



# Legendary reliability. Massive durability.

QSK19 Tier 4 engine for mining applications





# Real innovation. Real improvements.

Mining operations never stand still, and neither does the QSK19 Tier 4. We're always innovating, always improving, always making sure it has the technology to meet your needs, improve reliability and aid productivity. Not only this, but you can operate within the varying degrees of emissions compliances in every corner of the globe.

The QSK19 features a whole package that includes some of our most innovative solutions for the challenges modern mines face.

## **Modular Common Rail Fuel System (MCRS)**

Provides precise control of the fuel ejection event that results in lower noise, vibration and smoke, and optimized fuel economy.

## **High-efficiency components**

Our newly designed advanced turbochargers, air intake, cooling, and crank case breather system offer increased performance hour after hour.

## **Advanced Selective Catalytic Reduction (SCR) technology**

Allows the engine to meet global emissions regulations without increasing displacement, heat rejection or significantly changing the engine footprint or ratings. By using SCR technology, we're able to protect engine performance and power density, equating to best in class cost of production.



# Unmatched performance and durability

## NanoNet® advanced media technology

Filters out the smallest impurities that impede optimal engine performance, extending maintenance intervals and keeping your engine running longer. Extended service intervals mean less downtime for routine maintenance and more uptime for profitable productivity.

## The QSK19 has unmatched life-to-overhaul

Due to Cummins' rugged design and modular common rail fuel system (MCRS).

## Data is powerful too

Through Cummins PrevenTech® Mining, we can empower you with innovative digital solutions for remote engine monitoring, prognostics, and customer alert creation and notifications, which improve productivity, reduce costs, and optimize maintenance and servicing.

## Service and support: We've got your back

### Global support network

Distributor branches in over 190 countries to support your parts and service needs, no matter where your equipment is located.

### Cummins Care

Our unique solutions center with experts who have specialized skill sets, experience, and in-depth knowledge, to help you problem-solve fast and assist you with your service and support needs.

### Comprehensive warranty coverage

Cummins engines include a comprehensive, worldwide warranty. Extended coverage options are available. See your distributor for more details.



### Cummins Quickserve™ Online

With Cummins, one of the most comprehensive and powerful parts and service tools in the industry is all yours.

# Breaking new ground with Planet 2050

In 2014, Cummins adopted its first comprehensive sustainability plan. Planet 2050 builds on this with 2050 aims and incremental 2030 goals. One of those goals is to partner with customers to reduce greenhouse gas (GHG) emissions from products in the field by 55 million metric tons. This is accomplished by improving the efficiency of our products.

For more information on Planet 2050, visit [cummins.com](http://cummins.com).



## Ratings

Engine Model*	Advertised HP (kW) @ RPM	Peak Torque LB - FT ( N•M) RPM
QSK19 760	760 (567) @ 1800	2275 (3084) @ 1500
QSK19 760	760 (567) @ 2000	2275 (3084) @ 1500

## Specifications

Engine Type	Inline 6-Cylinder	
Aspiration	Turbocharged and Charge Air Cooled	
Displacement	1,159 CU IN	19 LITERS
Bore and Stroke	6.25 IN x 6.25 IN	159MM x 159MM
Oil System Capacity	64 U.S. QT	61 LITERS
Coolant Capacity	42 U.S. QT	40 LITERS
Length	64.3 IN	1,632 MM
Width	49 IN	1,245 MM
Height	47.5 IN	1,206 MM
Dry Weight	4,550 LB	2,064 KG
Wet Weight	4,771 LB	2,164 KG



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