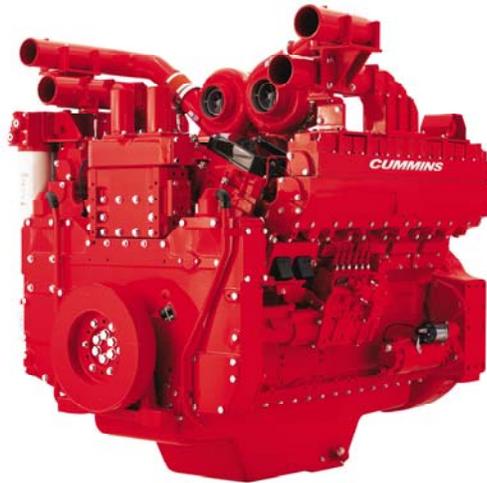


QST30

Well Servicing Applications



In demanding oil and gas applications, dependability is everything. That's where the superior uptime and productivity of the QST30 makes the difference. Dependability makes the QST30 the right engine choice. Every time. Its V-12 configuration offers up to 1500 hp (1117 kW) to easily handle high load factors.

A sophisticated electronic control system and extended maintenance features help keep fuel economy up and operating costs down. So whether you are spec'ing new equipment or repowering an existing unit, the QST30 is the best way to improve performance, productivity and profits.

General Specifications

V-12, 4-Cycle, Diesel Engine

<u>Bore</u>	<u>5.51 in (140 mm)</u>
<u>Stroke</u>	<u>6.50 in (165 mm)</u>
<u>Displacement</u>	<u>30.5 L (1861 cubic in)</u>
<u>Engine Power*</u>	<u>850-1500 hp (634-1119 kW)</u>
<u>Aspiration</u>	<u>Turbocharged and Aftercooled</u>
<u>Wet Weight**</u>	<u>7337 lb (3328 kg)</u>
<u>Coolant Capacity</u>	<u>22.2 gal (84 L)</u>
<u>Lube Oil Capacity</u>	<u>34.9 gal (132 L)</u>
<u>Rotation</u>	<u>Clockwise (viewed from the front of the engine)</u>

* Rating dependent

** Weight is approximate and varies with options.

Performance

The QST30 delivers more power and more torque in a smaller package than competitive diesels. Known for its flexible calibrations, excellent power density, economical operation and exceptional uptime, the QST30 sets the standard for rugged dependable power.

The QST30 is an excellent choice to replace a number of engines – including some of our own. It has significantly more power, as much as 50% longer life-to-rebuild and better fuel economy than the Cummins V28, even though it is virtually the same size. Repowers are available with air-to-air cooling (for equipment which has to meet emissions standards) or jacket-water aftercooling (for non-emissionized equipment).

If you have an older competitive engine, you'll find that replacing it with the QST30 gives you up to 25% more power and torque, better fuel economy and longer service intervals, for increased productivity with lower costs. Every Well.

Warranty – The best warranty in the business, which includes full coverage for unlimited hours during the first year, extending through two years or 2,000 cumulative hours (whichever comes first). The base warranty also includes 3-year/10,000-hour standard protection on major components. Extended warranties are available as well.

*The QST30 meets Tier 2 standards in the U.S. now, which go into effect in 2006 for engines over 750 hp (560 kW).

Rating Details.

Model	Advertised Power BHP (kW)	Peak Torque lb-ft (Nm)	Turbo Arrangement
QST30-1500	1500 (1119) @ 1900	4389 (5951) @ 1400	1-STAGE
QST30-1350	1350 (1007) @ 1900	4389 (5951) @ 1400	1-STAGE

Standard Equipment.

Base Engine Components

- Ductile Iron Pistons – Provide increased strength and durability to handle increased cylinder pressures for longer life-to-overhaul while allowing higher ratings over larger displacement engines with aluminum pistons
- Swirl-Port Cylinder Head – Provides advanced airflow to reduce emissions and increase low-end torque
- Advanced Valve Metallurgy – Exhaust valves are stellitefaced for longer life
- Intake valves have a nitride coating, with trialloy valve seats and chrome stems for reduced wear

Electronic Engine Management

- Full-Authority Electronic Controls – QUANTUM System electronic engine management provides engine control and monitoring for superior performance, fuel efficiency, diagnostics and prognostics
- Programmable parameters let you customize engine performance to equipment use

Advanced Engine Monitoring

- Advanced Engine Monitoring (AEM) provides real-time monitoring of engine performance, cylinder by cylinder-facilitating trend analysis and proactive maintenance during scheduled downtime

Fuel System

- Bosch RP39 Fuel Pump – Highly reliable, highly durable
- Provides the higher injection pressures needed for higher horsepower with lower emissions
- Electric Fuel Lift Pumps – Eliminate the need for manual priming of the fuel system and provide for quicker, more reliable starts
- Two-stage filtration system for maximum protection
- Stage one filter is available as remote mount or engine mount option

Turbocharging

- Holset HX82 Turbocharger – Designed for improved air handling with an extended life-to-rebuild

Cooling System

- Two-Pump, Two-Loop Low Temperature Aftercooling (LTA) system to deliver intake manifold temperatures required for Tier 2 emission levels

Cummins Prelub System

- Prevents starts without oil pressure and dry starts, resulting in increased life-to-overhaul

Worldwide Service Network

- An established worldwide network with over 500 distributor facilities in nearly 190 countries, dedicated and empowered with the latest technical support tools and training to service your needs

Optional Equipment.

INSITE™

- Proprietary software with step-by-step engine diagnostics, drawings and diagrams to improve troubleshooting and repair accuracy

CENTINEL

- Advanced Engine Oil Management System that allows customers to extend oil change intervals up to 4000 hours
- Fully integrated design modulates burn rate based on load factor
- Available with reserve tanks for continuous replenishment

Fleetguard® ES Filtration

- Can keep your equipment on the job up to 1,000 hours between filter changes if equipped with CENTINEL™ (depending on load factors)
- Full-flow and bypass design simplifies service and reduces replacement costs

Cummins QuickCheck III

- QuickCheck III software, together with your handheld device, reads and captures engine data quickly and conveniently from any Cummins electronic diesel engine or other engines you run (via J2587 and J1939)
- Even logs fault codes, which can be used with Cummins INSITE to get detailed repair instructions for faster service

QuickServe™ Online

- QuickServe Online (quickserve.cummins.com) gives you easy access to parts and service information for all Cummins engines
- You can find the information you need in seconds with our high-speed search function and your engine's serial number

Engine Technical Data.

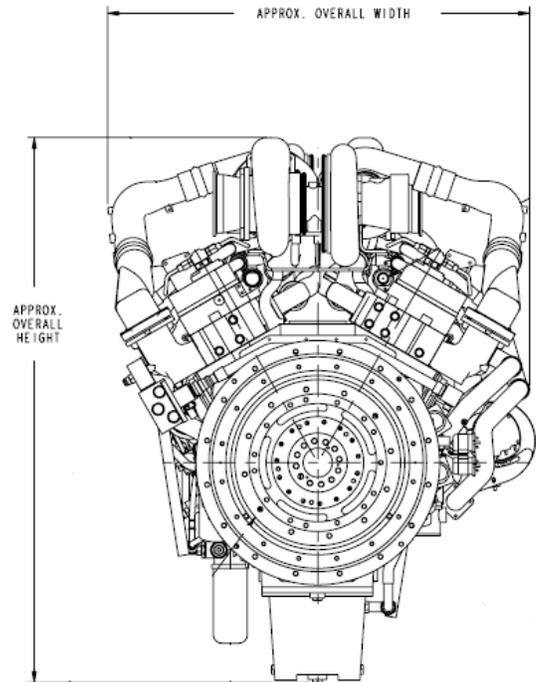
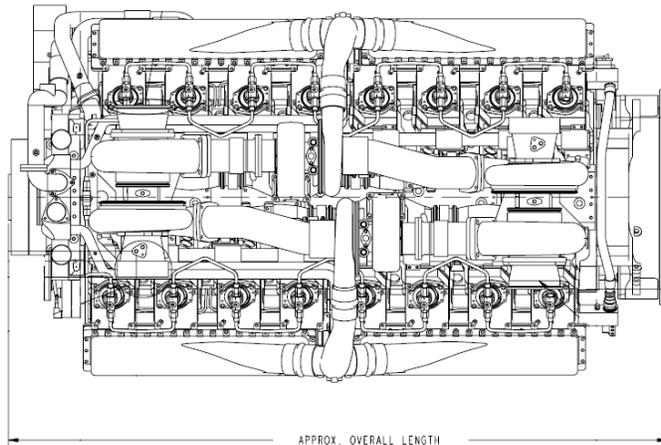
Model: QST30 - 1500
Output Power: 1500 bhp

Engine Speed		Torque Output		Power Output		BSFC	
RPM	lb-ft	N-m	hp	kW	lb/hp-hr	g/kW-hr	
1400	4,877	6,612	1,300	969	0.324	197	
1600	4,596	6,231	1,400	1,044	0.324	197	
1800	4,377	5,934	1,500	1,119	0.335	204	
1900	4,146	5,621	1,500	1,119	0.342	208	
2000	3,786	5,133	1,442	1,075	0.350	213	

Model: QST30 - 1350
Output Power: 1350 bhp

Engine Speed		Torque Output		Power Output		BSFC	
RPM	lb-ft	N-m	hp	kW	lb/hp-hr	g/kW-hr	
1400	4,389	5,951	1,170	872	0.326	198	
1600	4,136	5,608	1,260	940	0.319	194	
1800	3,939	5,341	1,350	1,007	0.325	198	
1900	3,732	5,060	1,350	1007	0.333	203	
2000	3,380	4,583	1,287	960	0.337	205	

General Dimensions.



	English Units	SI
Length	75.2 in	1,910 mm
Width	55.9 in	1,419 mm
Height	65.0 in	1,652 mm
Weight (Wet)	7,337 lbm	3,328 kg

Definitions and Conditions.

Drawings are just for illustration purpose, do not represent actual engine. Data shown above represent gross engine performance capabilities obtained and corrected in accordance with SAE J1995 conditions of 29.61 in Hg (100 kPa) barometric pressure [300ft (91m) altitude] 77 deg F (25 deg C) inlet air temperature, and 0.30 in Hg (1kPa) water vapor pressure with No. 2 diesel fuel. Not included are alternator, fan, optional equipment and driven components. Electronic derate based on altitude applies.

All data is subject to change without notice. Consult your authorized Cummins Distributor for details.

Load Rating

Maximum Rating. May be used for intermittent load applications (full throttle operation is cyclically interrupted) where the average load factor does not exceed the continuous rating, and where full throttle operation does not exceed 60 minutes without interruption.

International Rating Guidelines

These ratings represent gross engine performance capabilities obtained and corrected in accordance with SAE J1995 and the conditions as stated above. The ratings are in conformance with the requirements specified in ISO 3046, BS 5514 and DIN 6271. The Maximum Rating conforms to ISO 3046 overload power and fuel stop power. Reference standards: BS 5514 and DIN 6271 standards are based on ISO 3046.



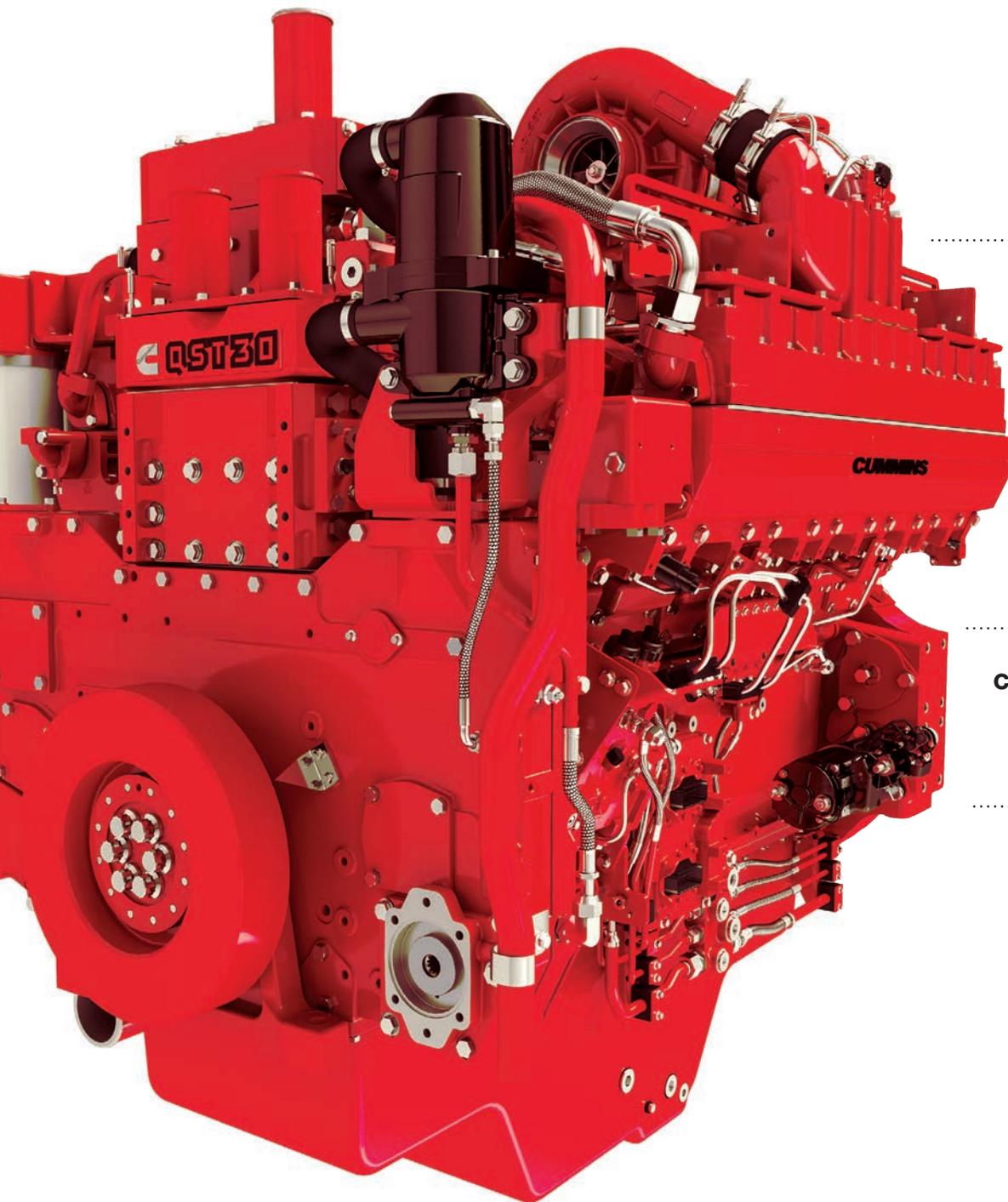
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QST30

FOR LOCOMOTIVES AND RAILWAY APPLICATIONS



Compact V12 design

Clean-burn
combustion

PrevenTech®
Connected for remote
monitoring, reporting
and diagnostics

Cummins Selective
Catalytic Reduction (SCR)
aftertreatment for
stringent emissions

Fully integrated
electronic controls



HIGH-PRESSURE PERFORMANCE. **QST30.**

Cummins QST30 has a proven legacy of performance in everything from switcher locomotives and track machinery to use as auxiliary power. This design has proven readily adaptable to the most stringent emissions standards, through the use of an extremely precise, high-pressure Modular Common Rail Fuel System (MCRS) and the addition of Selective Catalytic Reduction (SCR) aftertreatment.

The QST30 with MCRS has better fuel efficiency and lower operating costs than its predecessor. Clean-burn combustion technology, together with urea-based SCR, allows the QST30 to meet rigorous emissions standards with minimal changes to the proven base engine architecture. Additionally, there is no increase in total heat rejection, so the QST30 does not need a larger cooling package.

The QST30 gives you the same power output as many 16-cylinder engines in a compact, lighter-weight V12 configuration. It also incorporates proprietary filtration technologies that include NanoNet® media, allowing you to double many service intervals for a lower total cost of operation. If you want to really minimize engine oil changes, the Cummins CENTINEL™ continuous oil-replenishment system allows you to go up to 4,500 hours between oil drains.

QST30 SPECIFICATIONS

Displacement	1,861 cu in	30.5 liters
Bore and Stroke	5.5 in x 6.5 in	140 mm x 165 mm
Engine Configuration	50° V12	
Weight (Wet)	7,837 lb	3,555 kg
Length	74.3 in	1,887 mm
Width	58.4 in	1,483 mm
Height	68.8 in	1,748 mm

Emissions Level	Fuel System	Ratings (hp)	Aftertreatment
US EPA Tier 4 Switcher	MCRS	1050–1500	2 X 6000 Series
EU Stage V Locomotive			
EU Stage V Nonroad	MCRS	950–1500	2 X 4000 Series
US EPA Tier 4 Final Nonroad			
US EPA Tier 3 Switcher	MCRS	1200–1500	2 X 4000 Series
Non-certified, SIIIA	HPI	860–1500	—

PLATFORM VERSATILITY

Depending on the application, emissions, and operation needs, the QST30 is available in several configurations including options in fuel systems and after cooling.

FUEL SYSTEMS

HPI Fuel Systems—High injection pressures results in increased response and improved fuel economy and transient response. HPI fuel systems are able to tolerate higher variability in fuel quality.

MCRS Fuel System—MCRS has proven reliability and durability in the toughest applications around the world. Precision multi-injection fueling control at ultra-high pressure, regardless of engine speed and load, is the foundation for clean-burn combustion, lowest noise and unmatched performance.

AFTER COOLING

2 Pump 2 Loop—Is required to meet stringent emissions and enables optimized radiator designs for engine and intake air cooling.

Charge Air Cooled—For reduced emissions, improved fuel economy, and increased power density.

Jacket Water—Single radiator for integration simplicity in unregulated emissions applications.

WASTEGATE TURBO – For the most stringent emissions, a single-stage turbocharger coupled with an exhaust wastegate controls the air-to-fuel ratio to ensure that low Particulate Matter (PM) levels are maintained under all operating conditions.

PRELUB® SYSTEM – Prevents starts without oil pressure, which eliminates dry starts, improving engine life.

EXTENDED SERVICE INTERVALS – Patented Fleetguard® NanoNet media in the fuel filter allows an increase in fuel filter change intervals to 1500 hours, generally meeting 184 day intervals in switcher locomotive applications. This advanced media also provides 5x better protection against dirt in fuel.



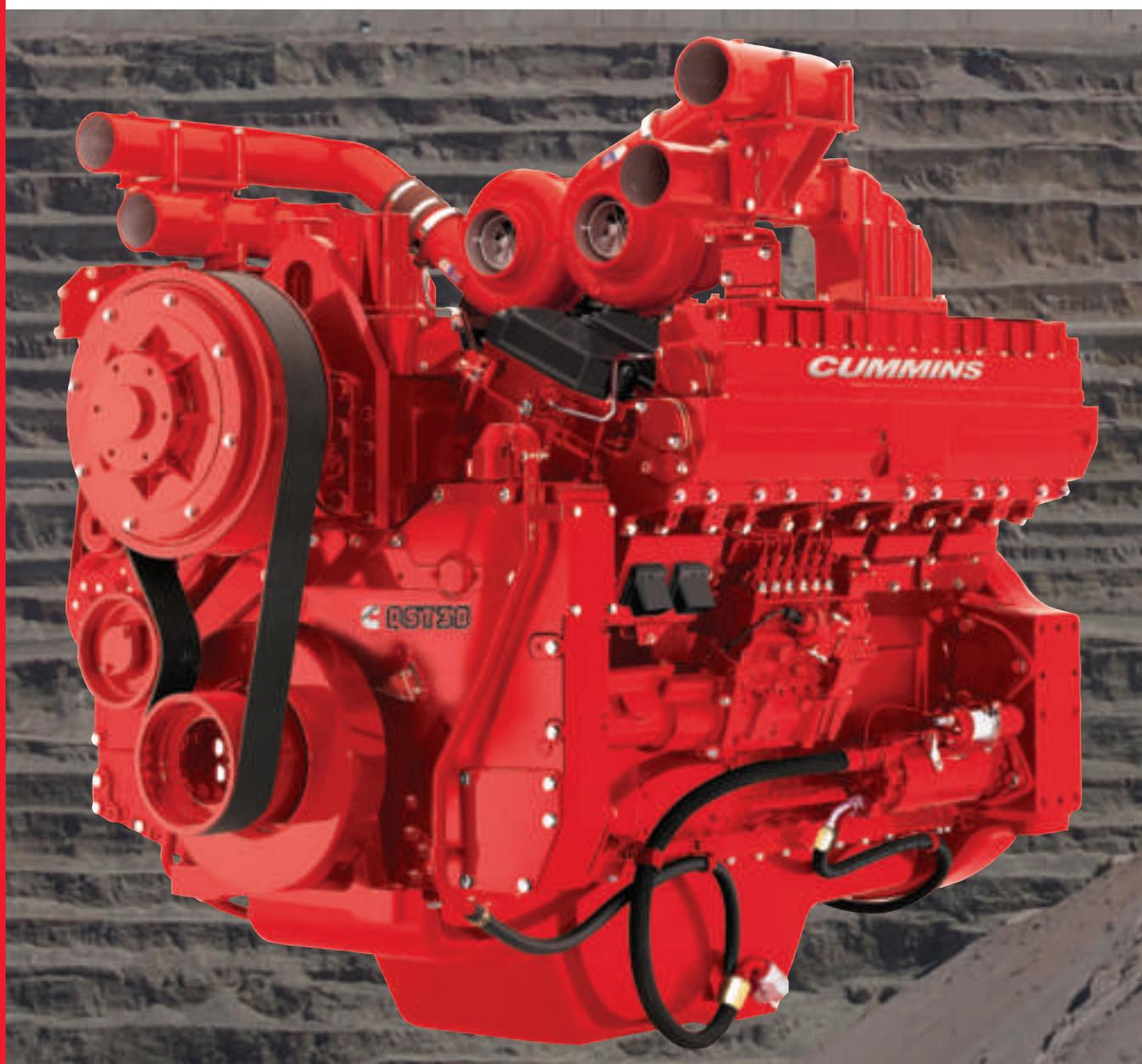
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Ready For More. Every™ Ton.

QST30 Engines For Mining Applications.



QST30.

More Innovation.

The key to mining profitability is equipment availability. The QST30 combines proven reliability and durability with innovative technology to deliver excellent fuel economy with the lowest cost-per-hour of operation in its class. Sophisticated electronic controls and flexible calibrations make it possible to match your engine's performance to the equipment, work environment and job demands in each piece of mining equipment. The durability of the base engine is well proven, with thousands of QST30 engines in haul trucks, blast hole drills and wheel loaders delivering superior uptime worldwide.

With ratings ranging from 850 hp to 1200 hp (634-895 kW), the QST30 is an excellent choice for every mining application – whether installed in new equipment or upgrading an engine in an existing machine.

More Robust Features.

- Quantum System electronic controls manage the high-pressure pump and unit injectors for precise control of injection pressure and timing
- Single-piece ferrous-cast ductile iron pistons provide strength and durability to handle high cylinder pressures for longer engine life
- Swirl-port cylinder heads optimize durability and combustion sealing. Advanced airflow improves fuel economy, low-end torque performance and emissions capability

More Payload.

The QST30 improvements include an upgraded turbocharger and intake system, as well as a modified fuel-spray pattern and a recontoured piston bowl. These changes provide better combustion with fewer emissions while maintaining the structural integrity, reliability and durability that have won the QST30 its hard-earned reputation for low cost-of-operation and exceptional life-cycle value.



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YouTube.com/CumminsEngines

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Ratings

ENGINE MODEL*	ADVERTISED HP (KW) @ RPM	PEAK TORQUE LB-FT (N•M) @ RPM
QST30 1200	1200 (895) @ 2100	3750 (5084) @ 1400
QST30 1130	1130 (842) @ 2100	2500 (3390) @ 1400
QST30 1050	1050 (783) @ 2100	3415 (4630) @ 1300
QST30 1050	1050 (783) @ 1800	3414 (4629) @ 1300
QST30 1000	1000 (746) @ 1800	3415 (4630) @ 1300
QST30 950	950 (709) @ 2100	3090 (4190) @ 1300
QST30 850	850 (634) @ 1800	2807 (3806) @ 1400

*Cummins customers can use Tier 2 engines in North America through 2017 by utilizing U.S. EPA's Transitional Program for Equipment Manufacturers. All QST30 ratings are available for use in nonregulated regions where engines are not subject to certification.

Specifications

Engine Type	50° Vee 4-Cycle 12-Cylinder	
Aspiration	Turbocharged and Charge Air Cooled	
Displacement	1,861 CU IN	30.5 LITERS
Bore and Stroke	5.51 IN x 6.5 IN	140 MM x 165 MM
Oil System Capacity	156 U.S. QT	148 LITERS
Coolant Capacity	89 U.S. QT	84 LITERS
Length	74.3 IN	1,887 MM
Width	58.4 IN	1,483 MM
Height	68.8 IN	1,744 MM
Dry Weight	6,610 LB	2,998 KG
Wet Weight	7,337 LB	3,328 KG

More Confidence.

QST30 engines are backed by the best warranty in the industry, with full coverage for unlimited hours the first year, extending through 2 years or 2,000 hours, whichever comes first. Major-components coverage continues through the third year or 10,000 hours. Extended protection plans are available.

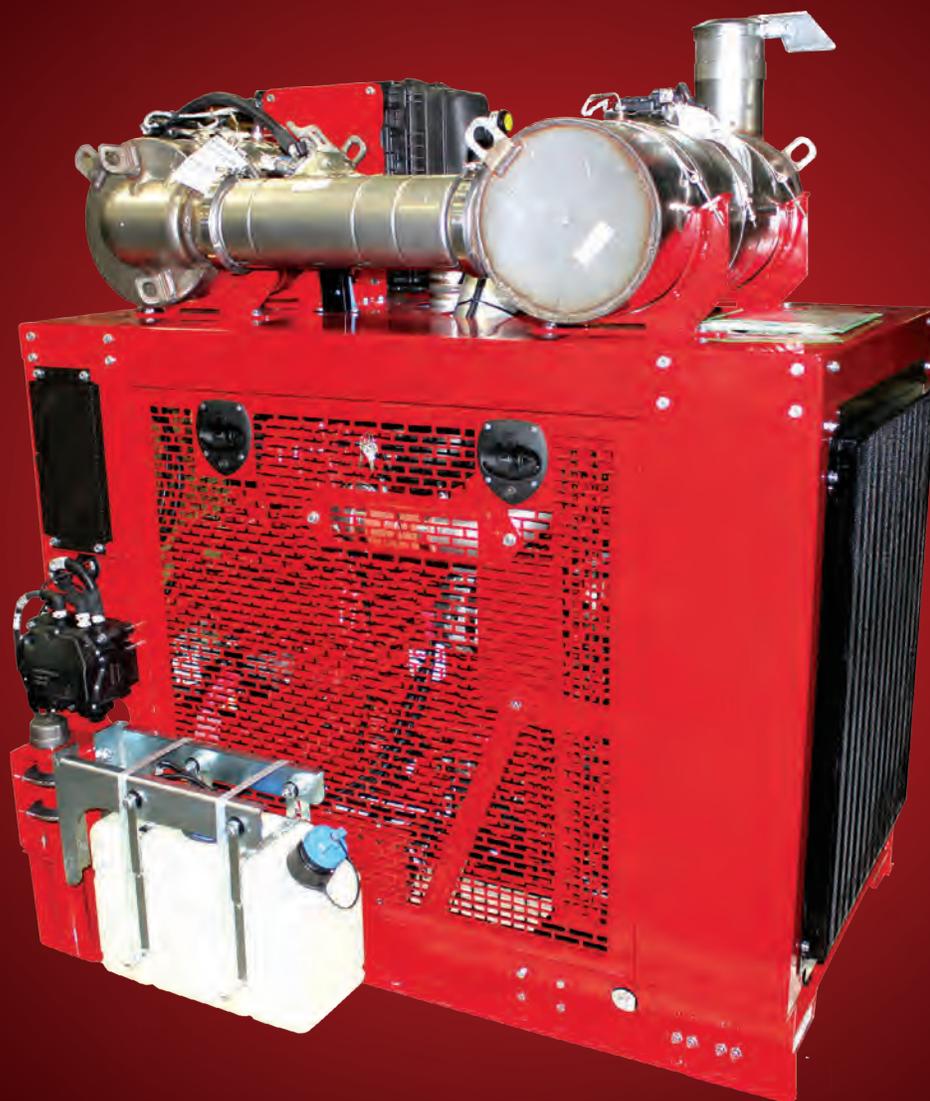
More Support. Every Customer.

Cummins QST30 engines are backed by the world's largest and most capable parts and service network, with over 600 authorized distributors around the globe. For more information, call 1-800-DIESELS™ (1-800-343-7357) or go to cumminsengines.com.



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.

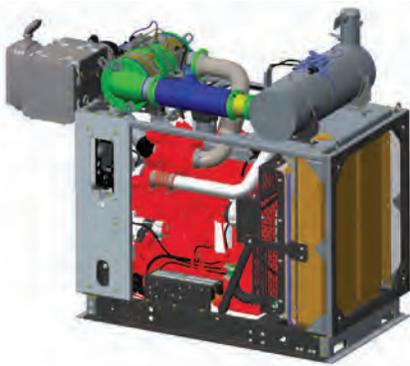
The Cummins Power Products Difference.

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.

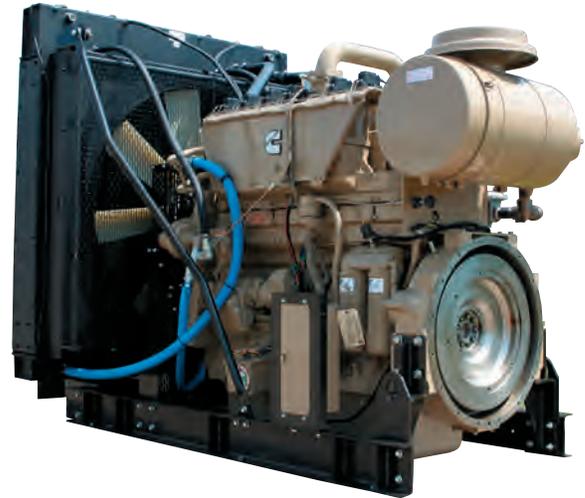
1,500 By Design. One For You.

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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