



# Better Train Of Thought.

QSX15 For EPA Tier 4 And Stage IIIB.

For Single/Multi-Engine Switcher Locomotives.

■ Cooled Exhaust  
Gas Recirculation (EGR)

■ VGT™  
Turbocharger

■ Xtra-High  
Pressure  
Injection (XPI)  
Fuel System



■ Fully Integrated  
Electronic Controls

■ Cummins  
Particulate  
Filter

# Clean, Reliable Power. QSX15.

Cummins QSX15 is ready to meet future emissions standards today. Whether your application requires a single-engine industrial shunter or an 1800-hp (1342 kW) multi-engine yard switcher, the QSX15 is engineered to deliver the economical, reliable power and performance that you expect from a Cummins engine.

Every major component and system is designed by Cummins for total quality control, building on a proven engine with fully integrated electronics. An improved, more precise air-handling system has reduced restriction, which helps optimize performance.

With strong performance and durability, exceptional dependability and superior fuel economy, you've got every reason to choose the QSX15 for your switcher.



**XPI Fuel System** – The proven technology of the XPI common-rail fuel system delivers a precise quantity of fuel at ultra-high pressures. This, together with more robust electronic engine controls, enables multiple injection events per cycle. Flexibility in injection timing increases fuel economy and performance while decreasing exhaust emissions.

**VGT™ Turbocharger** – The Cummins VGT Turbocharger is both simple and precise. Electric actuation allows infinite adjustment, providing the exact amount of boost necessary for superior response. The proven sliding-nozzle design has best-in-class reliability and durability.

**Cooled EGR** – This next-generation system lowers combustion temperatures for reduced emissions and optimized fuel economy.

**Fully Integrated Electronic Controls** – A single higher-capacity Electronic Control Module (ECM) controls everything from air intake to exhaust aftertreatment for peak performance and near-zero emissions.

**Cummins Particulate Filter** – The proven Cummins Particulate Filter reduces particulate matter by over 90% while maintaining best-in-class performance, reliability and durability. The engine and aftertreatment systems work together to transparently deliver clean, reliable power over any operating cycle.

## QSX15 Specifications

Advertised Horsepower	500-600 hp	373-448 kW
Governed Speed	1800 rpm	
Displacement	915 cu in	15 Liters
Number of Cylinders	6	
Oil System Capacity	22 U.S. Gallons	83 Liters
System Weight	3,291 lb	1,493 kg
Engine (Dry)	3,009 lb	1,365 kg
Aftertreatment System*	125 lb	57 kg

## QSX15 Maintenance Intervals

Maintenance Items	Hours
Oil and Filter*	500
Fuel Filter	500
Coolant Filter**	1,500
Valve Adjustment	6,000
Coalescing Filter***	3,000
Particulate Filter Cleaning	6,000

\* Assuming normal duty cycle for switcher locomotive applications.

\*\* With appropriate filter.

\*\*\* For blowby < 12 in. H<sub>2</sub>O.



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Bulletin 4087224 Printed in U.S.A. 9/11  
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