

# Marine Diesel Engine WP12C Series

This high-performance, heavy-duty marine diesel engine is designed for marine applications. It delivers high power output and excellent torque, making it suitable for a variety of marine vessels.



## Overview

### High-Performance Marine Propulsion

The WP12C series marine diesel engine is a next-generation power solution designed for superior reliability and energy efficiency. Developed using advanced simulation and finite element analysis, it features a robust structural design suitable for freshwater transport, fishery, and duty vessels. This engine excels in balancing high power output with low environmental impact, making it an ideal choice for modern marine applications.

## Performance Metrics

### Key Performance Metrics

**192 g/kW.h**

Min Fuel Consumption

**1 Rb**

Full-Load Smoke Limit

### Operational Advantages

Feature	Benefit
Torque	High torque at low speeds
Acceleration	Superior responsiveness
Durability	Extended service life via simulation design
Economy	Wide economic operation range

## Technical Specifications

### Core Design Features

- High-pressure common rail system
- Four-valve cylinder structure
- Advanced Huersaite supercharger
- Integrated cooling heat exchangers
- Low-noise gearbox and special sump

### Compliance and Standards

Euro III, Environment-friendly, Energy-saving