



Better Every™ Call.

ISX12 For Fire And Emergency
Vehicle Applications.

■ Cooled Exhaust
Gas Recirculation (EGR)

■ XPI Fuel
System

■ VGT™ Turbocharger

■ Fully Integrated
Electronic Controls

■ EcoFit™ Ultra-Low
Emission (ULE)
Systems



Responding Faster. Every™ Call. ISX12.

Cummins ISX12 delivers everything you want – better performance, reliability and durability. It has strong pulling power and excellent throttle response – all in a compact design.

Every major component and system is designed and built by Cummins for total quality control, and the ISX12 shares technology with the proven ISX15 engine.

At Cummins, we know that every second is critical when you're responding to an emergency. There's no room for doubt about the readiness of your equipment – or its ability to get you to the scene in a hurry.

Being able to meet budgets is critical as well – and that's where the ISX12, with its long service intervals and improved fuel economy, can come to the aid of your operating budget.

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 patented design of the VGT Turbocharger is widely recognized as the industry leader for performance. Electric actuation improves precision and responsiveness.

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.

EcoFit™ Ultra-Low Emission (ULE) Systems – The proven ULE System from Cummins Emission Solutions consists of Selective Catalytic Reduction (SCR), a Diesel Particulate Filter (DPF) and dosing products, to meet near-zero emissions standards while maintaining best-in-class performance, reliability and durability. These technologies have been proven in the U.S. and Europe for years and field-tested under the most extreme conditions. The system uses Diesel Exhaust Fluid (DEF) to achieve oxides of nitrogen (NOx) emissions at near-zero levels. DEF is readily available; reference Cummins Filtration flyer LT15618 for more information.



ISX12 Specifications

Advertised Horsepower	370-500 HP	276-373 kW
Peak Torque	1450-1645 LB-FT	1966-2230 N•M
Governed Speed	2100 RPM	
Clutch Engagement Torque	800 LB-FT	1085 N•M
Number of Cylinders	6	
System Weight	2,888 LB	1,310 KG
Engine (Dry)	2,666 LB	1,209 KG
Aftertreatment System*	222 LB	101 KG

*Increase over standard muffler; does not include chassis OEM-supplied components.

Every Need. Met.

Cummins offers the largest service network in North America. Our authorized service technicians are fully trained on all our engines and have the necessary equipment and Genuine Cummins Parts to promptly handle any type of service issue.



When you need help finding a repair location for your Cummins equipment, Cummins Care is available. Cummins Care is an enhanced customer support program available 24/7/365. Representatives are available to help you locate the nearest authorized repair location or provide additional assistance, if needed. Cummins Care representatives are also prepared to answer operational questions that you might have on topics such as fuel and oil specifications, maintenance intervals, DEF availability and more.

Better. Every Call.

For more information about the ISX12, visit your local Cummins distributor or dealer, phone Cummins Care at 1-800-DIESELS™ (1-800-343-7357) or visit cumminsengines.com.

Cummins is a pioneer in product improvement. Thus, specifications may change without notice. Illustrations may include optional equipment.



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