



C32 ACERT propulsion engine ratings of 1925 mhp (1900 bhp) 1417 kW, 1825 mhp (1800 bhp) 1342 kW, and 1622 mhp (1600 bhp) 1193 kW are available with heat exchanger cooling. These ratings are compliant for U.S. EPA Tier 3 Recreational, EU Stage IIIA, and IMO II. The 1600 and 1800 bhp ratings are also meet US EPA Tier 3 Commercial Standards. The engine configuration includes an air cleaner and CCV system as well as jacket water aftercooling. Additional features include a “plug-in PTO”, an MECP I control panel, and hybrid fuel lines. The MECP I panel has a monochrome display for engine parameters, external outputs for customer installed visible and audible alarms, Start/Stop buttons, and an Off/Local/Remote switch.

Specifications

Ratings

Power Range	1600-1900 bhp (1193-1417 kW)
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Engine

Speed Range	2300 rpm	
Configuration	Vee 12, 4-Stroke-Cycle Diesel	
Aspiration	TTA	
Bore	145 mm	5.71 in
Stroke	162 mm	6.38 in
Displacement	32.1 L	1959 in ³
Rotation (from flywheel end)	Counterclockwise	
Emissions	EPA Tier 3, IMO II, EU IW	

Dimensions & Weights

Length	2106 mm	82.9 in
Width	1482 mm	58.3 in
Height	1445 mm	56.9 in
Dry Weight	3075 kg	6780 lb

Benefits and Features

Emissions

U.S. EPA Tier 3 compliant

Worldwide Support

Extensive service network of dealers; Unparalleled service from authorized marine dealers

Durability

Proven engine operating history; Performance iron with thousands of hours of validation testing for quality and durability

Reliability

60 months standard warranty

Cooling System

Heat Exchanger or Keel Cooling; Heat exchanger configurations: optional front mounted sea water pump

Aftercooling System

Separate circuit aftercooling system (SCAC): no seawater circulating through the aftercooler

Standard Equipment

AIR INLET SYSTEM

- Air Cleaner System with washable filter elements and fumes disposal (closed system)
- Turbocharger, jacket water cooled
- Turbocharger inlet, 152 mm (6 in) OD straight connection

CONTROL SYSTEM

- Programmable Low Idle (550 - 750 rpm)
- Electronic diagnostics and fault logging
- Engine and transmission monitoring (speed, temperature, pressure)
- Electronic fuel/air ratio control
- Engine Protection Mode for extended ambient conditions
- 70-pin customer connector (Upper front-facing customer wiring connector and Service Tool connection)
- Throttle Input signal options

COOLING SYSTEM

- Sea Water Aftercooled Engine
- Jacket water pump, gear driven
- Sea water pump, rubber impeller, gear driven
- Sea water Pump & JW Heat Exchanger Connection: 76.2 mm (3in) OD
- Coolant recovery system

EXHAUST SYSTEM

- Water-cooled exhaust manifold & turbocharger
- 4 Bolt 130 mm (5.12 in) diameter flanged outlet

FLYWHEELS & FLYWHEEL HOUSINGS

- Flywheel Housing:

FUEL SYSTEM

- Simplex Fuel Filters Spin-on, RH & LH service
- Fuel connections size:
- Plate Type Fuel Cooler (Jacket Heat Exchanger)
- Fuel transfer pump, gear driven
- Manual fuel priming pump
- Hybrid fuel line design

LUBE SYSTEM

- Simplex Oil Filters, RH or LH service
- RH or LH service oil filler locations
- RH or LH service dipstick
- Oil pump, gear driven
- Shallow Sump

MOUNTING SYSTEM

- Front support - adjustable

POWER TAKE-OFFS

- Front Poly-V groove pulley (Quantity 1) for auxiliary drives

GENERAL

- Lifting eyes
- Front damper guard
- RH or LH service options

Optional Equipment

EXHAUST SYSTEM

- Muffler
- Muffler Spark Arresting

CHARGING SYSTEM

- Battery Chargers
- Charging Alternators
- Ammeter

FUEL SYSTEM

- Water Separator

INSTRUMENTATION

- Instrument Panels
- OEM Wiring Harness
- Engine to Engine Harness
- Gauges
- Transmission Sensors
- Exhaust Temperature Sensors

LUBE SYSTEM

- Transmission Oil Cooler

MOUNTING SYSTEM

- Adapter Kits
- Isolator Mounts

POWER TAKE-OFFS

- Rear Hydraulic Pump Drive

PROTECTION SYSTEM

- Fuel and Oil Shielding

STARTING SYSTEM

- Electric Starting Motors - Single 24 Volt
- Starting Aids - JW Heaters
- Battery Sets - 24 Volt - Dry

CONTROL SYSTEM

- Instrument Panels

PACKING

- Engine Protective Cover
- Storage Preservation
- Export Packing

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