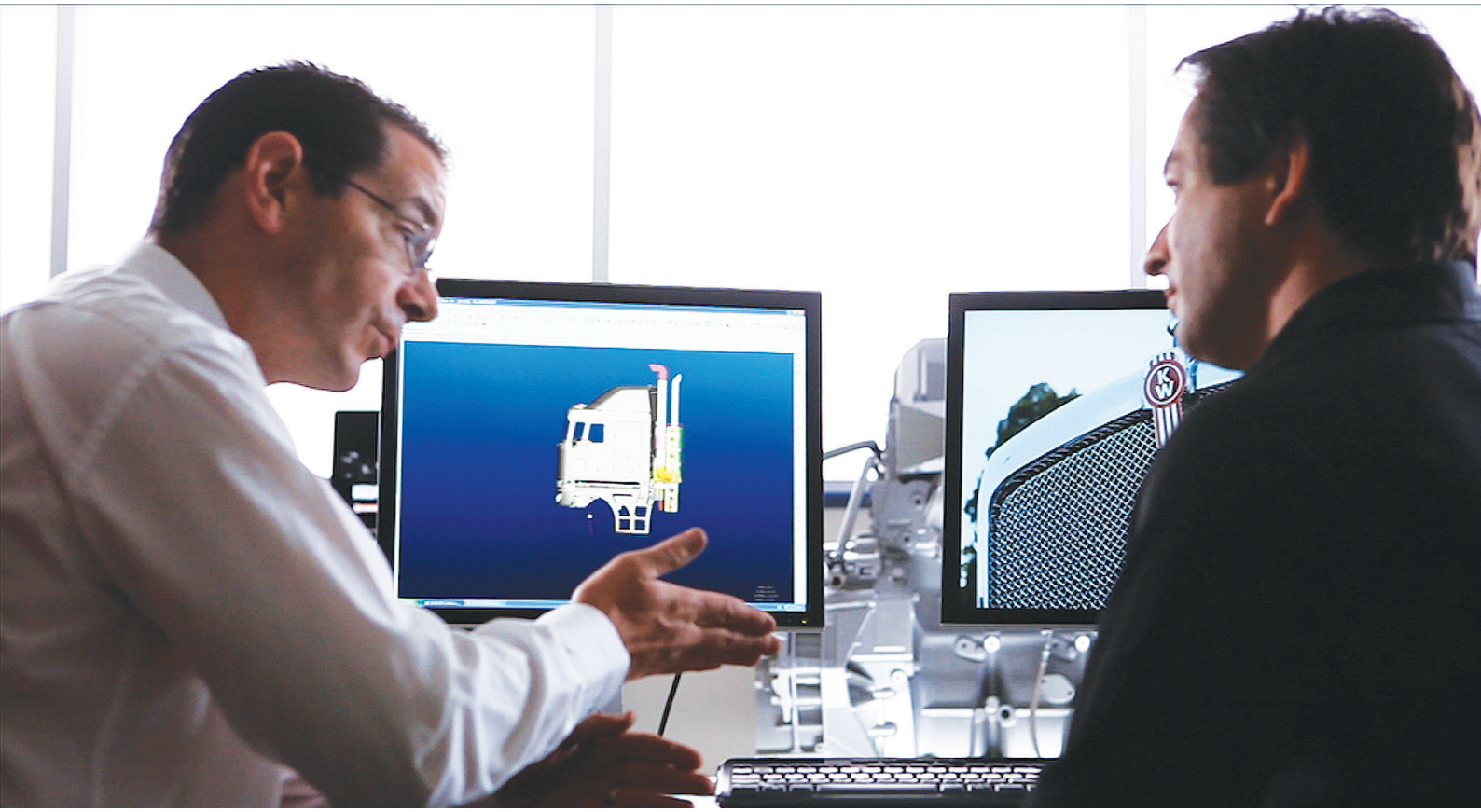


KENWORTH SAFETY BY DESIGN

You can feel secure in the knowledge the extensive testing, innovation and application engineering behind every Kenworth truck will deliver real peace of mind, on the road and on your balance sheet.

AUSTRALIAN MADE. WORLD'S BEST.

SAFETY IS EVERYTHING

WHEN IT COMES TO RIDING THE ROAD, SAFETY ISN'T JUST ONE MORE THING TO THINK ABOUT – IT'S EVERYTHING.

It's why we design and build every Kenworth cab using aircraft quality alloys for structural strength. It's why our trucks give you outstanding visibility – forward, back and all around. It's why we application engineer and manufacture here to suit local conditions and operations, put your controls within easy reach and balance all the components of your Kenworth with precision.

AN ONGOING COMMITMENT TO INNOVATION AND SAFETY

Kenworth's commitment to ongoing research, design and engineering capability demonstrates our flexibility in adapting new technologies as they come to the fore.

Kenworth tests numerous advancements to identify and incorporate into production the best innovations to improve safety, environmental performance and productivity.

New safety features are being developed all the time, and become available after extensive testing in Australian conditions to ensure they meet Kenworth's high standards of reliability and durability.

VISIBILITY

A large single piece curved windscreen offers a commanding view through non-distorting laminated glass. For added security and improved windscreen impact resistance, specify the Kenworth SafeTScreen.

Additionally, west coast or aerodynamic style rear vision mirrors are securely mounted to minimise vibration. Peeper windows and mirrors are also available to assist with reducing blind spots.

FRONT UNDERRUN PROTECTION SYSTEM (FUPS)

Designed to prevent a car from being trapped underneath the truck in the event of a frontal collision, factory fit FUPS are standard on all Kenworth models.

FUPS also helps to protect against any damage to the truck's steering, thus enabling the truck driver to stay in control.

ECE29 (CERTIFIED CAB STRENGTH)

Kenworth has the only test rig in Australia capable of testing to the internationally recognised cab strength standard ECEr/c29 and has obtained independent certification to those standards across the whole range of Australian-built Kenworths.

ELECTRONIC BRAKE SAFETY SYSTEMS (EBSS)

Extensively tested under the harshest Australian conditions and now available on all Kenworth models, Electronic Brake Safety Systems (EBSS) helps you stay in control, even when braking in an emergency.

ANTILOCK BRAKING SYSTEM (ABS) S

Prevents wheel lock-up when the vehicle is over braked, often reducing stopping distances. Vehicles can retain directional stability and steerability, even under emergency braking on slippery surfaces. ABS also reduces the danger of jackknifing in the case of vehicle combinations.

DRAG TORQUE CONTROL (DTC) S

Prevents the driven wheels from compression locking on a slippery surface by raising engine revs to assist with vehicle stability.

AUTOMATIC TRACTION CONTROL (ATC) S

Prevents wheel spin under acceleration as the drive torque exceeds the drive tyres to road surface adhesion. The ATC system communicates with the engine Electronic Control Unit (ECU) to reduce engine power or will apply the brakes to the drive wheels depending on the low traction event.

HILL START AID O

Prevents the truck from rolling back on steep grades, providing a consistent and controlled launch. Only available with Eaton UltraShift® PLUS Automated Transmission.

ACTIVE CRUISE WITH BRAKES (ACB) O

When cruise control is activated and the speed is set, ACB assists with managing a safe following distance and minimising collision risk by using on board computers and radar to engage the engine and wheel braking systems in the event a vehicle enters an unsafe driving distance from the truck.

TRAILER RESPONSE MANAGEMENT (TRM) O

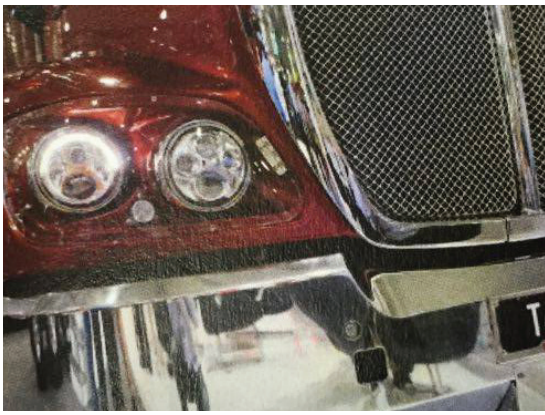
Electronic trailer brake actuation (for EBS-compatible trailers only) for improved trailer braking response to assist with reduced stopping distances.

S Standard O Optional

DRIVER SAFETY AND WELL BEING

Ease of operation and the comfort of the driver are imperative to maintain the safety of the load and to protect other road users. Kenworth Business Class interiors combine classic Kenworth styling with the highest standards of quality and safety in Cab design. The meticulously designed wrap-around dash provides an unobstructed view of gauges and easy access to vital switches and controls. Smart Wheel fingertip access for engine brake and cruise functions deliver further driver confidence, comfort and control.

Optional items to even further safeguard driver well-being include hood and bulbar tilt assist, which helps reduce the load for routine maintenance tasks, as do header tank sight glasses for critical level checks while keeping drivers planted to the ground. In addition, high visibility grab handles and seat belts, and enhanced illumination of step and landing areas increase visibility. The optional Active Cab Entry system provides greater peace of mind during cab access for applications requiring frequent cab entry and exit.

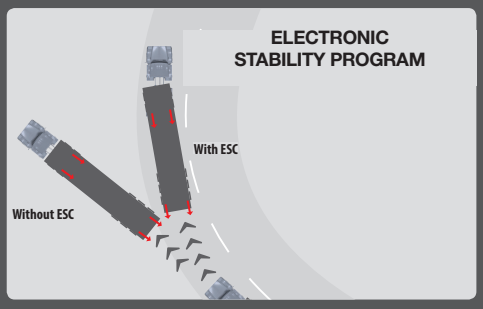


Test: J turns @ 55KPH - No ESC.

Test: J turns @ 55KPH - With ESC.

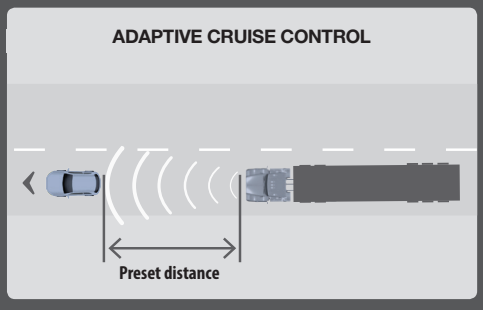
ELECTRONIC STABILITY CONTROL (ESC) O

Helps to restore vehicle stability through the use of ABS, ATC, steering direction and vehicle directional stability information, aiding in the prevention of rollovers and jackknifing. Steering angle, yaw, suspension pressure and brake application pressure sensors monitor the intended vehicle directional control versus actual vehicle movement. ESP intervenes by applying individual wheel brakes, or reduced engine torque when required to enhance vehicle stability. The system is compatible with multi trailer combinations.



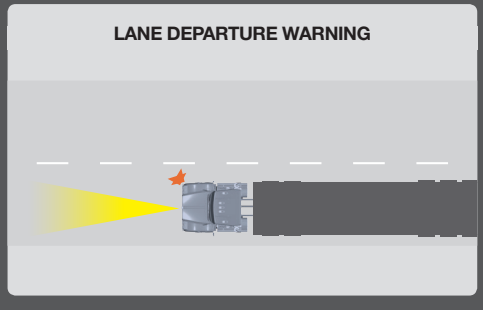
COLLISION MITIGATION O

When a forward moving vehicle enters an unsafe driving distance from the truck, the system utilises audible and visual alerts to warn the driver, and if necessary applies the brakes to mitigate an imminent collision. This functionality operates whether cruise control is activated or not.



LANE DEPARTURE WARNING (LDW) O

The LDW system detects when a vehicle drifts across a lane marking. When this occurs and the turn signal is not activated, the unit automatically emits an audible warning, alerting the driver to make a correction. It gives drivers the ability to combat lane drift related to fatigue, distractions and unfavourable weather conditions, working effectively both day and night and in most weather conditions, like rain or fog, where visibility is limited.



KENWORTH SAFETY BY DESIGN

AUSTRALIAN MADE. WORLD'S BEST.

To tick every box, to perform to its full potential, a truck needs to be purpose built. It needs to be a Kenworth. To meet the highest levels of reliability, safety and durability that underpin the Kenworth brand, to be Australian Made, World's Best, we first cover millions of kilometres in the harshest Australian conditions, testing cooling, brakes, suspensions and every other component to the limit. The result is the right truck for Australia.

ENGINEERED TO PERFORM

A truck that is engineered to suit a specific application and environment will always outperform the rest. Not having appropriate engine power, torque, gearing, axle ratios, braking system, wheels, tyres, and cooling management will compromise vehicle performance and safety.

Handling and stability can be further impacted by not selecting the appropriate truck and trailer combinations for specific loads and environments.

We have you covered. Kenworth delivers the right truck for you.

AUSTRALIAN MADE. WORLD'S BEST.

FOR MORE INFORMATION

Visit **www.kenworth.com.au/behindthebadge/safety**
or contact your local Kenworth Dealer.

IMPORTANT: The vehicles shown in this brochure are for illustrative purposes only and may include some non-standard optional equipment. All weights and measurements should be regarded as approximate only. For full details contact your Kenworth Dealer. In the interests of product improvement, Kenworth reserves the right to change these specifications without prior notice.