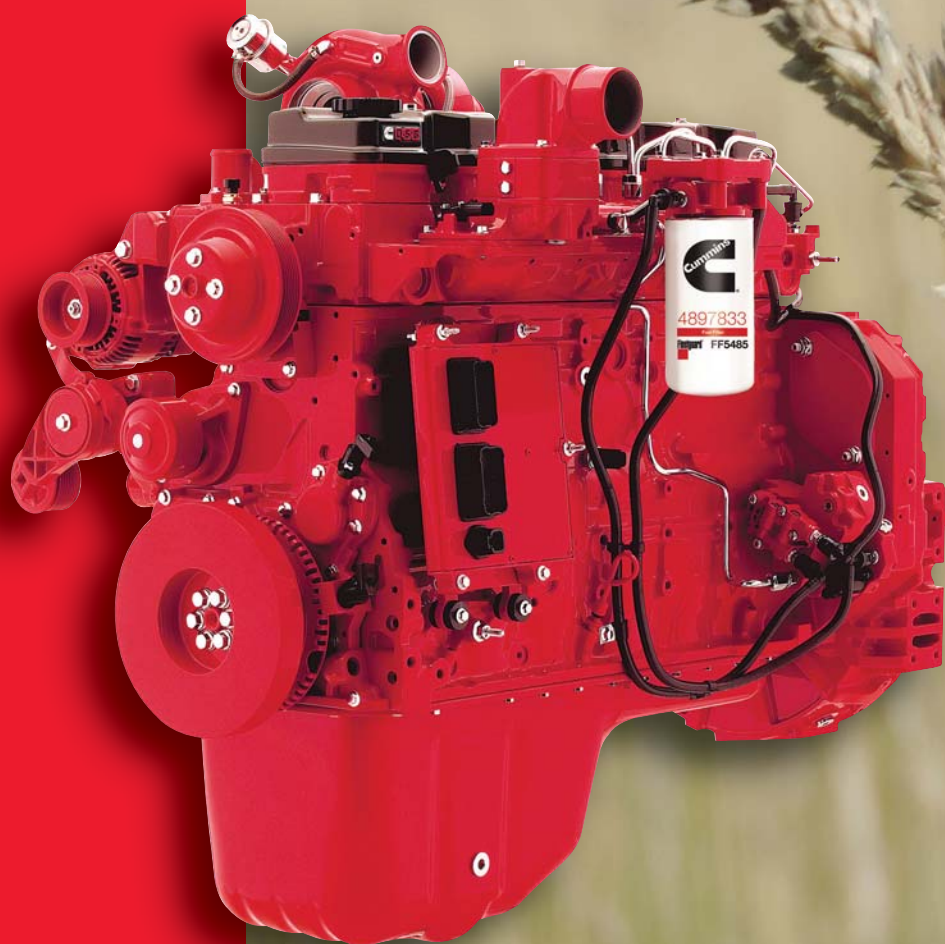




Growing together

Your partner for the best power solution



It's in **our roots**

Since 1919 Cummins has been a **pioneer in diesel engine technology**. An inherent passion for innovation drives the development of leading power solutions used all across the globe. With **over 60 years experience in agriculture and 1 million engines in the field**, Cummins is associated with some of the most reputable equipment manufacturers in the industry, all choosing Cummins as a **reliable and durable power solution**.

Cummins has a proud record of setting the standard in agriculture. No engine has a reputation like the 14 litre N series, well known for providing heavy duty power for large tractors, the engine set the pace in the 1950s and was the favourite of its time. In contrast the mid-range 5.9 litre B series engine developed in the 1980s provided an ideal platform for smaller agricultural equipment. The 1990s saw Cummins introduce the very first electronic engines with smart power in the industry, where

sophisticated controls provided maximised power capability.

Today the Cummins engine range continues to offer the most effective and productive solutions in the industry using the most advanced technologies and the latest emission reduction techniques around. Cummins powered tractors, harvesting and other speciality agricultural equipment can be seen running right across the world and meeting some of the toughest demands possible.





Cummins has a proud record of **setting the standard in agriculture**



Growing **together**

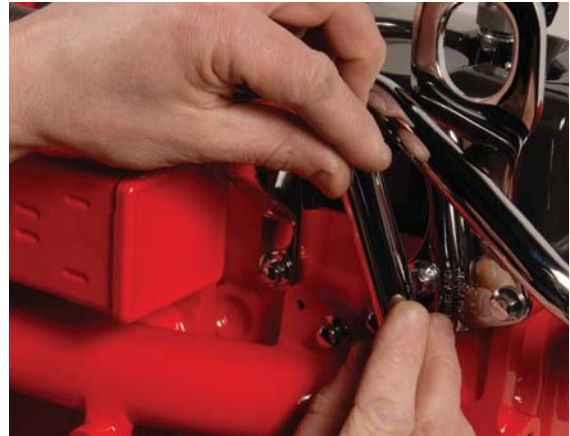
Cummins works closely with the equipment manufacturer to **provide the ideal power solution**. With engines from **2.8 to 19 litres** (49 - 832 hp / 37 - 620 kW) Cummins has a full range from small to large to deal with demands in the field.

With a breadth of experience across multiple applications, from a combine harvester to a tractor, sprayer or loader, Cummins can help. Designed for maximum reliability and performance, Cummins engines enable optimal equipment productivity during the peak planting and harvesting seasons. With engines running all around the world from Australia to America, Russia to Brazil or Europe, you can depend on Cummins.

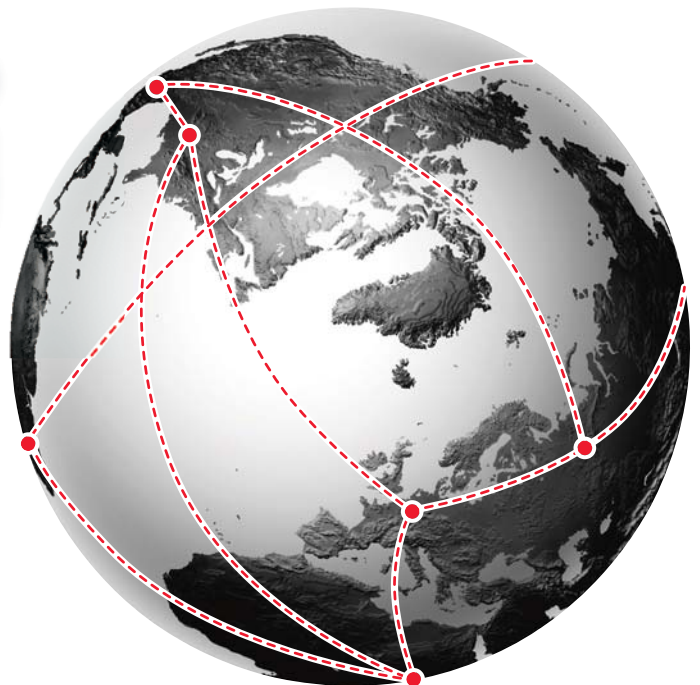


A team of expert engineers work to integrate the right engine into the vehicle, testing and ensuring it works perfectly. The Cummins Customer Engineering group provides OEM customers

With engines running **all around the world** from Australia to America, Russia to Brazil or Europe, **you can depend on Cummins**



unrivalled access to secure technical data on every Cummins engine, using the Global Customer Engineering (GCE) website. Unique in the industry, the GCE website provides engine performance curves, upfit option availability, computer-aided design (CAD) models and Application Engineering Bulletins.



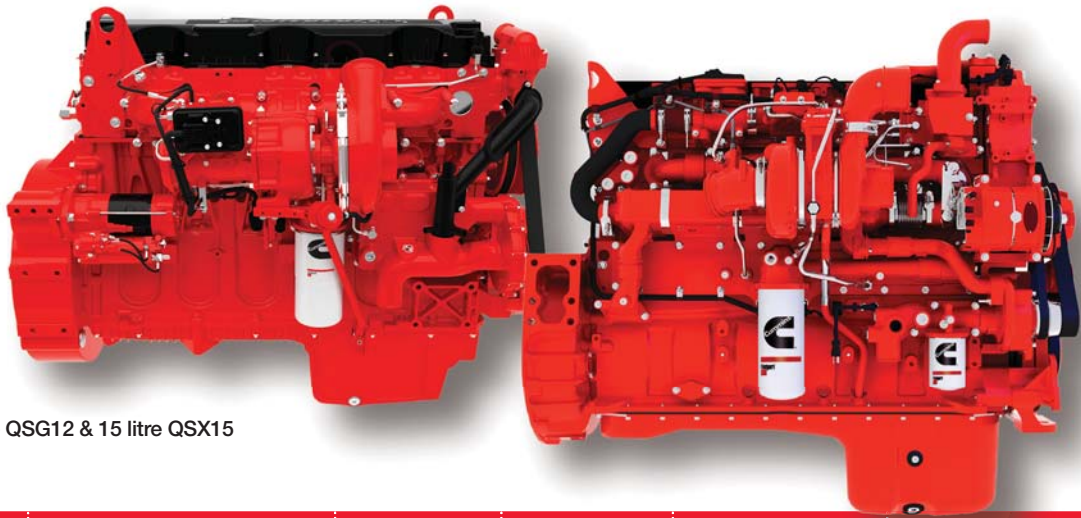
The right **solution**

With the most extensive line up in the industry, spanning **21 engine models**, Cummins **provides reliable and relevant solutions** wherever you are in the world from 49 - 832 hp (37 - 620 kW).

With advanced emission technology the latest engines provide a clean power solution meeting stringent government legislations up to Tier 4 Final / EU Stage IV where emissions are at near-zero levels. In addition Cummins latest engines

are capable of using B20 biodiesel, helping the environment and the operator's bottom line. All Cummins engines are designed and built with durability, performance and fuel efficiency in mind, providing the best power package around.





12 litre QSG12 & 15 litre QSX15

Engine	Hp (kW)	Tier 2 / Stage II	Tier 3 / Stage III A	Tier 4 Interim / Stage III B	Tier 4 Final / Stage IV
QSF2.8	49 - 74 hp (37 - 55 kW)		✓		✓
B3.3	60 - 85 hp (45 - 63 kW)	✓	✓	✓	
F3.8	85 - 99 hp (63 - 74 kW)		✓		
QSF3.8	85 - 132 hp (63 - 98 kW)		✓		✓
B3.9	80 - 130 hp (60 - 97 kW)	✓	✓		
QSB3.9	120 - 135 hp (89 - 101 kW)	✓			
B4.5	80 - 104 hp (60 - 78 kW)	✓			
QSB4.5	110 - 173 hp (82 - 129 kW)	✓	✓	✓	✓
B5.9	125 - 200 hp (93 - 149 kW)	✓	✓		
QSB5.9	130 - 275 hp (97 - 205 kW)	✓	✓		
QSB6.7	133 - 310 hp (99 - 231 kW)		✓	✓	✓
C8.3	145 - 260 hp (108 - 194 kW)	✓			
QSC8.3	215 - 305 hp (160 - 227 kW)		✓		
6LT8.9	220 - 360 hp (164 - 268 kW)	✓			
QSL9	230 - 400 hp (172 - 298 kW)		✓	✓	✓
QSM11	250 - 400 hp (186 - 298 kW)	✓	✓		
QSG12	335 - 512 hp (250 - 382 kW)				✓
QSZ13	380 - 575 hp (283 - 429 kW)	✓	✓		
QSN14	350 - 525 hp (261 - 391 kW)		✓		
QSX15	350 - 680 hp (261 - 507 kW)	✓	✓	✓	✓
QSK19	506 - 832 hp (377 - 620 kW)	✓	✓		

Ratings could differ depending on specific engine at different emission standards.

QS – denotes Quantum System which is a full authority electronic engine.

Engine capacity in litres is noted in the product name.

EU Stage V emissions capability under development.


Ultra-low **emissions**

For US EPA **Tier 4 Final** and EU **Stage IV emissions** regulations, Cummins has a technology solution with clear advantages for every type of equipment. The regulations require a **major reduction in emissions**, bringing particulate matter and oxides of nitrogen to **near-zero levels**.

For equipment manufacturers, the Cummins Tier 4 Final / Stage IV package provides a fully integrated air-intake-to-exhaust aftertreatment system designed to minimise space and maximise output. For optimised performance Cummins uses a combination of different Tier 4 Final / Stage IV Technologies across different power bands, ensuring the best result for every application. The technology approach is incremental, where the right usage of diesel oxidation catalyst, selective



catalytic reduction or diesel particulate filter technology allows Cummins to meet these stringent standards whilst delivering performance and packaging benefits to the customer. Cummins has vast experience in exhaust aftertreatment, with all solutions designed and built in house by Cummins Emission Solutions. Knowledge and experience with the diesel particulate filter positions Cummins well for any future emissions regulations which would most likely call for particulate level counting.

TIER 4 FINAL / STAGE IV AFTERTREATMENT			
ENGINE	DOC 	DPF 	SCR 
QSF2.8 	✓		
QSF3.8 			✓*
QSB4.5 	✓		✓
QSB6.7 	✓		✓
QSL9 	✓		✓
QSG12 		✓	✓
QSX15 		✓	✓

DOC – Diesel Oxidation Catalyst
DPF – Diesel Particulate Filter
SCR – Selective Catalytic Reduction
 * DOC – Only for 74 hp engine



Supported **everywhere**

No matter where your equipment is put to work, Cummins stands ready to service it. **Our parts and service network is the world's largest, with over 6,500 Cummins distributor and dealer locations in over 190 countries.**

Each authorised location maintains a full inventory of Genuine Cummins new and ReCon parts. For information fast, quickservice.cummins.com gives constant access to the latest information on parts, service, information tools, training, special promotions and more.

Cummins is a global power leader, where worldwide technical expertise enables the development of the best engines meeting the customers needs. As the world's largest independent diesel engine company Cummins has a global manufacturing footprint; best positioning the company to deliver a product that is made locally.

Cummins provides more than just an engine, Cummins offers a brand promise. The Cummins brand is one of the most highly recognised diesel engine provider in the world.

A Cummins engine comes with a **promise of quality, reliability and durability** that complements any leading equipment manufacturer's product offering



Giving a premium appeal and improved after-sale value, farmers see the value of a Cummins engine every day, not only in tractors and harvesting machines but also in pick-up trucks, loaders, mowers and handling equipment. No other engine company provides such a varied level of experience and such a heritage of knowledge built not only in agriculture, but across a full range of off-highway equipment applications.

To learn more about Cummins Tier 4 Final / Stage IV engines and our fully integrated aftertreatment system with SCR, including details about Diesel Exhaust Fluid (AdBlue), please visit www.tier4.info

For answers to questions regarding your Cummins engine and aftertreatment system, please contact Cummins Care at **1-800-DIESELS™ (1-800-343-7357)**.

For support in Europe, please call **+44 (0) 1327 886464**, or e-mail cceurope@cummins.com



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