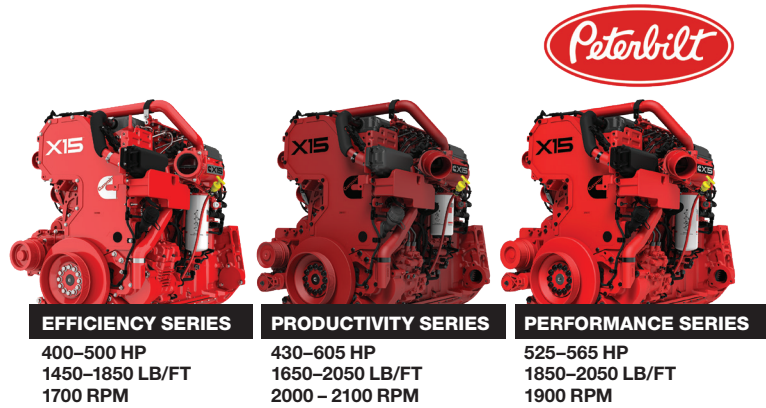


X15™

2021 PORTFOLIO

Cummins EPA 2021 X15 portfolio offers three distinct X15 series to choose from. This enables our customers to choose the model that best fits their needs without compromising the efficiency, performance and dependability they rely on.



EFFICIENCY SERIES

400–500 HP
1450–1850 LB/FT
1700 RPM

PRODUCTIVITY SERIES

430–605 HP
1650–2050 LB/FT
2000 – 2100 RPM

PERFORMANCE SERIES

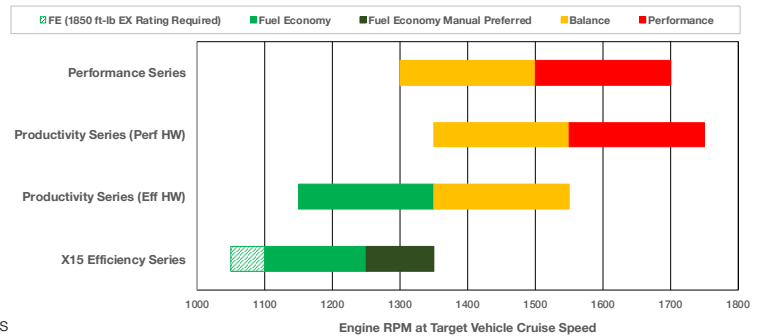
525–565 HP
1850–2050 LB/FT
1900 RPM

TECHNOLOGY DRIVING DOWN TCO*

- 75,000 mile ODI, with up to 100,000-mile ODI by using the OilGuard™ program
- Longest DPF maintenance interval in its class at 600,000-800,000 miles
- Can be paired with Endurant® HD, which features a 750,000-mile lube interval
- Reduced weight and complexity with the Single Module™ aftertreatment
- Strongest engine brake in the industry lengthens the life of service brakes

* All intervals and improvement data is up to the respective number and depends on duty cycles.

GEARING RECOMMENDATIONS TO MEET YOUR OBJECTIVE.



TRANSMISSION COMPATIBILITY

Automated Manual Transmission Compatibility

X15 SERIES	RATINGS	GOV SPEED	ENDURANT HD		EATON FULLER ADVANTAGE	EATON ULTRASHIFT PLUS						
			Endurant HD OD		FAS C Ratio	MHP	MXP	VXP	VCS	VMS		
			12 spd	1450-1850	10 spd	13 spd	18 spd	18 spd	10 spd	11 spd		
			110k	110k	110k	140k	Unlimited	Unlimited	110k	110k		
Efficiency	Straight	1700	•	•	•	-	-	-	-	-	-	-
	ST	1700	•	•	•	-	-	-	-	-	-	-
	EX	1700	-	-	-	-	-	-	-	-	-	-
Performance	Straight	1900	-	-	-	•	•	•	•	•	•	•
	430-500 HP	2000	•	•	•	•	•	•	•	•	•	•
	565-605 HP	2000	-	-	-	•	•	•	•	•	•	•
Productivity	Emergency	2100	-	-	-	-	•	•	-	-	-	-

Manual and Automatic Transmission Compatibility*

X15 SERIES	RATINGS	GOV SPEED	EATON MANUAL							ALLISON					
			FAS M	FR-10	RT-13	RT-15	RT-18	RT-8ALL	RT-9ALL	ALLISON 4000	ALLISON 4500	ALLISON 4700	ALLISON 4750	ALLISON 4800	ALLISON 4850
			10 spd	10 spd	13 spd	15 spd	18 spd	10 spd	11 spd	6 spd	6 spd	6 spd	6 spd	6 spd	6 spd
			1450-1650	950-1850	1050-2050	1250-1650	1650-2250	860-1650	1450-1650						
			110k	110k	Unlimited	110k	Unlimited	110k	110k						
Efficiency	Straight	1700	•	•	•	-	•	-	-	-	-	-	-	-	-
	ST	1700	•	•	•	-	•	-	-	-	-	-	-	-	-
	EX	1700	-	-	-	-	-	-	-	-	-	-	-	-	-
Performance	Straight	1900	-	•	•	-	•	•	-	•	•	•	-	•	-
	430-500 HP	2000	•	•	•	•	•	•	•	•	•	-	-	-	-
Productivity	565-605 HP	2000	-	•	•	-	•	•	-	•	•	•	-	-	-
	Emergency	2100	-	-	•	-	•	-	-	•	•	•	-	-	•

*RVs are only available with automatic transmissions.

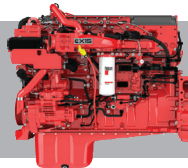


OPTIMIZED FOR EFFICIENCY.

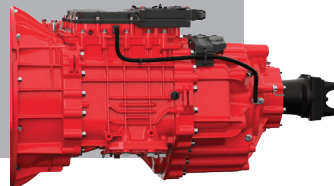


2021 X15 FUEL ECONOMY IMPROVEMENTS*

UP TO 3.5%
over 2017 with powertrain
optimizations



UP TO 3.5%**
ADDITIONAL
when using EX features
available today



*All fuel economy improvements are up to the listed percentage over the 2017 model engine depending on spec, duty-cycle and optimization of powertrain.

**1.5% is from EX features with up to an additional 2.5% coming from predictive features being newly integrated with the Freightliner and X15 package.

INTEGRATED POWER: EXPECTING THE ROAD AHEAD.

Cummins has the powertrain technology to deliver improved fuel economy, drivability and performance to help optimize your operations. The new EX ratings offered in the Efficiency Series (paired with the Endurant HD transmission and look-ahead map data) feature an expanded powertrain package with industry-exclusive electronic features:

- **Predictive Gear Shifting** enhances transmission gear selection using look ahead data to improve vehicle performance on hills.
- **On-Ramp Boost** identifies when a vehicle is on an on-ramp and allows for improved vehicle acceleration to assist in the merging.
- **Predictive Braking** uses look ahead data and improved transmission integration to better control vehicle speed on hills.
- **Dynamic Power** adapts to route and vehicle load to allow for optimum balance of efficiency and power for your current duty cycle.

EX RATINGS

Requires look-ahead map data input to enable exclusive electronic features. Individual predictive features can be customized.

Sales Code	Rating	Governed RPM	Torque
2059775	X15 400 EX	1700	1650 LB/FT @ 950 RPM
2059776	X15 400 EX	1700	1750 LB/FT @ 950 RPM
2059777	X15 400 EX	1700	1850 LB/FT @ 950 RPM
2059782	X15 450 EX	1700	1750 LB/FT @ 950 RPM
2059783	X15 450 EX	1700	1850 LB/FT @ 950 RPM
2059918	X15 500 EX	1700	1850 LB/FT @ 950 RPM

X15 EFFICIENCY SERIES: THE BEST GETS EVEN BETTER.

Rookies drive like pros with the fuel saving and performance-enhancing technologies offered in the X15 Efficiency Series.

Sales Code	Rating	Governed RPM	Torque
2059778	X15 400 ST	1700	1450/1650 LB/FT @ 950 RPM
2059779	X15 400 ST	1700	1550/1750 LB/FT @ 950 RPM
2059780	X15 400 ST	1700	1650/1850 LB/FT @ 950 RPM
2059787	X15 450 ST	1700	1450/1650 LB/FT @ 950 RPM
2059788	X15 450 ST	1700	1550/1750 LB/FT @ 950 RPM
2059789	X15 450 ST	1700	1650/1850 LB/FT @ 950 RPM
2059784	X15 450	1700	1650 LB/FT @ 950 RPM
2059785	X15 450	1700	1750 LB/FT @ 950 RPM
2059786	X15 450	1700	1850 LB/FT @ 950 RPM
2059914	X15 500	1700	1650 LB/FT @ 950 RPM
2059916	X15 500 ST	1700	1650/1850 LB/FT @ 950 RPM
2059915	X15 500	1700	1850 LB/FT @ 950 RPM

X15 PRODUCTIVITY SERIES: DESIGNED TO HANDLE THE HEAVY LIFTING.

For vocational, emergency, recreational, regional haul and many other multipurpose applications with a high GVW, the new X15 Productivity Series ratings have the torque, responsiveness and rugged durability needed to deliver, no matter the job.

Sales Code	Rating	Governed RPM	Torque
2059781	X15 430 V	2000	1650 LB/FT @ 950 RPM
2059790	X15 450 V	2000	1650 LB/FT @ 950 RPM
2059791	X15 450 V	2000	1750 LB/FT @ 950 RPM
2059792	X15 470 V	2000	1750 LB/FT @ 950 RPM
2059793	X15 500 V	2000	1650 LB/FT @ 950 RPM
2059917	X15 500 V	2000	1850 LB/FT @ 950 RPM

400-500 HP ratings use Efficiency Series Hardware. 565-605 HP use Performance Series Hardware

2059919	X15 565 V	2000	1850 LB/FT @ 1000 RPM
2059990	X15 605 V	2000	1850 LB/FT @ 1000 RPM
2059991	X15 605 V	2000	2050 LB/FT @ 1000 RPM

Emergency

2059920	X15 500 EV	2000	1850 LB/FT @ 1000 RPM
2059924	X15 565 EV	2100	1850 LB/FT @ 1000 RPM
2059989	X15 605 EV	2100	1850 LB/FT @ 1000 RPM

X15 PERFORMANCE SERIES: BRAVN AND BRAINS.

The 2021 X15 Performance Series boasts the most powerful engine and engine brake in the industry.

Sales Code	Rating	Governed RPM	Torque
2059921	X15 525	1900	1850 LB/FT @ 1000 RPM
2059922	X15 565	1900	1850 LB/FT @ 1000 RPM
2059923	X15 565	1900	2050 LB/FT @ 1000 RPM

Cummins is not responsible for the accuracy of this information if printed. For the most updated content, please refer to the digital copy on peterbilt.cummins.com.



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