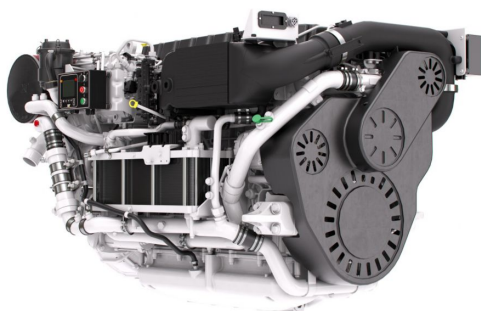




The C12.9 marine propulsion engine is ideal for high performance marine applications including yachts, fishing vessels, military vessels, governmental vessels and various other commercial high performance marine applications. The C12.9 is designed to be integrated with both the Cat Three60 Precision Control shaft line maneuvering and engine control solution as well as other marine industry throttle controls. The electronically-controlled C12.9 is offered in two power ratings: 850 mhp at 2300 rpm and 1000 mhp at 2300 rpm. Both ratings meet EPA Tier 3, IMO II, EU Recreational Craft Directive and EU Stage IIIA regulations. In addition to high power density, the C12.9 offers high torque at low engine speeds and fast acceleration throughout the entire engine speed range due to its air system design of integrated series turbochargers and a supercharger.

Specifications

Ratings		
Power Range	850-1000 mhp, 838-985 bhp, 625-735 kW	

Engine		
Speed Range	2300 rpm	
Emissions	EPA Tier 3, IMO II, EU Stage IIIA	
Aspiration	TA	
Bore	135 mm	5.31 in
Stroke	150 mm	5.9 in
Displacement	12.9 l	787 in ³
Rotation from Flywheel End	Counterclockwise	
Configuration	In-line 6, 4-Stroke-Cycle Diesel	

Dimensions & Weights		
Width - Engine	1110 mm	43.7 in
Length - Engine	1463 mm	57.6 in
Height - Engine	1085 mm	42.7 in

Benefits and Features

Power Density

High power density

Electronic control system

Industry-leading torque and throttle response at low speed

Operation

Smooth, quiet operation throughout the entire operating range

Ventilation system

Closed crankcase ventilation system improves engine room cleanliness

Common rail fuel system

Common rail fuel system enables optimum combustion, low emissions and reduced noise

Engine Control Panel

Available on-engine control panel with “Start,” “Stop,” and display for engine diagnostics

Inlet Air Heater

Inlet air heater for improved cold weather startability

Aftercoolers

Low maintenance (fresh water/coolant) aftercoolers

Electrical Advantages

12V or 24V electrical system

Remote Monitoring

gplink ready for remote engine and vessel monitoring

Optional Equipment

Alternators

- 24V 120 amp
- 24V 160 amp
- 12V 200 amp

Electric starting motor

- 12V
- 24V

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