

DEFINING TOMORROW

C509



C509

With features primarily designed to provide years of trouble free service, the Kenworth C509 proves itself daily in some of the roughest and toughest environments on earth. The C509 can be configured for very high GCM mining and off road application including remote road train, heavy haulage and mining service operations.



ADR 80/03 - THE NEW AUSTRALIAN EMISSIONS STANDARD

For the C509 the emission solution employed to meet ADR 80/03 in the 2011 model range powered by Cummins ISX and Signature engines is cooled Exhaust Gas Recirculation (EGR).

Kenworth is introducing a Cummins Particulate Filter as part of the engine package. The Cummins Particulate Filter, which replaces the existing vehicle muffler, reduces particulate emissions by 90% from ADR80/02 levels and is designed to last the life of the engine.

Kenworth's application engineering process has delivered an optimised solution that integrates EGR seamlessly across the high horsepower engine options. So as well as being highly efficient and low maintenance the EGR emission solution has little or no impact on payload and efficiency. Kenworth customers get the emission compliance they need with the proven performance and reliability of engines they know and trust – all with the back up of our renowned local design and manufacturing capability and Australia wide support network.

EBSS - ELECTRONIC BRAKE SAFETY SYSTEM

At Kenworth, safety has always been a paramount consideration, and we continue to invest heavily in developing a safer working environment for road transport operators and other road users. All 2011 new model Kenworth's will be available with the latest Kenworth EBSS Safety Package. EBSS incorporates a variety of safety features including ABS, Drag Torque Control, Traction Control and ESP.

Kenworth EBSS has been designed to provide a class leading and reliable system for Australasia's unique road conditions and applications, and deliver better peace of mind for all road users. To learn more about these safety systems visit www.kenworth.com.au

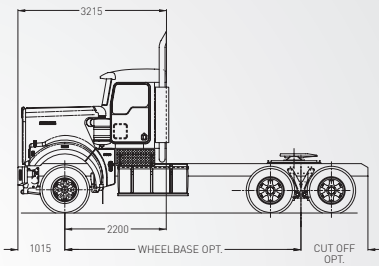
NEW FEATURES

The new C509 Kenworth features a wide range of important enhancements- from significant driver environment improvements to the new trim colours and additional safety features. New doors have been introduced with electric windows as standard, new heavy duty steel key, wider more comfortable arm rests and improved Heater, Ventilation and Air Conditioner Units to keep you warmer in winter and cooler in summer.

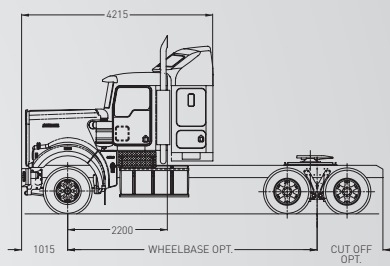
NEW DOORS



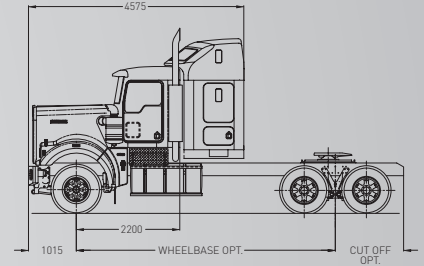
C509 DAY CAB



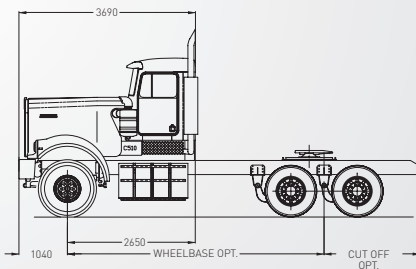
C509 915MM AERO II SLEEPER BOX



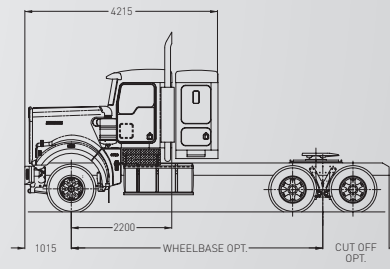
C509 1270MM AERO II SLEEPER BOX



C510 DAY CAB



C509 915MM FLAT ROOF SLEEPER BOX



MAIN SPECIFICATIONS AND OPTIONS

CONFIGURATION

- 6X4 **standard**
- 8X6 **optional**

ENGINE

- ISX EGR 485HP @ 1650LBFT TORQUE **standard**
- ISX EGR 485HP @ 1850LBFT TORQUE **optional**
- ISX EGR 500HP @ 1850LBFT TORQUE **optional**
- ISX EGR 525HP @ 1850LBFT TORQUE **optional**
- ISX EGR 550HP @ 1850LBFT TORQUE **optional**
- ISX EGR 600HP @ 1850LBFT TORQUE **optional**
- SIGNATURE 600HP @ 2050LBFT TORQUE **optional**

FRONT AXLES

- Dana E-14621 **standard**
- Meritor FG941 **optional**
- Meritor MFS73 **optional**
- Meritor FL941 **optional**

REAR AXLES

A range of heavy duty drive axle options from Dana and Meritor are available to suit various applications and GCM requirements.

- DANA DSH40P **standard**
- DANA D46-170 **optional**
- DANA D50-170 **optional**
- DANA D52-190 **optional**
- MERITOR RT40-145 **optional**
- MERITOR RT46-160 **optional**
- MERITOR RT50-160 **optional**
- MERITOR RT52-185 **optional**
- MERITOR RT52-380 **optional**

- MERITOR RZ78-188G TRI-DRIVE **optional**
- SPRC1927 **optional**
- SISU FR2P-32 TANDEM **optional**
- SISU FR3P-48 TRIDEN **optional**

SUSPENSION

- KENWORTH AIRGLIDE 400 **standard**
- KENWORTH AIRGLIDE 460 **optional**
- KENWORTH KW6-60A **optional**
- NEWAY AD246/10 **optional**
- NEWAY AD369/10 for TRIDEN **optional**
- HENDRICKSON R1000 **optional**

WHEELS

ALCOA AND STEEL RANGE OF SIZES

EXHAUST

- DPF MOUNTED UNDER CAB WITH SINGLE OR DUAL TAIL PIPES
- DFP MOUNTED IN CHASSIS WITH SINGLE OR DUAL TAIL PIPES

FRONT SPRINGS

- FRONT SPRINGS 7.2T MULTI LEAF **standard**
- FRONT SPRINGS 8.2T SLIPPER **optional**
- FRONT SPRINGS 9.1T SLIPPER **optional**

BUMPER

- PAINTED STEEL BUMPER WITH FUPS DEVICE

MIRRORS

- FLAT MIRRORS - HEATED **standard**
- SPOTTER MIRRORS BELOW MAIN **optional**
- PEEPER WINDOW LHS SPOTTER MIRROR **optional**
- FLAT MIRRORS - HEATED WITH MOTO MIRROR **optional**

TRANSMISSION

- EATON RTL016918B **optional**
- EATON RTL018918B **optional**
- EATON RTL020918B **optional**
- EATON RTL022918B **optional**
- Up to RTL018913A **optional**
- Up to RTL022918A-AS3 **optional**
- ULTRASHIFT PLUS
 - FO-16E318B-MXP **optional**
 - FO-18E318B-MXP **optional**
 - FO-20E318B-MXP **optional**
 - FO-22E318B-MXP **optional**

CABINS

Huckbolted aluminium frame with aluminium, steel and fibreglass rivetted construction using aerospace technology. Aluminium bulkhead type doors with continuous piano-type hinges. Cabs are ECE29 compliant.

INTERIOR

Cabin appointments including aircraft style instrumentation, colour coordinated trim, woodgrain dash and heavy duty studded vinyl available.



THE BEST DEALER NETWORK

Kenworth has built an extensive truck dealer network across Australia that is renowned for its professionalism and excellence in the heavy duty truck industry. The Kenworth dealer network also includes highly qualified dealers in New Zealand and Papua New Guinea.



For more information contact your local Kenworth Dealer or go to www.kenworth.com.au

IMPORTANT: The vehicles shown in this brochure are for illustrative purposes only and may include some non-standard optional equipment. All weights and measurements should be regarded as approximate only. For full details contact your Kenworth Dealer. In the interests of product improvement, Kenworth reserves the right to change these specifications without prior notice.

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