



EVERY POWER.

QST30

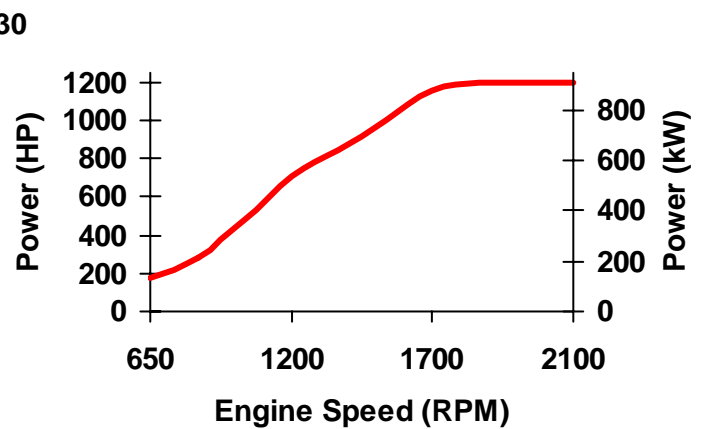
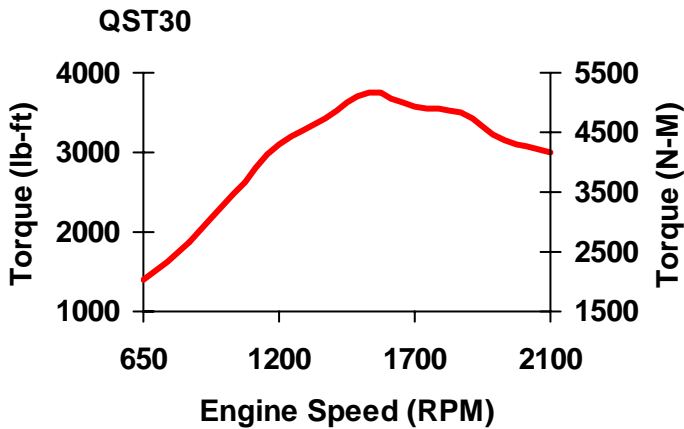
QST30 Ratings

ENGINE MODEL	ADVERTISED HORSEPOWER	PEAK TORQUE	ASPIRATION
QST30*	1200 HP @ 2100 RPM	3750 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler
QST30	1050 HP @ 2100 RPM	3414 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler
QST30	950 HP @ 2100 RPM	3089 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler
QST30	850 HP @ 1800 RPM	2807 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler

*RESTRICTED RATING

ADDITIONAL RATINGS ARE AVAILABLE. CHECK WITH YOUR CUMMINS DISTRIBUTOR.

Emission Certification: U.S. EPA Tier 1, CARB Tier 1



Specifications

Advertised Horsepower	760 - 1200 BHP		567 - 895 kW
Peak Torque	2471 - 3750 LB-FT		3350 - 5084 NM
Number of Cylinders	12		
Displacement	1860 cu in	30.5 liters	
Bore and Stroke	5.51 in. x 6.5 in.	140 mm x 165 mm	
Aspiration	Turbocharged and Charge Air Cooled		
Oil System Capacity	139.6 U.S. Quarts	132 liters	
Power Unit Weight (Dry)	11400 lbs.	5171 Kg	
Total Cooling System Capacity	229.5 U.S. Quarts	217.2 liters	
Power Unit Size	Length	156.0 in.	3962 mm
	Width	59.77 in.	1518 mm
	Height	92.27 in.	2344 mm

Curves 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.

All data is based on the engine operating with fuel system, water pump, and 15 in H₂O (3.733 kPa) inlet air restriction with 6 in (152 mm) inner diameter, and with 2 in Hg (7 kPa) exhaust restriction with 6 in (152 mm) inner diameter; not included are alternator, fan, optional equipment and driven components.

The engine may be operated up to 6,000 ft (1,829 m) altitude before electronic derate is applied.

CUMMINS POWER PRODUCTS

KEY FEATURES

QST30

Holset HX40 Turbocharger Designed for improved air handling with an extended life-to-rebuild. Standard on the QST30.

High-Capacity Oil Pump And Pan Provides superior lubrication for longer component life and extended service intervals.

CELECT™ Electronic Engine

Management Full-authority electronics for superior performance, fuel efficiency, diagnostics and prognostics. Programmable feature lets you customize engine performance to vehicle use.

Air Cleaner Dual Heavy duty industrial air cleaners with aluminized tubing. Safety elements included within the air cleaners and restriction indicators available.

Baserail Mounting Made of heavy duty constructed C channel. All metal components are powder coated. Passes a 1000 hours salt water test.

Cooling System Heavy Duty Solid mount Radiator assembly with jacket water, charge air cooler and fuel cooler incorporated with assembly. Sucker or Blower fan arrangements available. Aluminized charge air cooler tubes and painted water tubes. Radiator shroud, fan and belt guarding included. Low coolant Level safety shutdown provided.

Instrument Panel Operates on 12 or 24 volt using the Murphy Powerview Module. J1939 communication with a 9 pin diagnostic connection. Shutdown protection provided through the ECM. Isolated inner panel within an outer protective lockable box. Available on right or left hand side of unit. Nema panels also available.

Clutches Over center and straddle bearing clutches available depending on application. Provided primarily by Twin Disc.

Cummins Industrial Warranty Coverage for two years or 2000 hours of operation, whichever occurs first, from the date of delivery of the power unit to the first user, or from the date the unit is first leased, rented or loaned, or when the power unit has been operated for 50 hours, whichever comes first. If the 2000 hour limit is exceeded during the first year, coverage continues until the end of the first year.

CUMMINS POWER PRODUCTS

21810 Clessie Court
New Hudson, Michigan 48165
Phone: 248-573-1600
Fax: 248-573-4014
Internet: cpp.cummins.com

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Available Options	Standard	Optional
Air Cleaner 25 g/cfm w/ Safety Element - Open Rear Mount	■	
Clutch Support Plate		■
Twin Disc Clutch		■
Decal Option / parts Manual	■	
Engine Harness Option	■	
Linear Throttle Control		■
Electrical Wiring 12 Volt		■
Electrical Wiring 24 Volt	■	
Instrument panel mount - Open	■	
Instrument Panel - Powerview; Includes Murphy Powerview w/ oil pressure, water temp., voltmeter, and tachometer gauges, key switch, run/idle switch, 9 pin J1939 diagnostic port, and isolated panel within enclosed lockable box.	■	
Instrument Panel - Nema Enclosure		■
12 Foot Extension Harness		■
24 Foot Extension Harness		■
Baserail Engine Sub Base - Extended for Clutch Support	■	
Packing / Shipping Skid	■	
Cooling System - Sucker; Includes Radiator, fan, shroud, positive deaeration tank, guarding, tubes.	■	
Cooling System - Blower; Includes radiator, fan, shroud, positive deaeration tank, guarding, tubes.		■
Fuel Cooler added to Cooling System	■	
Restriction Indicator - Air Cleaner		■
Stone Guard - Grill Type	■	
Coolant Level Safety Shutdown	■	