

T900

 **KENWORTH**



T900

The new Kenworth T900 is the new king of the road, with power to rule and rugged good looks that proclaim its superiority. Its potent silhouette conceals the latest engine technology and state-of-the-art truck engineering. Most importantly, the T900 is designed and manufactured in Australia, so it's ready, willing and able to take our rugged operating conditions in its stride.

The T900 Classic is designed for the operator who spends long hours in his truck, carving out a business in the toughest industry of them all. Inside the wide cab, comfort and control are the keynotes. You have stacks of room behind the wheel and swift, sure control via the ergonomically designed instrument and control panel. You have the best integrated air conditioning we could find... a choice from the best seats in the industry... a unique and handsome pleated and buttoned trim... a luxurious sleeper cab with bulkhead doors for optimum strength... taper leaf front springs for a softer ride without sacrificing road feel - these are just a few of many features. The T900 goes all the way.

Tough construction and the latest, sophisticated electrical system and control systems combine to deliver rugged reliability. Add a unique front frame designed specifically for Australian conditions and you are assured that Kenworth's traditional commitment to serviceability and quality has reached new heights.

Rugged good looks, real muscle and tough dependability, the T900 is a great all-round business proposition.

STANDARD EQUIPMENT

ENGINE

Cummins Diesel N14 330STC
14 litre
246kW at 1600RPM, governed revs
1950RPM. 1831Nm at 1100RPM.
Six cylinder in-line Turbocharged,
aftercooled. Spin-on oil and fuel
filters.

Electrical

12-volt lighting system, 12-volt
starting system.
Four 12-volt, 13-plate Kenworth
batteries with rubber pad under
batteries.
Manual circuit breakers.
130-Amp Prestolite alternator.

Cooling System

0.79m² (1221 sq in) frontal area
radiator with crossbraced ultrafuse
core. Removable top and bottom
tanks. Kenworth spin-on water
filter.
Horton thermatic fan clutch.

Hood

Kenworth forward tilting Unitglass
hood assembly.

Air Cleaners

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

Exhaust System

Single vertical exhaust system
with curved outlet and 254mm
muffler, stainless steel flex section
for vibration isolation, and wide
band seal clamps.
Full perforated polished stainless
steel muffler shield.
Exhaust height 3780mm.

TRANSMISSION

Main Transmission

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

Clutch

Spicer angle spring, 390mm
ceramic coaxial dampened hub
clutch assembly (16kN plate load)
Manual adjusting clutch cover, with
greasable throwout bearings.

Driveline

Spicer 1810 series driveline with
needle bearing universal joints.
Glidecote splined slip-joint and no
centre bearing.

OPTIONAL EQUIPMENT

Engines

Cummins N14 CELECT
Detroit Series 60 DDEC II.
Caterpillar 3406B ATAAC. Refer
Kenworth dealers for more
information.
All engines are turbocharged and
aftercooled.

Engine Equipment

Cummins and Caterpillar electronic
engine management packages.
Jacobs engine brake.
Air start.
Cruise control.

Exhaust System

Dual exhaust system.

Transmissions

Fuller Roadranger, 9- to 18-speed.
Spicer 12- to 20-speed.
Direct or overdrive.

Driveline

Centre bearing.





INTERIOR

Cab Features

Insulation in cab roof, rear panel and firewall.
 Kenworth air-conditioner with integral adjustable defroster.
 Cab courtesy lights, one in each door and cab interior light with one non-directional lens and two adjustable ball lights.
 External and internal right and left sunvisors.
 Rear window tempered safety glass.
 Left and right inside door locks.
 Windscreen: Tinted laminated safety glass.
 Door windows: Tinted, heat-absorbing, tempered safety glass, manual lift.
 Tilt out walnut burl instrument panels with Lexan backlit switch panels.
 Dash mounted heater and air-conditioner controls.
 Overhead radio console.
 Cab access grab handles, driver's and passenger's sides.
 Ribbed non-slip aluminium cab access steps, fuel tank mounted on left and right sides of the cab.
 Dual 406mm x 152mm polished stainless steel framed, flat heated rear view mirrors.
 Dual air and electric horns.
 Lap/shoulder safety belts.
 510mm soft touch two spoke steering wheel.

Seats

Driver: Bostrom 411 spring suspended, upholstered in vinyl, with matching fabric insert and side flap toolbox 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 electronic tachometer.
 Engine oil pressure and water temperature gauges.
 Voltmeter, electric fuel and air pressure gauges.

Cab Trim

Musket studded vinyl trim, including head lining.
 Full floor mat, black loaded vinyl.

OTHER

Accessories

Cigarette lighter and one ashtray.
 Dual electrically operated pantograph windscreen wipers with heavy duty non-glare arms, and parking control. Two speed with variable intermittent function.
 Windscreen washers, ducted to wiper arms.
 Kenworth Operator's Parts Catalogue, Customised Maintenance Manual and Driver's Handbook.
 Two spare live switches.
 Five bus-type marker lights.
 Dual stop and tail lights/backup lights.
 Front side marker lights.
 Key start switch.
 Dual round 175mm quartz halogen headlights, fender mounted.
 Directional signals with hazard warning function fender mounted.
 Front mudflaps (thermoflex), behind front wheel.
 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 on right hand rail.
 Wire braided air lines in frame.
 Thermoplastic air lines in cab.

Warning Devices

Warning light clusters.
 Air reservoir pressure gauges.
 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 mounted either side of the chassis beneath the cab.
 Each tank is mounted upon two steel support brackets and crossbraced.
 Aluminium battery box with acid resistant hold-down and tray, aluminium cover mounted in frame behind cab.

Paint

Cab interior painted low gloss black.
 One solid colour acran for hood, cab and frame.



SUSPENSION/STEERING

Front Axle

Rockwell FG941Q, 6.6t. rated capacity. Fitted with front axle shock absorbers, Chicago Rawhide oil seals and Malco 6-spoke cast hubs.

Front Suspension

6.0t. nominal capacity, rolled eye, taper leaf springs. 100mm wide x 1372mm long.
 Threaded steel spring pins and bushings.

Steering

Ross HFB70 integral gear hydraulic power steering.

Rear Axle

Eaton DS451P single reduction, single-speed tandem axle with inter-axle differential lube pump and 18.1 rated capacity Chicago Rawhide oil seals and Malco 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.
 Non-asbestos brake linings.

Parking Brake

Dual axle, spring applied/air released.

Rear Axle Suspension

Kenworth TBB-115 suspension.
 Dual rear axle suspension using two torsion bar springs with cast iron brackets and 17.0t. rated capacity.

Tyres and Rims

Front: Bridgestone R294, 295/80R22.5, 16-ply rated radial (2 supplied).
 Rear: Bridgestone R251, 11R22.5, 16-ply rated radial (8 supplied).
 Mackay 8.25" x 22.5" demountable tubeless rims 111.7mm offset (10 supplied).

CHASSIS CAB

Frame

Heat treated, 758 MPa yield strength steel 257mm frame depth.
 Forged aluminium gussets and extruded aluminium cross members.
 Square rear frame cut-off.
 Steel fifth wheel angles (undrilled) 1750 mm.
 Steel bumper, 810mm setting.

Cab

Conventional cab with a 3100mm bumper to back of cab dimension.
 Steel/aluminium frame with aluminium and fibreglass huckbolted and aerospace technology riveted construction.
 Aluminium bulkhead type doors with continuous piano-type hinges.
 External sunvisor.

Frame

273mm steel.
 Full and partial length steel frame rail inserts.
 Tapered rear cut-off with or without heavy duty towing cross member.
 Fifth wheel.
 Aluminium bull-bar.
 Fuel haul kit.

Cab

915mm aluminium and fibreglass conventional sleeper box with dutch door on left hand side.
 915mm Aerodyne sleeper cab with raised roof incorporating deluxe trim.

Instruments

Electronic tachograph, exhaust pyrometer, oil temperature gauges, engine hour meter, air cleaner restriction gauge and fuel filter restriction gauge.

Cab Trim

Selection of colours in vinyl.
 Road Pro Seats.

Accessories

AWA 4400E or 9000E AM-FM radio/cassette.
 Clarion 8402 AM-FM radio/cassette.
 Electrophone CB radio.
 Cab extenders.
 Fog lights, driving lights and unity lights.

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 Tanks

Aluminium 625mm tanks 250 to 450 litre capacity.

Trailer Connections

Full truck/trailer connections.
 Combined semi/full truck connections.

Paint

Painted to customer requirements in up to four colours with up to 10 colour breaks.

Front Axle

Rockwell FG941TQ, 6.0t. capacity.
 Eaton EFA 12F4, 6.0t. capacity.
 Rockwell FL941Q, 9.1t. capacity.

Front Suspension

7.0 tonne nominal capacity leaf springs.
 6.0 tonne taper leaf springs.

Rear Axle

Single and dual drive.
 Rockwell or Eaton.
 10.4t. single axle capacity.
 17.3t. to 27.2t. dual axle capacity.
 Wide range of ratios.

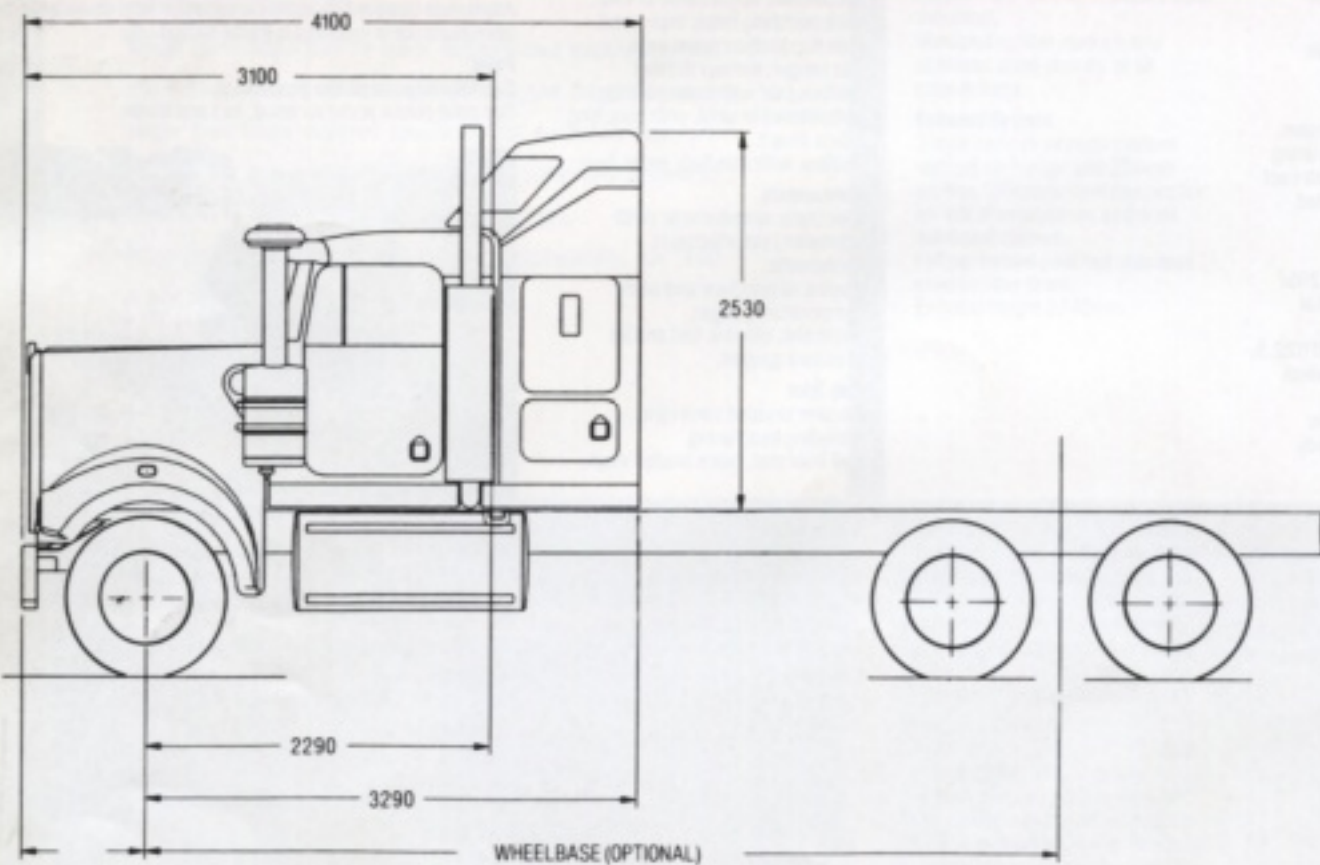
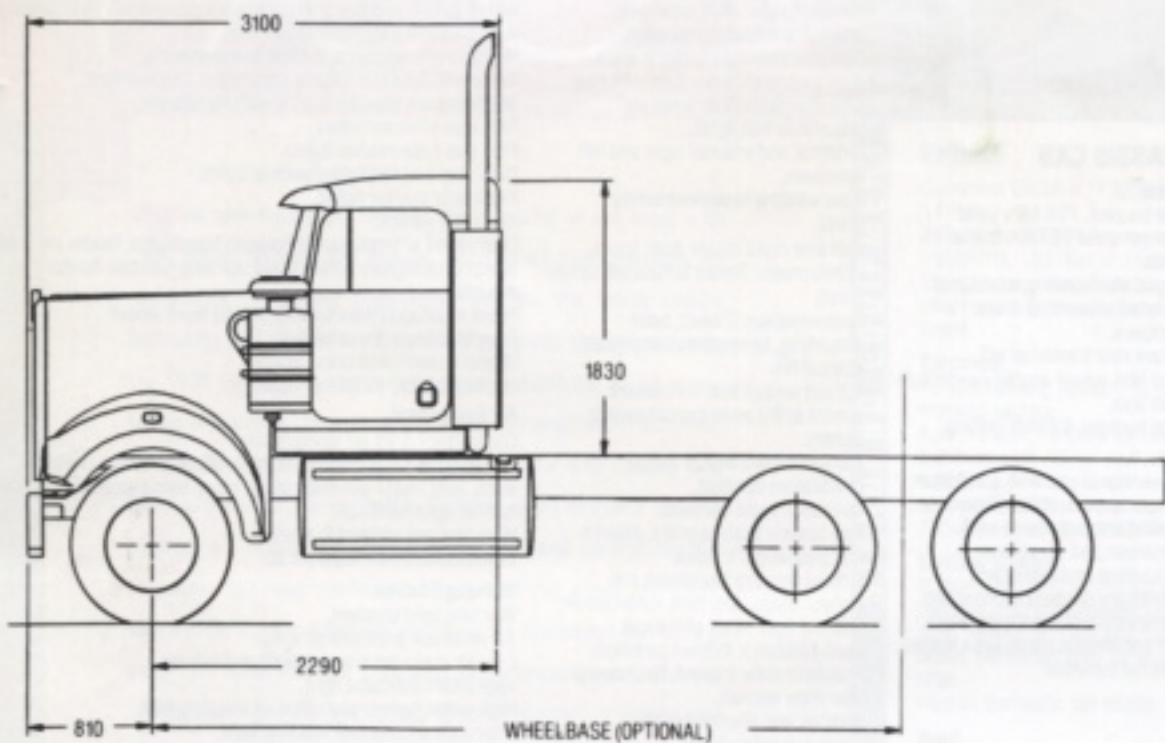
Rear Axle Suspensions

Kenworth, Hendrickson or Reyco.
 11 tonne single axle capacity.
 17.0t. to 25.0t. + dual axle capacity.

Tyres

Premium brands to customer requirements including low profile steel belted radials.
 Alcoa lightweight wheel equipment.





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.



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