

C509 SPECIFICATIONS



CONFIGURATION

6 X 4	standard
8 X 4	optional

GCM

NOMINAL 97 TONNE LIMIT AND UP TO 250T BASED ON APPLICATION AND CONFIGURATION*
* Higher GCM ratings available subject to Application and Engineering approval.

SLEEPER

28" FLAT ROOF	optional
36" MID ROOF RECESSED BACK	optional
36" AERO ROOF RECESSED BACK	optional
36" AERO ROOF	optional
50" AERO ROOF	optional

SUSPENSION

FRONT - TAPER LEAF, MULTI LEAF / REAR - AIRBAG, MECHANICAL

TRANSMISSION

MANUAL & AUTOMATED MANUAL TRANSMISSION (AMT)

FRONT FRAME HEIGHT (F.F.H) mm

Front Spring	Tyres		
	11R22.5 R251	295/80 R22.5 R150-II	385/65 R22.5 R249
7.2T Multi	1088	1090	1102
8.2T Slipper	1091	1093	1105

REAR FRAME HEIGHT (R.F.H) mm

Rear Suspension	Tyres		
	11R22.5 M766	11R22.5 M822	275/70 R22.5 M749
Airglide 460	1063	1069	1013
Neway AD246/10	1050	1056	1000
Neway AD369/10	1049	1055	999

IMPORTANT NOTES

All frame height dimensions are to the top of the frame using 270mm rails.

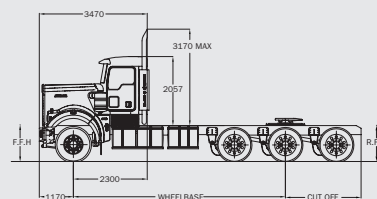
For illustration purposes different configurations have been used.

Variations will occur due to tare weight differences caused by optional equipment and fuel. Variations of +/- 25mm can be expected on heavy duty trucks.

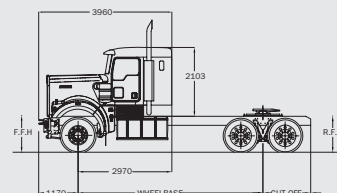
Heights have been calculated with the tyre in an unladen condition and unless specified Bridgestone tyres have been used in the calculations, variations will be caused by different tyre manufacturers.

For a wide range of options, contact your Kenworth Dealer.

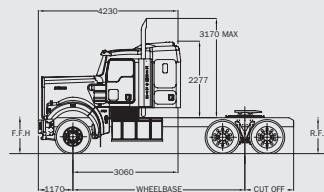
DAY CAB



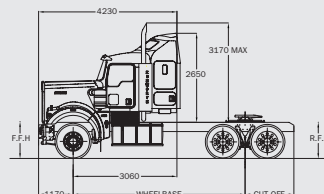
28" FLAT ROOF SLEEPER



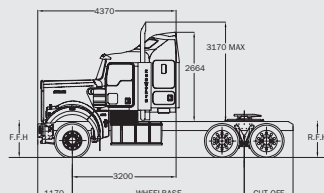
36" MID ROOF RECESSED BACK SLEEPER



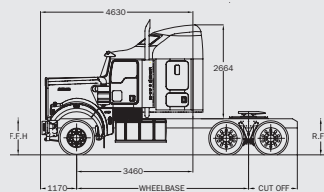
36" AERO ROOF RECESSED BACK SLEEPER



36" AERO ROOF SLEEPER



50" AERO ROOF SLEEPER



X15 CUMMINS ENGINE	
X15 EURO 5 - 485 HP @ 1650 LB-FT TORQUE	standard
X15 EURO 5 - 485 HP - 600 HP @ 1850 LB-FT TORQUE	optional
X15 EURO 5 - 600 HP @ 2050 LB-FT TORQUE	optional
EXHAUST	
EGP MOUNTED RIGHT HAND SIDE UNDER CAB	standard
EGP MOUNTED IN-CHASSIS	optional
100L 625MM DIA UREA TANK	standard
170L 625MM DIA UREA TANK	optional
300L 625MM DIA UREA TANK	optional
160L RECTANGULAR UREA TANK	optional
225L RECTANGULAR UREA TANK	optional
TRANSMISSION - MANUAL	
EATON RTLO20918B 18 SPEED, 2050 LB-FT TORQUE	standard
EATON RTLO22918B 18 SPEED, 2250 LB-FT TORQUE	optional
TRANSMISSION - AUTOMATED MANUAL TRANSMISSION	
ULTRASHIFT PLUS FO-20E318B-MXP 18 SPEED, 2050 LB-FT TORQUE	optional
ULTRASHIFT PLUS FO-22E318B-MXP 18 SPEED, 2250 LB-FT TORQUE	optional
FRONT AXLE	
DANA E-1462I - 6.6T GAWR	standard
DANA D-2000F - 7.3T GAWR	optional
MERITOR MFS66-122 - 6.6T GAWR	optional
MERITOR MFS73 - 7.3T GAWR	optional
MERITOR FL941 - 9.1T GAWR	optional
REAR AXLE	
DANA D46-170 - 20.9T GAWR	standard
DANA D50-170 - 22.7T GAWR	optional
DANA D52-190 - 23.6T GAWR	optional
DANA D52-190 WITH LAZY AXLE - 23.6T GAWR	optional
MERITOR RT46-160 - 20.9T GAWR	optional
MERITOR RT50-160 - 22.7T GAWR	optional
MERITOR RT52-185 - 23.6T GAWR	optional
MERITOR RT52-185 WITH LAZY AXLE - 23.6T GAWR	optional
MERITOR RZ78-188G TRI-DRIVE - 29.5T GAWR	optional
SISU FR2P-32 TANDEM - 32.0T GAWR	optional
SISU FR3P-48 TANDEM - 48.0T GAWR	optional

REAR SUSPENSION	
KENWORTH AIRGLIDE 460 - 20.9T GAWR	standard
KENWORTH KW6-60A - 18.5T OR 21T GAWR	optional
NEWAY AD246/10 - 20.8T GAWR	optional
NEWAY AD369/10 - 31.2T GAWR	optional
BRAKES	
DRUM	standard
DISC	optional
SAFETY SYSTEMS - ELECTRONIC BRAKE SAFETY SYSTEMS (EBSS)	
ABS - ANTILOCK BRAKING SYSTEM	standard
DTC - DRAG TORQUE CONTROL	standard
ATC - AUTOMATIC TRACTION CONTROL	standard
HSA - HILL START ASSIST*	optional
ACB - ACTIVE CRUISE BRAKING**	optional
TRM - TRAILER RESPONSE MANAGEMENT	optional
ESP - ELECTRONIC STABILITY PROGRAM	optional
CMS - COLLISION MITIGATION WITH AEB**	optional
LDW - LANE DEPARTURE WARNING**	optional
*Only available with Eaton UltraShift® PLUS Automated Transmission.	
**As part of Bendix Wingman Fusion	
WHEELS	
ALLOY 10 STUD	standard
FUEL TANKS	
RANGE OF PACKAGES AVAILABLE	
PAINT	
SINGLE COLOUR TO CAB	standard
UP TO 3 COLOURS 6 BREAKS	optional

Australian Kenworths are purpose-built. Each truck designed and manufactured for its intended task and to individual customer requirements. For a wide range of customised options contact your local Kenworth Dealer or go to **www.kenworth.com.au**

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