



SCANIA K500 TOURING COACH



SCANIA



EFFICIENT, RELIABLE AND COMFORTABLE

Based on more than a century of engineering experience, the new generation of the Scania Touring has been developed to meet the demands of today's and tomorrow's travel operators. Energy efficient and available in a wide range of powertrains, it offers the latest technology in everything from safety systems to reduced emissions and noise levels. And through excellent uptime and fuel economy, high levels of passenger comfort and generous luggage capacity, Scania Touring allows sustainable mobility to go hand-in-hand with operating economy.

Sustainable efficiency

Having the right vehicle for the operation and using it efficiently is the best way to minimise environmental impact and with Scania's highly efficient Euro 6 diesel powered coaches, you can achieve just that.

Through high quality vehicles with innovative technical solutions and outstanding fuel efficiency, top-quality repair and maintenance services, and a range of driver services, we address fuel consumption from several angles, helping operators to reduce emissions.

Energy efficiency that lowers operating cost

Travel operators know the importance of keeping costs to a minimum and fuel consumption is one of the main contributors to operating cost. An energy efficient powertrain can therefore offer significant savings.

Scania develops and offers highly energy efficient powertrains. Compared to previous models, the new generation of Scania Touring can save up to 6% in fuel and emissions, without compromising on performance. This is achieved through a number of factors, with the most significant savings coming from enhanced engine efficiency and improved cruise control.

Beyond the powertrain, driving style is another major factor that affects fuel consumption. Our driver services typically reduce fuel consumption and emissions by as much as 10%, with the driveability of Scania coaches and our advanced driver assistance systems as well as our top-quality maintenance services resulting in additional savings.

Ensuring availability through reliable solutions

Reducing vehicle downtime and increasing utilisation is essential for the profitability of travel operators. Our coaches are well designed and built on proven technology and components, resulting in chassis and powertrains that are dependable, durable, and robust. That reliability is key to minimising time in the workshop and maximising utilisation of the vehicle.

That is why we have made sure that sensitive and expensive components are protected in the event of a collision. Limiting damage and avoiding deformation of components such as the steering and aftertreatment systems is critical for minimising costs, as well as complex and time-consuming repairs.

Additionally, Scania coaches are designed to facilitate maintenance and to make it as efficient as possible. Here, Scania offers professional and proactive workshop services tailored to operational and individual vehicle needs, with excellent parts availability, to secure maximum uptime.

A first-class driver area

A quality driver environment can play a crucial role in reducing the risk of incidents by maintaining driver comfort and alertness, while also offering a great workplace.

The driver area in Scania coach is simply first-class and can even be said to be industry leading. A great turning radius, good visibility, and an overall well-balanced vehicle makes for excellent driveability, while advanced driver assistance systems give the driver good control of the vehicle through improved assisted handling, steering and braking. These systems include features such as lane keep assistance, lane change collision prevention and adaptive cruise control that help to prevent accidents or minimise potential damage.

Due to the demanding work environment, operators also face challenges when it comes to sick leave and employee retention; that is why we have designed the best possible work environment for drivers in terms of ergonomics, reachability, climate control, safety features and an overall quality feel.

A comfortable passenger experience

Scania Touring have a forgiving suspension, smooth gearbox transition, powerful engines and well-balanced weight distribution that create a relaxing and comfortable passenger experience.



A SCANIA FROM BUMPER-TO-BUMPER

Affordable quality in a vehicle designed for multiple demands, charter trips or longer-distance touring, with expanded luggage capacity. Imported fully built-up and ready-to-roll, refined by Scania for Australian conditions, and engineered to provide years of reliable, durable and comfortable service; the new Scania Touring is ready to serve.

Quality Build

The Scania chassis and powertrain delivered from Europe is mated with a high quality, mass produced body at a modern, technology-rich, dedicated production facility in China, under the watchful gaze of Scania's own quality assurance team. All components are supported by the Scania service network in Australia.

Quality Powertrain

The powertrain is the top of the range 500hp, 6 cylinder, Euro 6, 13lt unit with Scania Opticruise and hydraulic retarder.

Quality Design

The distinctive Scania style with darkened glazing and Xenon headlights enhance the European look. LED daytime running lights and LED tail lights plus aluminium wheels complete the premium exterior styling. A full 9.5m³ of underfloor luggage space accessible via six easy-lift doors.

Quality Interior

The interior has a modern, sophisticated design with bright, light colours on the upper parts of the interior and a darker, calmer base on the lower parts. Imported so you can select your own choice of seating, up to 52 passenger seats. The main saloon's air conditioner is supported by a specific unit for the driver, which helps to reduce fuel burn when travelling empty. It is also fitted with a rear toilet, wood look floors and large fridge in the dash.

Quality Safety

The Scania Touring provides leading-edge safety systems. It passed the European rollover standard tests with flying colours and is compliant with the new GSR and cyber security regulations. It comes with anti-lock brakes, electronic brake system, electronic stability control, vulnerable road user radar, active steering with lane departure warning, speed sign recognition and adaptive cruise control as standard.

PRODUCT DESIGN FEATURES

The Scania Touring meets the needs of operators on every continent. With total design and production control over the body, chassis and powertrain, Scania delivers unrivalled reliability, durability and performance.

Driver area

The driver area has a completely new design with improved ergonomics, safety, comfort, and driveability.

- Excellent ergonomics and reachability – pedal placement, leg space, driver height settings, flexible switch placement due to CAN functionality and more.
- Increased safety – advanced driver assistance systems (ADAS), electro-pneumatically activated parking brakes.
- Excellent drivability – great turning circle and improved assisted handling, steering and braking.
- Digital dashboard – making driver experience smarter, safer, simpler and more intuitive.



Interior

The interior has a completely new design with a modern, sophisticated coloration.

- Bright, light colours of the upper parts of the interior and a darker, calmer base on lower parts.
- Characteristics Scania coloration with a bright, clean passenger area and a dark, restful working area for the driver.
- Larger refrigerator in dashboard.

Independent front suspension technology

Without compromising on passenger capacity, the front suspension offers excellent passenger comfort and increased load capacity.

Electric system

The new power supply architecture comes with improved electronic control units (ECUs) and functions that improve performance and facilitate diagnostics for repair and maintenance.

Fuel tank

500 litres (460 litres usable).

Adblue tank

80 litres (60 litres usable).

Powertrain technology

The highly dependable 500hp, durable, and robust powertrain enables fuel savings of up to 6%, while the addition of cruise control contributes to further savings.

SAFETY IS SCANIA'S FIRST CHOICE.

Scania's Advanced Driver Assistance System (ADAS) enables safe, reassuring and cost-effective bus and coach transport. It's an electronic system of software, sensors, radars and cameras, aimed at avoiding interactions with vulnerable road users, traffic blind spots, and maintaining a safe following distance in heavy or fast-flowing traffic.



Blind spot warning

This system's sensor warns when the vehicle is in motion and detects a vehicle in the driver's blind spot via an A-pillar mounted lamp glowing orange initially, and red when the vehicle gets closer, alerting the driver to its presence to avoid a lane change that may cause a collision.



Vulnerable road user protection radar

A radar sensor and camera detect and warn the driver of vulnerable road users near the passenger side of the bus, such as cyclists or even pedestrians. Detection triggers an amber light on the A-pillar, and if the driver takes no action, the light flashes and the driver's seat vibrates. If the road user gets even closer, or the driver indicates left, the light turns red and the driver's seat vibration increases.



Forward looking camera and radar

Scania's forward-looking camera monitors the vehicle's position in its lane and warns the driver should the bus drift towards the white line. The forward-looking radar powers the Adaptive Cruise Control to ensure safe following distances are maintained on major roads at speed and can bring the vehicle to a complete stop in traffic.



Adaptive cruise control

Assists the driver in keeping the distance to vehicles in front of the coach and includes active emergency braking (AEB) as standard.



Electronic park brake

Scania's Electronic Parking Brake is a new and simple to use electro-pneumatic system offering multiple built-in safety features, which eliminates the possibility of bus roll-away, protecting drivers as well as pedestrians. The system locks the brakes until the driver presses the throttle, preventing unintentional vehicle motion.



Underrun protection

Rigid beams in the front and the rear protect other road users and sensitive components.



Land departure warning and active steering

Constantly monitors road markings and steers the vehicle back to its lane if its about to cross the line.



Front and rear parking sensors

Sensors alert the driver to a collision risk at the front of the bus and the same when reversing.

COMFORT AND SPACE

The New Scania Touring comes complete with a new generation dashboard, Advanced Driver Assistance Systems and a smart and ergonomically designed steering wheel to make long hours on the road as comfortable and fatigue-free as possible. With safety cameras displaying on a large high definition screen, manoeuvring in tight spaces is a breeze, while the driver station is warmed or cooled independently of the saloon.



Dashboard

Scania's all-new driver station incorporates ventilation outlets, a lower mounted dash for improved visibility, logical and legible grouping of switches and controls, and the electro-pneumatic parking brake. Steering wheel-mounted controls mean drivers rarely need to take their eyes off the road to make a selection or activate a function.



Spacious interior

The Scania Touring has ample space for upto 52 reclining passenger seats and can be tailored to individual requirements.



Luggage bay

The Scania Touring provides a huge 9.5m³ of luggage space under the floor accessed by slide-up doors on both sides. The luggage capacity makes the Touring perfect for tourism or school trips where all of the passengers have bags and cases to stow under the saloon.



Wheel chair lift

DDA compliant Dhollandia wheel chair lift as standard, mounted over the tag axle which means no sacrifice on luggage space.

Powertrain

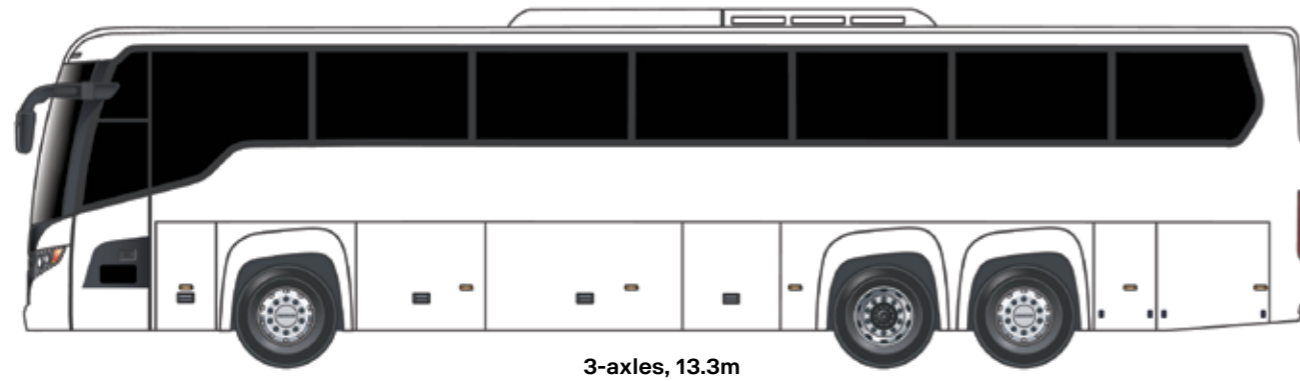
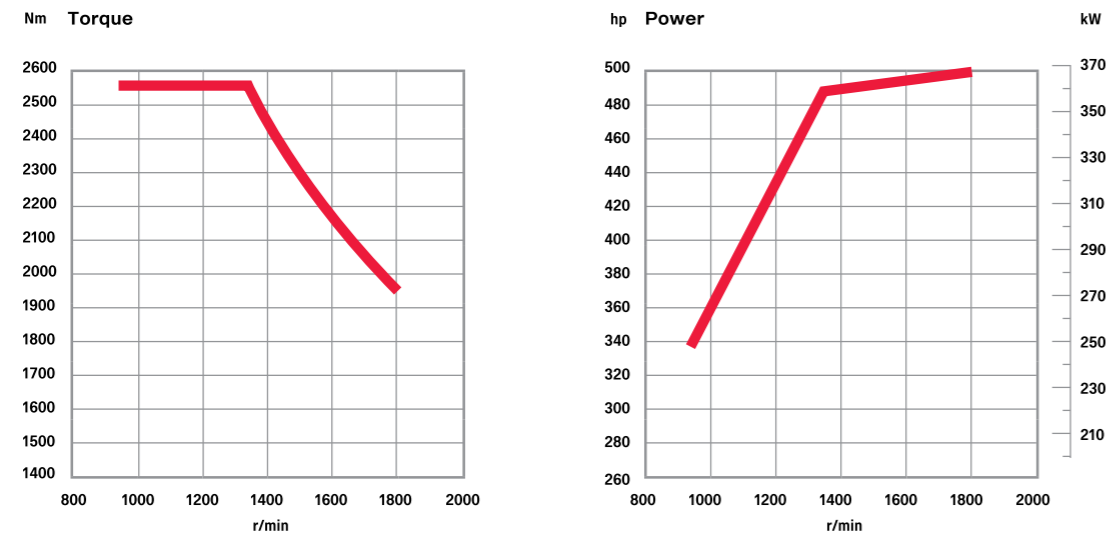
The high decker Scania Touring is standard with top of the range 500hp efficient and reliable powertrain optimised for longer distance traffic.

Combustion, Euro 6	Output	Torque	Emissions control	Fuel options
13-litre	500 hp (368 kW) at 1800 rpm	2550 Nm (900 - 1340 r/min)	SCR	HVO Diesel

Gearbox

12- speed manual overdrive gearbox with Scania Opticruise and retarder.

DC13 165 500 Euro 6



General

Wheel configuration: 6x2*4 rear steer chassis

Dimensions

Length: 13.3m

Width: 2.50m

Height: 3.80m

Seating capacity

52 passenger seats

Fuel capacity

500 litres / 460 litres usable

80 litres / 60 litres usable Adblue

Driver's area

Leather driver seat ISRI 6860, Scania Fleet Management - collects, saves and sends information from the vehicle for analysis, map reading light, electrically operated driver's window, electrical blinds at front windscreen, cruise control, driver's microphone and fuel filling on left side

Passenger area

Upto 52 reclining seats, open overhead luggage racks, interior LED light front and on the steps, soft ceiling, aisle lighting ceiling and floor, reading LED lamp.

Climate system

38 kW roof-mounted air conditioning system with fully automatic control, convactor heating at side walls, separate climate control for driver, auxiliary heater

Electrical system

Xenon Headlights, LED rear lights, front and rear fog lights, 2 x 230 Ah Batteries, 2 x 150A Alternators

Powertrain

Scania DC 13 165 - 500 hp, Euro 6 engine with SCR emission control, Euro 6 Emission Level, max power 368 Kw (500 hp) @ 1900 rpm, max torque 2550 Nm @ 900/1340 r/min, Scania GRS0895R - 12 speed overdrive gearbox with fully automated Scania 2 pedal Opticruise

Brakes and safety equipment

Lane departure warning, adaptive cruise control, advanced emergency braking, disc brakes, EBS, electronic brake system ABS, Anti-lock brake system, TC, traction control, Scania Retarder, manual/automatic control ESP, electronic stability programme, automatically controlled exhaust brake, reversing camera, bus stop brake, hill hold, vulnerable road user and blind spot warning, active steering and lane keep assist

Suspensions and wheels

Total vehicle raising and lowering, whole front kneeling, Scania AM700D independent front suspension, Continental 295/80R 22.5 tyres, 8.25 x 22.5 Durabright aluminum rims, spare wheel and tyre

Doors & Windows

Single glazed tinted saloon windows, 2 piece windscreen

AV equipment

Bosch Smart Series Audio Equipment with SD, Auxiliary and USB inputs, 21" LCD monitor at front, 19" LCD monitor at midway

Luggage

Manually operated parallel lift luggage compartment doors, tool box in luggage compartment

Toilet

Rear toilet with freshwater flush

Wheel chair facilities

DDA compliant with cassette Dholandia wheel chair lift

Exterior

Painted in one base colour



Easily accessible engine in engine bay.



Swing open intercooler door for easy access and maintenance.

SERVICE OFFERING

Our offering consists of a number of services for minimising emissions, increasing safety, and improving operating economy, focusing on areas like fuel efficiency and uptime. These services allow us to provide solutions to each operator's individual challenges and needs.

Driver services

Enables drivers to drive safer and more efficiently, and can reduce the need for maintenance.

Scania Driver Training

Combines theory and practice, covering topics such as safe and efficient driving, not only to save energy but even regenerate energy. The training also handles other aspects of professional driving, always with a focus on profitability, fuel economy and reduced emissions.

Scania Driver Evaluation

An on-board device that assesses the driving style by comparing it to that of drivers operating in similar conditions. The result, which can be used to achieve long term improvements, is visible in the Scania Fleet Management Portal and Scania Fleet App.

Fleet management services

Through the Scania Fleet Management Portal and the Scania Fleet App, operators can gain access to valuable insights into the performance and status of their fleet. The data collected onboard the coach provides valuable insights into driving styles, productivity and economy. This level of tracking and diagnostics can bring significant benefits in terms of increased uptime, improved safety and reduced operating costs.

Scania's data API's comply with the FMS standards.



Repair and maintenance services

Having access to professional workshops and quality parts is key to keeping the vehicles in prime condition. Scania offers a range of repair and maintenance services.

Scania Flexible Maintenance

Uses real-time vehicle data to produce maintenance plans tailored to each vehicle's actual operation, meaning no underservicing or overservicing. This is done by continually monitoring and analysing operational data to ensure maximum uptime and scheduling maintenance customised to operational needs, thus increasing productivity and decreasing disruptions.

Customer workshop services

Tailored collaboration services designed to facilitate workshop services for the operator by streamlining and quality assuring the workshop and processes to meet Scania's high standards.

Financial services

Flexible financing and insurance solutions that match operational needs, tailored to provide predictable costs and manageable risks – over the entire lifecycle of the vehicles.

Scania Financing

Tailored solutions for financing expansion or fleet renewal. Supported by professional knowledge of transport business financing and optimised for the local tax and legal environment.

Scania Insurance

Tailored solutions that, together with claims support service and Scania Assistance, will help get the vehicle back on the road quicker, safeguarding uptime – and peace of mind.

For more information please contact your nearest Scania team member.

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