



# Cummins Custom Pak

# EVERY SOLUTION.

Model	Description	INTERMITTENT RATING			WATER MANAGEMENT RATING		
		Horsepower	kW	RPM	Horsepower	kW	RPM
CPAK-A1400	Mechanical	31	23	2800	-	-	-
CPAK-A1700	Mechanical	37	28	2800	-	-	-
CPAK-A2000	Mechanical	45	34	2800	-	-	-
CPAK-A2300	Mechanical	50	37	2800	-	-	-
CPAK-A2300T	Mechanical	60	45	2800	-	-	-
CPAK-B3.3NA	Mechanical	65	48	2600	50	37	2200
CPAK-B3.3T	Mechanical	85	63	2600	70	52	2200
CPAK-4B	Mechanical	76	57	2500	72	54	2200
CPAK-4BT	Mechanical	100	75	2500	91	68	2200
CPAK-4BTA	Mechanical	125	93	2200	111	83	2000
CPAK-6B	Mechanical	115	86	2500	102	76	2200
CPAK-6BT	Mechanical	152	113	2500	140	104	2200
CPAK-6BTA	Mechanical	177	132	2500	160	119	2200
CPAK-QSB	Quantum	240	179	2500	190	142	2200
CPAK-6CT	Mechanical	210	157	2200	180	134	2100
CPAK-6CTA	Mechanical	260	194	2200	220	164	2100
CPAK-QSC	Quantum	300	224	2200	280	209	2000
CPAK-M300	Mechanical	300	224	2100	274	204	1800
CPAK-M350	Mechanical	350	261	2100	314	234	1800
CPAK-QSM11	Quantum	400	298	2100	360	268	1800
CPAK-N14	Mechanical	475	354	2100	425	317	1800
CPAK-QSX15	Quantum	540	403	2100	510	380	1800

**Features and Benefits:** Dependable product, clean designs, fuel efficient, heavy duty cooling package, heavy duty section base, heavy duty 2-stage air cleaner with safety element, integral industrial silencers, mounted Murphy instrumentation panels, total package warranted by Cummins.

**Options:** Sucker or blower configuration fans. Standard or extended mounting bases. Industrial or Irrigation control panels.

**Warranty:** Industrial Cover 3381321, Everywhere 3624570



**NEW SOUTH WALES**  
 Grafton – (61-2) 6641 1000  
 Newcastle – (61-2) 4964 8466  
 Queanbeyan – (61-2) 6297 3433  
 Tamworth – (61-2) 6765 5455  
 Wetherill Park – (61-2) 9616 5300  
 Leeton – (61-2) 6953 3077  
 Muswellbrook – (61-2) 6541 0611  
 Wollongong – (61-2) 4227 2444

**QUEENSLAND**  
 Cairns – (61-7) 4035 2999  
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 Emerald – (61-7) 4982 4022  
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 Pooraka – (61-8) 8368 4300  
 Mount Gambier – (61-8) 8725 6422  
 Port Lincoln – (61-8) 8683 1967

**TASMANIA**  
 Devonport – (61-3) 6424 8800  
 Hobart – (61-3) 6263 5766

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 Dandenong – (61-3) 9706 8088  
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 Swan Hill – (61-3) 5033 1511  
 Wodonga – (61-2) 6024 3655  
 Campbellfield – (61-3) 9357 9200  
 Mildura – (61-3) 5022 0800

**WESTERN AUSTRALIA**  
 Bunbury – (61-8) 9725 6777  
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 Karratha – (61-8) 9144 4646  
 Perth – (61-8) 9475 8777

**NORTHERN TERRITORY**  
 Darwin – (61-8) 8947 0766

**NEW ZEALAND**  
 Auckland – (64-9) 277 1000  
 Bay of Plenty – (64-7) 345 6699  
 Christchurch – (64-3) 348 817  
 Dunedin – (64-3) 477 8818  
 Palmerston North – (64-6) 356 2209

[www.cummins.com](http://www.cummins.com)

**Cummins Custom Pak**

All are built with the strength and reliability that have made Cummins a leader for over 85 years. And all are fully backed by Cummins parts and service network - the world's largest. So you can spec Cummins power with complete confidence. Every Time.

## Cummins "Custom Pak"

Because it's modular, the Cummins Custom Pak greatly simplifies specifying and ordering your power unit.

It employs the standard Cummins engine range from 31-horsepower through to 540-horsepower and then offers a range of matching major components. This enables you to specify and order your Cummins Custom Pak unit "off-the-shelf" and brings to you a number of significant advantages.

You have a choice of either mechanical or electronic engines that have been integrated into a package designed specifically for the harsh Australian environment.

All major components – cooling systems, mounting arrangements, instrumentation, air cleaners and mufflers – are compatible. They can be mixed and matched in a wide range of combinations to provide the performance, operating and installation characteristics your application requires.

With assistance from your local Cummins branch or dealer, you choose the appropriate components for your application, and we build a Custom Pak to your specification. It's prompt and cost efficient, it speeds up delivery and keeps the costs down. It delivers maximum flexibility.

And because each Cummins Custom Pak is a fully integrated system, you know that the entire package meets the Cummins standards and can be fully serviced and maintained by any Cummins authorised location throughout Australia and New Zealand.



## Quantum System Electronic Engines

Cummins Quantum System engines use proprietary electronic controls to manage everything from fuel delivery and power curve shaping, to protection features and data management. All are designed to work with a common set of application and diagnostic software to simplify engineering installation as well as servicing. These Quantum System engines deliver exceptional durability in the world's most demanding work sites.

### QSB (240 hp)

The Quantum B Series engine combines full-authority electronic controls with the reliable performance you've come to expect from the Cummins B-Series workhorse. The electronics in the QSB5.9 have been proven in our high-horsepower products – working in the harshest environments – like dusty, non-stop mining operations. The combination of improved airflow and evenly dispersed fuel results in increased power, improved transient response and reduced fuel consumption. No matter how tough the work environment is, the QSB5.9 is tougher.

### QSC (300 hp)

The QSC8.3 is equal to your task. It has advanced electronics, higher torque, better throttle response, increased fuel economy, decreased noise, diagnostic and prognostics, engine protection and more. Bearings have more surface area to handle higher loads with greater durability and reduced friction in the power cylinders means longer life and increased power output. From the structurally reinforced block to the stiffened gear housing, the QSC8.3 is built stronger to last longer. The QSC has every base covered.

### QSM (400 hp)

One of the highest productivity engines on any job site today, the high-capacity QSM11 electronic control system provides superior fuel economy with strong engine performance, engine protection and other programmable features. Articulated steel pistons deliver 30% longer life, while a combination full-flow and bypass oil filter reduces maintenance. The QSM high-pressure injection system and electronic controls ensure clean, powerful and efficient operation - every time.

### QSX (540 hp)

The Cummins QSX combines an advanced dual overhead cam design with proven Cummins heavy-duty components. The result is dependable performance without compromise, every hour of every work day. The dual overhead cam design allows optimum combustion efficiency and the advanced design meets U.S. Tier 2 emissions standards. The high pressure injection system and electronic controls of the QSX15 ensure clean, powerful and efficient operation - every time.



## Cummins Diesels with Mechanical Controls

At Cummins, we develop the right technology for each application. In many applications, we meet the demand for fuel efficient, clean and dependable power without the use of electronic controls. Our vast experience with sophisticated mechanical fuel injection systems results in engines that work reliably and efficiently, even in the most remote locations.

### A Series (31-60 hp)

The high displacement and power output of the A-Series engines offers big power in a small cost-efficient package. All five engines in the range feature single-side service, PTO attachment points, and a low-noise signature. These features, coupled with Cummins legendary standards for reliability and durability, result in superior performance every day, every month and every year.

### B3.3 (65-85 hp)

The Cummins B3.3 is the most reliable engine in its class, without question. The naturally aspirated B3.3 reaches up to 48-kW (65-hp), while the wastegate turbocharged version boosts the output to 63kW (85hp). Proven mechanical fuel injection delivers low fuel consumption as well as low emissions. Customers expect rugged durability and reliability from a Cummins engine – and the B3.3 delivers, every time.

### B Series (76-177 hp)

The 4 and 6 cylinder B-Series is our most popular engine ever and has made a lot of customers very satisfied over the years. The B-Series delivers optimised performance across the power band with a choice of naturally aspirated, turbocharged, or turbocharged/aftercooled configurations available. The unitised block design of this power plant, with mechanical fuel injection means that there are 40% fewer parts than traditional diesels. And fewer parts mean great reliability.

### C8.3 (210-260 hp)

The C-Series is packed with features that help it outperform any other engine in its size and weight range. In fact, the compact C-Series is defining a new class of engine with its heavy duty features and performance. We've competitively priced the C-Series with other comparable engines, but we've also given the engines a long list of heavy-duty design features. You can expect this engine to be on the job for the long haul.

### M11 (300-350 hp)

Our unique Step Timing Control (STC) injectors, higher injection pressures and a swirl-port head, optimize the M11's fuel / air mixture - the result: combustion is faster and more complete, giving you more energy with every power stroke. Every part within the M11 has been carefully designed to maximise this power... and make it last. Over 30% of the cost of running an engine is spent on fuel, so you can really save money on a compact, fuel efficient Cummins M11. The M11 works hard for your money.

### N14 (475 hp)

Cummins engines have been handling the toughest jobs – under the worst conditions – for over 85 years. The base N14 is equipped with the STC fuel system, a hydro-mechanical system that varies the length of the injection stroke to advance injection timing at light engine loads and lower speeds. Simple and effective, STC has been proven in Cummins diesels for years. The Cummins N14 delivers on performance, fuel economy, reliability and durability, all in a leaner, cleaner-burning diesel. Simply put, you get more value for your dollar.

**Base Warranty:** Every Cummins industrial engine is covered by Cummins 3-step warranty, one of the most comprehensive and simplest plans anywhere. There are just three easy steps:  
Step One: Full coverage on all Cummins industrial Custom Pak and branded components with unlimited hours during the first year of operation. This includes Cummins branded electrics such as alternators, starters, etc.  
Step Two: Full coverage is extended for the second year, up to 2,000 hours of operation. Total hours are cumulative from the time the Custom Pak goes into service.  
Step Three: Major engine components coverage including block, crankshaft, camshaft and rods on all products for the third year, or up to 10,000 hours of operation.\*Total hours are cumulative from the time the engine goes into service.  
See Bulletin 3381321 for details. \*Cummins A series engines have major components coverage for 3 years or 3,000 hours, whichever comes first.

**Everywhere:** Wherever your equipment operates, the Encompass engine protection plans cover it. With options that include three to five years of extended coverage for most Cummins industrial engines. Unlike plans offered by other diesel manufacturers, Encompass gives you a choice of hourly or unlimited plans, and options that include parts only, parts and service, or parts, service and travel coverage. It doesn't matter where your Cummins-powered equipment is going to be used, Cummins Encompass has you covered, around the clock and around the globe.  
See Bulletin 3624570 for details. \*Encompass extended cover is applicable to the engine only.