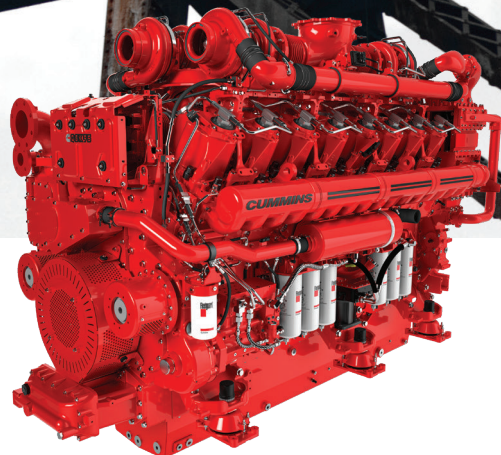


# AHEAD OF THE CURVE.



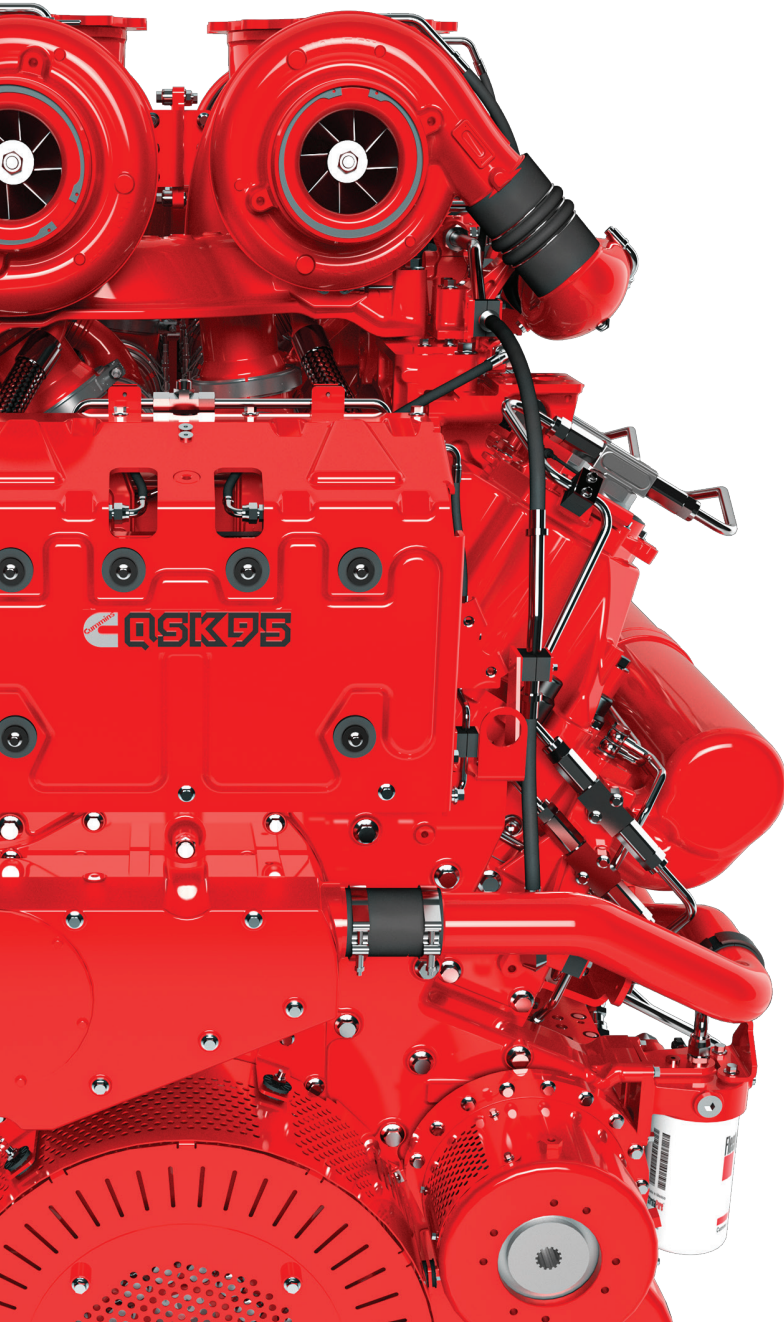
QSK95



# INDUSTRY-LEADING FEATURES AND BENEFITS.

Keep your railroad out front with an impressive array of features and benefits.

- **Superior Power Density** — The QSK95 produces up to 4,400 hp at 1,800 rpm with only 16 cylinders. Four fewer cylinders than other high-speed locomotive engines gives the QSK95 better reliability with fewer moving parts.
- **Advanced Power Cylinder Design** — This technology reduces the amount of cylinder wear, provides better breathing and lower thermal loading.
- **Modular Common Rail Fuel System (MCRS)** — This system maintains high injection pressures regardless of engine speed for exceptional performance at every rpm. Compared to unit injection systems, it provides improved response and load pickup with lower noise and vibration.
- **Quad Single-Stage Turbochargers** — Four compact turbochargers deliver best-in-class clean acceleration, tight packaging, excellent serviceability and unmatched cost-effectiveness.
- **Meets Tier 4 and Stage 5 Emissions Requirements** — The QSK's compact size provides room for a proven, simplistic selective catalytic reduction (or SCR) system instead of an exhaust gas recirculation system. Using the SCR system allows the QSK95 to meet Tier 4 and Stage 5 emissions requirements, operate at lower temperatures, use a smaller cooling system and provide better fuel economy.
- **Two-Stage Aftercooling** — Two-stage aftercooling provides a better-balanced cooling system that considerably reduces radiator sizing and cost. Tier 4/Stage IIIB engines will have heat rejection similar to Tier 3/Stage IIIA engines.
- **Eliminator™ Oil Filtration** — A highly efficient combination of self-cleaning micro-mesh filters and twin centrifuges enables the QSK95 to achieve industry-demanded extended service intervals.
- **PrevenTech® Engine Monitoring** — This advanced engine monitoring, analytics and prognostics technology allows data to be remotely analyzed to evaluate performance, identify potential issues and report them back to customers using alert notifications.
- **184-Day Service Intervals** — The QSK95 can meet the service schedules of both high-speed and medium-speed rail.



# TECHNOLOGY THAT WILL KEEP YOU OUT FRONT.

The QSK95 locomotive is ideal for both high-speed passenger rail and medium-speed freight. Producing up to 4,400 hp with four fewer cylinders than most other high-speed locomotives, the QSK95 is one of the most power-dense engines in its class.

For passenger rail applications, it lowers total cost of ownership by reducing fuel costs, improving reliability and extending engine life. And for freight hauling, the QSK95 delivers significant fuel and oil saving over medium-speed diesel engines.

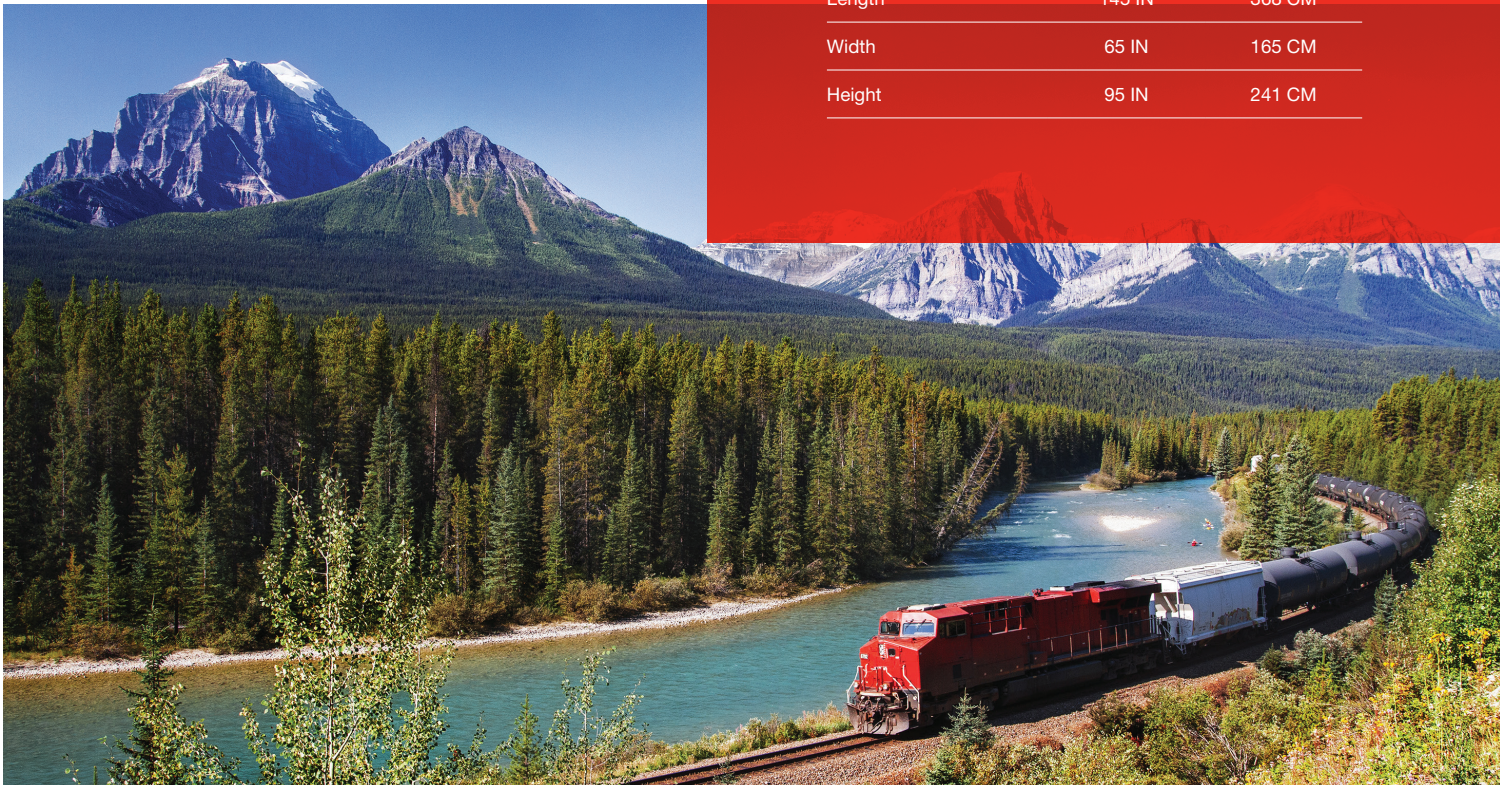
Much of this is due to its compact size, allowing it to be paired with a larger SCR system instead of the typical exhaust gas recirculation systems common in medium-speed engines. The lower operating temperatures, smaller cooling system and better fuel economy of the QSK95's use of an SCR system delivers longer engine life and better locomotive availability.

The QSK95 also provides remote engine monitoring through Cummins proprietary PrevenTech® system, identifying potential issues and alerting owners so maintenance can be performed.

With over six years of design and development and thousands of customers on six continents, the Cummins QSK95 is setting a new standard for rail applications.

## SPECIFICATIONS

Advertised Horsepower	3600-4400 HP	2685-3281 kW
Governed Speed	1800 RPM	
Displacement	5797 CU IN	95 LITERS
Bore and Stroke	7.5 x 8.25 IN	191 x 210 MM
Number of Cylinders	16	
Dry Weight	29,300 LB	13,290 KG
Length	145 IN	368 CM
Width	65 IN	165 CM
Height	95 IN	241 CM



Cummins 50-liter Powered Multi-Purpose Locomotive in Sweden



# STAY AHEAD OF THE CURVE WHEREVER YOU ARE.

- **Global Support Network** — Backed by the strength of the Cummins global network of over 5,500 service locations in 160 countries.
- **Comprehensive Warranty Coverage** — Cummins engines include a comprehensive, worldwide warranty. Extended coverage options are available. See your distributor for more details.
- **Every Part Online** — Cummins QuickServe Online provides access to one of the most comprehensive and powerful parts and service tools in the industry.
- **Cummins Online Product Registration** — Register your Cummins engine quickly and easily on [www.cumminsengines.com](http://www.cumminsengines.com) to ensure quality parts and service.
- **Distributor Expertise** — The best source for service, parts and application assistance. To find your nearest Cummins distributor, go to the Worldwide Service Locator at [wsl.cummins.com](http://wsl.cummins.com).

If you need further assistance, contact Cummins directly:



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