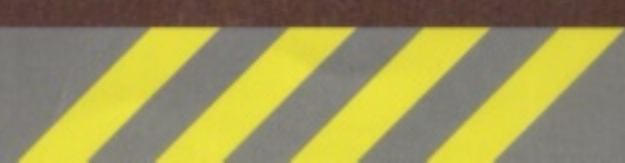


C501T

 **KENWORTH**



C501T

Australia is considered to be one of the world's harshest all-round environments for a truck.

From the brutal, corrosive salt pans of the west to the steamy mountain tracks of our northern forests, there are few countries on earth that offer so many ways to shorten a truck's life.

But, when it gets to its worst - when lesser vehicles have gone away to rust in pieces - you'll find the ultra-tough C501T is just starting to look for more.

The keys to success are custom-engineering, design excellence and build quality that only Kenworth knows how to apply.

Whether it's mud, mountains, salt pans, snow, dust storms or anything else, you can build a Kenworth C501T to beat it. What's more, your Kenworth 501T will continue on a whole-of-life cost basis that defies comparison.

Whatever your job, they don't come any more efficient or effective than a Kenworth. When you want the toughest of the tough, they don't come any better than a C501T.

STANDARD EQUIPMENT

ENGINE

Cummins N14-330STC 14.0 litre
246 kW at 1950rpm, 1828Nm at 1100rpm

Six-cylinder turbo-charged, air to air aftercooled. Spin-on oil filters and fuel filter

Electrical

12-volt lighting system, 12-volt starting system

Manual reset circuit breakers
130 Amp Prestolite brushless alternator
4 x Kenworth 12-volt 13-plate batteries

Cooling System

Cross Braced radiator with 0.79m² (1221 sq in) frontal area
Removable top and bottom tanks
Kenworth spin-on water filter
Horton Thermatic fan hub

Hood

Kenworth forward-tilting Unitglas hood with split fender assembly

Air Cleaner

Dual Donaldson Cyclopac
356mm dry type air cleaner, cowl mounted
Moulded rubber sleeves and stainless steel clamps at all connections

Exhaust System

Single vertical exhaust system, with 254mm muffler, stainless steel flex section for vibration isolation, and wide band seal clamps

TRANSMISSION

Main Transmission

Fuller RT 14710B, 10-speed direct twin counter-shaft

Clutch

Spicer angle spring, 394mm organic, coaxial, dampened hub clutch assembly
Manual adjusting clutch cover, greasable throwout bearing

Driveline

Spicer 1810 series dampened driveline with needle-bearing universal joints
Glidecote splined slip-joint

OPTIONAL EQUIPMENT

Engines

Cummins N14 (246 to 448kW)
Detroit Series 60 (239 to 336kW)
Caterpillar 3406 (231 to 343kW)
All engines are turbo charged, and available in performance or economy ratings

Engine Equipment

Jacobs engine brake
Air start
Fuel Haul kit

Air Cleaners

Dual Donaldson air cleaners

Exhaust System

Dual exhaust system

Transmission

Fuller Roadranger, 9- to 18-speed
Spicer, 7- to 20-speed
Direct or overdrive
Allison Automatic, 5-speed

Auxiliary Transmissions

Spicer 4-speed
Fuller 2-speed

Driveline

Centre bearing(s)





SUSPENSION/STEERING

Front Axle

Rockwell FG941Q, 6.6-tonne rated capacity
6-spoke cast hubs

Front Suspension

6000kg nominal capacity, rolled eye, constant rate leaf springs
Threaded steel pins and bushings
Shock absorbers

Steering System

Ross HFB70 integral gear, hydraulic power steering

Rear Axle

Eaton 51P single reduction, single-speed tandem axle with pressure lube inter-axle differential
18.1-tonne rated capacity
6-spoke cast hubs
Inter-axle differential lockout

Service Brakes

Front: Rockwell S-cam air brakes, 420mm x 127mm
Rear: Rockwell S-cam air brakes, 420mm x 180mm
Cast brake drums

Parking Brake

Dual axle, spring applied/air released

Rear Axle Suspension

Kenworth TBB-115 suspension
Two torsion bar springs, dual adjusting verniers, shock absorbers
17.0-tonne rated capacity

Tyres & Rims

Bridgestone R294 295/80R 22.5, 16-ply radial type (2 supplied)
Bridgestone M722, 11R22.5, 16-ply bias ply radial (8 supplied)
Mack 225 x 22.5 demountable tubeless rims (10 supplied)

CHASSIS CAB

Frame

Heat treated, 758MPa yield strength steel 257mm depth
Steel bumper with centre tow hitch
Aluminium gussets
Square rear of frame
Steel fifth wheel angles (undrilled) 1750mm

Cab

Conventional with a 3215mm bumper to back of cab dimension
Steel/aluminium frame with aluminium and fibreglass aircraft-type riveted construction
Aluminium bulkhead-type doors with continuous piano-type hinges

INTERIOR

Cab Features

KW Air air conditioner with integral defroster
Cab courtesy lights, and two adjustable ball lights
Exterior and interior sunvisors
Overhead console for radio and C.B. radio
Windscreen: Tinted laminated safety glass
Door windows: Tinted, heat-absorbing, tempered, safety glass, manual lift
Rear window: Laminated safety glass
Cab access grab handles, driver's and passenger's sides
Dual polished stainless steel framed, flat, heated rear-view mirrors
Dual air horns and single electric horn
Lap/sash safety belts

Seats

Driver: Bostrom 411 spring suspended driver's seat, upholstered in vinyl, with matching insert. Colour to match cab trim.
Tool box with side access flap and map pocket under seat.

Passenger: Kenworth steel toolbox seat with foam padding, upholstered in vinyl, with matching fabric insert. Toolbox with side flap, under seat

Instruments

Electronic speedometer (with odometer) and tachometer, Engine oil pressure and water temperature gauges
Voltmeter and electric fuel gauge

Cab Trim

Walnut Diamond Pleat studded vinyl cab trim
Full floor mat, black loaded vinyl

OTHER

Accessories

Cigarette lighter and one ashtray
Dual electric operated variable speed windscreen wipers, heavy duty non-glare arms and parking control
Windshield washers, ducted to wiper arms
Kenworth Operator's Parts Catalogue
Customised Maintenance Manual and Driver's Handbook
Two spare switches
Five bus-type marker lights
Dual stop and tail lights/backup lights
Dual Quart halogen headlights
Front mudflaps (thermoflex), behind front wheels
Rear mudflaps (thermoflex)
Wheel wrench and cross-brace
Hydraulic jack, 10-tonne capacity

Air Equipment

Cummins 7.1 l/s air compressor
Semi-trailer kit, includes tractor protection valve, coiled air lines, light line (7-pin male plug). Hose-tenna located at rear of cab
Wire braided air lines in frame
Thermoplastic air lines in cab

Warning Devices

Air reservoir pressure gauges
Warning light clusters in main console
Low air pressure warning light and buzzer
High beam indicator light
High water temperature/low oil warning light
Inter-axle differential warning light

Fuel Tank and Battery Box

Two 350 litre, 625mm diameter aluminium fuel tanks with two extruded aluminium steps and steel brackets, chrome-plated steel fuel tank straps. Located under cab on right and left-hand sides. Aluminium battery box with acid-resistant hold-down and tray, aluminium cover, located under cab on left-hand side. Tool box located under cab on right-hand side.

Brightwork

Full perforated polished stainless steel muffler shield

Paint

One solid colour Dulux Acran for hood and cab
One solid colour Dulux Acran for chassis

Front Axle

Rockwell FL941Q 9.1-tonne capacity

Front Suspension

6.500kg Constant rate multi-leaf
8.200kg multi-leaf slipper spring

Steering System

Dual Ross HFB70 (for use with FL941Q)

Rear Axles

Single- or dual-drive
Rockwell or Eaton
11.000kg single axle capacity
17.3- to 29.5-tonne dual axle capacity
Wide range of ratios

Rear Axle Suspension

Kenworth, Hendrickson or Reyco
11-tonne single axle capacity
17.3t. to 27.0t. dual axle capacity

Tyres

Premium brands to customer requirements

Frame

273mm steel
Full strength chassis inserts
Tractor taper rear of frame, heavy duty towing crossmember
Fifth wheel to customer's requirements

Cab

Separate sleeper compartment (915mm), with walk-through access from cab
Separate Aerodyne sleeper compartment (915mm), with walk-through access from cab
60" Aerodyne with Ox Blood trim and air conditioning

Instruments

Electronic Tachograph
Exhaust Pyrometer
Oil temperature gauges
Engine hour meter
Air Cleaner restriction gauge

Cab Trim

Selection of colours in vinyl

Accessories

AWA Clarion AM-FM radio-cassette
Fog lights
Driving lights
Grakon utility spotlights

Seats

Seats Inc Road-Pro

Air Equipment

Thermoplastic air lines in frame

Warning Devices

'Murphy' low oil pressure, high water temperature, high oil temperature switch gauges.
'Murphy' low water level indicator with buzzer.

Fuel Tank

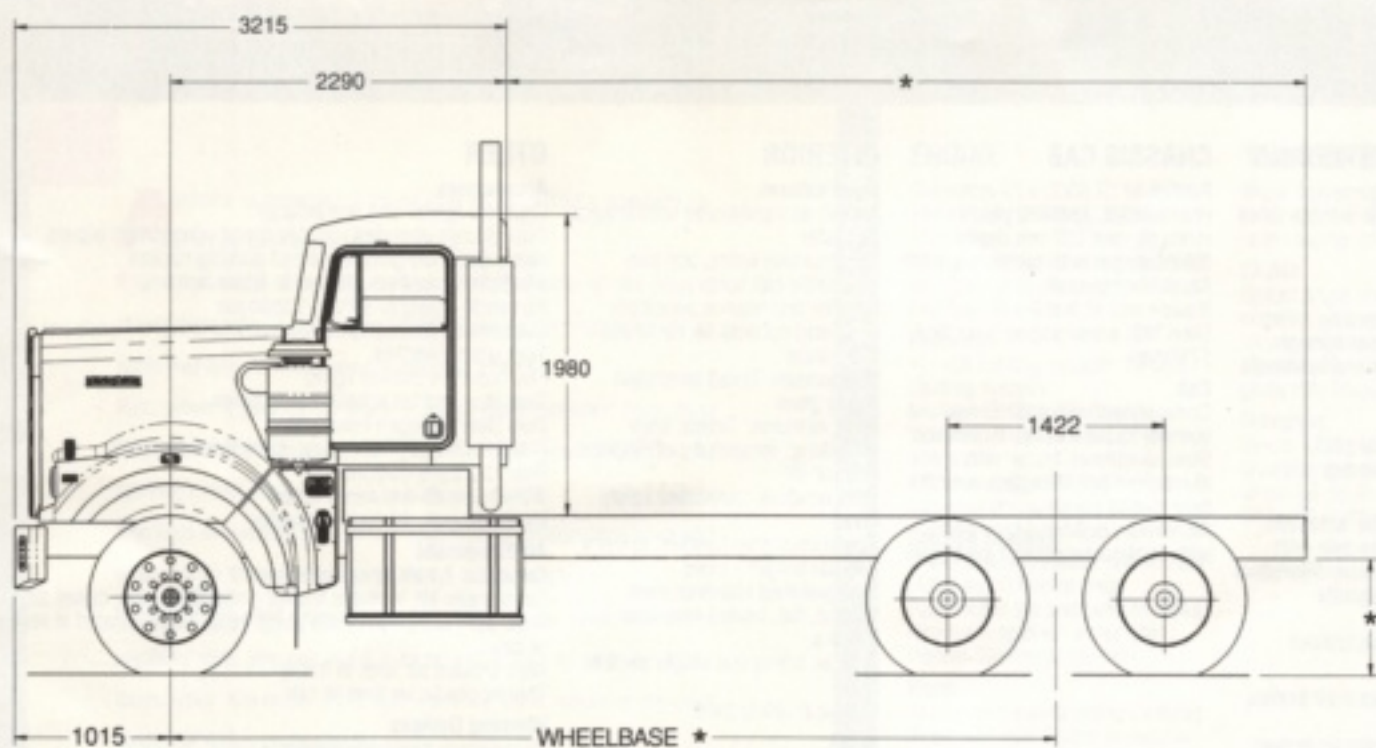
Aluminium or steel 625mm tanks 230 to 450 litre capacity

Trailer Connections

Full truck/trailer connections
Combined semi/full truck connections

Paint

Painted to customer's requirements in up to four colours



YOUR DEALER

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



KEN 619 3M 500 A.C.N. 004 660 987