

# T950



**KENWORTH**



# T950

**W**ith the new T950 the tradition continues. Here is the latest in a long line of traditionally-styled, classic Kenworths offering the best of Australian design and manufacture, and ready to take whatever this rugged country can throw at it.

The T950 is big, powerful and impressive but above all else, it's built to standards of quality that no-one else even comes close to matching.

It's designed for those who know that, whilst a Kenworth may come at an initial premium, the whole-of-life costs are as low as they come. That's why starting with the best actually makes good economic sense.

The T950 is state-of-the-art truck engineering without equal. The world's finest and most effective engine technology combines with the best driveline componentry that money can buy. Using the most sophisticated engineering techniques allows for cab noise reduction that is hard to believe.

The T950 goes all the way, when it comes to cab and sleeper construction and appointments too. The high mounted cab and sloping bonnet provides superior visibility for on-highway application. The T950 'office' is designed to ensure that driving is as easy and as comfortable as possible because then the driver is also as efficient as possible.

When you want big, tough performance, you'll be hard-pressed to find a better solution than a Kenworth T950. It's 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

0.79m<sup>2</sup> (1221 sq in) frontal area  
radiator with crossbraced ultrafuse  
core. Removable top and bottom  
tanks. Kenworth spin-on water  
filter  
Horton Thematic Fan Clutch

### Hood

Kenworth forward-tilting Unitglas  
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 3930mm

### 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 turbo-charged and  
aftercooled

### Engine Equipment

Cummins and Caterpillar electronic  
engine management packages  
Jacobs engine brake  
Horton fan clutch  
Air start  
Cruise control

### Exhaust System

Dual exhaust system

### Transmission

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

### Driveline

Centre bearing





## SUSPENSION/STEERING

### Front Axle

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

### Front Suspension

6.0-tonne 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 151P 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 17.0-tonne rated capacity

### Tyres & Rims

Front: Bridgestone R294 295/80R22.5, 16-ply radial (2 supplied)  
Rear: Bridgestone M722, 11R22.5, 16-ply rated radial (8 supplied)  
Mackay 8.25" x 22.5" demountable tubeless rims 111.7mm offset (10 supplied)

### 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 27.2t. and dual axle capacity

### Tyres

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

## 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) 1750mm  
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

## 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  
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/sash 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

### 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

## 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 crossbrace  
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 under cab on left-hand side.  
Tool box located under cab on right-hand side.

### Paint

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



### 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

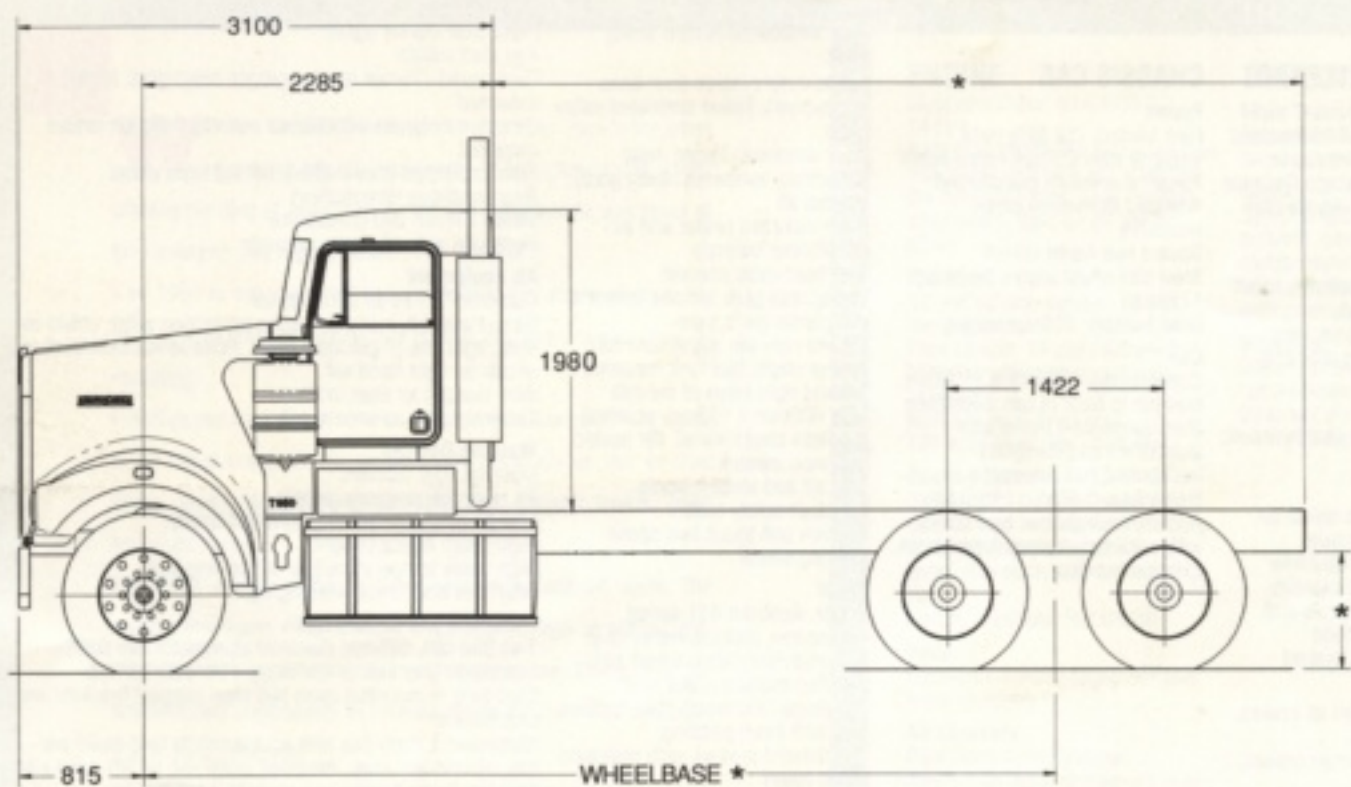
Aluminium 625mm tanks 250 to 450 litre capacity

### 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



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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