



# 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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## 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.