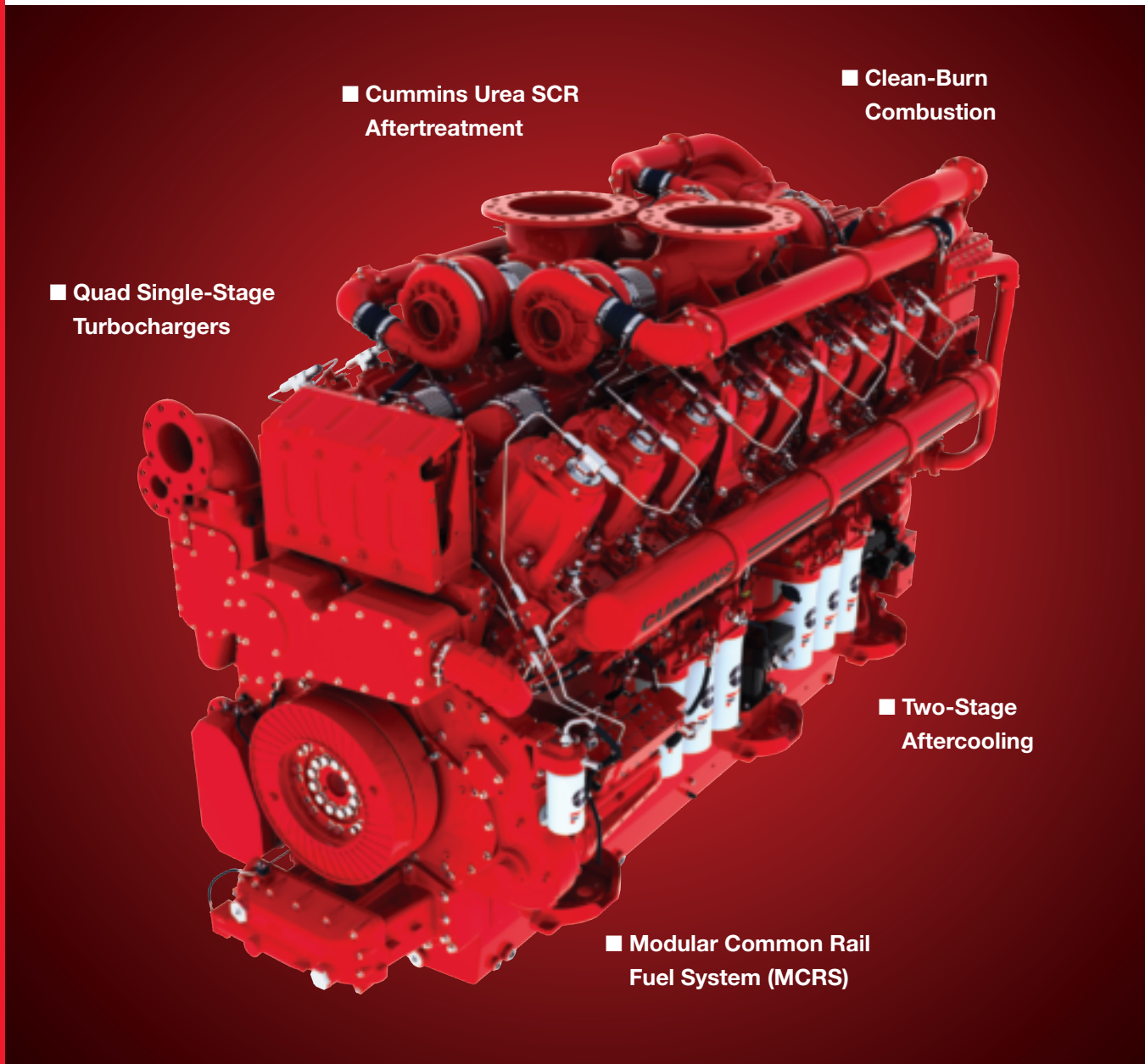
Better Train Of Thought.

QSK95 For U.S. EPA Tier 4/EU Stage IIIB
And EPA Tier 3/EU Stage IIIA.
For Medium- And High-Horsepower Locomotives.



Clean, Reliable Power. QSK95.

The QSK95 is ready to meet EPA Tier 4 and EU Stage IIIB emissions regulations for locomotives. It is designed to exceed the performance of comparable 20-cylinder high-speed engines, and is far more compact and cost-effective than medium-speed engines at this horsepower.

With ratings from 3600 hp to 4400 hp (2685-3281 kW), the QSK95 is engineered with premium materials and the latest technologies and design features to ensure the highest performance, lowest fuel consumption, cleanest emissions and lowest total cost of ownership of any locomotive engine.

For locomotive builders with varied emissions requirements, the QSK95 will meet Tier 4/Stage IIIB, Tier 3/Stage IIIA and nonregulated applications with a common base-engine configuration. Each version will have similar packaging requirements, with the only major difference being the swapping of the silencer with aftertreatment and the addition of a urea tank for Tier 4/Stage IIIB applications. The common approach of using proven base-engine technologies ensures that high reliability and durability will be achieved, regardless of the emissions standard.

High-Speed Advantage – Highest engine power density and compact aftertreatment deliver an efficient, powerful locomotive package that is capable of both light-axle-load and heavy-haul applications.

Modular Common Rail (MCRS) Fuel System – Has proven reliability and durability in the toughest applications around the world. Precision multi-injection fueling control at ultra-high pressure, regardless of engine speed and load, is the foundation for clean-burn combustion, lowest noise and unmatched performance.

Single-Stage Quad Turbochargers – Four compact turbochargers deliver best-in-class clean acceleration, tight packaging, excellent serviceability and unmatched cost-effectiveness.

Cooling System Efficiency – 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.

QSK95 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	
Weight (Dry)	29,300 LB	13,290 KG
Length	145 IN	368 CM
Width	65 IN	165 CM
Height	95 IN	241 CM

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