Always On Course.

Our Commitment To Commercial Transport.

Cummins Marine Engines.

Whether you're operating tugboats in a busy harbor, pushing coal barges up an inland waterway or moving containerized cargo across an ocean, Cummins has the engines and support you need for propulsion, auxiliary power and electrical generation. For every commercial transport vessel. At every port. Around the globe.

A Proven Legacy On The Water.

One of the first applications for a Cummins diesel engine was in a fishing vessel in Louisiana, back in the early 1920s. From pioneering the first diesel electric vessels and powering the world's first hybrid tug to building record-shattering trimarans and hovercrafts, Cummins has been at the crest of fast-breaking marine technology. This legacy of innovation will carry us forward as we launch our proven Selective Catalytic Reduction (SCR) technology and the use of alternative fuels for commercial marine vessels.

Full Speed Ahead.

Global warming and the quest to reduce our carbon footprint are contributing to the rising demand for dual fuel and natural gas engines. Cummins is positioned to meet your propulsion and auxiliary power needs with alternative fuels. No one has a greater depth of experience or longer track record with liquefied natural gas (LNG) and compressed natural gas (CNG) engines than Cummins Westport, with over 40,000 engines in operation across the globe. And in 2012, Cummins launched our first dual fuel engine – a QSK50 for oil and gas applications.

Ahead Of The Wave.

A new wave of technology is making diesel engines cleaner, more powerful and more fuel-efficient than ever before. Cummins is at the forefront of the industry, due in large part to our fully integrated design and manufacturing capabilities. While other engine manufacturers outsource components, at Cummins we design and build our own.

One of the tenets of our global mission is to reduce greenhouse gases, which we are accomplishing through sophisticated electronic engine controls and aftertreatment technology that allow us to achieve near-zero emissions levels while maintaining the high power output you expect from Cummins.

Cummins already has advanced technology in place to meet your needs today and as global marine emissions standards grow stricter, including proven emissions aftertreatment technology that utilizes SCR. In these applications, the entire system, from air intake to exhaust aftertreatment, is controlled by a single Electronic Control Module (ECM) that optimizes combustion efficiency for better performance, lower fuel use and cleaner emissions. Many Cummins distributors have experience with a variety of emissions aftertreatment packages used in marine applications.

This includes locally sourced aftertreatment systems, installed and used on inland waterway cargo ships and platform service vessels in Europe and the Gulf of Mexico, well in advance of International Maritime Organization (IMO) Tier III/U.S. Environmental Protection Agency (EPA) Tier 4 regulations.

Cummins is going beyond just meeting emissions to designing marine products that meet the IMO's Green Passport requirements for zero-impact disposal, and offering premium options to help minimize your carbon footprint. That includes our ELIMINATOR™ oil filtration system, which eliminates the need for lube oil filters, and CENTINEL,™ an oil replenishment system that periodically removes used oil and replaces it with fresh oil from a supply tank.

Dedicated To The Commercial Transport Industry.

Cummins has dedicated internal resources to strengthen our support for this vital industry, including segment leadership, account management and regional sales and application experts. We are bolstering our research and development capabilities in order to meet power requirements and IMO, Environmental Protection Agency (EPA) and European Union (EU) emissions regulations on the horizon. Cummins distributors have significant expertise in the design, development and packaging of customized marine gensets – capabilities that have been strengthened with the launch of the Cummins Commercial Marine Center of Excellence in Singapore.

The Power To Meet Customer Needs.

Cummins offers a range of mechanically and electronically controlled engines from 6.7 to 95 liters, including our latest development, the Cummins QSK95 – the most powerful high-speed diesel ever designed for use in commercial marine vessels. Each engine is available in configurations to match emissions and marine classification requirements wherever the vessel will operate.

Mechanical Marine Engines With A Proven Legacy.

For over 30 years, Cummins mechanically controlled engines have earned a reputation for dependability and durability. Our B, C, K, N and V engines offer simplicity of design that makes them easy to service, along with a full range of power output from 85 hp to 1800 hp (63-1342 kW).

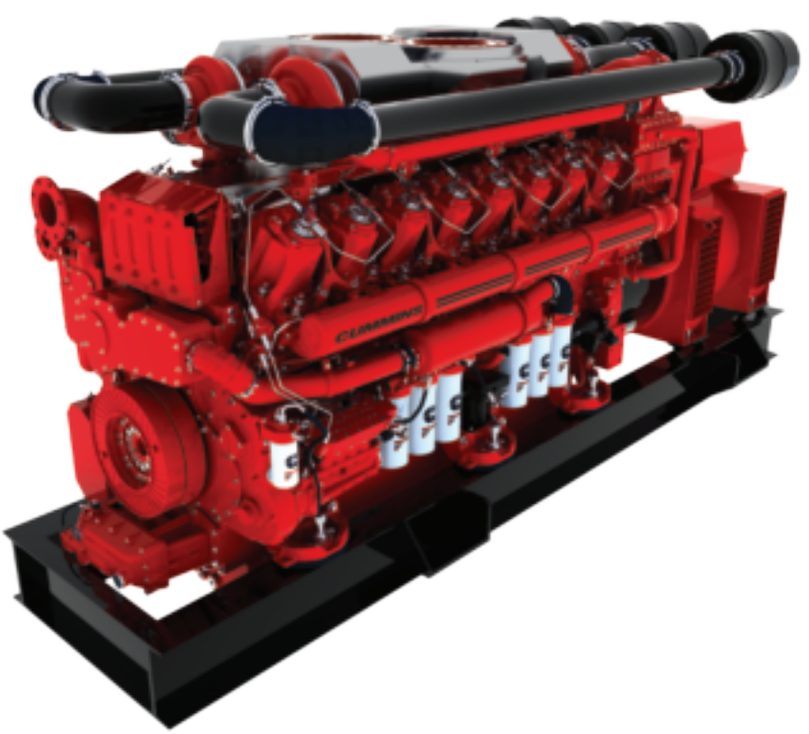
Quantum Series Electronic Marine Engines.

The need for higher power output with better fuel economy, cleaner operation and lower greenhouse gas (GHG) emissions has driven the continuous expansion of electronic engine controls on marine diesels. With ratings from 100 hp to 4200 hp (75-3132 kW), our Quantum Series engines cover every power need from main propulsion and thrusters to auxiliary power units and gensets.

C Power: Generator Sets For Auxiliary Power And Diesel Electric.

Cummins C Power marine gensets offer optimum durability and functionality for primary ship service, auxiliary and emergency power, as well as diesel electric propulsion.

Total integration gives us the flexibility to custom-design and manufacture components to meet the specific needs of boat builders and operators. We offer both unclassed and fully classed packages; keel-cooled, heat exchanger and radiator cooling; and the customer's choice of alternator, including our own STAMFORD® and AvK.®



A Better Process Yields Better Products.

Everyone in the Cummins Commercial Marine group, from the factory to our distributor network, works closely with partner suppliers, naval architects and shipyards to ensure a successful project. Regular meetings begin at vessel concept, and continue through commissioning. Cummins provides factory-trained marine application engineers with extensive experience to aid in the process, as well as direct access to technical data, including CAD drawings and installation directions through Marine ProNet, a Web-based tool available at marine.cummins.com.

More Command Of The Details.

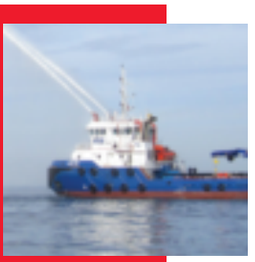
Our depth of experience with marine vessels is reflected in technology that makes it easier for the crew to operate and for technicians to service. For example:

- Operators can easily control the maximum speed of the engine for propeller matching with constant power from rated speed to rated-plus-100 rpm capability.
- When hazardous situations warrant, operators have an option to temporarily override engine-protection-based shutdown features in order to maintain vessel maneuverability and control.
- K and Quantum Series engines are available with C Command, a selection of monitoring and display options ranging from traditional gauges to digital touchscreens that provide instant access to operating information
- A standard J1939 datalink enables remote monitoring using C Command or a third-party system
- Options such as CENTINEL and ELIMINATOR reduce the need for oil and filter changes, lowering maintenance costs while providing superior protection for engine components
- A vast array of engine options can be specified for easier access within the engine room, including filtration mounting arrangements and various-sized oil pans
- The extended lifespan of Cummins engines (many have exceeded the 30,000-hour mark) means fewer overhauls and repowers

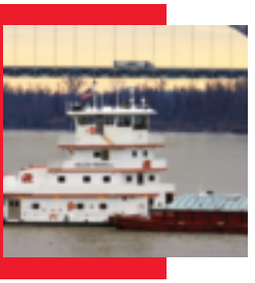
Specialized Needs. Custom Solutions.

Each marine vessel has a unique duty cycle and operating environment. Cummins has the experience and expertise to craft our engine and genset designs to match specific demands. For instance:

Tugs up to 65-ton bollard pull are easily powered using twin arrangements within our current power offering, while tugs equipped with twin QSK95 engines can handle a bollard pull up to 105 tons.

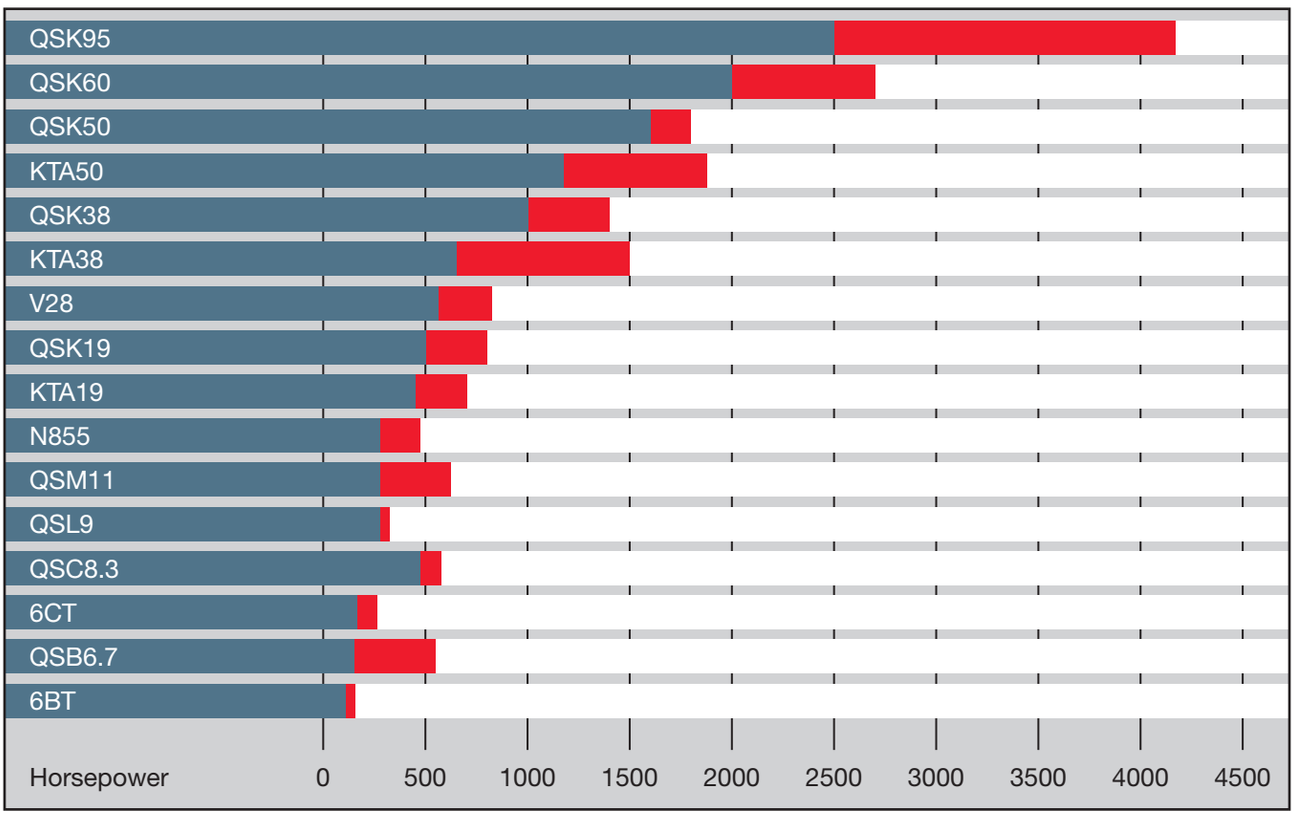


Inland river applications have long relied on the legendary power of Cummins K Series engines. New Quantum Series ratings provide the same power while meeting more stringent emissions.



Large seagoing vessels require significant electrical capacity; our range of containerized gensets from 300 kWe to 2,000 kWe provide reliable emergency power if prime power is compromised.

Marine Propulsion, Generating Set And Auxiliary Power Solutions.



Support For Every Port.

Cummins vast distributor and dealer network covers 190 countries and territories, with over 600 servicing distributor locations. Our engines and genset packages are covered by a comprehensive warranty valid globally, wherever Cummins-authorized service is available. Customers also have the option to extend coverage up to six years with our Encompass program.

Plus, we work closely with our marine customers to develop specific customer support plans, including spare engine and alternator programs, with global parts availability for oceangoing vessels.

Our Regional Response Teams (RRTs) ensure that service and application expertise is available whenever and wherever it is needed, deploying to the most remote locations with trained technicians, the latest diagnostic equipment and replacement parts. Collaboration between the home port and the Cummins team handling the service event is carefully managed to ensure seamless communications and the fastest possible response time, to minimize vessel downtime. For additional information, visit marine.cummins.com.

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