

P10701EN / Per-Erik Nordström
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PREVIEW

Scania premières at IAA 2010:

- **Truck range with improved productivity**
- **New tools to optimise fuel economy**
- **V8 truck range with unique identity**
- **Construction trucks with greater mobility**
- **New gas engines for trucks and buses**
- **Extended coach range: Scania Touring 6x2**
- **Innovative powertrain technology**
- **Extended service offer, including rental**

The new R-series, the associated improvements on the P- and G-series and the new V8 truck range will all feature on the Scania stand, as well as the new Scania Touring coach and the low-floor city bus, Scania OmniCity. On display will also be a range of components showing state-of-the-art technology unique to Scania, including the new high-output V8 platform and a new range of 9.3-litre gas engines. Evidenced throughout the stand will be the wide variety of services that can be tailored to suit each and every application and customer preference, including rental vehicles for construction as well as long-haulage.

Press conference: 22 Sep 08:30 on the Scania stand (B06 in hall 17).

The **new R-series** makes its debut with all the innovations that took truck productivity and comfort to a new level. Technological enhancements include the new much appreciated Scania Opticruise automated gearchanging system. Scania Driver Support provides on-board assistance for drivers eager to hone their driving skills to perfection, while squeezing the most out of every drop of fuel. New interior fittings bring fit and finish to a new level and the innovative pull-out bed offers up to 900 mm of luxury accommodation. Many of these new items are available on the P- and G-series as well. P-, G- and R-series trucks are all represented on the stand.

These and other technical improvements, along with the new creature comforts that enhance driver appeal, all serve to support the driver and promote more efficient driving. This will contribute to **lower fuel costs**, higher safety, better uptime, lower operating cost and **maximum profitability** for the operator.

Scania's **new V8 truck range** features unique styling traits and numerous options exclusive to Scania V8 trucks. Topping the range is the remarkable R 730 with the new 16.4-litre V8 with 730 hp, 3,500 Nm and stunning performance. The 500, 560

and 620 hp engines remain based on the 15.6-litre V8 platform. Two V8 tractor units will be shown: R 500 and R 730.

The Bauma exhibition was the first public outing for Scania's extended **construction range** and the new Scania R 730 heavy-haulage tractor unit gained a great deal of attention. Other news include reinforced transmission components, new hub reduction and progressive parabolic springs, as well as a combined traction panel on the dashboard for convenient difflock operation and traction control. At Bauma, the lightweight 8x4 mixer, lightest on the market, the 10x4 mining truck with a 66-tonne GVW and 46-tonne payload capacity, and the rental tipper offered on the German market all demonstrated the breadth of Scania's offer. At the IAA you will find a G 480 8x4 tipper offered complete with bodywork to prove the point.

A brand new model in the **Scania Touring** coach range is the 3-axle Scania Touring HD 13.7 m with 440 hp, 2,300 Nm and Scania Opticruise. The Scania Touring is built in partnership with Chinese bodybuilder Higer and the 2-axle version generated a great deal of interest at Busworld in Kortrijk. Full parts and service support is provided by the global Scania organisation. Also on display is the stylish low-floor **Scania OmniCity** with 280 hp 5-cylinder engine and adjustable dashboard adapted to the VDV recommendations.

Scania's lead in **powertrain technology** is amply evidenced with all engine ranges and configurations on display. Adjacent to the new R 730 truck is the new 16.4-litre V8 engine and reinforced overdrive gearbox with Scania Opticruise and Retarder. Scania's new common-rail engine platform with several innovative solutions paves the way for the technologies used for Euro 6.

Brand new are the **9.3-litre 270 and 310 hp gas engines** now available on trucks as well as buses. The engines, which comply with EEV, are based on the latest Euro 5 EGR engine platform. Compact installation with eight chassis-mounted composite gas tanks and a capacity of 640 litres on trucks. Roof-mounted aluminium tanks with a capacity of 1,200 litres on buses. The engine displays also include Scania's highly efficient **ethanol engine** that operates according to the diesel principle.

Alternative and renewable fuels feature strongly on the stand. Scania diesel engines are compatible with up to 100% biodiesel, which is a viable alternative for all types of operation. For urban conditions, Scania has two strong renewable offers: ethanol gives the convenience of a liquid fuel; the new gas engine can operate on biogas as well as CNG (compressed natural gas).

All vehicles displayed are linked to **a customised service package** that illustrates how Scania partners with its customers to work out the most profitable solution with the best possible operating economy for each individual transport application. The services include Scania's rental truck scheme, which in Germany and Austria comprises tractors and semitrailers, and in Germany also a range of 3- and 4-axle tippers.

New **fleet management** products provide monitoring and analysis tools for vehicle and driver performance, as well as an environmental report, making it easy for operators to continuously keep track of how the business is developing.

TRUCKS

Scania R 730 4x2 Topline – V8 tractor with max. performance and driver appeal

- High-output tractor unit with extraordinary performance and driveability
- Complete tractor unit ex-factory
- Rear-mounted batteries
- 1,500 litres of fuel
- Full air suspension
- Prestigious styling and creature comforts
- Full-height sleeper cab
- Full safety equipment
- Extendable lower bed
- Part of Scania's comprehensive new V8 truck range

Cab	Scania R-series Topline
Engine	16.4-litre V8, Euro 5 or EEV Scania XPI fuel injection, Scania SCR and VGT
Power	730 hp (537 kW) at 1,900 r/min
Torque	3,500 Nm at 1,000-1,350 r/min
Gearbox	12+2-speed range-splitter with overdrive Scania Opticruise, fully automated, Scania Retarder
Front axle	8,000 kg, air suspension
Rear axle	11,500 kg, 4-spring air suspension
Wheelbase	3,700 mm
Fuel capacity	1,500 litres
Equipment	Scania lightweight fifth wheel, low-drag sideskirts, air deflector extensions, Xenon headlights, LED daytime running lights, Rock Shade Dark interior, full V8 styling kit, two beds, extendable lower bed, kitchenette, driver's airbag, fleet management system, adaptive cruise control, lane departure warning, hill-hold, radio with navigation

Scania R 500 4x2 Topline – V8 tractor for long-term profitability

- High-performance tractor unit
- Strong on fuel economy
- Renowned for durability, uptime and resale value
- Basic specification with V8 styling and creature comforts
- Full-height sleeper cab
- Driver appeal
- Extendable lower bed
- Part of Scania's comprehensive new V8 truck range
- EEV version available

Cab	Scania R-series Topline
Engine	15.6-litre V8, Euro 5 or EEV Scania PDE fuel injection, Scania SCR
Power	500 hp (368 kW) at 1,800 r/min
Torque	2,500 Nm at 1,000-1,350 r/min
Gearbox	12+2-speed range-splitter Scania Opticruise, fully automated, Scania Retarder
Front axle	8,000 kg, parabolic springs
Rear axle	11,500 kg, 2-spring air suspension
Wheelbase	3,700 mm
Fuel capacity	1,370 litres
Equipment	Low-drag sideskirts, air deflector extensions, Xenon headlights, Rock Shade Light interior, two beds, extendable lower bed, fleet management system, adaptive cruise control, hill-hold, Bluetooth radio

Scania G 400 4x2 – fuel-optimised tractor

- For regional and national long-haulage
- Specified for best possible fuel economy
- New fast rear axle ratio 2.59
- Scania EGR
- Compact high-roof G-series sleeper cab with upgraded interior
- Complete tractor unit ex-factory

Cab	Scania G-series Highline
Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	400 hp (294 kW) at 1,900 r/min
Torque	2,100 Nm at 1,000-1,300 r/min
Gearbox	12-speed range-splitter Scania Opticruise with clutch pedal, Scania Retarder
Front axle	7,100 kg, parabolic springs
Rear axle	11,500 kg, 2-spring air suspension
Wheelbase	3,700 mm
Fuel capacity	700 litres
Equipment	Low-drag sideskirts, air deflector extensions, short dashboard, folding passenger seat, upper bed preparation, fleet management system, hill-hold

Scania R 440 4x2 – flexible rental tractor

- Long- or short-term rental for maximum flexibility and cost control
- Optimised for fuel economy
- New fast rear axle ratio 2.59
- Rear-mounted batteries
- 1,500 litres of fuel
- Scania EGR
- High-roof sleeper cab
- Extendable lower bed

Cab	Scania R-series Highline
Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	440 hp (324 kW) at 1,900 r/min
Torque	2,300 Nm at 1,000-1,300 r/min
Gearbox	12+2-speed range-splitter Scania Opticruise, fully automated, Scania Retarder
Front axle	7,500 kg, parabolic springs
Rear axle	11,500 kg, 4-spring air suspension
Wheelbase	3,700 mm
Fuel capacity	1,500 litres
Equipment	Low-drag sideskirts, air deflector extensions, Rock Shade Dark interior, folding passenger seat, two beds, extendable lower bed, fleet management system, adaptive cruise control, hill-hold, Bluetooth radio

Scania R 420 6x2 rear-steer – complete for swap-body, EEV

- Complete ex-factory for swap-body operation
- Ultra-slim body frame from Scania
- Fast delivery, one point of contact
- Full service support via Scania
- Full air suspension
- New fast rear axle ratio 2.59
- EEV compliant
- High-roof sleeper cab
- Extendable lower bed

Cab	Scania R-series Highline
Engine	12-litre inline 6-cylinder, EEV (or Euro 5) Scania HPI fuel injection, Scania SCR
Power	420 hp (309 kW) at 1,800 r/min
Torque	2,100 Nm at 1,100-1,400 r/min
Gearbox	12+2-speed range-splitter Scania Opticruise, fully automated, Scania Retarder
Front axle	7,100 kg, air springs
Rear axles	11,500+7,500 kg bogie, 2-spring air suspension
Wheelbase	4,900 mm
Fuel capacity	1,100 litres
Equipment	Xenon headlights, Sand Shade Light interior, folding passenger seat, 2 beds, extendable lower bed, fleet management system, hill-hold, radio with navigation

Scania G 480 8x4 – complete construction tipper

- Complete G-series 3-way tipper
- Specified for low operating cost
- High, light and robust chassis
- Hub reduction with additional ratios and progressive rear springs to promote mobility
- New differential lock and traction control
- Scania EGR
- Specified for operation with biodiesel

Cab	Scania G-series day cab
Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	480 hp (353 kW) at 1,900 r/min
Torque	2,500 Nm at 1,000-1,300 r/min
Gearbox	12+2-speed range-splitter with overdrive
Front axles	2x7,100 kg, parabolic springs
Rear axles	21,000 kg, parabolic springs
Wheelbase	4,300 mm
Fuel capacity	300 litres
Bodywork	Meiller 13 cu m 3-way tipper, gearbox-mounted PTO
Equipment	Short dashboard, folding passenger seat, fleet management system

Scania P 280 4x2 – complete distribution truck with box body

- Complete P-series distribution truck
- Fast delivery, one point of contact
- Full service support via Scania
- Full air suspension
- Euro 5 or EEV
- Compatible with up to 100% biodiesel
- Good driving and working environment
- Fully automated Scania Opticruise
- Long service life and good resale value

Cab	Scania P-series day cab
Engine	9.3-litre inline 5-cylinder, Euro 5 or EEV Scania XPI fuel injection, Scania EGR and VGT
Power	280 hp (206 kW) at 1,900 r/min
Torque	1,400 Nm at 1,000-1,350 r/min
Gearbox	8-speed range-change Scania Opticruise, fully automated
Front axle	7,100 kg, air springs

Rear axle	11,500 kg, 2-spring air suspension
Wheelbase	5,300 mm
Fuel capacity	300 litres
Bodywork	18-pallet box body from Junge Fahrzeugbau, interior length 7,330 mm, 1,500 kg taillift with aluminium platform from MBB Palfinger, storage box on frame
Equipment	LED daytime running lights, folding passenger seat, fleet management system, reversing camera, hill-hold, Bluetooth radio

Scania P 270 6x2 rear-steer – ethanol distribution vehicle, EEV

- Renewable liquid fuel
- Easy handling
- CO₂ reduction up to 90% on sustainability certified ethanol fuel ED95
- Efficient diesel combustion
- Scania EGR
- Robust technology, modular design
- Full air suspension
- High specification level
- EEV compliant

Cab	Scania P-series day cab
Engine	8.9-litre inline 5-cylinder, ethanol, EEV Scania PDE fuel injection, Scania EGR
Power	270 hp (198 kW) at 1,900 r/min
Torque	1,200 Nm at 1,100-1,450 r/min
Gearbox	12-speed range-splitter Scania Opticruise, fully automated
Front axle	8,000 kg, air spring
Rear axles	11,500+7,500 kg, 2-spring air suspension
Wheelbase	4,900 mm
Fuel capacity	350 litres
Equipment	Xenon headlights, LED daytime running lights, folding passenger seat, fleet management system, hill-hold

Scania P 310 6x2 rear-steer – low-entry refuse collector, new gas engine, EEV

- New gas engines based on 9.3-litre diesel engine
- CNG, renewable biogas or a blend
- CO₂ reduction up to 100% on biogas
- Two versions, high torque ratings:
270 hp and 1,100 Nm
305 hp and 1,250 Nm
- EEV compliant
- Robust technology, modular design
- Compact gas tank installation
- Composite tanks – 400 kg lighter than steel, 20-year service life
- Around 200 km operating range
- Suitable for waste collection and distribution at up to 26 tonnes
- Full air suspension with kneeling
- Optional floor height 880 mm
- 4 seats

Scania's gas engines are available in P-series trucks with the following cabs:

- *Short cab*
- *Day cab*
- *Sleeper cab; flat, normal, high roof*
- *Low-entry; flat, normal, high roof*

Cab	Scania P-series high-roof low-entry cab
Engine	9.3-litre inline 5-cylinder, EEV Otto combustion
Power	305 hp (224 kW) at 1,900 r/min
Torque	1,250 Nm at 1,000-1,400 r/min

Gearbox	Allison 6-speed automatic, integrated retarder
Front axle	7,500 kg, air suspension
Rear axles	11,500+7,500 kg, 2-spring air suspension
Wheelbase	3,900 mm
Fuel capacity	640 litres at 200 bar in 8 composite tanks 4 tanks on each side of the chassis
Equipment	Short dashboard, hill-hold

OUTDOOR DISPLAYS

The outdoor displays focus on transport solutions for the automotive industry.

Scania R 400 4x2 – extra low tractor unit fully air suspended. Frequently used for volume goods in inbound automotive transport in combination with megatrailers (3 m internal load height).

Cab	Scania R-series Highline
Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	400 hp (294 kW) at 1,900 r/min
Torque	2,100 Nm at 1,000-1,300 r/min
Gearbox	12-speed range-splitter Scania Opticruise, fully automated, Scania Retarder
Front axle	7,500 kg, air suspension
Rear axle	11,500 kg, 2-spring air suspension
Wheelbase	3,700 mm
Fuel capacity	1,400 litres
Equipment	Air deflector extensions, long dashboard, folding passenger seat, upper bed, fleet management system, hill-hold, Bluetooth radio

Scania R 400 6x2 rear-steer – volume adapted rigid with swing-top bodywork from Böse Fahrzeugbau. For inbound just-in-time deliveries to automotive assembly plants.

Cab	Scania R-series Highline
Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	400 hp (294 kW) at 1,900 r/min
Torque	2,100 Nm at 1,000-1,300 r/min
Gearbox	12-speed range-splitter Scania Opticruise, fully automated, Scania Retarder
Front axle	7,500 kg, air suspension
Rear axle	11,500 kg+6,700 kg, 2-spring air suspension
Wheelbase	4,700 mm
Fuel capacity	700 litres
Equipment	Long dashboard, two beds, hill-hold, radio

Scania P 400 4x2 – car transporter (Rolfo stand) based on a tractor unit with Rolfo Formula bodywork for outbound transport. The vehicle is equipped with a low-roof sleeper cab and is compatible with standard semitrailers after removing the car transport body. Typically used for maximum flexibility in continental Europe.

Cab	Scania P-series low-roof
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Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	400 hp (294 kW) at 1,900 r/min
Torque	2,100 Nm at 1,000-1,300 r/min
Gearbox	12+2-speed range-splitter with overdrive Scania Opticruise with clutch pedal, Scania Retarder
Front axle	7,100 kg, air suspension
Rear axle	11,500 kg, 2-spring air suspension
Wheelbase	3,900 mm
Fuel capacity	700 litres
Equipment	Short dashboard, folding passenger seat, fleet management system, hill-hold, radio

BUSES AND COACHES

Scania Touring HD 6x2 13.7 – new Scania coach with full support

- Built in co-operation with Higer
- Attractive price and excellent total operating economy
- Sold with full service support via the Scania network
- Stylish exterior with typical Scania traits
- Elegant interior with several option packages
- Scania ergonomics for maximum driver appeal
- Scania EGR engine, fully automated Scania Opticruise
- Available with 9.3-litre (360 hp) or 12.7-litre (400 or 440 hp) engines
- Euro 4 engines available
- The Scania Touring is also available as a 12 m 4x2

Length	13.7 m high-decker
Wheel configuration	6x2 rear-steer
Overall height	3.8 m
Seating capacity	57+1+1
Door configuration	1-1-0
Interior	Grey Classic, semi-leather, green edition
Equipment	Kitchen, driver's bunk, toilet, two 17-inch LCD monitors Xenon headlights
Engine	12.7-litre inline 6-cylinder, Euro 5 Scania XPI fuel injection, Scania EGR and VGT
Power	440 hp (294 kW) at 1,900 r/min
Torque	2,300 Nm at 1,000-1,300 r/min
Gearbox	12-speed range-splitter Scania Opticruise, fully automated, Scania Retarder

Scania OmniCity 4x2 – low-floor bus with high passenger flow, EEV

- Wide doors, optimised for maximum passenger capacity and flow
- Adjustable dashboard according to VDV requirements
- Scania ergonomics
- All-aluminium Scania body with full-length low floor
- Highly adaptable interior
- Scania EGR engine, 230 or 280 hp
- Automatic transmission
- Compatible with up to 100% biodiesel
- 270 or 305 hp gas engine and 270 hp ethanol engine available, EEV
- UK-spec double-decker available
- The low-entry Scania OmniLink (4x2, 6x2 and articulated) offers maximum seating capacity

Length	12.0 m
Wheel configuration	4x2
Overall height	3.0 m
Seating capacity	36+2
Door configuration	2-2-0
Equipment	Adjustable dashboard (fulfils VDV requirements) Scania seats LED destination signs
Engine	9.3-litre inline 5-cylinder, EEV Scania XPI fuel injection, Scania EGR and VGT
Power	280 hp (206 kW) at 1,900 r/min
Torque	1,400 Nm at 1,000-1,400 r/min
Gearbox	ZF 6-speed automatic Integrated retarder

ENGINES ON DISPLAY

9.3-litre diesel, EGR, Euro 5, EEV

- 230, 280, 320 or 360 hp
- 1,050, 1,400, 1,600 or 1,600 Nm
- Scania XPI , Scania VGT
- Compatible with up to 100% biodiesel

New 9.3-litre gas, EGR, EEV

- 270 or 305 hp
- 1,100 or 1,250 Nm
- Available for trucks and buses
- Up to 100% CO₂ reduction

8.9-litre ethanol, EGR, EEV

- 270 hp
- 1,200 Nm
- Available for trucks and buses
- Up to 90% CO₂ reduction on biogas

11.7-litre diesel, SCR, Euro 5

(Not on display)

- 380 or 420 hp
- 1,900 or 2,100 Nm
- 420 hp EEV version available
- Compatible with up to 100% biodiesel

12.7-litre diesel, EGR, Euro 5

- 360, 400, 440 or 480 hp
- 1,850, 2,100, 2,300 or 2,500 Nm
- Scania XPI, Scania VGT
- Compatible with up to 100% biodiesel

15.6-litre V8, SCR, Euro 5

(Not on display)

- 500, 560 or 620 hp
- 2,500, 2,700 or 3,000 Nm
- 500 hp EEV version available
- Compatible with up to 100% biodiesel

New 16.4-litre V8, SCR, EEV

- 730 hp
- 3,500 Nm
- Scania XPI, Scania VGT
- Compatible with up to 100% biodiesel

Pictures are available at Scania Image Bank, <http://imagebank.scania.com/>. Enter "IAA2010" into the search field.

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