

C509

SPECIFICATIONS



CONFIGURATION	
6 X 4	<i>standard</i>
8 X 6	<i>optional</i>
GCM	
NOMINAL 97 TONNE AND UP TO 260 TONNE BASED ON APPLICATION AND CONFIGURATION*	
*Higher GCM ratings available subject to Application and Engineering approval.	
SLEEPER	
28" FLAT ROOF	<i>optional</i>
36" MID ROOF RECESSED BACK	<i>optional</i>
36" AERO ROOF RECESSED BACK	<i>optional</i>
36" AERO ROOF	<i>optional</i>
50" AERO ROOF	<i>optional</i>
60" AERO MODULAR ROOF	<i>optional</i>
SUSPENSION	
FRONT - MULTI LEAF AND SLIPPER / REAR - AIRBAG, MECHANICAL	
TRANSMISSION	
MANUAL & AUTOMATED MANUAL TRANSMISSION (AMT)	

FRONT FRAME HEIGHT (F.F.H) mm			
FRONT SPRING	TYRES		
	11R22.5 R168	295/80R 22.5 R154ECO	385/65 R22.5 R249
7.2t MULTI	1088	1090	1102
8.2t SLIPPER	1088	1093	1105

REAR FRAME HEIGHT (R.F.H) mm			
REAR SUSPENSION	TYRES		
	11R22.5 M822	11R22.5 M866	275/70 R22.5 M749
AIRGLIDE 460	1069	1063	1018
NEWAY AD246/10	1056	1050	1005
NEWAY AD369/10	1056	1050	1005

IMPORTANT NOTES:

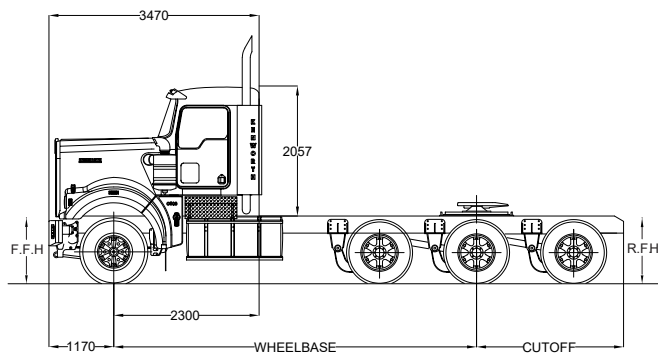
All frame height dimensions are to the top of the frame using 270mm rails.

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.

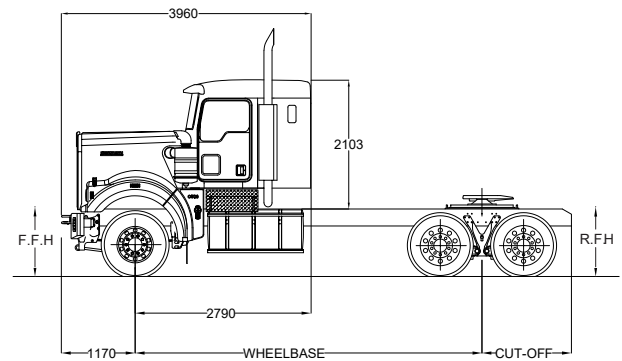
Heights have been calculated with the tyre in an unladen condition and unless specified, Bridgestone tyres have been used in the calculations, variations will be caused by different tyre manufacturers.

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

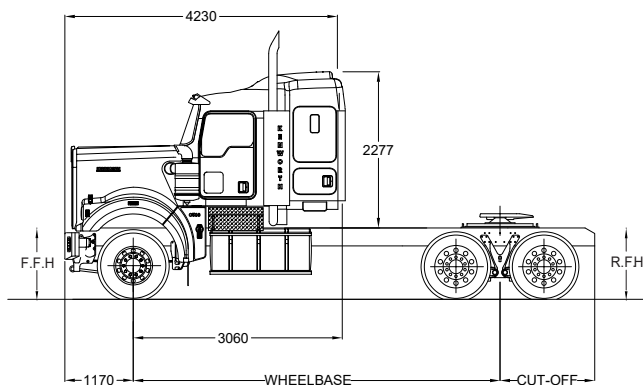
DAY CAB



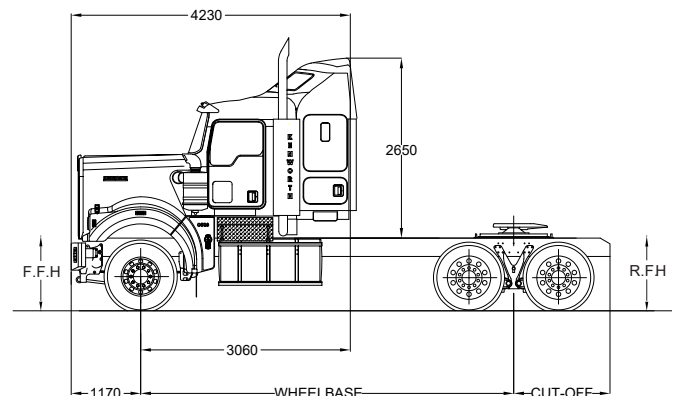
28" FLAT ROOF SLEEPER



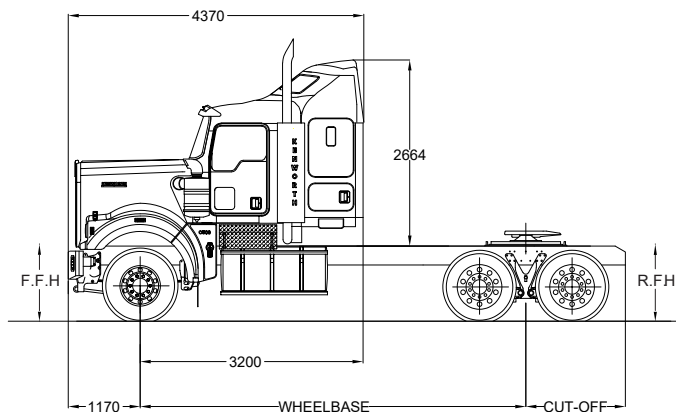
36" MID ROOF RECESSED BACK SLEEPER



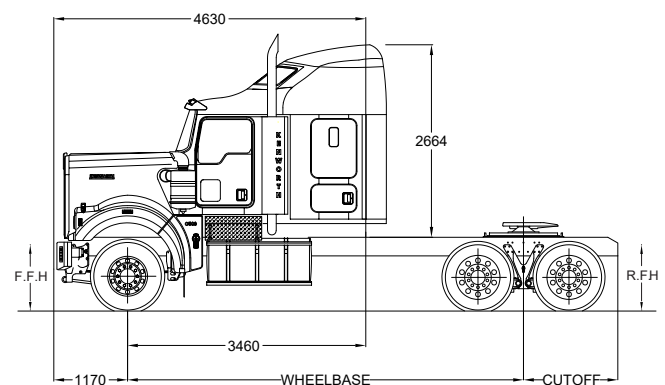
36" AERO ROOF RECESSED BACK SLEEPER



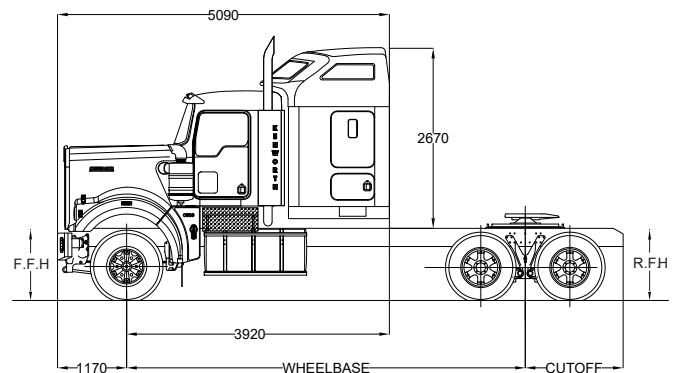
36" AERO ROOF SLEEPER



50" AERO ROOF SLEEPER



60" AERO MODULAR ROOF SLEEPER



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 kenworth.com.au

MAIN SPECIFICATIONS & OPTIONS

X15 CUMMINS ENGINE	
X15 EURO 5 - 485 hp, 1650 lb-ft TORQUE	<i>standard</i>
X15 EURO 3 - 500 hp - 600 hp, 1850 lb-ft TORQUE	<i>optional</i>
X15 EURO 3 - 600 hp, 2050 lb-ft TORQUE	<i>optional</i>
X15 EURO 5 - 485 hp - 600 hp, 1850 lb-ft TORQUE	<i>optional</i>
X15 EURO 5 - 550 hp - 600 hp, 2050 lb-ft TORQUE INTEGRATED POWER*	<i>optional</i>
X15 EURO 6 'PERFORMANCE' - 525 - 625, 1850 / 2050 lb-ft TORQUE	<i>optional</i>
X15 EURO 6 'EFFICIENCY' - 550 - 580, 2050 lb-ft TORQUE	<i>optional</i>
* On 550 hp only.	
EXHAUST	
EGP MOUNTED RIGHT HAND SIDE UNDER CAB	<i>standard</i>
EGP MOUNTED IN-CHASSIS	<i>optional</i>
SMA MOUNTED IN-CHASSIS	<i>optional</i>
EGP POST MOUNTED	<i>optional</i>
TRANSMISSION - MANUAL	
EATON RTL020918B 18 SPEED, 2050 lb-ft TORQUE	<i>standard</i>
EATON RTL022918B 18 SPEED, 2250 lb-ft TORQUE	<i>optional</i>
TRANSMISSION - AUTOMATED MANUAL TRANSMISSION (AMT)	
EATON ULTRASHIFT PLUS FO-20E318B-MXP 18 SPEED, 2050 lb-ft TORQUE	<i>optional</i>
EATON ULTRASHIFT PLUS FO-22E318B-MXP 18 SPEED, 2250 lb-ft TORQUE	<i>optional</i>
FRONT AXLE	
DANA E-1462I - 6.6t GAWR	<i>standard</i>
DANA D-2000F - 9.1t GAWR	<i>optional</i>
MERITOR MFS66-122 - 6.6t GAWR	<i>optional</i>
MERITOR MFS73 - 7.3t GAWR	<i>optional</i>
MERITOR MFS75 - 7.5t GAWR	<i>optional</i>
MERITOR FL941 - 9.1t GAWR	<i>optional</i>
REAR AXLE	
DANA D46-170 - 20.9t GAWR	<i>standard</i>
DANA D50-170 - 22.7t GAWR	<i>optional</i>
DANA D52-190 - 23.6t GAWR	<i>optional</i>
DANA D52-590FL	<i>optional</i>
DANA T78-190 TRI-DRIVE	<i>optional</i>
DANA T78-590FL TRI-DRIVE	<i>optional</i>
MERITOR MT21 - 20.9t GAWR	<i>optional</i>
MERITOR MT23 - 22.7t GAWR	<i>optional</i>
MERITOR RT52-185 - 23.6t GAWR	<i>optional</i>
MERITOR RZ78-188G TRI-DRIVE - 29.5t GAWR	<i>optional</i>
SISU FR2P-32 - 32t GAWR	<i>optional</i>
SISU FR3P-48 - 48t GAWR	<i>optional</i>

REAR SUSPENSION	
KENWORTH AIRGLIDE 460 - 20.9t GAWR	<i>standard</i>
KENWORTH KW6-60A - 18.5t OR 21t GAWR	<i>optional</i>
NEWAY AD246/10 - 20.8t GAWR	<i>optional</i>
NEWAY AD260/10 - 27.2T GAWR	<i>optional</i>
NEWAY AD369/10 - 31.2t GAWR	<i>optional</i>
NEWAY AD378/10 - 31.2T GAWR	<i>optional</i>
NEWAY AD390/10 - 40.8T GAWR	<i>optional</i>
HENDRICKSON PAX 462	<i>optional</i>
HENDRICKSON PAX 522	<i>optional</i>
BRAKES	
DRUM	<i>standard</i>
DISC	<i>optional</i>
SAFETY SYSTEMS	
ABS – ANTILOCK BRAKING SYSTEM	<i>standard</i>
DTC – DRAG TORQUE CONTROL	<i>standard</i>
ATC – AUTOMATIC TRACTION CONTROL	<i>standard</i>
ESP – ELECTRONIC STABILITY PROGRAM**	<i>standard</i>
HSA – HILL START ASSIST*	<i>optional</i>
TRM – TRAILER RESPONSE MANAGEMENT	<i>optional</i>
SOD – BLINDSPOTTER SIDE OBJECT DETECTION SYSTEM	<i>optional</i>
INTEGRATED ACTIVE SAFETY SYSTEMS	<i>optional</i>
ACB – ACTIVE CRUISE CONTROL WITH BRAKING	
LDW – LANE DEPARTURE WARNING	
CMS – COLLISION MITIGATION, INCLUDING:	
AEB – AUTONOMOUS EMERGENCY BRAKING	
HDW – HIGHWAY DEPARTURE WARNING WITH BRAKING	
MAEB – MULTI-LANE AUTONOMOUS EMERGENCY BRAKING	
* Only with Automated Manual Transmission (AMT).	
** Standard on 6x4. Exceptions apply depending on axle configuration/wheelbase/application.	
WHEELS	
ALLOY 10 STUD	<i>standard</i>
FUEL TANKS	
RANGE OF PACKAGES AVAILABLE	
ADBLUE	
100L 625MM DIA UREA TANK	<i>standard</i>
170L 625MM DIA UREA TANK	<i>optional</i>
300L 625MM DIA UREA TANK	<i>optional</i>
350L 625MM DIA UREA TANK	<i>optional</i>
160L RECTANGULAR UREA TANK	<i>optional</i>
225L RECTANGULAR UREA TANK	<i>optional</i>
PAINT	
SINGLE COLOUR TO CAB	<i>standard</i>
UP TO 3 COLOURS 6 BREAKS	<i>optional</i>

