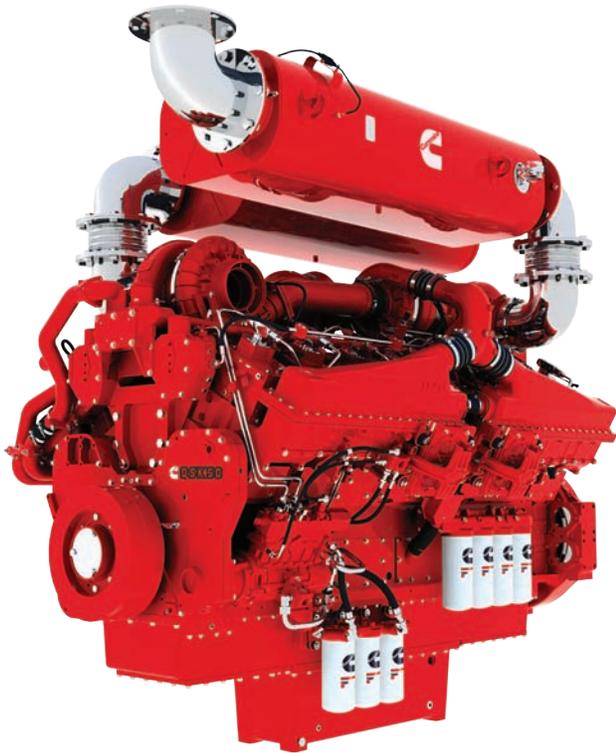




Cummins Power For Well Servicing.





Cummins Well Servicing Solutions.

Cummins engines for well servicing are the toughest in the industry – more than ready to meet every challenge of your blending, cementing, fracturing and workover applications. Specialized aggressive ratings are available on many of our engine models.

Power For Every Shale Frac.

Extracting natural gas from shale formations successfully and safely requires the right products and technology. Multiple-stage frac jobs require hundreds of trucks and thousands of horsepower with the utmost in dependability. Cummins high-horsepower QSK60, QSK50, QST30 and QSK23 engines are designed for the high loads and high hours it takes to complete a frac job. These engines range from 760 hp to 3000 hp, and are in use today in the most demanding and tightest shale plays in North America, including Barnett, Haynesville, Fayetteville, Horn River and Marcellus, along with other shale plays throughout the world.

Your Clear Leader.

Cummins has the emissions leadership to meet all regional and national requirements. Because Cummins is the only manufacturer to have all key technologies in-house, we design, develop, manufacture and integrate every component, from the air intake to the exhaust aftertreatment. Fully integrated technology helps us optimize performance, yielding higher productivity with uptime that you can depend on. It's the reason Cummins is in production of Tier 4 Final engines well in advance of the 2015 regulations taking effect.

Taking The Complexity Out Of Tier 4 Final.

Every engine manufacturer faced a decision on which Tier 4 Final emissions-reduction technology would be the best for the oil-and-gas market. Each solution would mean changes to the equipment and its operation. Our Tier 4 Final solution demonstrates how very low emissions standards can be met with a simple solution while maintaining the performance that well-servicing equipment, drilling modules, mud pumps and well-servicing pumps require. Power, performance, reliability and durability are critical to the oil-and-gas industry. Cummins Tier 4 Final engines provide all of that, plus simplicity of installation, excellent productivity and a reduction in overall operating costs.

Innovative Dual Fuel Engines.

Our innovation continues with the introduction of Cummins dual fuel engine technology. Our dual fuel engines provide seamless transitions from diesel to dual fuel operation, delivering considerable fuel savings while retaining the power density and transient response that customers have come to depend on from Cummins diesel engines. Cummins dual fuel technology can help you reduce fuel costs by up to 40 percent, promoting energy independence as it improves your bottom line.



Custom-Designed Workover Rig Packages.

Workover rigs are a highly specialized application that demands a unique solution. Cummins Oil and Gas Center of Excellence builds and validates complete turnkey units to your specifications. These packages include emissions-compliant engines from 340 hp to 550 hp (254-410 kW). Our integrated controls system includes digital and analog displays that let you monitor operation from inside the cab or on the chassis deck.

A Singular Advantage.

Using the same company to power your trucks and your frac pumps makes service and support easier. With our on-highway ISX15 and ISX12, Cummins is the only company that has the capability and technology to power both your trucks and frac operations in all of the United States and Canada. Our support network ensures that you can count on Cummins to continue to keep your equipment running in the field.

Assistance At Every Stage.

With Cummins, you'll gain the advantage of complete on-site support through engineering, site planning, installation and startup. Our comprehensive approach gives our customers unparalleled advantages for planning, implementation and life-cycle management. That includes our commitment to equip operators with the right parts inventory and provide resources to train operators on-site. We stand ready to deliver industry-focused solutions and the broad infrastructure needed to help you master well-servicing challenges.

World-Class Customer Support. Worldwide.

The strength of our established global support network allows us to be exceptionally responsive to your needs. The Cummins network spans the globe, providing all the support you need, with over 600 distributor service locations in over 160 countries working around the clock to meet your immediate needs for parts and service over the life of your equipment. Every location maintains a full parts inventory, including critical parts. If a piece of Cummins-powered equipment needs attention, one call to Mobile QuickServe® will result in an action plan within 30 minutes and a technician dispatched within four hours. Technicians arrive equipped with smart tools such as INSITE™ software for rapid diagnostics and troubleshooting.

Technical Assistance Just A Click Away.

Technicians (ours and yours) have 24/7 access to QuickServe® Online (quickserve.cummins.com). QSOL provides engine data and access to service resources for global support on all oil and gas drilling projects.

Unsurpassed Warranty Coverage.

With Cummins, your well-servicing equipment is covered by the most comprehensive warranty in the business – from factory-supplied components to items manufactured by outside vendors.



Every Question, Answered.

Cummins has the power to help your well-servicing capabilities reach further, with increased uptime and greater productivity. Most important, our presence and support worldwide make Cummins a proven, committed oil-and-gas partner you can always depend on. For additional details, visit cumminsengines.com or contact your local Cummins distributor.

Industrial

ENGINE MODEL	RATING ⁽¹⁾		CONFIG.	DISPLACEMENT (L)	WEIGHT ⁽²⁾		EMISSIONS ^(3,4)	AFTERTREATMENT
	(BHP)	(KWM)			(LB)	(KG)		
QSB3.3	85-120	63-90	I-4	3.3	606	275	U.S. EPA Tier 4 Interim	SCR
QSB4.5	110-163	82-121	I-4	4.5	860	390	U.S. EPA Tier 4 Final	CCC/SCR
QSB6.7	146-300	109-224	I-6	6.7	1,144	519	U.S. EPA Tier 4 Final	CCC/SCR
QSL9	230-400	172-298	I-6	8.9	1,561	708	U.S. EPA Tier 4 Final	CCC/SCR
QSG12	320-500	239-373	I-6	11.9	2,798	1,269	U.S. EPA Tier 4 Final	DPF/SCR
QSX15	400-675	298-503	I-6	14.9	3,166	1,436	U.S. EPA Tier 4 Final	DPF/SCR
QSK19	506-800	377-597	I-6	19	4,535	2,057	U.S. EPA Tier 4 Final	SCR
QSK23	760-1050	567-783	I-6	23	6,001	2,722	U.S. EPA Tier 4 Final	SCR
QST30	850-1500	634-1119	V-12	30.5	7,337	3,328	U.S. EPA Tier 4 Final	SCR
QSK45	2000-2250	1491-1677	V-12	45	13,199	5,987	Non-certified	SCR
QSK50	2000-2500	1491-1864	V-16	50.3	12,566	5,700	U.S. EPA Tier 4 Final	SCR
QSK60	2500-3000	1864-2237	V-16	60	21,206	9,619	U.S. EPA Tier 4 Final	SCR

On-Highway

ENGINE MODEL	RATING ⁽¹⁾		CONFIG.	DISPLACEMENT (L)	WEIGHT ⁽²⁾		EMISSIONS ⁽³⁾	AFTERTREATMENT
	(BHP)	(LB-FT)			(LB)	(KG)		
ISL9	345-380	1150-1300	I-6	8.9	1,770	803	U.S. EPA 2010	EcoFit Ultra-Low Emission Systems
ISX12	350-450	1350-1650	I-6	11.9	2,798	1,269	U.S. EPA 2010	EcoFit Ultra-Low Emission Systems
ISX15	525-600	1850-2050	I-6	14.9	3,122	1,416	U.S. EPA 2010	EcoFit Ultra-Low Emission Systems

(1) Other ratings may be available. Some ratings may be restricted and require approval for use. Please contact your distributor.

(2) Wet weight with standard features. May vary based on selected configuration.

(3) Non-certified ratings are also available. Please contact your distributor.

(4) Engines >751 hp will comply with EPA Nonroad Tier 4 Interim requirements using Transitional Program for Equipment Manufacturers (TPEM). No European emissions regulations for engines >751 hp.



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Twitter.com/CumminsEngines
 YouTube.com/CumminsEngines

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EVERY TRACK QSL9

FOR RAIL APPLICATIONS

FEATURES AND BENEFITS

Full-Authority Electronic Controls: Provide seamless integration with other components to optimize engine operation.

High-Pressure Common-Rail Fuel System: Allows multiple injection events for cleaner, quieter operation with consistent performance at every rpm. Also improves cold-weather starting.

Stiffer Block and Head: For reduced noise and vibration. Fluid circuits are integrated, replacing hoses and eliminating potential leaks.

Cummins Wastegated Turbocharger: Delivers maximum power and torque.

Mid-Stop Cylinder Liners: Reduce cavitation and improve rebuildability.

Heavy-Duty Roller Followers: Cam roller followers give the QSL superior durability and cam life.

Two-Stage Dual Fuel Filtration: Provides a balanced level of particle separation to maximize fuel filter life and protect the vital fuel system components.

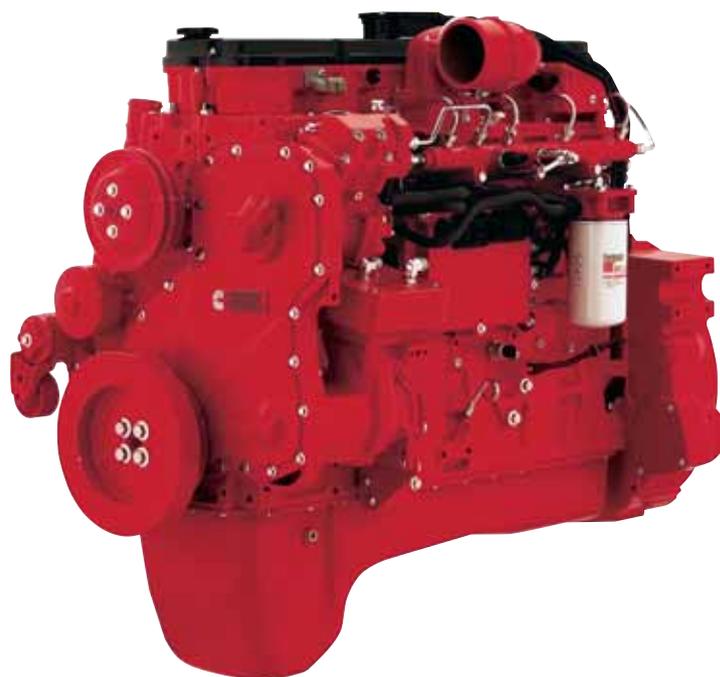
Improved Piston Design: Symmetrical piston bowl combines with centered injectors to deliver optimal combustion.

Heavy-Duty Lube System: Targeted piston cooling and increased lube flow to the power cylinder result in increased piston reliability and durability. Improved lube and bypass filtration system increase ring and bearing life by as much as 63%.

Improved Crankcase Ventilation: Virtually eliminates oil carryover.

Valve Cover and Gasket: Isolated design with perimeter bolting for better sealing and improved reliability.

Optional Rear Engine Power Take Off (REPTO): Provides additional capacity for driving remote-mounted devices.



Maintenance Intervals:

Engine Oil	up to 500 hours
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Ratings:

Application	Available Ratings bhp (kW)	Emissions US EPA MOH / EU
Locomotive/DMU	250-350 (187-272)	Tier 3 / Stage IIIA
Track Machinery	250-350 (187-272)	Tier 3 / Stage IIIA
Rail Auxiliary Power	182-275 kWe – 60Hz	Tier 3
Rail Auxiliary Power	200-300 kVA – 50Hz	Stage IIIA

Other ratings may be available. Please contact Cummins for more information.

The Tier 3/Stage IIIA QSL9 engine is one of the Quantum Series of rail engines from Cummins with innovative technology that delivers more for less.

The QSL9 has more power, more torque and higher durability – all while achieving lower fuel consumption, lower emissions and less servicing. Using the Cummins PowerMatch tool set, it is possible to custom-tailor the engine torque curves and calibration features to the specific operation of the equipment. This means higher productivity and fuel efficiency benefits for the rail operator.

The QSL9 has been designed with features which include:

- Tier 3/Stage IIIA emissions capability
- increased durability and reliability
- lower total life costs of ownership
- high power and torque

The QSL9 is designed to provide the operator superior value and reliability, while meeting stringent worldwide emissions standards.

Cummins PowerMatch benefits:

- tailors engine performance to specific rail applications and equipment models
- advanced electronics are used to enhance power curves and trim ratings taking into account the work environment, load factors, ambient temperatures and operating modes
- customizes torque curves for optimum performance

Specifications:

Engine type	In-line, 6-cylinder
Displacement	543 CU inches, 8.9 liters
Bore and stroke	4.49 x 5.69 inches, 114 x 144.5mm
Aspiration	Turbocharged / charge air cooled
Oil system capacity	24 U.S. QT, 22.7 liters

Dimensions*:

Length	44.4 inches	1,128mm
Width	27.7 inches	704mm
Height	45.9 inches	1,166mm
Wet weight	1,627 lb	738 kg

*dependent on customer specific options



Cummins powered Harsco tamping machine

WORLDWIDE SUPPORT. EVERYTIME.

Global Support Network – Backed by the strength of the Cummins global network of over 5,500 service locations in 160 countries.

Comprehensive Warranty Coverage – Cummins engines include comprehensive, worldwide warranty. Extended coverage options are available. See your distributor for more details.

Every Part. Online – Cummins QuickServe Online provides access to one of the most comprehensive and powerful parts and service tools in the industry.

Cummins Online Product Registration – Register your Cummins engine quickly and easily on www.everytime.cummins.com to ensure quality parts and service.

Distributor Expertise – The best source for service, parts, and application assistance. To find your nearest Cummins distributor, go to the Worldwide Service Locator at wsl.cummins.com. If you need further assistance, contact Cummins directly:

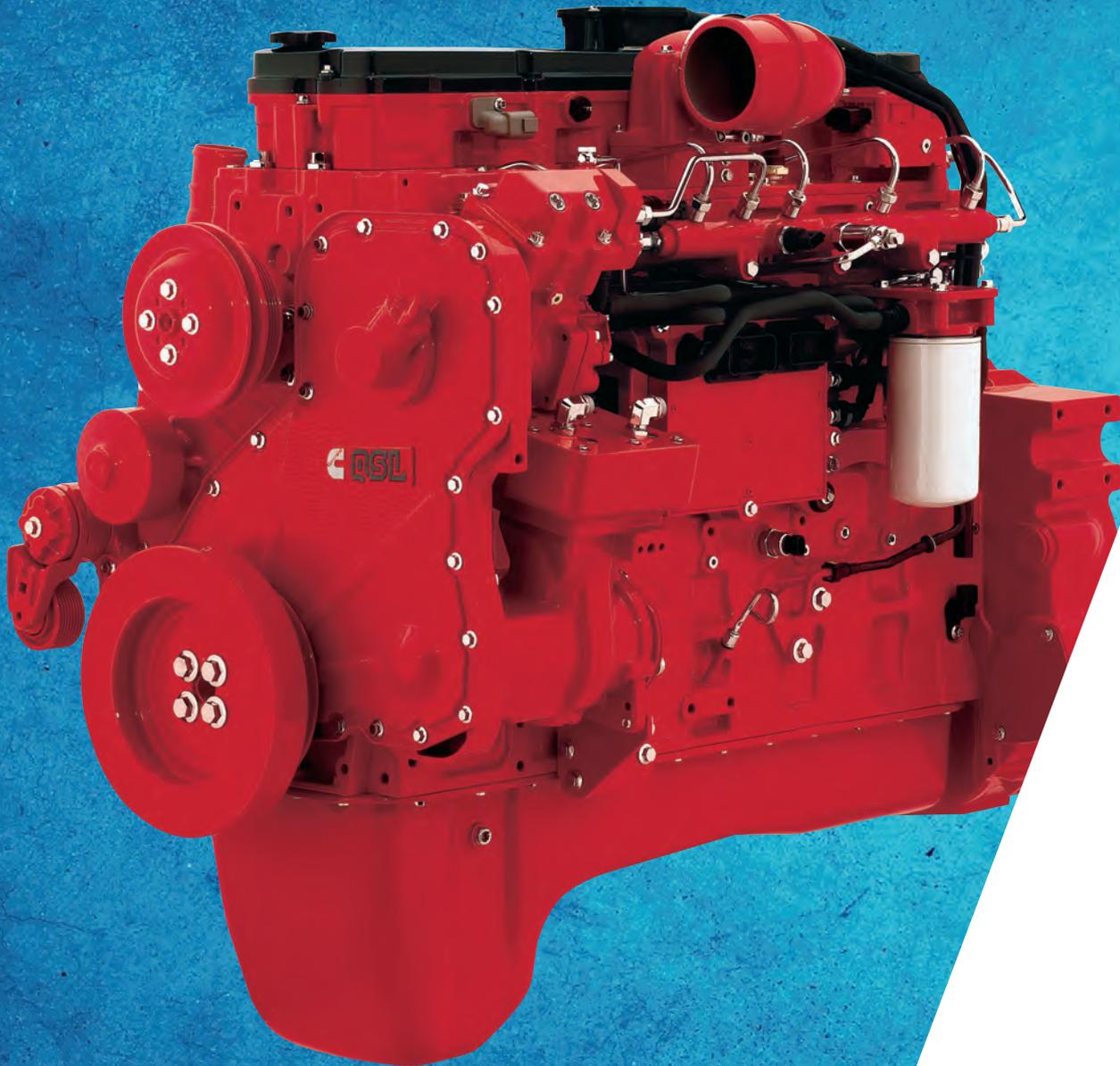


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everytime.cummins.com/customercenter

QUANTUM SERIES

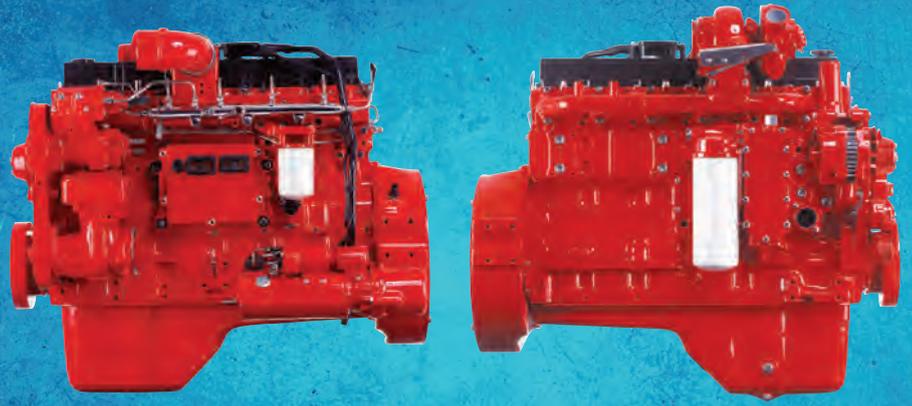
QSL9 TIER 3



**FOR
A WORLD
THAT'S
ALWAYS ON™**

DELIVERING MORE FOR LESS

The Tier 3/Stage IIIA QSL9 engine is one of the Quantum Series of engines from Cummins with innovative technology that delivers more for less.



The QSL9 from Cummins takes you to a whole new level of power and versatility, with in-cylinder technology that maintains a compact, simple and cost-effective solution. This engine delivers performance that meets the challenge of a wide range of tough industrial applications. With ratings up to 365 hp (272 kW) and a torque rise of up to 50%, the QSL9 engine delivers the power you need while minimising emissions. At the same time, it provides better cold starting and runs 50% quieter for increased operator comfort. The advanced engine design ensures maintenance is kept to an absolute minimum.

Designed to provide the operator superior value and reliability, while meeting stringent worldwide emissions standards.

- Meets Tier 3/Stage IIA emissions levels using in-cylinder combustion technology without the need for external components
- Compatible with high-sulfur fuels for worldwide use
- Uses proven major components for a long life to overhaul
- The simplicity of design delivers excellent reliability and ease of servicing
- Efficient fuel systems deliver low levels of fuel consumption

For equipment manufacturers, the QSL9 is designed to fit your machine. Cummins' Engineers will help define your specification for the best and most cost effective installation. The electronic calibration will then be tailored to the exact duty cycle and operation of the machine. This expertise drives the best solution for the OEM and the end user.

FEATURES AND BENEFITS

FULL-AUTHORITY ELECTRONIC CONTROLS

– Provide seamless integration with other components to optimize engine operation.

HIGH-PRESSURE COMMON-RAIL FUEL SYSTEM

– Allows multiple injection events for cleaner, quieter operation with consistent performance at every rpm. Also improves cold-weather starting.

STIFFER BLOCK AND HEAD –

For reduced noise and vibration. Fluid circuits are integrated, replacing hoses and eliminating potential leaks.

CUMMINS WASTEGATED TURBOCHARGER –

Delivers maximum power and torque.

MID-STOP CYLINDER LINERS –

Reduce cavitation and improve rebuildability.

HEAVY-DUTY ROLLER FOLLOWERS –

Cam roller followers give the QSL superior durability and cam life.

TWO-STAGE DUAL FUEL FILTRATION –

Provides a balanced level of particle separation to maximize fuel filter life and protect the vital fuel system components.

IMPROVED PISTON DESIGN –

Symmetrical piston bowl combines with centered injectors to deliver optimal combustion.

HEAVY-DUTY LUBE SYSTEM –

Targeted piston cooling and increased lube flow to the power cylinder result in increased piston reliability and durability. Improved lube and bypass filtration system increase ring and bearing life by as much as 63%.

IMPROVED CRANKCASE VENTILATION –

Virtually eliminates oil carryover.

VALVE COVER AND GASKET –

Isolated design with perimeter bolting for better sealing and improved reliability.

OPTIONAL REAR ENGINE POWER TAKE OFF (REPTO) –

Provides additional capacity for driving remote-mounted devices.

SPECIFICATIONS

Engine type	In-line, 6-cylinder
Displacement	543 CU inches, 8.9 liters
Bore and stroke	4.49 x 5.69 inches, 114 x 144.5mm
Aspiration	Turbocharged / charge air cooled
Oil system capacity	24 U.S. QT, 22.7 liters

DIMENSIONS*

Length	44.4 inches	1,128mm
Width	27.7 inches	704mm
Height	45.9 inches	1,166mm
Wet weight	1,627 lb	738 kg

*Dependent on customer specific options.

MAINTENANCE INTERVALS

Engine oil	Up to 500 hours
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RATINGS

Power kW / HP	Peak Torque – N•m / lb-ft @ rpm
365 / 272	1113 / 1509 @ 1500
350 / 261	1120 / 1519 @ 1500
340 / 254	1100 / 1491 @ 1400
330 / 246	1075 / 1458 @ 1400
325 / 242	1050 / 1424 @ 1400
305 / 227	1110 / 1505 @ 1400
300 / 224	1010 / 1369 @ 1500
280 / 209	1050 / 1424 @ 1500
250 / 186	800 / 1085 @ 1400

Additional ratings may be available; contact your distributor for more information.

ANY CUSTOMER, ANY QUESTION, ANY CHANNEL, **ANY TIME.**

Cummins Care is not a typical call center. We are a solutions center helping to prevent issues, provide answers quickly and reimburse accurately. We are your connection to a whole new level of customer service, to support and deliver faster personal attention with rapid results. From the moment you engage Cummins Care, you will have access to a Cummins expert with specialized skill sets, experience and in-depth knowledge to take care of your needs.

- CUSTOMER SERVICE**
- WARRANTY ASSISTANCE**
- TECHNICAL SUPPORT**
- CONNECTED SERVICE**

We are experts with advanced technology to make your life easier while providing a seamless support experience.

Contact us at care.cummins.com or:

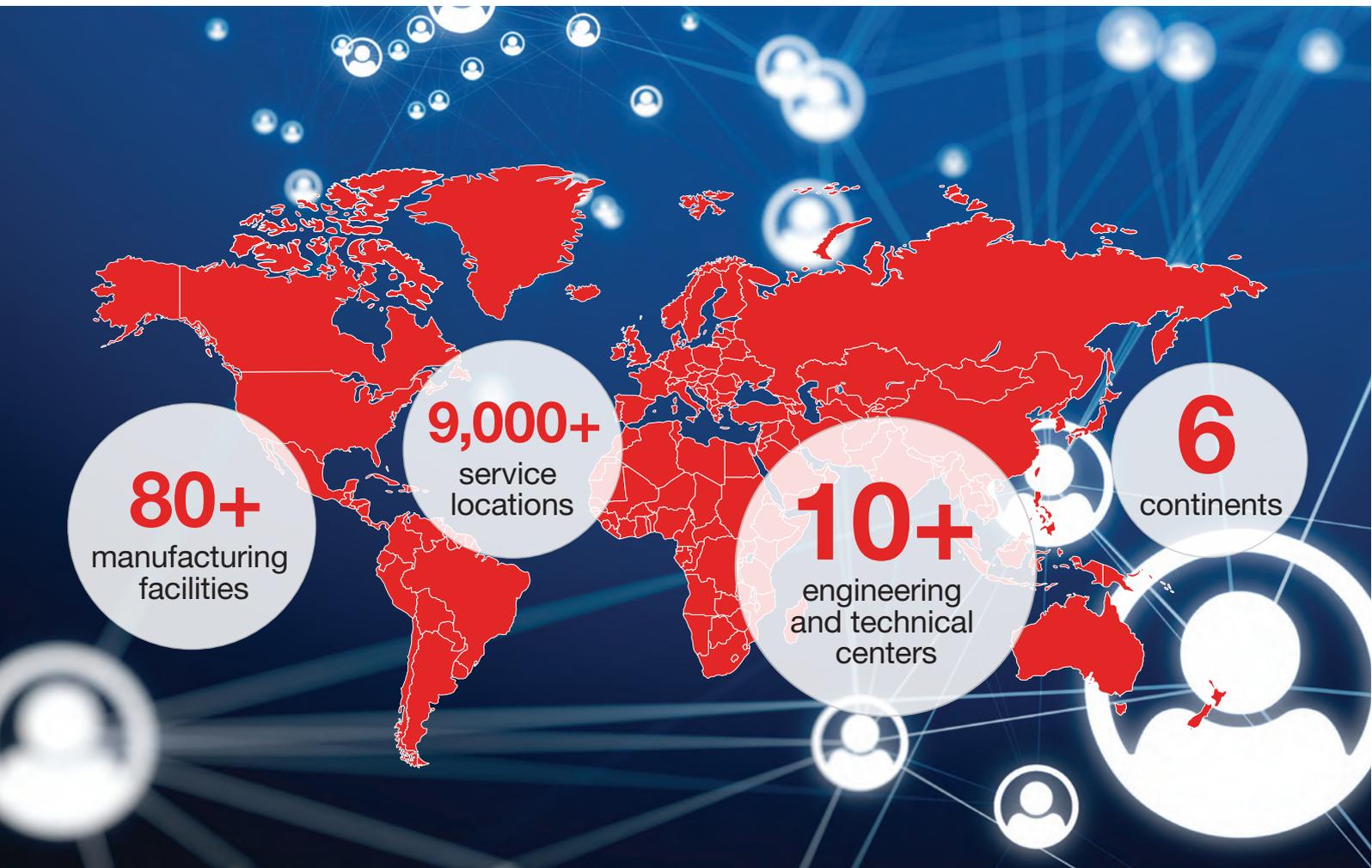
Europe – 00 8000 286 6467

North America – 1-800-CUMMINS (1-800-286-6467)



GLOBAL SUPPORT NETWORK

CUMMINS' GLOBAL FOOTPRINT OF ENGINEERING, MANUFACTURING, AND SERVICE LOCATIONS MEANS WE ARE WHERE OUR CUSTOMERS NEED US TO BE.



TO FIND OUT MORE, CONTACT YOUR LOCAL DEALER OR DISTRIBUTOR VIA [CUMMINS.COM/LOCATOR](https://www.cummins.com/locator)



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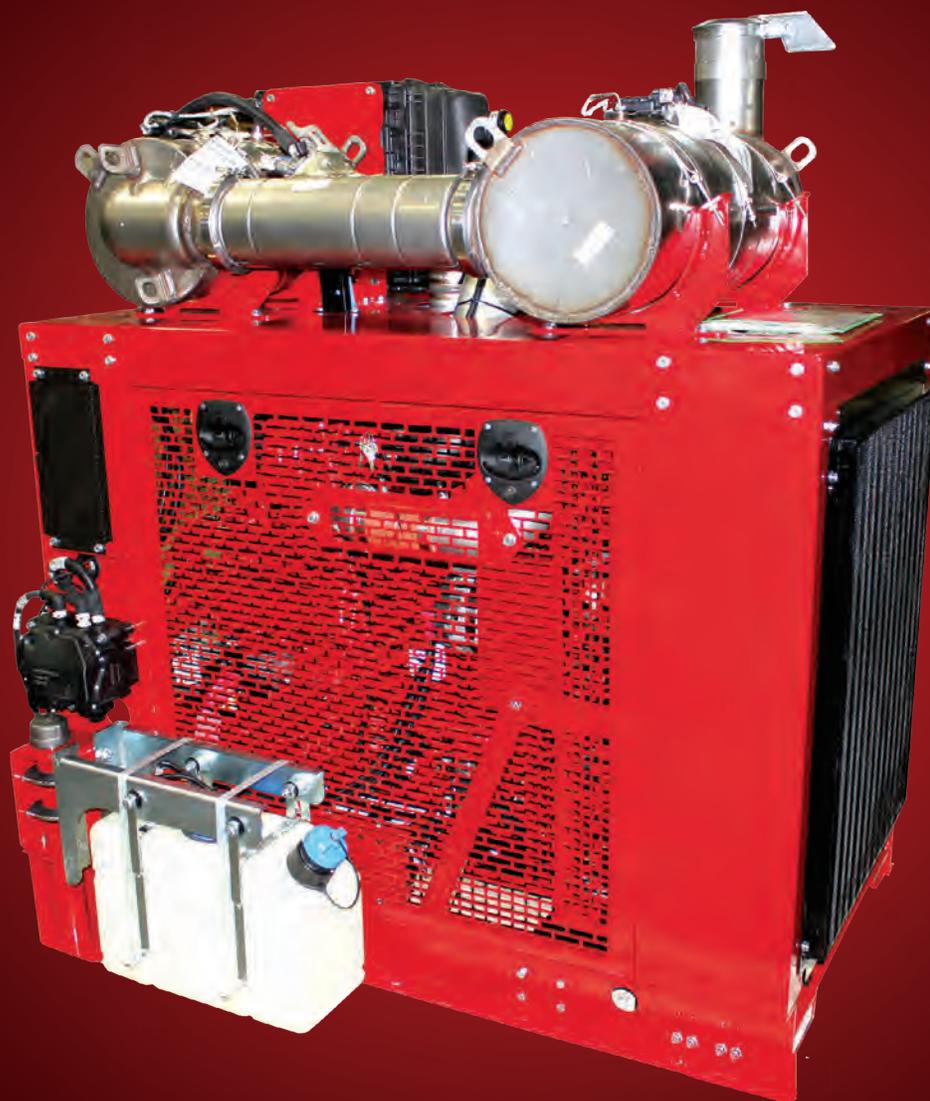
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Bulletin 6306592 Produced in U.K. 10/21
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Every™ Power.

Cummins Power Products.





In today's business world, you need a total package – one that delivers value of ownership, the most advanced technology and second-to-none support. Cummins Power Products offers a total solution for your power-unit needs, with a full range of diesel and compressed gas products from 60 hp to 1500 hp (45-1119 kW) and options designed to meet your specific needs.

Power By Design.

What is a power unit? Essentially, a power unit is “torque in a box,” specifically engineered to provide a solution for a mechanical power need. Every product we make is powered exclusively by a Cummins engine, the most rugged, reliable and advanced technology available. Customized to the unique specifications necessary to meet your power demands, Cummins Power Products designs the right product, with the right fit, to do the job right, backed by our global parts and service network.

Ready For Tier 4 Final.

Our Tier 4 Final technology solution for power units builds on the proven durability of our Tier 3 and Tier 4 Interim power units. Cummins has a unique advantage in that we design and develop all of the critical engine subsystems and aftertreatment components. Cummins Power Products then upfits the base engine and validates the entire power unit design to offer a completely integrated power package. The total system is optimized to minimize installation impact and achieve the lowest cost of operation.

Every Application.

There is added value in working with Cummins Power Products. We eliminate the need to search for the right components. We have done that for you, and the result is a package designed specifically for your job. We offer turnkey solutions in both open and enclosed platforms from a standard line of base-engine models or a customized unit specifically engineered for a unique piece of equipment in virtually any application. We have the people, processes and products to make it happen. Cummins Power Products employs a qualified engineering staff with decades of experience in Pro/ENGINEER design. Our power units are built for everything from brush chippers and rock crushers to dewatering pumps and rail maintenance units. And if your need for power is larger than that, we also work on mud pumps, frac rigs and other heavy-duty applications.



Durable and reliable power for oil field equipment.



Locomotive and rail maintenance track packs keep business moving.

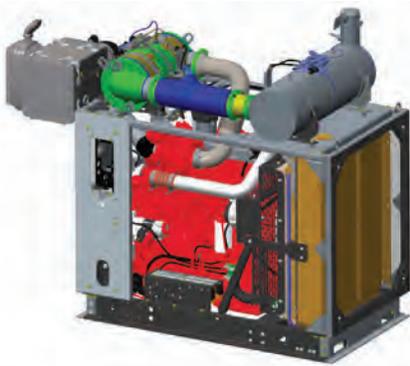
The Cummins Power Products Difference.

Quality. Experience. Support. All customized for you. We don't take these things lightly. Our quality standards are unmatched in the power unit industry. Through our state-of-the-art production processes and a battery of product tests, each power unit provides unparalleled quality and dependability. Since 1997, we have produced over 30,000 power units designed to unique standards. And each one has the backing of Cummins worldwide parts and service network to support you.

1,500 By Design. One For You.

With over 1,500 options available, a design may already exist to fit your exact need. We have already done the work to meet Tier 4 emissions requirements, with a number of models available. If no existing models meet your need, Cummins Power Products utilizes virtual prototyping to ensure a correct design and fit for your specific application. Our prototyping is very competitive, and allows close accuracy to the actual part production pricing. Some of the customizable options available include:

- Electronic or mechanical controls
- Cooling packages
- Mounting options
- Intake and exhaust locations
- Instrument panel locations



QSB6.7 Tier 4 Final Standard Package



Every Strength.

There is power in our power units. Cummins Power Products power units last longer because they are built better. Our enclosure housings use 12-gauge steel. All metals are powder-coated, which increases chip resistance and allows our units to pass 1,000-hour salt spray tests. Components are bolted, not welded, so they resist mounting distortion and are easier to service. Each engine design is fully tested by Cummins Power Products to meet or exceed Cummins application guidelines. In addition, the electrical systems on each of our power units are tested before they leave our factory. Our power units are built and tested to handle the most extreme conditions.



Cummins Power Products' advanced engineering design process utilizes 3D prototyping in a virtual environment to customize each power unit to the exact needs of the customer and application.

Our Confidence. Total Coverage.

The warranty for Cummins Power Products power units mirrors the Cummins Industrial warranty. The first year is completely covered regardless of the number of hours run. Coverage continues through the second year or until 2,000 hours of operation have been reached (whichever occurs first).

World-Class Service. Every Time.

Cummins Power Products is a global provider of power units. Our value with customers overseas is realized in the dependability and durability of our products. We've shipped units to customers all over the world. Each power unit is backed by Cummins worldwide parts and service network. With over 6,600 authorized service locations around the world, your power unit will have support wherever you need it. Qualified technicians and Genuine Cummins Parts are never far away, even in the most remote location.



Every Advantage.

Cummins QuickServe® offers you factory-trained technicians, the most sophisticated diagnostic and repair tools in the industry and the largest international parts and service network of any engine manufacturer. Our worldwide team of mobile service technicians is always ready to deliver service when and where you need it. Every minute. Every day. Every year. Plus, Cummins distributors have access to an entire library of parts and service information for Cummins engines on the Internet. QuickServe Online provides engine part numbers, diagrams, service bulletins and alerts, up-to-date supersessions and more – 24 hours a day, for nearly 11 million Cummins engines. The Cummins Power Products web site is linked through QuickServe Online for rapid serial number identification.



Every Contact.

Cummins Power Products offer the best long-term value for your equipment needs and cost of ownership, whether your power unit is one of our standard configurations or designed specifically for your application and equipment. To learn more about Cummins Power Units, and to realize the power of our design, contact your local Cummins distributor location. Find out how we can design the exact power to work for you.

Cummins Power Products.

Engine Ratings Gross Horsepower (w/o Fan)

ENGINE MODEL	EMISSIONS TIER	HORSEPOWER RANGE (BHP)	HORSEPOWER RANGE (kW)	DISPLACEMENT (CU IN)	LENGTH (IN)	OPEN			ENCLOSED				
						WIDTH (IN)	HEIGHT (IN)	WEIGHT (LB)	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LB)	CENTERLINE HEIGHT (IN)
Diesel Products													
QSF2.8 CAC	4F	49-74	37-55	171	50.15	38.00	50.60	1187	46.28	37.53	50.60	NA	12.5
QSF2.8 Non-CAC	4F	49-65	37-48	171	50.15	38.00	50.60	1187	46.28	38.53	50.60	NA	12.5
B3.3NA-P	4i	60-65	45-48	199	40.20	33.68	47.20	842	47.88	30.00	53.28	884	12.50
B3.3T-P	4i	74	55	199	40.20	33.68	47.60	842	36.98	30.00	53.28	884	12.50
B3.3TAA-P	3	75-85	56-63	199	53.24	39.49	58.56	1017	41.75	33.68	58.56	1121	12.50
QSB3.3-P	4i	85-120	63-89	199	NA	NA	NA	NA	43.82	29.46	53.05	NA	12.50
QSB3.3-P	3	80-110	60-82	199	53.24	39.49	58.56	1017	41.75	33.68	58.56	1121	12.50
QSF3.8	4F	74-130	55-97	232	65.60	52.00	50.50	1740	64.67	49.50	60.00	NA	13.13
B4.5-P	2	80	60	275	47.40	29.25	69.40	1208	47.44	31.54	58.13	1332	13.06
B4.5T-P	2	92-99	68-74	275	52.30	29.25	65.40	1208	43.00	31.55	60.34	1332	13.06
QSB4.5	4F	121-173	90-129	275	56.52	32.93	67.06	1860	56.52	32.93	67.06	1950	13
QSB4.5-P	4i	110-163	82-122	272	59.40	38.50	56.40	1431	53.80	35.00	56.40	1574	13.14
QSB4.5-P	3	110-170	82-127	272	57.45	31.88	65.40	1270	48.00	31.88	61.82	1461	13.14
QSB6.7	4F	173-300	129-223	408	81.00	45.27	69.06	2590	81.09	45.27	69.06	2750	14
QSB6.7-P	4i	146-173	109-129	409	65.31	40.82	57.13	1915	58.00	36.30	66.50	2165	14.10
QSB6.7-P	4i	190-300	142-223	409	65.31	40.82	57.13	1915	58.00	36.30	66.50	2165	14.10
QSB6.7-P	3	190-275	142-205	409	68.48	33.91	81.80	1800	58.00	33.91	69.91	2050	14.10
QSC8.3-P	3	305	172-227	506	77.25	41.32	82.26	2380	64.75	41.32	81.03	2755	16.50
QSL9	4F	250-380	186-283	543	86.11	53.57	76.41	3150	86.11	53.57	76.41	3573	16.5
QSL9-P	4i	230-380	172-283	543	74.20	41.30	61.70	NA	64.80	41.30	72.40	2794	16.50
QSL9-P	3	300-365	224-272	543	77.25	41.32	82.26	2380	64.75	41.32	81.03	2755	16.50
QSM11-P	3	300-400	224-298	660	77.38	46.88	70.07	3394	74.49	43.10	82.22	3718	20.00
QSX11.9	4i	350-500	261-373	726	85.90	48.00	78.50	4121	NA	NA	NA	NA	20.00
QSX15	4F	472-675	352-503	915	98.50	71.83	84.60	6250	98.50	71.83	84.60	6656	20
QSX15-P	4i	400-600	298-447	912	87.80	57.50	85.50	5034	NA	NA	NA	NA	20.00
QSX15-P	3	375-630	280-470	915	106.25	62.75	84.05	5140	106.25	62.75	94.29	5750	20.00
QSK19-P	3	560-700	418-522	1159	115.13	61.88	78.78	6570	NA	NA	NA	NA	16.02
QSK19-P	2	525-700	391-522	1150	116.13	62.81	78.64	7100	NA	NA	NA	NA	15.88
QSK19-P	2	755-800	563-597	1150	116.13	62.81	78.64	7200	NA	NA	NA	NA	16.00
QSK19-P	1	755-800	563-597	1150	114.25	62.00	78.52	6530	NA	NA	NA	NA	16.02
QSK23-P	2	760-950	567-708	1412	NA	NA	NA	NA	NA	NA	NA	NA	23.00
QST30-P	1	760-1200	567-895	1861	156.00	59.71	92.27	11400	NA	NA	NA	NA	27.00
QST30-P	1	1350-1500	1007-1119	1861	131.34	95.00	110.66	16120	NA	NA	NA	NA	27.00
QST30-P	2	760-1200	567-895	1861	142.00	82.00	96.71	11400	NA	NA	NA	NA	27.00
QST30-P	2	1350-1500	1007-1119	1861	NA	NA	NA	NA	NA	NA	NA	NA	27.00
QSK38-P	2	920	686	2300	146.66	86.13	103.06	NA	NA	NA	NA	NA	30.00
Natural Gas Products													
G5.9	NA	41-99	31-74	359	65.74	33.91	64.72	1530	64.52	33.91	70.41	1641	17.65
G5.9e	NA	70-99	52-74	359	NA	NA	NA	NA	68.02	33.91	69.51	1899	17.65
G8.3	NA	99-135	74-101	505	67.38	41.32	73.80	1860	60.69	41.32	71.75	2525	17.75
G8.3e	NA	99-118	74-88	505	NA	NA	NA	NA	72.81	41.32	69.26	2444	17.75
GTA8.3 SLB	NA	175	131	505	78.50	48.88	71.50	NA	77.25	43.90	75.50	NA	17.75
G855	NA	157-188	117-140	855	92.50	42.76	66.38	3900	NA	NA	NA	NA	22.38
G855e	NA	157-188	117-140	855	83.17	42.70	77.59	3944	NA	NA	NA	NA	22.38
GTA855	NA	213-286	159-213	855	100.00	59.76	74.25	4596	NA	NA	NA	NA	22.38
GTA855e	NA	225	168	855	93.00	62.25	84.75	NA	NA	NA	NA	NA	22.38
KTA19GC	NA	265-420	198-313	1125	112.57	60.00	74.87	6495	NA	NA	NA	NA	21.13
KTA19GC SLB	NA	380-420	283-313	1125	104.96	62.25	80.50	6495	NA	NA	NA	NA	21.13
KTA38GC SLB	NA	635-850	474-634	2300	153.78	85.25	100.75	16500	NA	NA	NA	NA	29.89
KTA38GC-E	NA	635-760	474-567	2300	NA	NA	NA	NA	234.60	85.50	152.30	26,114	29.89

- Dimensions and weights will vary slightly depending on the exact engine configuration.
- All ratings are restricted unless otherwise noted. Some ratings are intermittent.
- Height dimensions are measured from bottom of rail to highest point on unit, usually the muffler.
- Natural gas power unit centerline height indicated with high-capacity oil pans.
- 4i Refers to Tier 4 Interim EPA 2011 emissions standards.
- T4F refers to Tier 4 Final EPA 2014 emissions standards.
- * Anticipated 2014 releases planned.



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