



THE NEW GENERATION



◀ *Put the future to work* ▶

Put the future to work

Road transport is becoming more challenging by the day. Managing drivers, scheduling loads, updating customers, the demands of maintenance and compliance, constant interruptions. The distractions in business never stop.

What hasn't changed—what will never change—is the knowledge Kenworth brings to truck design. An understanding built on more than 50 years of listening to our customers' needs, application engineering to specification and locally manufacturing that guides the continuing evolution of the vehicles that carry our name.

We learn from the experiences of operators, drivers and those who know and evolve our trucks. Introducing technology only once its value and reliability are proven beyond question. Subjecting every improvement — large or small — to exhaustive testing via computer simulation and real-world validation. Never making change for change's sake.

Our new generation Kenworth T620 and T620SAR embody these principles. Simplifying life for drivers and operators, each model incorporates many enhancements and additional features, including new ADR 80/04 compliant engines, transmissions, safety features, and an updated interior layout.

Central to the dash layout is a new 15-inch high-definition instrument panel. Easy to read and intuitive to use, it helps reduce distraction by giving the driver control over the amount of information shown.

The new generation Kenworths are also the first to transform real-time inputs from onboard sensors into actionable insights to enable smarter decision making; putting the future to work for your business.

No more guesswork. For the first time drivers and operators can see exactly what's happening in their vehicles at every moment of every trip.



Knowledge is power

With the proven technology of PACCAR Connect harnessing data from the new generation Kenworths, you'll have the power to simplify every aspect of your business.

A fully integrated digital productivity and telematics platform, PACCAR Connect seamlessly links your operational staff, your drivers, and your Kenworth dealer in real time, logging and analysing the data generated by every onboard sensor.

Simplify your business

Whether you're behind the wheel or behind the desk, PACCAR Connect will equip you and your team with the insights needed to make smarter decisions and work with maximum efficiency.

Increase uptime

Critical truck systems are continuously monitored. On detection of a concerning trend or fault, the dashboard immediately displays detailed diagnostics to the driver. Operators also have access to these diagnostics, so severe faults can be discussed with the driver for informed, on the spot decision-making.

Work smarter not harder

Instantly analyse the performance of your overall operation, or drill down to specific trucks, routes, drivers or customers. Determine the real cost of every delivery with pinpoint accuracy, and price it accordingly.

Automate fuel tax claims

In partnership with KPMG, PACCAR Connect has the ability to offer end-to-end automation of fuel tax credit claims, eliminating time-consuming manual calculations. Claims made in this way are pre-approved by the ATO, reducing the risk of rejection and putting more money back in your hands faster. It's a truly valuable feature, available through PACCAR Connect.

Be alerted to safety issues

Emergency braking and potential rollover scenarios trigger instant alerts. PACCAR Connect can also generate customised lists to support operators and drivers with their daily pre-start inspections. These then highlight any issues to be reported back to operations for resolution. Keeping your trucks safer and on the road.

Experience enhanced support

The best network just got smarter. Your Kenworth dealer has the ability to access the same detailed information. Faster, better informed roadside assistance can be provided for major faults. Fixes for minor faults can be incorporated into your scheduled maintenance program. Maximised uptime for every truck is the result.

PACCAR Connect is proven proprietary technology, available exclusively for use on Australian made Kenworths. Embedded at the time of manufacture, its unique protocols and deep integration with major vehicle systems deliver capabilities beyond those of aftermarket solutions.

The new T620 and T620SAR

The first Kenworths to feature the 2.1m wide cab, the T610 and T610SAR were history-makers—two workhorses up for the toughest challenges that set the standard for driver environment and driver experience. With enhancements and additional features, the new generation T620 and T620SAR raise the bar once again.

Centred on the needs of the driver, the enhanced interior and internal architecture now features a 15-inch high-definition instrument panel, an 8-inch audio visual navigation unit with smartphone integration, wireless phone charging, and Smart Wheel enabling fingertip control of a wider range of functions and settings. Climate control dials are more accessible, and the external antennae re-positioned to maximise phone and UHF reception.

Safety has also been at the forefront of the T620 and T620SAR's evolution, enhancing protection for driver and other road users. Equipped with upgraded radar and camera systems, and the latest suite of Fusion active safety technologies, the T620 and T620SAR react to potential hazards faster but less intrusively, ensuring a more intuitive connection between driver and road.

Drivers can choose to be alerted to safety system interventions in real time via the dashboard, with the details also accessible through PACCAR Connect. Full-length exterior grab handles and puddle lights aid cabin ingress and egress, and with brighter LED headlights you can see more with less glare.

Versatile and aerodynamic, the T620 is suitable for virtually any application, and is ideal for line haul, including maximum payload 26m B-double and A-double configurations. The classically styled T620SAR is just as capable, with its set-forward front axle offering the added benefits of better weight distribution, greater on-road stability and the incorporation of larger fuel tanks.

Both models feature the Cummins X15 Euro 6 with power ratings up to 625hp and 2,050 lb-ft of torque now available at 1,000 rpm, giving you optimised performance, driveability and fuel consumption.

Features at a glance

ADR 80/04 compliant
Cummins X15 Euro VI engine
(485-625 hp, 1,850-2,050 lb-ft)

Eaton Endurant XD Pro 18-speed
automated transmission

6x4 and 8x4 configurations

Nominal 97 tonne GCM
(higher ratings available on request)

Latest generation
Fusion active safety suite

180° forward visibility

2.1m wide cabin options:
– Day cab
– 600mm aero roof sleeper
– 760mm mid-roof sleeper
– 860mm aero roof sleeper
– 1400mm aero roof sleeper

15-inch digital dashboard

8-inch Audio Visual
Navigation screen

Latest generation Smart Wheel

Apple CarPlay and
Android Auto enabled

Wireless phone charging

Full length external
safety grab rails

Puddle lights

Aerodynamic or West Coast
mirrors (T620SAR)

PACCAR Connect integration





