

T600A



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The extraordinary Kenworth T600A has changed the face of heavy-duty highway trucking in Australia for ever. It represents an era where aerodynamics has a far greater role in the way road transport operates.

Countless hours of wind tunnel testing on the T600A have resulted in a level of aerodynamic excellence never before achieved in a conventional truck. The dramatic appearance and sloping nose of the T600A is far more than a styling exercise - it represents an unprecedented level of fuel efficiency that in turn means more profit for the operator.

But improved aerodynamic efficiency is only the start of the story. Everywhere there are improvements and refinements which make the T600A more comfortable, more efficient, better performing and better looking.

And, as you'd expect the T600A offers all of the traditional Kenworth benefits of long life, serviceability, reliability, exceptional resale value and unmatched value for money.

You'll find that no detail, no matter how small, has been overlooked. Everywhere there is evidence of a dedication and devotion to engineering excellence that's all too rare in today's mass-produced world.

It's all a part of the spirit that is the Kenworth experience. In Australian-designed and built trucks, the bottom line is the Kenworth T600A, a major breakthrough in fuel economy, comfort, ride and style.

STANDARD EQUIPMENT

ENGINE

Cummins Diesel N14-PT 320, 14.0 litre displacement, 239kW at 2100 rpm, 1559 Nm (1150 ft lb) maximum torque at 1300 rpm. Six-cylinder, turbocharged, optimised aftercooled. Fleetguard integral spin-on fuel and oil filters.

Electrical

12-volt lighting system, 24-volt starting system. Four 12-volt, 13-plate Kenworth batteries with rubber pad under batteries. Automatic circuit breakers. 130 amp Prestolite alternator.

Cooling System

0.87² (1350 sq in) frontal area radiator with crossbraced ultrafuse core. Removable top and bottom tanks. Kenworth spin-on water filter.

Hood

Kenworth one piece, forward tilting Unitglass hood/fender assembly.

Air Cleaners

Single Donaldson 2500 dry type air cleaner, engine mounted under hood with cowl inlet. 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 RT11709H, 9-speed direct, twin counter-shaft.

Clutch

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

Driveline

Spicer 1710 series driveline with needle bearing universal joints. Glidecote splined slip-joint and no centre bearing.

OPTIONAL EQUIPMENT

Engines

Cummins in-line 6 - 239 to 331 kW (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.

Exhaust System

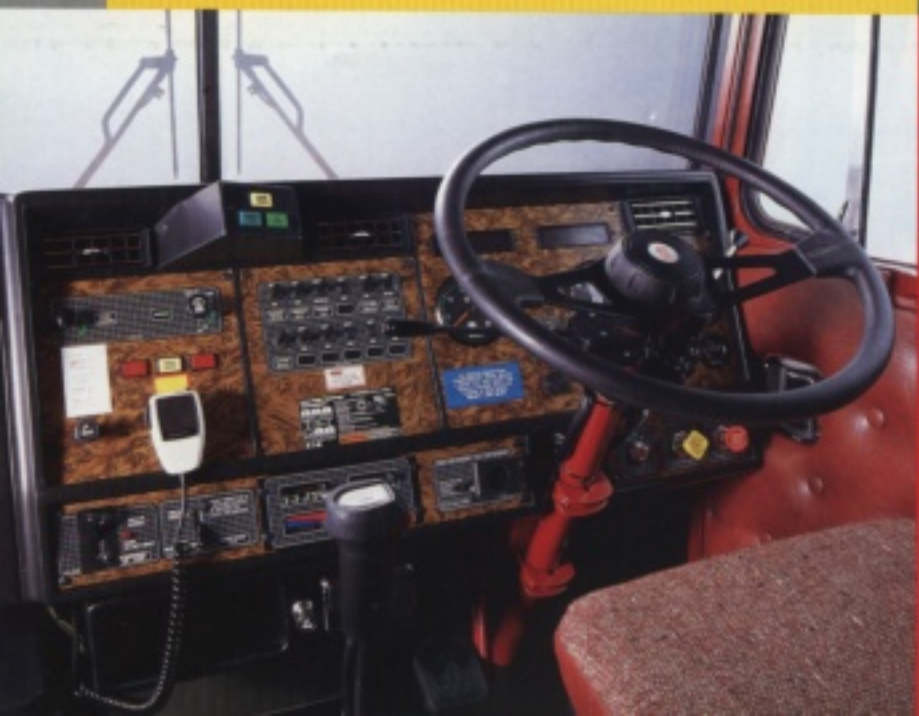
Dual exhaust system.

Transmissions

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

Driveline

Spicer 1810 series.
Centre bearing.





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, constant rate leaf springs, 13mm top leaf heavy duty shock absorbers, 100mm wide x 1626mm long. Threaded steel spring pins and bushings.

Steering

Rossmore 70 integral gear hydraulic power steering.

Rear Axle

Rockwell SP40G, single reduction, single speed, genaroid tandem axle with inter-axle differential lube pump and 18.1t 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).

Front Axle

Rockwell FG941 TD, 6.0t capacity. Eaton EFA 12F4, 6.0t capacity. Rockwell FL941Q, 9.1t capacity.

Front Suspension

6.6t 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.

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 frame depth.

Forged aluminium gussets and extruded aluminium cross members.

Square rear frame cut-off.

Steel fifth wheel angles (undrilled) 1745mm.

One-piece moulded polyurethane aerodynamic bumper.

Cab

Conventional cab with a 3050mm 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.

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.

Right and left sunvisors.

Rear window tempered safety

glass.

Left and right inside door locks.

Windscreen: 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.

Aerodynamic fuel tank skirts with

moulded cab access steps.

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, fuel level and air

pressure gauges.

Cab Trim

Musket studded vinyl cab trim,

including head lining.

Full floor mat, black loaded vinyl.

Armrest pads on doors.

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.

Black carpets.

Seats

Seats Inc. driver's seat with

matching companion seat.

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 rectangular 150mm x 100mm quartz halogen headlights,

aerodynamically faired into hood with perspex stone guard

covering.

Directional signals with hazard warning function

aerodynamically faired into hood.

Front mudflaps (thermoflex), behind front wheel.

Rear mudflaps (thermoflex).

Wheel wrench and cross brace.

Hydraulic jack, 10 tonne capacity.

Air Equipment

Cummins 6.2 l/s air compressor.

Semi-trailer kit, includes tractor protection valve, coiled air

lines, light line (7-pin male plug). Hose-tenna located at

RHS behind cab.

Wire braided air lines in frame.

Thermoplastic air lines in cab.

Warning Devices

Warning light clusters.

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.

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

crossbraced and enclosed by aerodynamic skirts.

Aluminium battery box with acid resistant hold down and tray,

aluminium cover mounted behind the cab on the left hand side.

Paint

Cab interior painted low gloss black.

One solid colour acran for hood, cab and frame.



Front Axle

Rockwell FG941 TD, 6.0t capacity. Eaton EFA 12F4, 6.0t capacity. Rockwell FL941Q, 9.1t capacity.

Front Suspension

6.6t 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.

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.

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.

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.



Accessories

AWA 4400E or 9000E AM-FM radio/cassette.

Clarion 8402RT AM-FM radio/cassette.

Electrophone CB radio.

Rudkin-Wiley aerodynamic package.

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 230 to 450 litre capacity.

Trailer Connections

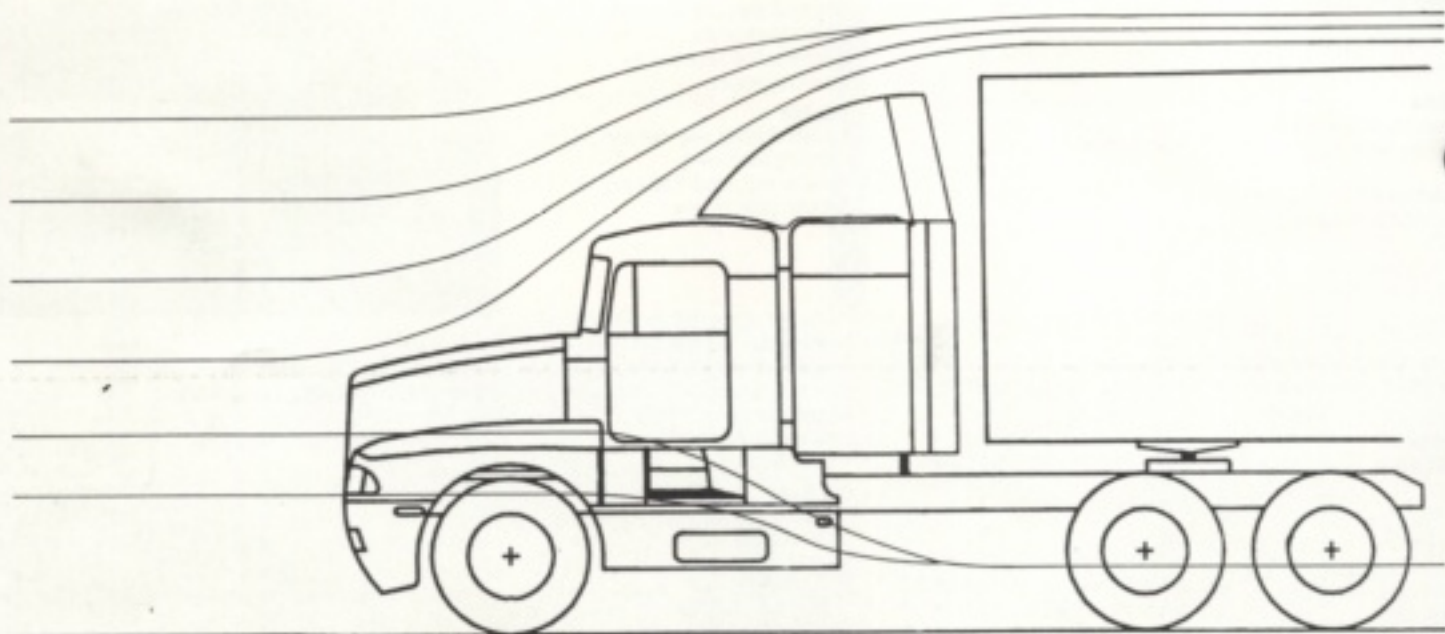
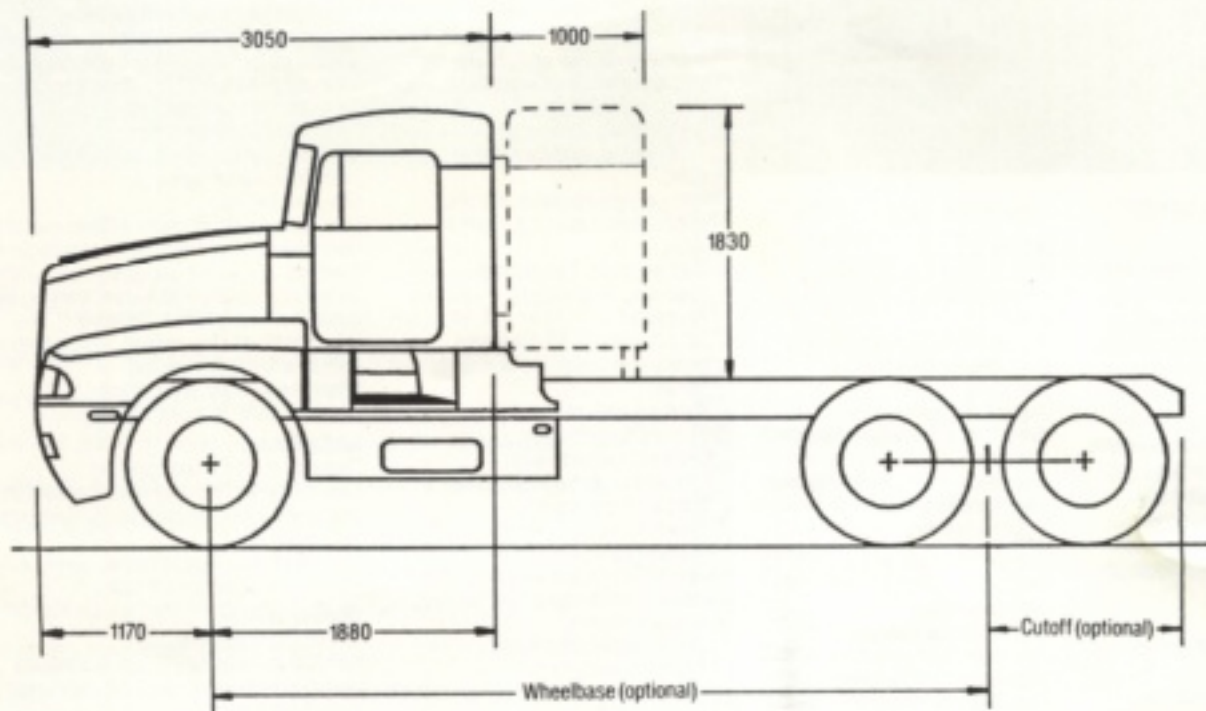
Full truck/trailer connections.

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.



KENWORTH

DKA-KEN 576 Cat No. 2263