



SCANIA A30 SCHOOL/CHARTER BUS



SCANIA

OUTSTANDING EVERYDAY PERFORMANCE

Scania Higer A30 answers to a wide variety of demands in hard everyday use. The robust, straightforward design makes it the perfect choice for applications where maximised operating economy must go hand in hand with utter reliability.

As always, Scania technology, engineering and access to the Scania network means Scania uptime, fuel economy and ownership ease.



PRODUCT DESIGN FEATURES

With total design and production control over chassis and powertrain, the Scania Higer A30 delivers unrivalled reliability, durability and performance, meeting the needs of operators on every continent.

Interior

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

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

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.



Powertrain technology

The highly dependable, durable, and robust powertrains enable fuel savings of up to 6%, while the addition of cruise control contributes to further savings.

Adblue tank

80 litres (61 litres usable).

Fuel tanks

310 litres (275 litres usable).

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.



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.



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.



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 Advanced 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 (option with Opticruise transmission)

Assists the driver in keeping the distance to vehicles in front of the coach.



Vulnerable road user protection radar

A radar sensor and camera detect and warn the driver of vulnerable road users moving at low speed near the passenger side of the bus, such as cyclists or even pedestrians. Detecting a vulnerable road user 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.



Underrun protection

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

A30 COMFORT

The Scania Higer A30 comes complete with a new generation digital 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 and logical 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.



Luggage bay

The Scania Higer A30 provides a huge 8m³ of luggage space under the floor, accessed by slide-up doors on both sides. The luggage capacity makes the A30 perfect for tourism or school trips where all of the passengers have bags and cases to stow under the saloon.

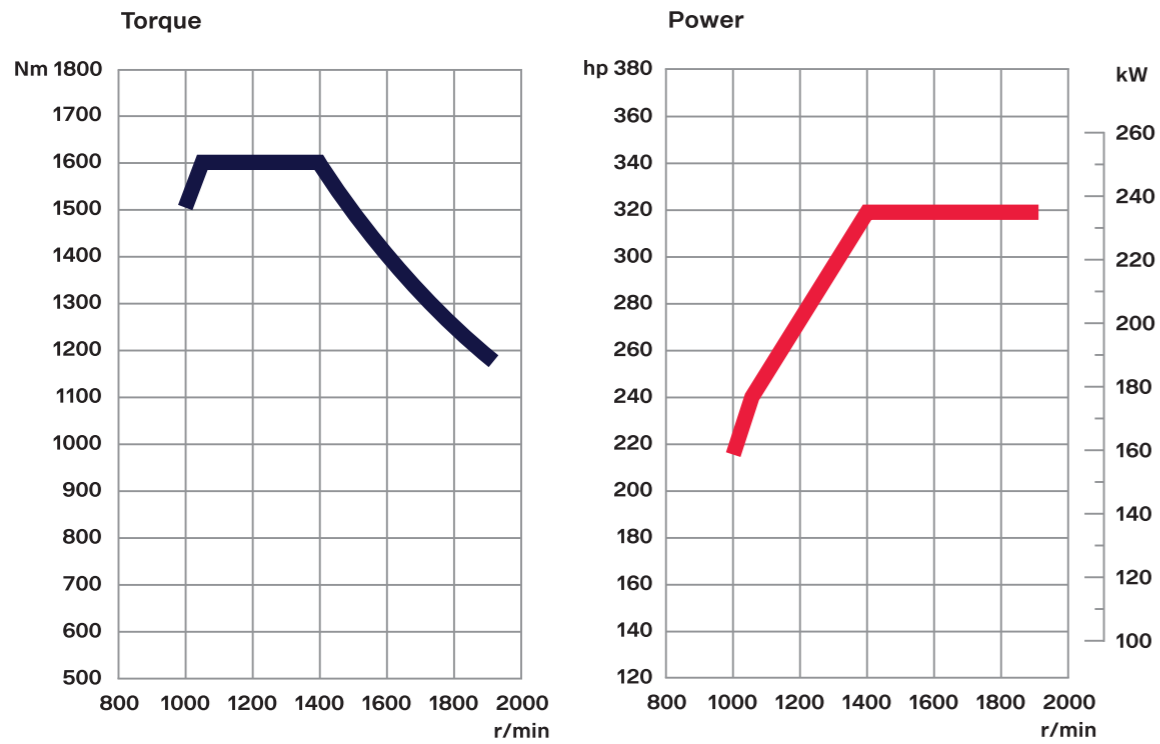
Powertrains

The Scania Higer A30 is available with energy efficient and reliable powertrains optimised for longer distance traffic.

Combustion, Euro 6	Output	Torque	Emissions control	Fuel options
9-litre	320hp (235 kW) @ 1900 r/min	1600 Nm (1050 – 1400 r/min)	SCR	Biodiesel, HVO, diesel

Gearboxes

6-speed fully automatic gearbox (ZF EcoLife 2)
12-speed manual gearbox with Scania Opticruise and retarder



General

Wheel configuration: 2-axle

Dimensions

Length: 12.3 m

Width: 2.50 m

Height: 3.50 m

Passenger area

Up to 57 passenger seats

Equipment: Intercity seats, 3-point seatbelts, reading lights and stop buttons, overhead luggage racks

Driver area

Seating: Heated driver seat, ISRI 6860

Support systems: Scania Fleet Management – collects, saves and sends information from the vehicle for analysis, Cruise control

Equipment: Drivers microphone, preparation for ticketing machines

Destination signs

Available as option

Climate system

38 kW air conditioning with heating, auxiliary heater

AV equipment

Flexible solutions with customers needs in focus

Luggage compartment

Luggage space: 8 cu.m, manually operated luggage doors - Pantograph type

Powertrains - Combustion, Euro 6

Biodiesel, HVO, diesel:
9-litre 320 hp, 1600 Nm

Fuel capacity: 310 litres
Usable volume: 275 litres
Adblue capacity: 80 litres (61 litres usable)

Gearbox:
Scania 12-speed gearbox with Scania Opticruise or ZF automatic gearbox

Acceleration control

Electrical systems

Xenon headlights, Fog lights, Battery, 230 Ah, Alternator, 2 x 150 A

Brakes and safety equipment

Disc brakes, EBS, Electronic Brake System, ABS, Anti-lock Brake System, TC, Traction Control, Scania Retarder, manual/automatic control, automatically controlled exhaust brake system, ESP, Electronic Stability Programme, rear view camera, camera at exit door, bus stop brake, hill hold, lane departure warning, Advanced Emergency Brake

Suspensions and wheels

Front suspension: Rigid axle
Whole front kneeling, total raising and lowering
Tyres: 295/80 Continental on 8.25 Durabright alloy (incl spare)

Total raising and lowering, kneeling, aluminium or steel rims, axle load display

Doors and windows

Single glazed side and rear windows, remote control for door opening and closing

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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