (with flame preheating device)
- -40°C start solution available

### Aspiration

Turbocharged air to air aftercooled

## Maintenance & Design

### Maintenance Accessibility

All routine service items are situated on the right-hand side of the engine, allowing for easy maintenance and minimum machine downtime.

### Key Design Advantages

Reinforced Cylinder Block, Reinforced Crankshaft, Reinforced Connecting Rod, European Patent Combustion Chamber, 4-Valve Technology