

# 950hp Marine Diesel Engine

This four-stroke marine engine features direct injection and water cooling. Pulse boost and intercooling technologies are incorporated for enhanced performance.



## Overview

### 6D51 Series Marine Diesel Engine

The 6D51 series is a medium-speed, four-stroke diesel engine engineered for high reliability and maintainability in demanding maritime environments. Featuring advanced pulse boost and intercooling technologies, this engine offers a versatile fuel profile including diesel, heavy oil, natural gas, and bio-oil. Its compact, robust design ensures consistent performance for a wide range of vessel types and land-based power generation needs.

## Performance Metrics

### Nominal Power

**450 kW**

Minimum Power

**698 kW**

Maximum Power

### Nominal Speed Range

750 - 1000 r/min

## Efficiency & Consumption

### Fuel Consumption Rate

200 g/kW.h

### Engine Oil Consumption Rate

0.8 g/kW.h

## Technical Specifications

### Design Features

- Four-stroke cycle
- Direct injection
- Water cooling
- Pulse boost technology
- Intercooling technology
- Alloy cast iron body
- Alloy forged steel crankshaft

### Compatible Fuels

Diesel, Heavy Oil, Natural Gas, Bio-oil

## Compliance & Application

### Emission Standards

IMO Compliant

### Typical Applications

- Passenger ships
- Cargo ships
- Engineering ships
- Fishing boats
- Large ship auxiliary power
- Land generator sets