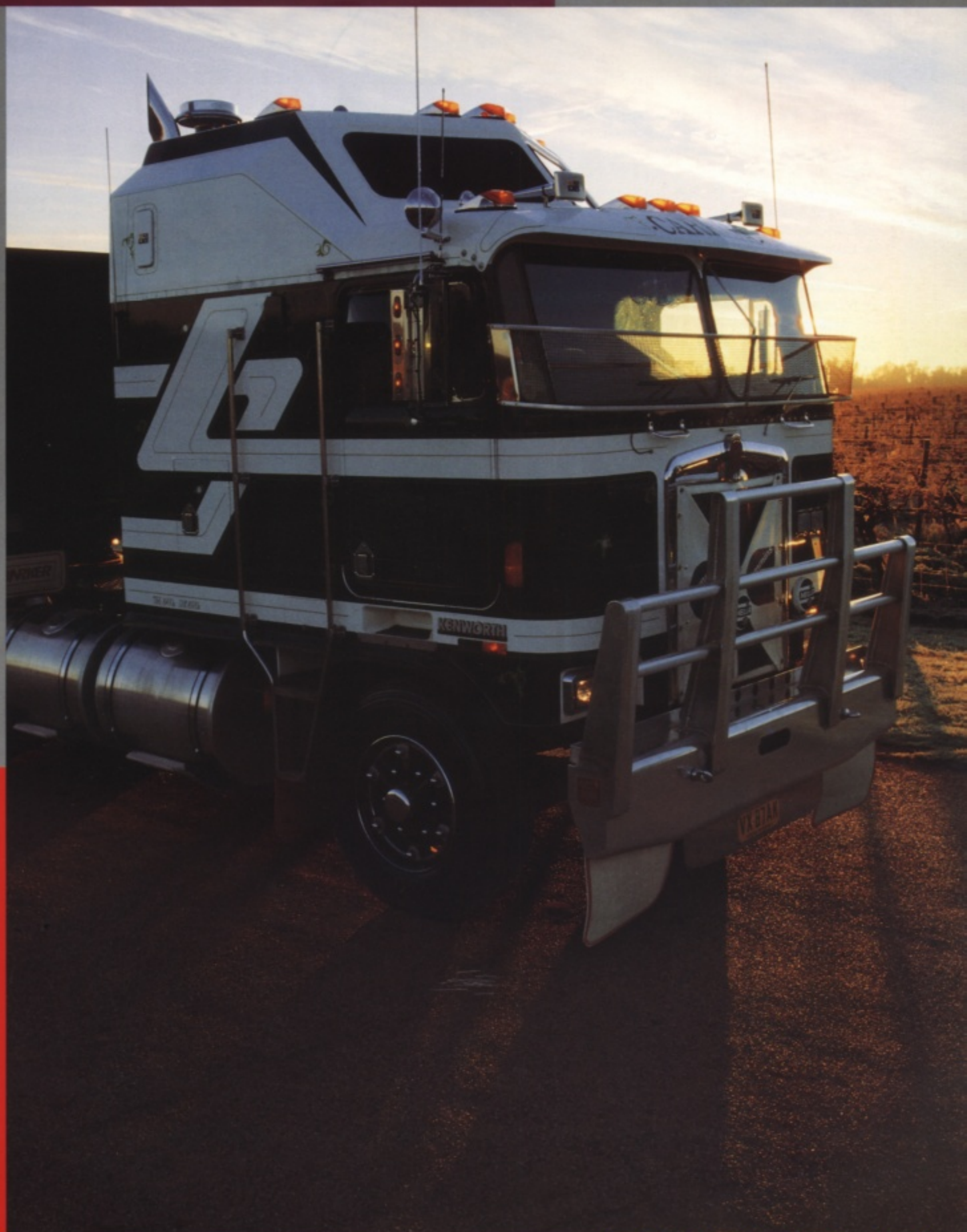
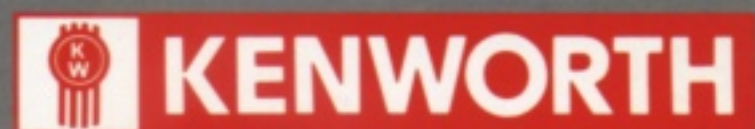


K1000E



K100E



L eading edge technology. Uncompromising performance. Outstanding driver comfort. It all adds up to make the Kenworth K100E the best cab-over on Australia's roads.

W hatever your application, the heavy duty K100E is packed with features that not only help you deliver the load, but deliver an improved bottom line for your business as well.

L ike the proven, long-life performance of the North American drive-line. Like electronic engines that deliver top fuel economy. Like increased wheel cut, longer front springs and a set back front axle. All standard on the K100E. All designed in, to make it the natural choice for B-double and 13.7 metre trailer combinations.

W e understand where your K100E will work. That's why we know you'll appreciate the brilliant manoeuvrability and tight turning circle of the K100E. And the K100E's superb steering that ensures excellent handling, even on the roughest terrain.

T ake a seat in the spacious cab. You'll find plenty of room to spare. Like extra space behind the wheel. The seats are ergonomically designed too, adjusting to every shape and size. When you're under way, Kenworth's Level-Ride cab suspension will keep you travelling smoothly, the way you expect.

Y ou'll also find Kenworth has added advanced technology and placed it right at your finger-tips. We've also designed the instrumentation to make it easier to read. And we've built in a sleeperbox closet, to help you on long hauls.

Y ou'll appreciate the enhanced safety features of the Kenworth K100E too. Like a large flat glass windscreen. Meaning you can see more of your workplace - the road ahead. And because it's made from laminated flat glass, replacement cost is a fraction of other windscreens.

A t night, the K100E will never leave you in the dark. Headlight luminance has been doubled and instrument lighting has been enhanced. Even the lockable tool boxes have their own lights. And there's no need to tilt the cab to make those daily checks either. Kenworth has added a front access door for these.

B ut improvements don't mean the K100E has lost any of the traditional quality features you expect in a Kenworth. Like long-life dependability and excellent resale value. And of course every K100E is backed by Australia's most professional national service and parts network.

S o if you're seeking the sort of superior performance, economy and reliability in a cab-over that will keep you in front of the competition and in control of your bottom line, you've found it.

T he brilliant Kenworth K100E.

B uilt down under to keep you on top.

STANDARD EQUIPMENT

ENGINE

Cummins Diesel PT 320 14 litre 239kW at 2100rpm 1559 Nm at 1300rpm.

Six-cylinder in-line Turbocharged, optimised aftercooled. Spin-on oil and fuel filters.

Electrical Equipment

12-volt lighting system, 24-volt starting system.

Automatic circuit breakers.

130-Amp Prestolite alternator.

4 x Kenworth 12-volt batteries.

Cooling System

0.87m² (1350 sq in) frontal area radiator with crossbraced ultrafuse core.

Removable top and bottom tanks. Kenworth spin-on water filter.

Air Cleaner

Single Donaldson Cyclopac 406mm dry type air cleaner, frame mounted on right side.

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 RT11709H, 9-speed direct, twin counter-shaft.

Clutch

Spicer angle spring, Easi-Pedal 390mm organic, coaxial, dampened hub clutch assembly. Manual adjusting clutch cover with greasable throwout bearing.

Driveline

Spicer 1710 series dampened driveline with needle bearing universal joints. Glidecote splined slip-joint.

OPTIONAL EQUIPMENT

Engines

Cummins In-line 6 - 239 to 330kW. (320 to 444hp).

Detroit Series 60 DDEC II In-line 6 - 261 to 336kW. (350 to 450hp).

Caterpillar In-line 6 - 242 to 317kW. (325 to 425hp).

All engines are turbocharged and aftercooled.

Engine Equipment

Cummins PACE and Caterpillar PEEC electronic engine management packages.

Jacobs engine brake.

Cummins "C" Brake.

Horton fan clutch.

Air start.

Fuel Haul kit.

Cruise control.

Air Cleaners

Dual 356mm Cyclopac air cleaners.

Single Donaldson 2500 air cleaner.

Exhaust System

Dual exhaust system.

Independent air intake and exhaust systems.

Transmissions

Fuller Roadranger, 9-to 18-speed.

Spicer spoiler, 12-to 20-speed.

Direct or overdrive.

Driveline

Spicer 1810 series.

Centre bearings.

Clutch

Ceramic.





SUSPENSION/STEERING

Front Axle

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

Front Suspension

6.0t. nominal capacity, rolled eye, constant rate leaf springs.
13mm top leaf heavy duty shock absorbers.
Threaded steel spring pins and bushings.

Steering

Ross HFB70 integral gear hydraulic power steering.

Rear Axle

Rockwell SP40G single reduction, single-speed, tandem axle with pressure lube inter-axle differential.
18.1 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.
Non-asbestos brake linings.

Parking Brake

Dual axle, spring applied/air released.

Rear Axle Suspension

Kenworth TBB-115 suspension.
Tandem rear axle suspension using two torsion bar springs and iron brackets.
17.0 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).

Front Axle

Rockwell FL941Q, 9.1t. capacity.
Rockwell FG941TQ, 6.0t. capacity.

Front Suspension

Twin steer - 11 or 13 tonne nominal capacity, load-sharing.
Threaded steel pins and bushings in springs and load-sharing rocker beam.

Rear Axles

Single or dual drive.
Rockwell or Eaton.
10.4 tonne single axle capacity.
17.3 to 29.5 tonne dual axle capacity.
Wide range of ratios.

Rear Axle Suspensions

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

Tyres and Rims

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 depth.
Gullwing bumper - chrome-plated steel.
Forged aluminium gussets.
Square rear of frame.
Steel fifth wheel angles (undrilled) 1745mm.

Cab

COE style sleeper with a 2280mm nominal bumper to back of cab dimension.
Steel/aluminium frame with aluminium and fibreglass huckbolted and aircraft-type riveted construction.
Aluminium bulkhead-type doors with continuous piano-type hinges.
810mm high density foam mattress.

INTERIOR

Cab Features

Kenworth 'Levelride' Front Cab Suspension.
Kenworth air conditioner with integral adjustable defrosters.
Cab courtesy lights, one in each door.
Exterior sunvisor and interior sunvisors (3).
Clothes closet on RHS of Sleeper.
Wrap around instrument console with backlit switch I.D. lights mounted on Lexan panel.
Overhead console for radio and C.B.
Windscreen: Laminated safety glass.
Door Windows: Tinted, heat-absorbing, tempered, safety glass, manual lift.
Cab access ladder, driver's and passenger's sides.
Dual 406mm x 152mm polished stainless steel framed, flat, heated rear-view mirrors.
Dual rectangular air and dual electric horns.
Lap/sash safety belts.

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 tachometer.
Engine oil pressure and water temperature gauges.
Voltmeter, electric fuel and air pressure gauges.

Cab Trim

Musket brown studded vinyl trim.
Full floor mat, black loaded vinyl.

Instruments

Electronic Tachograph.
Exhaust Pyrometer.
Oil temperature gauges.
Engine hour meter.
Air cleaner restriction gauge.
Fuel filter restriction gauge.

Cab Trim

Selection of colours in vinyl.
Black carpet.

Seats

Seats Inc. Road Pro driver's seat with matching companion seat.

OTHER

Accessories

Two cigarette lighters and two ashtrays.
Dual electric 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 switches.
Five square-section bus-type marker lights.
Dual stop and tail lights/backup lights.
Dual rectangular quartz halogen headlights.
Front mudflaps (thermoflex), behind front wheels.
Rear Mudflaps (thermoflex).
Wheel wrench and cross-brace.
Hydraulic jack, 10 tonne capacity.

Warning Devices

Warning light clusters in overhead console.
Dual air reservoir pressure gauge, dual needle.
Low air pressure warning light and buzzer.
High beam indicator light.
High water temperature/low oil warning light.
Inter-axle differential warning light.

Trailer Connections

Semi-trailer kit, includes tractor protection valve, coiled air lines, light line (7-pin male plug).
Hose-tenna located at rear of cab on adjustable crossmember.

Fuel Tank and Battery Box

One 350 litre, 725mm diameter aluminium fuel tank, with one extruded aluminium step and steel brackets, stainless steel fuel tank straps. Located under cab on right-hand side.
Aluminium battery box with acid resistant hold-down and tray, aluminium cover. Located under cab on left-hand side.

Brightwork

Full perforated polished stainless steel muffler shield.

Paint

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

Accessories

AWA Clarion AM-FM radio-cassette.
Electrophone CB radio.
Rudkin-Wiley Aerodynamic package incl. rear cab extenders.
Fog lights.
Driving lights.

Warning Devices

'Murphy' low oil pressure, high water temp, high oil temp.
'Switchgauges'.
'Murphy' low water level indicator with buzzer.

Trailer Connections

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

Fuel Tank

Aluminium 625mm or 725mm tanks, 230 to 570 litre capacity.

Paint

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



Technical drawing showing the side view of a truck chassis. Key dimensions include:

- Overall width: 2280
- Width at the base: 1630
- Cab height: 1980
- Front wheel offset: 920
- Distance from front wheel to front of chassis: 710
- Distance from front wheel to front of chassis (alternative measurement): 1360
- Wheelbase (optional): Indicated by a dimension line between the front and rear axles.
- Cutoff (optional): Indicated by a dimension line at the rear of the chassis.

*Non Sleeper Cab

Technical drawing of a truck chassis showing dimensions and optional configurations. The drawing includes the following dimensions and labels:

- Overall length: 2280
- Front overhang: 1630
- Cab height: 1980
- Wheelbase (optional): Indicated by a dimension line between the front and rear axles.
- Front wheel offset: 1380
- Front wheel spacing: 1520
- Rear wheel offset: Cutoff (optional)
- *Non Sleeper Cab

Technical drawing of a truck chassis showing dimensions:

- 2840 (Overall width)
- 2490 (Overall height)
- 920 (Front wheel offset)
- 1920 (Wheelbase)
- Cutoff (optional) (Rear wheel offset)

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.



KENWORTH

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