



350-500 HP / 1250-1700 LB-FT TORQUE





# THE PRODUCTIVITY LEADER.



**C**ummins X12 redefines the entire medium-bore engine category (10L-13L), setting new standards for productivity in regional-haul, vocational and intermodal truck applications. It's performance that is not just unchallenged – it's unbeatable. Smaller in size – at least 150 pounds lighter than the next-closest competitive engine and up to 600 pounds lighter than other medium-bore engines – the X12 still delivers powerful performance from 350 hp to 500 hp and 1250 to 1700 lb-ft of peak torque. At just 2,050 pounds, it has the highest power-to-weight ratio of any heavy-duty engine from 10 liters to 16 liters in size. The combination of power and efficiency is striking. You can gear the X12 to pass traffic in the left lane and still have plenty of fuel left in the tank for every job.





## THE BEST OF ALL WORLDS.

A legacy of proven performance goes into every Cummins X12. From L10 and M11 in the 1980s to ISM and ISX engines through the turn of the century, we've been building on a proven platform designed for maximum uptime and productivity. The X12 will be built in Jamestown, N.Y., in the same production facility as the Cummins X15™, and will share many heavy-duty components, including our proprietary Cummins Holset VGT® Turbo, XPI fuel system, Electronic Control Module (ECM), our new Single Module™ aftertreatment system and ADEPT™ advanced electronic features. It's an engine platform that's been tested in the toughest, most challenging operations around the world – from the Outback of Australia to the Rockies of Colorado, it just keeps rolling.

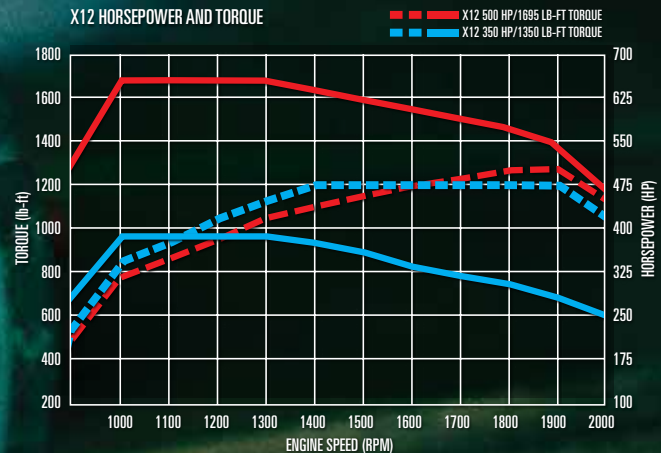
## BETTER IN THE SHORT HAUL. AND OVER THE LONG HAUL.

Regional-haulers with hub-and-spoke operations can expect their Total Cost of Ownership to drop significantly with the X12. A low-friction design increases fuel economy while extended maintenance intervals, that are similar to the X15, and high mileage, real-world experience ensures maximum uptime. Less time spent in the shop means more money earned on the road.

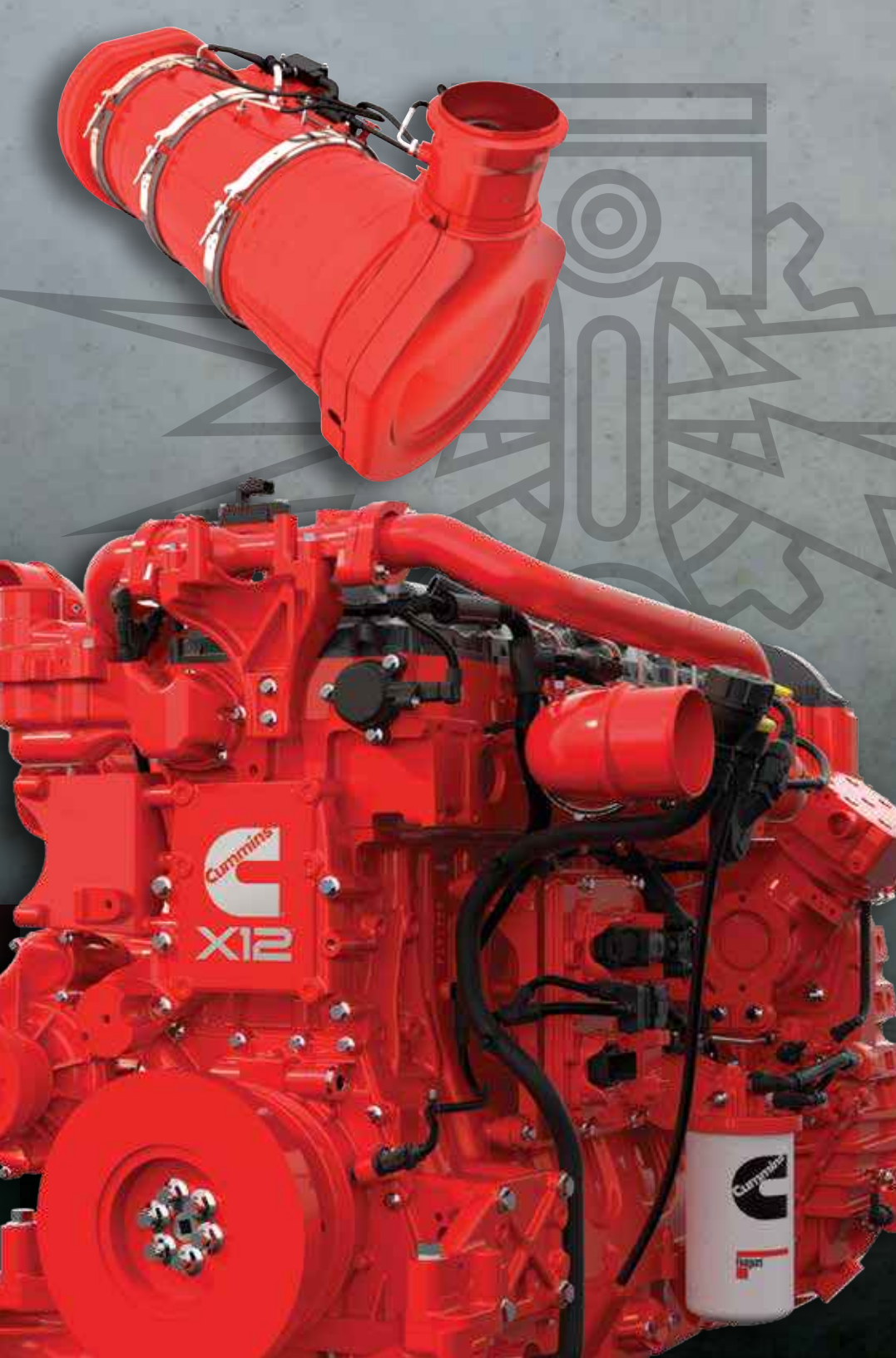
The X12 has been proven globally in the toughest working conditions.



X12 HORSEPOWER AND TORQUE







## **RUN QUICKER. DELIVER MORE.**

The X12 is designed to deliver exceptional throttle response for inner-city stop-and-go operations, especially when paired with an automated manual transmission. Plus, its compact size enables shorter bumper-to-back of cab (BBC) dimensions with improved maneuverability. A new Cummins engine brake improves stopping power over the ISX12 and lengthens service brake life. Drivers will really like the way the X12 performs, whether the traffic light is turning green or red.

## **CARRY MORE. DO MORE.**

Put the ultra-compact, lightweight X12 in your vehicle instead of competitive medium-bore engines, and you'll be able to carry an extra 600 pounds of payload. So you can get more done with each trip and maximize your bottom line. One revolutionary change that further reduces weight and takes up less space is our new Single Module aftertreatment system.

The Single Module eliminates up to 40 percent of the aftertreatment weight, and the compact size allows it to be positioned closer to the engine for more efficient heat management. That means fewer regenerations, lower maintenance, improved performance and a lower TCO while meeting 2017 greenhouse gas (GHG) and National Highway Traffic Safety Administration (NHTSA) fuel-economy regulations.



## REDEFINING UPTIME.

The X12 will be enabled with Connected Diagnostics™ to automatically perform troubleshooting if a fault code is triggered, sending notifications of probable cause and



**Connected  
Diagnostics™**

recommended  
actions, and  
giving you the

knowledge you need to keep equipment operating safely.

The X12 is even equipped to enable over-the-air calibrations, so you don't need to take a truck out of service to make updates. The compact design of the X12, together with easy service access points for scheduled maintenance, further increases uptime.

## TRUST MAKES ALL THE DIFFERENCE.

The most reassuring part of owning any Cummins-powered vehicle is knowing that we've always got your back. Cummins engine experts and our extensive training programs ensure service and support excellence that you can depend on, no matter the situation. We are committed to the success of your business, which means complete dedication to working with you as a partner on everything from upfront vehicle and engine spec'ing to maximizing your uptime. You aren't just buying a Cummins engine; you're buying Cummins expertise and commitment, which you can access anywhere your business takes you by calling 1-800-CUMMINS™ (1-800-286-6467). Peace of mind is always nearby with over 3,500 authorized Cummins parts and service locations throughout North America. For details about the X12, see your local Cummins distributor or visit [cumminsengines.com](http://cumminsengines.com).



## X12 RATINGS.

\* H = Regional Haul/Linehaul V=Vocational R=Refuse

Engine Model	Power hp (kW)	Peak Torque lb-ft (N•m) @ rpm	Market*
X12 500	500 (373)	1695 (2298) @ 1000	V
X12 475	475 (354)	1700 (2305) @ 1000	V
X12 455SA	455 (339)	1550/1700 (2101/2305) @ 1000	H
X12 455ST	455 (339)	1550/1700 (2101/2305) @ 1000	H
X12 455	455 (339)	1700 (2305) @ 1000	H/V
X12 455	455 (339)	1550 (2101) @ 1000	V
X12 430	430 (321)	1650 (2237) @ 1000	H/V
X12 430	430 (321)	1550 (2101) @ 1000	H/V
X12 410SA	410 (306)	1450/1650 (1965/2237) @ 1000	H
X12 410ST	410 (306)	1450/1650 (1965/2237) @ 1000	H
X12 410	410 (306)	1650 (2237) @ 1000	H
X12 410	410 (306)	1450 (1965) @ 1000	H/V
X12 400SA	400 (298)	1550/1700 (2101/2305) @ 1000	H
X12 400ST	400 (298)	1550/1700 (2101/2305) @ 1000	H
X12 400	400 (298)	1400 (1898) @1000	H
X12 380	380 (283)	1450 (1965) @ 1000	H/V/R
X12 370	370 (276)	1350 (1830) @ 1000	H/V
X12 365	365 (272)	1250 (1695) @ 1000	V/R
X12 350	350 (261)	1350 (1830) @ 1000	H/V/R

## X12 SPECIFICATIONS.

Horsepower @ 1900 rpm	350-500 hp	261-373 kW
Peak Torque	1250-1700 lb-ft	1695-2305 N•m
Clutch Engagement Torque	800 lb-ft	1085 N•m
Number of Cylinders	6	
System Weight*	2,241 lb	1,017 kg
Engine (Dry)	2,050 lb	930 kg
Aftertreatment System*	191 lb	87 kg

\*Depending on configuration

# X12



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Bulletin 5410581 Printed in U.S.A. Rev 9/17  
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