# EVERY POWER.

# QSB4.5

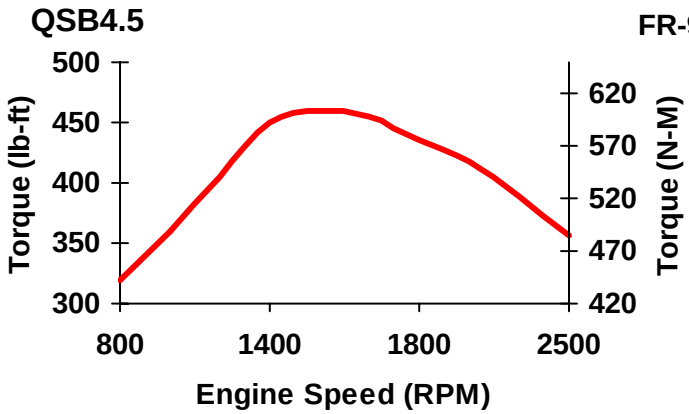
## QSB4.5 Ratings

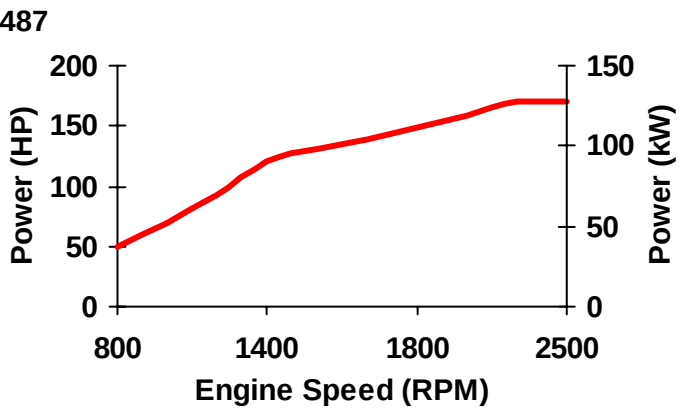
| ENGINE MODEL | ADVERTISED HORSEPOWER | PEAK TORQUE | ASPIRATION |
|---|---|---|---|
| QSB4.5* | 170 HP @ 2500 RPM | 459 LB-FT @ 1500 RPM | Turbocharged/Charge Air Cooler |
| QSB4.5 | 160 HP @ 2500 RPM | 460 LB-FT @ 1500 RPM | Turbocharged/Charge Air Cooler |
| QSB4.5 | 130 HP @ 2500 RPM | 459 LB-FT @ 1500 RPM | Turbocharged/Charge Air Cooler |
| QSB4.5 | 110 HP @ 2500 RPM | 360 LB-FT @ 1500 RPM | Turbocharged/Charge Air Cooler |

* RESTRICTED RATINGS

ADDITIONAL RATINGS ARE AVAILABLE. CHECK WITH YOUR CUMMINS DISTRIBUTOR.

**Emission Certification: U.S. EPA Tier 3, CARB Tier 3, EU Stage IIIA**




| Specifications | | | |
|---|---|---|---|
| Advertised Horsepower | | 110-170 BHP | 74 - 127 kW |
| Peak Torque | | 360-460 LB-FT | 489 - 624 NM |
| Number of Cylinders | | 4 | |
| Displacement | | 275 cu in | 4.5 Liters |
| Bore and Stroke | | 4.02 in. x 5.42 in. | 102 mm x 120 mm |
| Aspiration | | Turbocharged and Charge Air Cooled | |
| Oil System Capacity | | 11.6 U.S. Quarts | 10.9 Liters |
| Power Unit Weight (Dry) | Open | 1270 lbs | 576 kg |
| | Enclosed | 1461 lbs | 673 kg |
| Total Cooling System Capacity | | 20 U.S. Quarts | 18.9 Liters |
| Power Unit Size: Open | Length | 57.45 in. | 1459 mm |
| | Width | 31.88 in. | 810 mm |
| | Height | 65.34 in. | 1660 mm |
| Enclosed | Length | 48 in. | 1219 mm |
| | Width | 31.88 in. | 810 mm |
| | Height | 61.82 in | 1570 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 9.84 in H2O (2.449 kPa) inlet air restriction with 3.94 in (100 mm) inner diameter, and with 1.97 in Hg (7 kPa) exhaust restriction with 2.95 in (75 mm) inner diameter; not included are alternator, fan, optional equipment and driven components.

The engine may be operated without changing the fuel setting up to 7,500 ft (2,286 m) altitude and 100 deg F (38 deg C). For sustained operation at high altitudes, the fuel rate of the engine should be adjusted to limit performance by 4% per 300 m (1000 ft.) above 7,500 ft (2,286 m) altitude.

**CUMMINS POWER PRODUCTS**

# KEY FEATURES

# QSB4.5

**Holset Turbochargers** Wastegated designs optimize operations for improved response across the torque curves.

**Full-Authority Electronic Controls** Optimized engine operation, diagnostics, prognostics and more. Industry standard datalinks.

**Parent Bore Cylinder Block** Structurally advanced design handles high pressures with greater durability.

**Quiet operation** makes the B Series engine suitable in many environments.

**Air Cleaner** 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 formed C channel. All metal components are powder coated. Passes a 1000 hours salt water test.

**Cooling System** Heavy duty radiator assembly with jacket water and charge air cooler incorporated within assembly. Sucker or blower fan arrangements available. Aluminized charge air cooler tubes and painted water tubes. Radiator shroud, fan and belt guarding included. Radiator is isolated.

**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 clutches available depending on application. Provided primarily by Twin Disc.

**Enclosure** Fully enclosed power unit available. Enclosure housings uses 12-gauge steel. All components are powder-coated, which increases chip resistance. Passes a 1,000-hour salt spray tests. Components are bolted, not welded, so they resist mounting distortion and are easier to service. Removable side doors for easy engine serviceability.

**Exhaust** Heavy duty industrial muffler provided.

**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.

| Available Options | Standard | Optional |
|---|---|---|
| Air Cleaner 25 g/cfm w / Safety Element - Open Rear Mount | ■ | |
| Air Cleaner 25 g/cfm w / Safety Element - Enclosed Top Mount | ■ | |
| Tw in Disc Clutch | | ■ |
| Decal Option / parts Manual | ■ | |
| Engine Harness Option | ■ | |
| Linear Throttle Control | | ■ |
| Full Enclosure | ■ | |
| Electrical Wiring 12 Volt | ■ | |
| Electrical Wiring 24 Volt | | ■ |
| Heater Starting Aid(grid/glow plug) | | ■ |
| Instrument panel mount - Open | ■ | |
| Instrument Panel - Pow erview ; Includes Murphy Pow erview w / oil pressure, w ater temp., voltmeter, and tachometer gauges, key sw itch,run/idle sw itch, 9 pin J1939 diagnostic port, and isolated panel w ithin enclosed lockable | ■ | |
| Instrument Panel - Sw itch Gauges; Includes Murphy shutdow n, electro-mechanical oil pressure and w ater temp., voltmeter, and tachometer / hourmeter gauges, key sw itch, isolated panel w ithin enclosed lockable box. | | ■ |
| Instrument Panel - Nema Enclosure | | ■ |
| 12 Foot Extension Harness | | ■ |
| 24 Foot Extension Harness | | ■ |
| Baserail Engine Sub Base non-isolated | ■ | |
| Baserail Engine Sub Base Isolated | | ■ |
| Baserail Engine Sub Base - Special Isolated Side Load | | ■ |
| Packing / Shipping Skid | ■ | |
| Cooling System - Sucker; Includes Radiator, fan, shroud, positive deaeration tank, guarding, tubes. | ■ | |
| Cooling System - Blow er; Includes radiator, fan, shroud, positive deaeration tank, guarding, tubes. | | ■ |
| Restriction Indicator - Air Cleaner | | ■ |
| Stone Guard - Grill Type | ■ | |
| Stone Guard - Serpentine Type | | ■ |
| Coolant Level Safety Shutdow n | ■ | |
| Exhaust System | ■ | |


## CUMMINS POWER PRODUCTS

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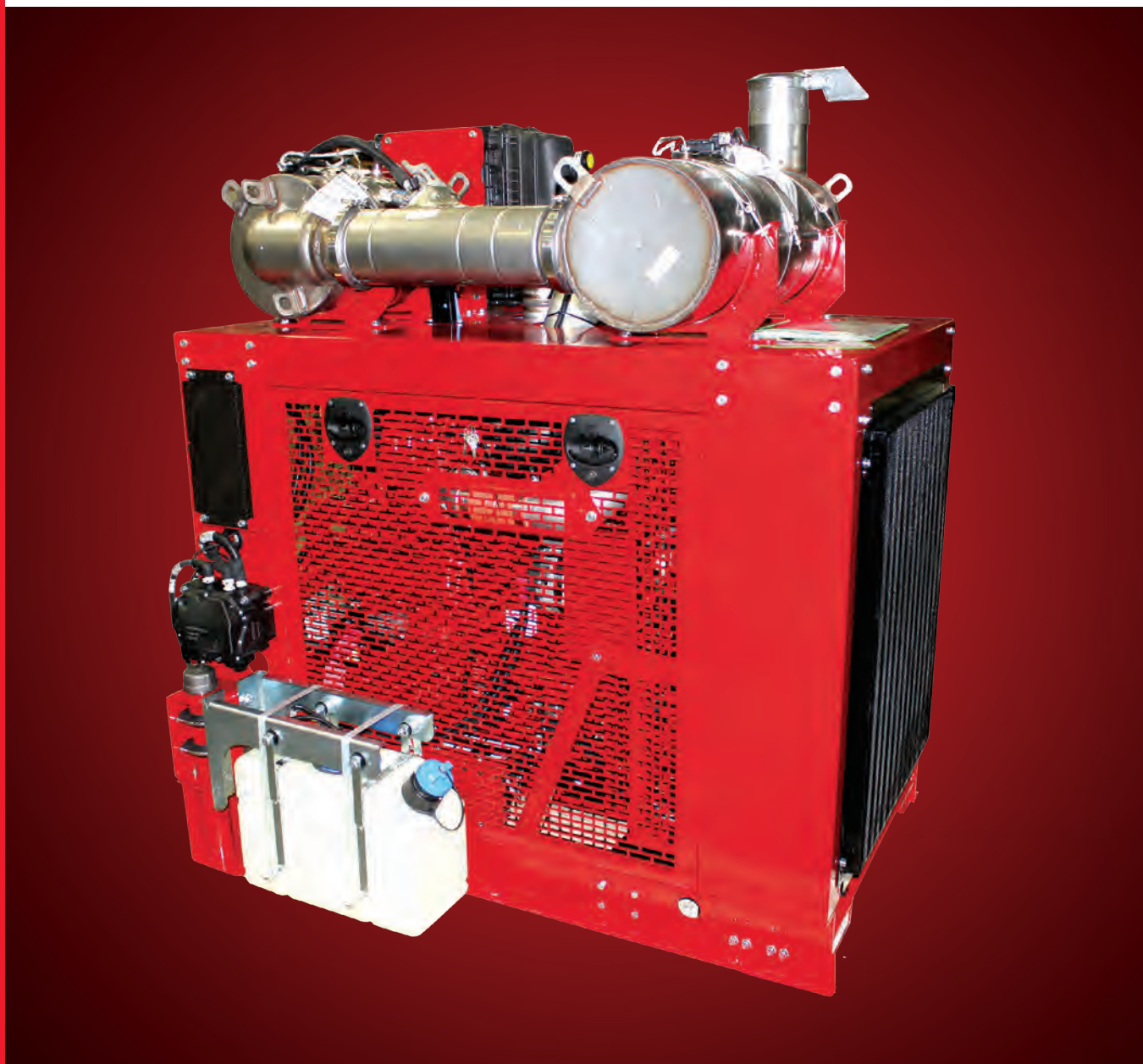
# Every™ Power.

## Cummins Power Products.



In today's business world, you need a total package – one that delivers value of ownership, the most advanced technology and second-to-none support. Cummins Power Products offers a total solution for your power-unit needs, with a full range of diesel and compressed gas products from 60 hp to 1500 hp (45-1119 kW) and options designed to meet your specific needs.

## Power By Design.

What is a power unit? Essentially, a power unit is "torque in a box," specifically engineered to provide a solution for a mechanical power need. Every product we make is powered exclusively by a Cummins engine, the most rugged, reliable and advanced technology available. Customized to the unique specifications necessary to meet your power demands, Cummins Power Products designs the right product, with the right fit, to do the job right, backed by our global parts and service network.

## Ready For Tier 4 Final.

Our Tier 4 Final technology solution for power units builds on the proven durability of our Tier 3 and Tier 4 Interim power units. Cummins has a unique advantage in that we design and develop all of the critical engine subsystems and aftertreatment components. Cummins Power Products then upfits the base engine and validates the entire power unit design to offer a completely integrated power package. The total system is optimized to minimize installation impact and achieve the lowest cost of operation.

## Every Application.

There is added value in working with Cummins Power Products. We eliminate the need to search for the right components. We have done that for you, and the result is a package designed specifically for your job. We offer turnkey solutions in both open and enclosed platforms from a standard line of base-engine models or a customized unit specifically engineered for a unique piece of equipment in virtually any application. We have the people, processes and products to make it happen. Cummins Power Products employs a qualified engineering staff with decades of experience in Pro/ENGINEER design. Our power units are built for everything from brush chippers and rock crushers to dewatering pumps and rail maintenance units. And if your need for power is larger than that, we also work on mud pumps, frac rigs and other heavy-duty applications.

**Durable and reliable power for oil field equipment.**

**Locomotive and rail maintenance track packs keep business moving.**

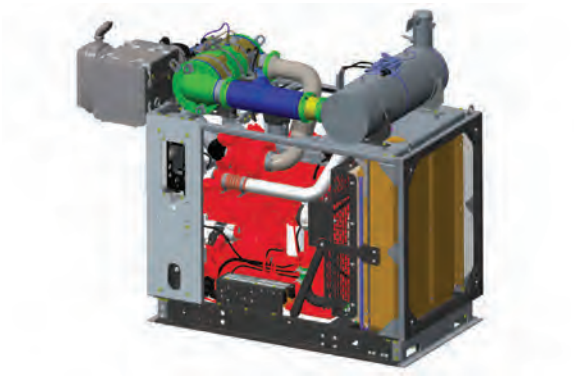
## The Cummins Power Products Difference.

Quality. Experience. Support. All customized for you. We don't take these things lightly. Our quality standards are unmatched in the power unit industry. Through our state-of-the-art production processes and a battery of product tests, each power unit provides unparalleled quality and dependability. Since 1997, we have produced over 30,000 power units designed to unique standards. And each one has the backing of Cummins worldwide parts and service network to support you.

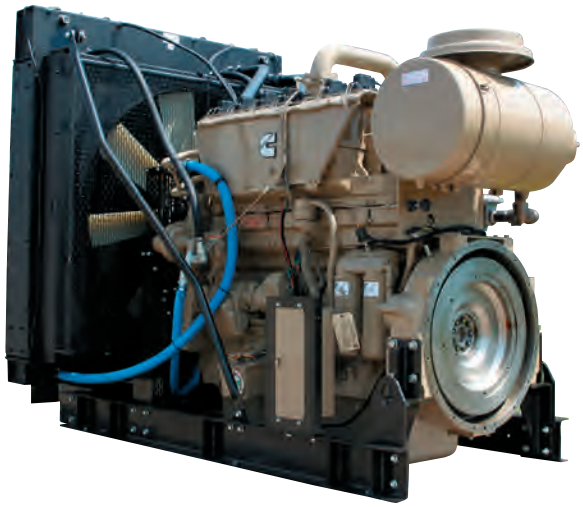
## 1,500 By Design. One For You.

With over 1,500 options available, a design may already exist to fit your exact need. We have already done the work to meet Tier 4 emissions requirements, with a number of models available. If no existing models meet your need, Cummins Power Products utilizes virtual prototyping to ensure a correct design and fit for your specific application. Our prototyping is very competitive, and allows close accuracy to the actual part production pricing. Some of the customizable options available include:

- Electronic or mechanical controls
- Cooling packages
- Mounting options
- Intake and exhaust locations
- Instrument panel locations

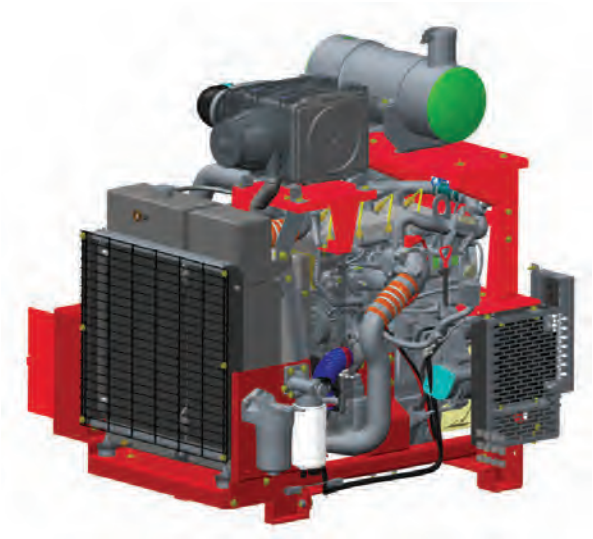


**QSB6.7 Tier 4 Final Standard Package**



## Every Strength.

There is power in our power units. Cummins Power Products power units last longer because they are built better. Our enclosure housings use 12-gauge steel. All metals are powder-coated, which increases chip resistance and allows our units to pass 1,000-hour salt spray tests. Components are bolted, not welded, so they resist mounting distortion and are easier to service. Each engine design is fully tested by Cummins Power Products to meet or exceed Cummins application guidelines. In addition, the electrical systems on each of our power units are tested before they leave our factory. Our power units are built and tested to handle the most extreme conditions.



**Cummins Power Products' advanced engineering design process utilizes 3D prototyping in a virtual environment to customize each power unit to the exact needs of the customer and application.**

## Our Confidence. Total Coverage.

The warranty for Cummins Power Products power units mirrors the Cummins Industrial warranty. The first year is completely covered regardless of the number of hours run. Coverage continues through the second year or until 2,000 hours of operation have been reached (whichever occurs first).

## World-Class Service. Every Time.

Cummins Power Products is a global provider of power units. Our value with customers overseas is realized in the dependability and durability of our products. We've shipped units to customers all over the world. Each power unit is backed by Cummins worldwide parts and service network. With over 6,600 authorized service locations around the world, your power unit will have support wherever you need it. Qualified technicians and Genuine Cummins Parts are never far away, even in the most remote location.


## Every Advantage.

Cummins QuickServe® offers you factory-trained technicians, the most sophisticated diagnostic and repair tools in the industry and the largest international parts and service network of any engine manufacturer. Our worldwide team of mobile service technicians is always ready to deliver service when and where you need it. Every minute. Every day. Every year. Plus, Cummins distributors have access to an entire library of parts and service information for Cummins engines on the Internet. QuickServe Online provides engine part numbers, diagrams, service bulletins and alerts, up-to-date supersessions and more – 24 hours a day, for nearly 11 million Cummins engines. The Cummins Power Products web site is linked through QuickServe Online for rapid serial number identification.

## Every Contact.

Cummins Power Products offer the best long-term value for your equipment needs and cost of ownership, whether your power unit is one of our standard configurations or designed specifically for your application and equipment. To learn more about Cummins Power Units, and to realize the power of our design, contact your local Cummins distributor location. Find out how we can design the exact power to work for you.

# Cummins Power Products.

## Engine Ratings Gross Horsepower (w/o Fan)

| Engine Model | Emissions Tier | Horsepower Range (bhp) | Horsepower Range (kW) | Displacement (cu in) | Open Length (in) | Open Width (in) | Open Height (in) | Open Weight (lb) | Enclosed Length (in) | Enclosed Width (in) | Enclosed Height (in) | Enclosed Weight (lb) | Centerline Height (in) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Diesel Products** | | | | | | | | | | | | | |
| QSF2.8 CAC | 4F | 49-74 | 37-55 | 171 | 50.15 | 38.00 | 50.60 | 1187 | 46.28 | 37.53 | 50.60 | NA | 12.5 |
| QSF2.8 Non-CAC | 4F | 49-65 | 37-48 | 171 | 50.15 | 38.00 | 50.60 | 1187 | 46.28 | 38.53 | 50.60 | NA | 12.5 |
| B3.3NA-P | 4i | 60-65 | 45-48 | 199 | 40.20 | 33.68 | 47.20 | 842 | 47.88 | 30.00 | 53.28 | 884 | 12.50 |
| B3.3T-P | 4i | 74 | 55 | 199 | 40.20 | 33.68 | 47.60 | 842 | 36.98 | 30.00 | 53.28 | 884 | 12.50 |
| B3.3TAA-P | 3 | 75-85 | 56-63 | 199 | 53.24 | 39.49 | 58.56 | 1017 | 41.75 | 33.68 | 58.56 | 1121 | 12.50 |
| QSB3.3-P | 4i | 85-120 | 63-89 | 199 | NA | NA | NA | NA | 43.82 | 29.46 | 53.05 | NA | 12.50 |
| QSB3.3-P | 3 | 80-110 | 60-82 | 199 | 53.24 | 39.49 | 58.56 | 1017 | 41.75 | 33.68 | 58.56 | 1121 | 12.50 |
| QSF3.8 | 4F | 74-130 | 55-97 | 232 | 65.60 | 52.00 | 50.50 | 1740 | 64.67 | 49.50 | 60.00 | NA | 13.13 |
| B4.5-P | 2 | 80 | 60 | 275 | 47.40 | 29.25 | 69.40 | 1208 | 47.44 | 31.54 | 58.13 | 1332 | 13.06 |
| B4.5T-P | 2 | 92-99 | 68-74 | 275 | 52.30 | 29.25 | 65.40 | 1208 | 43.00 | 31.55 | 60.34 | 1332 | 13.06 |
| QSB4.5 | 4F | 121-173 | 90-129 | 275 | 56.52 | 32.93 | 67.06 | 1860 | 56.52 | 32.93 | 67.06 | 1950 | 13 |
| QSB4.5-P | 4i | 110-163 | 82-122 | 272 | 59.40 | 38.50 | 56.40 | 1431 | 53.80 | 35.00 | 56.40 | 1574 | 13.14 |
| QSB4.5-P | 3 | 110-170 | 82-127 | 272 | 57.45 | 31.88 | 65.40 | 1270 | 48.00 | 31.88 | 61.82 | 1461 | 13.14 |
| QSB6.7 | 4F | 173-300 | 129-223 | 408 | 81.00 | 45.27 | 69.06 | 2590 | 81.09 | 45.27 | 69.06 | 2750 | 14 |
| QSB6.7-P | 4i | 146-173 | 109-129 | 409 | 65.31 | 40.82 | 57.13 | 1915 | 58.00 | 36.30 | 66.50 | 2165 | 14.10 |
| QSB6.7-P | 4i | 190-300 | 142-223 | 409 | 65.31 | 40.82 | 57.13 | 1915 | 58.00 | 36.30 | 66.50 | 2165 | 14.10 |
| QSB6.7-P | 3 | 190-275 | 142-205 | 409 | 68.48 | 33.91 | 81.80 | 1800 | 58.00 | 33.91 | 69.91 | 2050 | 14.10 |
| QSC8.3-P | 3 | 305 | 172-227 | 506 | 77.25 | 41.32 | 82.26 | 2380 | 64.75 | 41.32 | 81.03 | 2755 | 16.50 |
| QSL9 | 4F | 250-380 | 186-283 | 543 | 86.11 | 53.57 | 76.41 | 3150 | 86.11 | 53.57 | 76.41 | 3573 | 16.5 |
| QSL9-P | 4i | 230-380 | 172-283 | 543 | 74.20 | 41.30 | 61.70 | NA | 64.80 | 41.30 | 72.40 | 2794 | 16.50 |
| QSL9-P | 3 | 300-365 | 224-272 | 543 | 77.25 | 41.32 | 82.26 | 2380 | 64.75 | 41.32 | 81.03 | 2755 | 16.50 |
| QSM11-P | 3 | 300-400 | 224-298 | 660 | 77.38 | 46.88 | 70.07 | 3394 | 74.49 | 43.10 | 82.22 | 3718 | 20.00 |
| QSX11.9 | 4i | 350-500 | 261-373 | 726 | 85.90 | 48.00 | 78.50 | 4121 | NA | NA | NA | NA | 20.00 |
| QSX15 | 4F | 472-675 | 352-503 | 915 | 98.50 | 71.83 | 84.60 | 6250 | 98.50 | 71.83 | 84.60 | 6656 | 20 |
| QSX15-P | 4i | 400-600 | 298-447 | 912 | 87.80 | 57.50 | 85.50 | 5034 | NA | NA | NA | NA | 20.00 |
| QSX15-P | 3 | 375-630 | 280-470 | 915 | 106.25 | 62.75 | 84.05 | 5140 | 106.25 | 62.75 | 94.29 | 5750 | 20.00 |
| QSK19-P | 3 | 560-700 | 418-522 | 1159 | 115.13 | 61.88 | 78.78 | 6570 | NA | NA | NA | NA | 16.02 |
| QSK19-P | 2 | 525-700 | 391-522 | 1150 | 116.13 | 62.81 | 78.64 | 7100 | NA | NA | NA | NA | 15.88 |
| QSK19-P | 2 | 755-800 | 563-597 | 1150 | 116.13 | 62.81 | 78.64 | 7200 | NA | NA | NA | NA | 16.00 |
| QSK19-P | 1 | 755-800 | 563-597 | 1150 | 114.25 | 62.00 | 78.52 | 6530 | NA | NA | NA | NA | 16.02 |
| QSK23-P | 2 | 760-950 | 567-708 | 1412 | NA | NA | NA | NA | NA | NA | NA | NA | 23.00 |
| QST30-P | 1 | 760-1200 | 567-895 | 1861 | 156.00 | 59.71 | 92.27 | 11400 | NA | NA | NA | NA | 27.00 |
| QST30-P | 1 | 1350-1500 | 1007-1119 | 1861 | 131.34 | 95.00 | 110.66 | 16120 | NA | NA | NA | NA | 27.00 |
| QST30-P | 2 | 760-1200 | 567-895 | 1861 | 142.00 | 82.00 | 96.71 | 11400 | NA | NA | NA | NA | 27.00 |
| QST30-P | 2 | 1350-1500 | 1007-1119 | 1861 | NA | NA | NA | NA | NA | NA | NA | NA | 27.00 |
| QSK38-P | 2 | 920 | 686 | 2300 | 146.66 | 86.13 | 103.06 | NA | NA | NA | NA | NA | 30.00 |
| **Natural Gas Products** | | | | | | | | | | | | | |
| G5.9 | NA | 41-99 | 31-74 | 359 | 65.74 | 33.91 | 64.72 | 1530 | 64.52 | 33.91 | 70.41 | 1641 | 17.65 |
| G5.9e | NA | 70-99 | 52-74 | 359 | NA | NA | NA | NA | 68.02 | 33.91 | 69.51 | 1899 | 17.65 |
| G8.3 | NA | 99-135 | 74-101 | 505 | 67.38 | 41.32 | 73.80 | 1860 | 60.69 | 41.32 | 71.75 | 2525 | 17.75 |
| G8.3e | NA | 99-118 | 74-88 | 505 | NA | NA | NA | NA | 72.81 | 41.32 | 69.26 | 2444 | 17.75 |
| GTA8.3 SLB | NA | 175 | 131 | 505 | 78.50 | 48.88 | 71.50 | NA | 77.25 | 43.90 | 75.50 | NA | 17.75 |
| G855 | NA | 157-188 | 117-140 | 855 | 92.50 | 42.76 | 66.38 | 3900 | NA | NA | NA | NA | 22.38 |
| G855e | NA | 157-188 | 117-140 | 855 | 83.17 | 42.70 | 77.59 | 3944 | NA | NA | NA | NA | 22.38 |
| GTA855 | NA | 213-286 | 159-213 | 855 | 100.00 | 59.76 | 74.25 | 4596 | NA | NA | NA | NA | 22.38 |
| GTA855e | NA | 225 | 168 | 855 | 93.00 | 62.25 | 84.75 | NA | NA | NA | NA | NA | 22.38 |
| KTA19GC | NA | 265-420 | 198-313 | 1125 | 112.57 | 60.00 | 74.87 | 6495 | NA | NA | NA | NA | 21.13 |
| KTA19GC SLB | NA | 380-420 | 283-313 | 1125 | 104.96 | 62.25 | 80.50 | 6495 | NA | NA | NA | NA | 21.13 |
| KTA38GC SLB | NA | 635-850 | 474-634 | 2300 | 153.78 | 85.25 | 100.75 | 16500 | NA | NA | NA | NA | 29.89 |
| KTA38GC–E | NA | 635-760 | 474-567 | 2300 | NA | NA | NA | NA | 234.60 | 85.50 | 152.30 | 26,114 | 29.89 |

– Dimensions and weights will vary slightly depending on the exact engine configuration.
– All ratings are restricted unless otherwise noted. Some ratings are intermittent.
– Height dimensions are measured from bottom of rail to highest point on unit, usually the muffler.
– Natural gas power unit centerline height indicated with high-capacity oil pans.
– 4i Refers to Tier 4 Interim EPA 2011 emissions standards.
– T4F refers to Tier 4 Final EPA 2014 emissions standards.
* Anticipated 2014 releases planned.

Cummins and Cummins Power Products are pioneers in product improvement. Thus, specifications may change without notice. Illustrations may include optional equipment.

# Options.

| ENGINE MODELS | QSF2.8 | B3.3NA B3.3T | B3.3TAA | QSB3.3 | B4.5 B4.5T | QSB4.5 | QSB6.7 | QSC8.3 | QSL9 | QSM11 | QSX11.9 T4i | QSX15 | QSK19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ENCLOSURE | | | | | | | | | | | | | |
| Open Unit Available | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| Enclosed Unit Available | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NO | YES | NO |
| Full Enclosure | YES | S | S | S | S | S | S | S | S | S | NA | O | NA |
| ENGINE MOUNTING | | | | | | | | | | | | | |
| Baserail Engine Sub-Base Non-Isolated | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Baserail Engine Sub-Base Isolated | O | O | O | O | O | O | NA | NA | NA | O | NA | NA | NA |
| Baserail Engine Sub-Base – Extended for Clutch Support | NA | NA | NA | NA | NA | NA | O | O | O | O | NA | O | O |
| Baserail Engine Sub-Base – Special Isolated Side Load | O | NA | NA | NA | O | O | NA | NA | NA | NA | NA | NA | NA |
| COOLING SYSTEM | | | | | | | | | | | | | |
| Cooling System – Sucker; Includes radiator, fan, shroud, positive de-aeration tank, guarding, tubes | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Cooling System – Blower; Includes radiator, fan, shroud, positive de-aeration tank, guarding, tubes | O | O | O | O | O | O | O | O | O | O | O | O | O |
| Cooling System – Heat Exchanger; Includes heat exchangers, positive de-aeration tank, guarding, tubes | NA | NA | NA | NA | NA | NA | NA | O | O | NA | NA | NA | NA |
| Fuel Cooler added to cooling system | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | O | S |
| Coolant Level Sensor | S | NA | NA | S | NA | S | S | S | S | S | S | S | S |
| Stone Guard – Grill-Type | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Stone Guard – Serpentine-Type | O | O | O | O | O | O | O | NA | NA | NA | NA | NA | NA |
| INSTRUMENT PANEL | | | | | | | | | | | | | |
| Instrument Panel Mount – Open | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Instrument Panel – Electronic Display Includes display, key switch, run/idle switch, nine-pin J1939 diagnostic port and isolated panel within enclosed lockable box | S | NA | NA | S | NA | S | S | S | S | S | S | S | S |
| Instrument Panel – Electric Gauges Includes shutdown, oil-pressure gauge, coolant-temperature gauge, voltmeter, tachometer/hourmeter gauge, key switch, isolated panel within enclosed lockable box, engine preheat button (where applicable) and engine preheat lamp (where applicable) | NA | S | S | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Instrument Panel – Fault Lamps; Includes oil pressure and water temperature gauges, voltmeter and tachometer/hour meter gauges, key switch, run/idle switch, fault lamps and isolated panel within enclosed lockable box | NA | NA | NA | NA | NA | O | O | O | O | NA | NA | NA | NA |
| Instrument Panel – Includes exhaust temperature scanner, coolant shutdown, voltmeter, key switch, run/idle switch, ED3 display, electronic governor, relay blocks, fuse blocks and isolated panel within enclosed lockable boxes | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Instrument Panel – Mechanical Gauges, Murphy Shutdown | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Instrument Panel – NEMA Enclosure | NA | NA | NA | NA | O | O | O | O | O | O | NA | O | O |
| 12-Foot Extension Harness | O | O | O | O | O | O | O | O | O | O | O | O | O |
| 24-Foot Extension Harness | O | O | O | O | O | O | O | O | O | O | O | O | O |
| ELECTRICAL | | | | | | | | | | | | | |
| Electrical Wiring – 12-Volt | S | S | S | S | S | S | S | S | S | O | O | O | NA |
| Electrical Wiring – 24-Volt | NA | NA | NA | O | O | O | O | O | O | S | S | S | S |
| Engine Harness Option | S | NA | S | S | S | S | S | S | S | S | S | S | S |
| Heater Starting Aid (grid/glow plug) | S | NA | S | S | O | O | O | O | O | NA | S | NA | NA |
| AIR CLEANER | | | | | | | | | | | | | |
| Air Cleaner 25 g/cfm with Safety Element – Open Rear Mount | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Air Cleaner 25 g/cfm with Safety Element – Enclosed Top Mount | S | S | S | S | S | S | S | S | S | S | NA | S | NA |
| Air Cleaner 25 g/cfm with Safety Element – Enclosed Rear Mount | NA | O | O | O | NA | NA | O | O | O | O | NA | NA | NA |
| Restriction Indicator – Air Cleaner | S | S | S | S | S | S | S | S | S | S | S | S | S |
| EXHAUST SYSTEM | S | S | S | S | S | S | S | S | S | S | S | S | NA |
| LINEAR THROTTLE CONTROL | S | S | NA | O | S | O | O | O | O | O | O | O | O |
| POWER TAKE-OFF (PTO) | | | | | | | | | | | | | |
| Twin-Disc Clutch | NA | NA | NA | O | O | O | O | O | O | O | O | O | O |
| Clutch Support Plate | NA | NA | NA | NA | NA | NA | O | O | O | O | NA | O | O |
| DECALS AND PARTS MANUAL | S | S | S | S | S | S | S | S | S | S | S | S | S |
| PACKING/SHIPPING SKID | S | S | S | S | S | S | S | S | S | S | S | S | S |

| | QSK23 | QST30 | QSK38 | G5.9 | G5.9e | G8.3 | G8.3e | GTA8.3 | GTA8.3 SLB | QSL9G | G855 | G855e | GTA855 | GTA855e | KTA19GC | KTA19GC SLB | KTA38GC SLB | KTA38GC–E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | |
| | YES | YES | YES | YES | NO | YES | NO | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | NO |
| | NO | NO | NO | YES | YES | YES | YES | YES | YES | NO | NO | NO | NO | NO | NO | NO | NO | YES |
| | NA | NA | NA | S | O | S | S | S | O | NA | NA | NA | NA | NA | NA | NA | NA | S |
| | | | | | | | | | | | | | | | | | | |
| | S | NA | S | S | S | S | S | S | S | S | S | S | S | S | S | NA | S | S |
| | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | O | S | O | NA | NA | O | NA | O | O | NA | O | O | O | O | O | S | NA | NA |
| | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | | | | | | | | | |
| | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | NA |
| | O | O | O | O | O | O | O | O | O | O | O | O | O | O | O | NA | NA | S |
| | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | S | S | S | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | S | S | S | NA | NA | NA | NA | NA | O | O | NA | NA | NA | NA | S | S | NA | S |
| | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | NA |
| | NA | NA | NA | O | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | | | | | | | | | |
| | S | S | S | S | NA | S | NA | S | O | S | S | S | S | S | S | NA | NA | NA |
| | S | S | S | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | NA | NA | NA | NA | S | NA | S | NA | S | S | NA | S | NA | S | NA | NA | NA | NA |
| | NA | NA | NA | S | NA | S | NA | S | NA | NA | S | NA | S | NA | S | NA | NA | NA |
| | O | O | O | O | NA | O | NA | O | NA | NA | O | NA | O | NA | O | NA | NA | S |
| | O | O | O | O | NA | O | NA | O | NA | NA | O | NA | O | NA | O | NA | NA | NA |
| | O | O | O | O | NA | O | NA | O | NA | NA | O | NA | O | NA | O | NA | NA | NA |
| | | | | | | | | | | | | | | | | | | |
| | NA | NA | NA | S | NA | O | NA | O | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | S | S | S | NA | S | S | S | S | S | S | S | S | S | S | S | NA | NA | S |
| | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | NA | S | S |
| | S | NA | S | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | S |
| | | | | | | | | | | | | | | | | | | |
| | S | S | S | S | NA | S | S | S | S | S | S | S | S | S | S | S | NA | |
| | NA | NA | NA | S | S | S | S | S | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | NA | NA | NA | NA | NA | NA | NA | NA | S | NA | NA | NA | NA | NA | NA | NA | S | |
| | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | |
| | NA | NA | S | S | S | S | S | S | S | S | O | S | O | S | NA | NA | S | |
| | O | O | O | S | O | S | O | S | O | O | S | O | S | O | S | NA | NA | |
| | | | | | | | | | | | | | | | | | | |
| | O | O | NA | O | O | O | O | O | O | O | O | O | O | O | O | O | O | |
| | O | O | NA | NA | NA | O | NA | O | O | NA | O | O | O | O | O | O | O | |
| | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | |
| | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | |

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