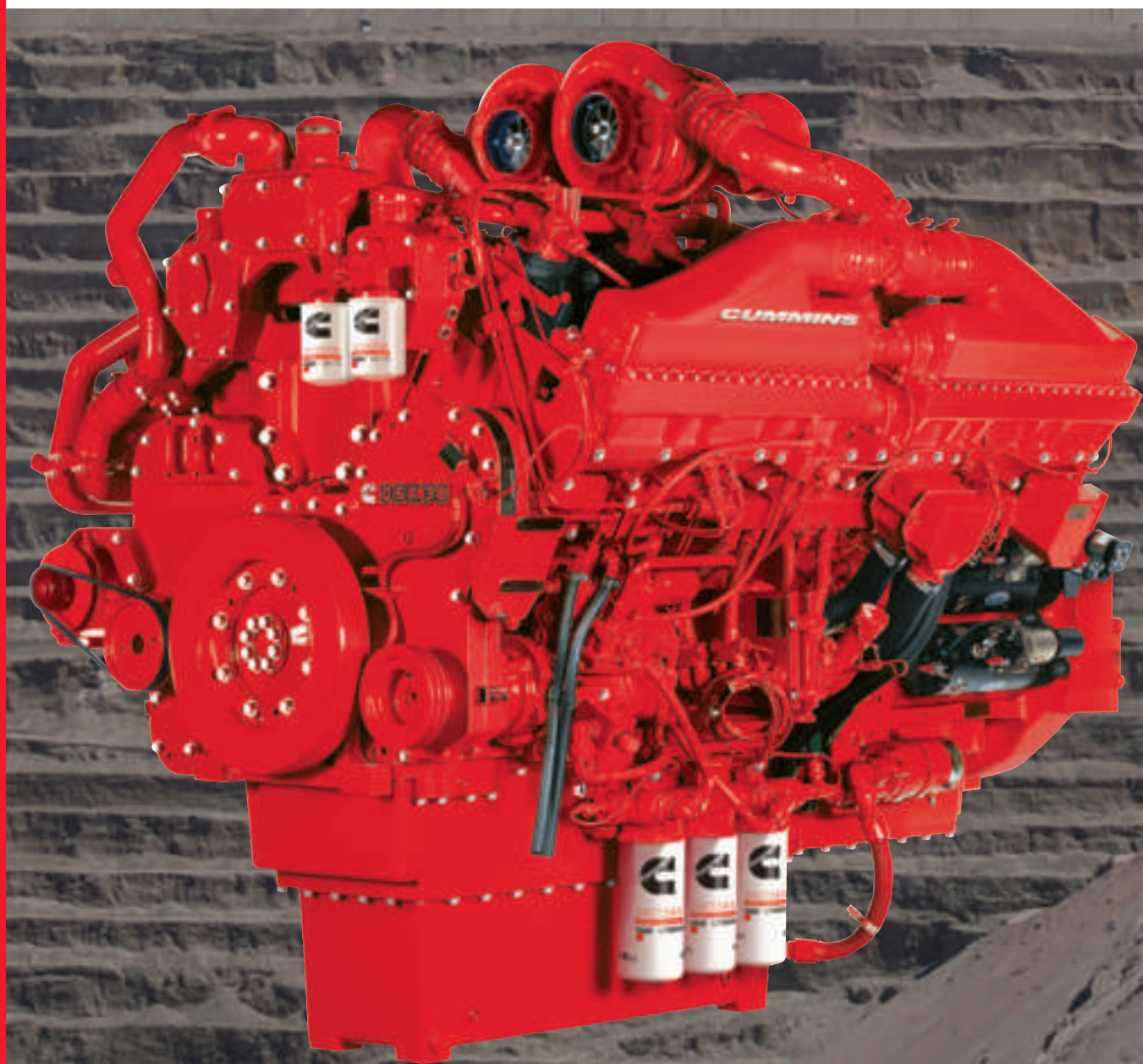




Ready For More. Every™ Ton.

QSK38 Engines For Mining Applications.



QSK38.

More Innovation.

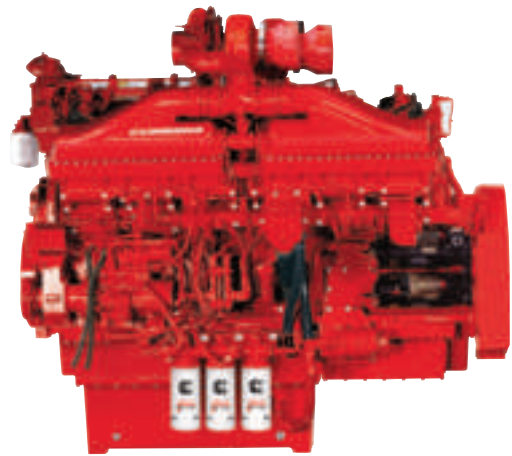
Cummins continues to deliver innovative products to the mining market, and the QSK38 is no exception. Developed from the robust K1500E, the QSK38 is designed to survive the toughest mining applications. The technological improvements achieved on the engine enable more consistent power at every rpm, with an 18 percent faster load acceptance and 50 percent improved cold start over the K1500E.

More Robust Features.

- The high-pressure Modular Common Rail Fuel System (MCRS) generates clean, quiet and efficient power
- Quantum System electronic controls manage the high-pressure pump and unit injectors for precise control of injection pressure and timing, adding exceptional reliability
- Nitride-coated cylinder liners and an advanced piston design with cast-iron top rings are designed to handle high injection pressures – delivering 10 percent longer life-to-overhaul than two-piece pistons
- The Prelub system pressurizes the entire lube system before cranking – reducing friction and extending life-to-overhaul
- Longer service intervals are achieved with optional Centriguard™ centrifuge filters, the CENTINEL™ continuous oil replacement system and the self-cleaning ELIMINATOR™ full-flow/bypass filtration system

More Availability.

Cummins 12-cylinder QSK38 engines have been proven to consistently deliver upward of 90 percent availability in haul trucks, excavators, wheel loaders and other mining equipment, based on customer data from around the world. The robust design of the QSK38 results in an average life-to-overhaul of 625,000 gallons (2,365,882 liters).



Ratings

ENGINE MODEL*	ADVERTISED HP (KW) @ RPM	PEAK TORQUE LB-FT (N•M) @ RPM
QSK38 1260	1260 (940) @ 1800	4054 (5496) @ 1400
QSK38 1200	1200 (895) @ 1800	3861 (5235) @ 1400
QSK38 1086	1086 (810) @ 1800	3591 (4869) @ 1350

*Cummins customers can use Tier 2 engines in North America through 2017 by utilizing U.S. EPA's Transitional Program for Equipment Manufacturers. All QSK38 ratings are available for use in nonregulated regions where engines are not subject to certification.

Specifications

Engine Type	Vee, 12-Cylinder	
Aspiration	Turbocharged and Aftercooled	
Displacement	2,307 CU IN	38.0 LITERS
Bore and Stroke	6.25 IN X 6.25 IN	159 MM X 159 MM
Oil System Capacity	49 U.S. QT	46 LITERS
Coolant Capacity	29.5 U.S. QT	28 LITERS
Length	86.5 IN	2,197 MM
Width	58.7 IN	1,491 MM
Height	73 IN	1,846 MM
Dry Weight	8,716 LB	3,954 KG
Wet Weight	9,039 LB	4,100 KG

More Confidence.

QSK38 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 QSK38 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.



Cummins Inc.
Box 3005
Columbus, IN 47202-3005
U.S.A.

Phone: 1-800-DIESELS™ (1-800-343-7357)
Fax: 1-800-232-6393
Internet: cumminsengines.com

Twitter.com/CumminsEngines
YouTube.com/CumminsEngines

Bulletin 4087273 Printed in U.S.A. 8/12
©2012 Cummins Inc.