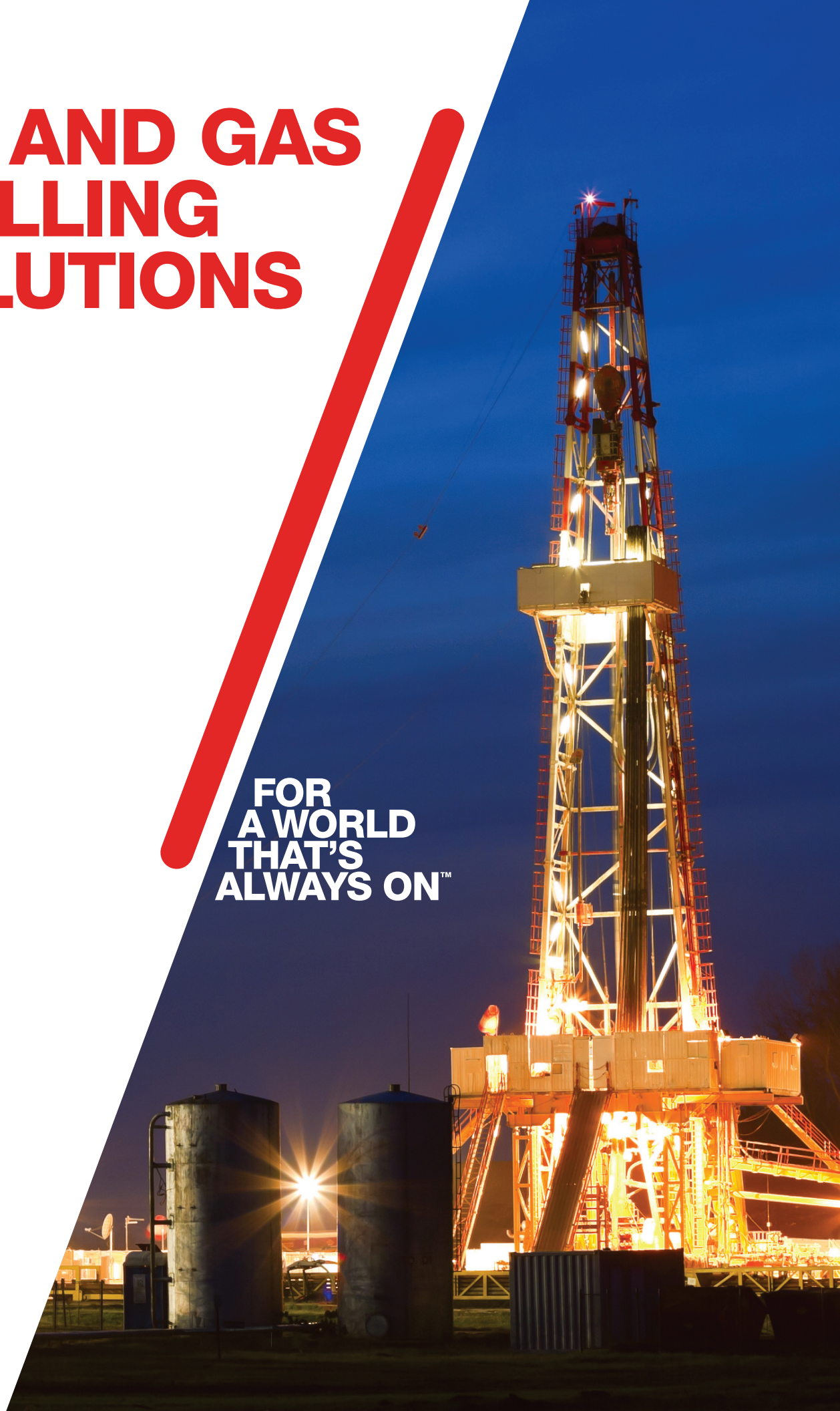
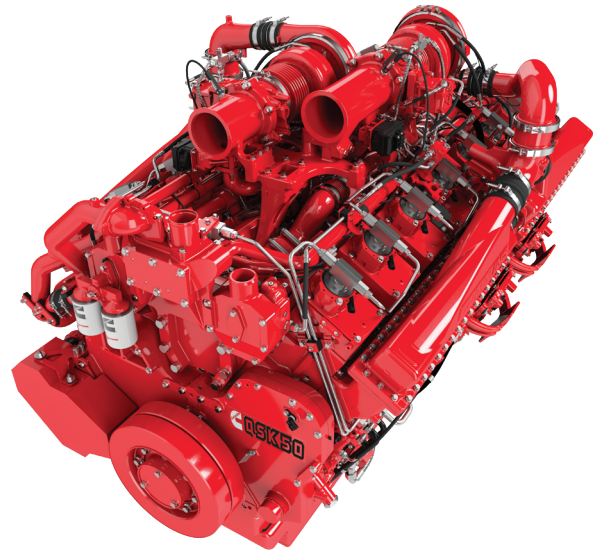


# OIL AND GAS DRILLING SOLUTIONS

FOR  
A WORLD  
THAT'S  
ALWAYS ON™



# CUMMINS DRILLING SOLUTIONS



Cummins delivers the complete package of products, services and support to meet all your drilling equipment needs. From loose engines and power units for mechanical rig power to land-based drilling power modules for electric drill rigs, you won't find a stronger, more dependable product lineup. We offer engines ranging from 185 hp to 1900 hp (138-2013 kWe) and electric drilling power modules from 1000 - 1300 kWe to power your customized drilling, hoisting and pumping applications.

## CUSTOMIZED SOLUTIONS FROM A SINGLE SOURCE

The key to Cummins durability in the field is our focus on developing proven products designed specifically for drilling applications. Our drilling power modules are designed, manufactured and validated at Cummins owned locations using Cummins manufactured engines, alternators, turbochargers and emissions solutions components.

Cummins utilizes rapid-response engineering, with our drilling power modules validated by a battery of tests that ensure that customer needs are met with a dependable, reliable product – all backed by a global Cummins factory warranty and supported through our global network of service providers. All of this makes Cummins unique in providing drilling customers with a true single-source supplier.

## FLEXIBLE DRILLING SOLUTIONS

Cummins drilling products are available with a wide range of options, enabling customers to tailor the products to suit their individual needs. Additional components, such as alternators, radiators, controllers, exhaust systems, fuel filtration and DEF systems, can be valuable components for customers to include as part of their drilling solution.





## **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](http://quickserve.cummins.com)), which provides engine data and access to service resources for global support on all oil and gas drilling projects.

## **UNSURPASSED WARRANTY COVERAGE**

With Cummins, your drilling 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 dependable power you need from drilling equipment, with increased uptime and greater productivity. Most important, our presence and support worldwide make Cummins a proven, committed oil and gas partner that you can always depend on. For additional details, visit [cumminsengines.com](http://cumminsengines.com) or contact your local Cummins distributor.





## MECHANICAL DRILLING ENGINES

Engine Model	Rating		Config	Displacement (L)	Weight <sup>4</sup>		Emissions <sup>5,6</sup>	Aftertreatment
	(bhp) <sup>1</sup>	(kWm)			(lb)	(kg)		
<b>L9</b>	250-400	186-298	I-6	9	1,695	769	U.S. UPA Tier 4 Final EU Stage V	EGR/SCR
<b>X12</b>	290-400	216-298	I-6	12	2,242	1,017	U.S. UPA Tier 4 Final EU Stage V	SCR
<b>QSG12</b>	320-500	239-373	I-6	11.9	2,798	1,269	U.S. EPA Tier 4 Final EU Stage V	DPF/SCR
<b>N Series</b>	350-450	260-335	I-6	14	2,899	1,315	Non-Certified	–
<b>QSX15</b>	400-600	298-448	I-6	14.9	3,166	1,436	U.S. EPA Tier 4 Final EU Stage V	DPF/SCR
<b>KTA19</b>	440-600	328-447	I-6	19	6,170	2,799	Non-Certified	–
<b>QSK19</b>	506-800	377-59	I-6	19	4,535	2,057	U.S. EPA Tier 4 Final EU Stage V	SCR
<b>QSK23</b>	760-950	567-709	I-6	23	6,001	2,722	U.S. EPA Tier 4 Final EU Stage V	SCR
<b>QST30</b>	850-1500	634-1119	V-12	30.5	7,337	3,328	U.S. EPA Tier 4 Final EU Stage V	SCR
<b>KTA38</b>	820-1350	611-1006	V-12	38	9,479	4,300	Non-Certified	–
<b>QSK38</b>	1530-1600	1141-1193	V-12	37.7	9,844	4,465	U.S. EPA Tier 2	–
<b>QSK50</b>	1350-2500	1007-1865	V-16	50.3	12,566	5,700	U.S. EPA Tier 4 Final EU Stage V	SCR
<b>KTA50</b>	1675-2000	1249-1491	V-16	50	11,669	5,293	Non-Certified	–

## LAND-BASED OIL FIELD GENERATOR SETS

Engine Model	Rating (bhp) <sup>1</sup>	Rating (kWm)	Speed (rpm)	Frequency (Hz)	Voltage (V)	Emissions <sup>5,6</sup>	Aftertreatment
<b>QSX15</b>	454-620	322-439	1800	60	400/480	U.S. EPA Tier 4 Final	DPF/SCR
<b>QSK19</b>	715-815	507-578	1800	60	400/480	U.S. EPA Tier 4 Final	SCR

## LAND-BASED DRILLING POWER MODULES SETS

Engine Model	Rating (bhp) <sup>1</sup>	Rating (kWm)	Speed (rpm)	Frequency (Hz)	Voltage (V)	Emissions <sup>5,6</sup>	Aftertreatment
<b>KTA50</b>	1470	1096	1200	60	600/690	Noncertified	–
<b>KTA50</b>	1750	1306	1500	50	600/690	Noncertified	–
<b>QSK50</b>	1480	1104	1200	60	600/690	Noncertified (Tier 2)	–
<b>QSK50</b>	1500	1104	1200	60	600/690	U.S. EPA Tier 4 Final	SCR
<b>QSK50</b>	1600	1193	1200	60	600/690	U.S. EPA Tier 4 Final	SCR
<b>QSK50</b>	1780	1327	1500	60	600/690	Noncertified (Tier 2), CS-III Certified	–
<b>QSK50</b>	1500	1104	1800	60	600/690	U.S. EPA Tier 4 Final	SCR
<b>QSK50</b>	1900	1417	1800	60	600/690	U.S. EPA Tier 4 Final	SCR

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

(2) DRILLING RATING: To be used in variable load-drilling applications where maximum power is needed for short periods of time during either initial starting or sudden overload. Average power output is not to exceed 70% of the maximum power rating.

(3) Some ratings may be preliminary. Please contact your distributor.

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

(5) Noncertified ratings are also available. Please contact your distributor.

(6) Emergency gensets are exempt from IMO emissions legislation. Engines <130 kW do not require IMO certification.



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