



# SCANIA

# PRESS info

P08900EN / Per-Erik Nordström  
24 September 2008

*Scania at IAA Commercial Vehicles 2008 in Hanover:*

## **Ground-breaking engine technology, operating economy and professional support all the way**

- **Scania's new engine platform on trucks and buses**
- **Euro 5 without exhaust aftertreatment is a world first**
- **Strong focus on fuel economy**
- **Reinforced customer offer with P-, G- and R-series trucks and numerous cab improvements**
- **Comprehensive bus and coach range for regular and occasional service**
- **Extensive service offer for optimum operating economy**
- **Driver training brings professional skills to a new level**
- **Start of Young European Truck Driver 2009**

Scania press conference: 24 Sep 09:00 on the Scania stand (B06 in hall 17).

Among the trucks displayed: Scania R 400 from the Scania rental service, R 440 and R 480, all with Euro 5 EGR engines; P 380 lightweight tractor; and the top-of-the-line R 620 V8. The construction segment is represented by a new G 420 tipper and an R 440 heavy-duty hooklift truck.

Two distribution vehicles: Scania P 280 chassis with Euro 5 or EEV engine; P 280 with box body.

Special applications are represented by a Scania P 270 low-entry chassis with diesel-ethanol engine suitable for refuse collection or local distribution work. The low-entry cab offers easy entry and cross-cab access and the diesel-ethanol engine enables operators to run on a readily available renewable fuel. A 6-seat Scania CrewCab shows Scania's offer for instance in the fire truck market; also available as an 8-seater.

Buses and coaches on display: Scania OmniCity low-floor; Scania Irizar i4 intercity coach; Scania Irizar PB luxury coach. A Scania OmniCity with ethanol engine is available for test riding.

### **New engine generation**

The stand also proudly displays Scania's leading engine technology. The relation between power and torque – a traditional Scania strength – is decisive to the performance of the vehicle and all Scania powertrains are optimised for fuel-efficient driving.

The new EGR (exhaust gas recirculation) engines meet Euro 5 emission standards without aftertreatment and without the need for additives – a breakthrough in engine technology. The comprehensive engine range is complemented by further Euro 5 and EEV (enhanced environmentally friendly vehicle) engines that meet the toughest existing environmental standards in Europe.

Scania's new 9-litre diesel-ethanol engine gives operators the option of running on the most readily available renewable fuel on the market with CO<sub>2</sub> savings of up to 90%.

### **Driver focus**

For Scania, the driver is always at the centre because he or she has a decisive influence on road safety, fuel consumption, operating economy, accident avoidance and environmental impact. The show also marks the launch of the Scania driver competition "Young European Truck Driver 2009". Drivers interested in participating are welcome to register on the Scania stand.

### **Services galore**

The issue of efficiency also revolves around the many services offered by Scania. Scania's service portfolio comprises some 30 different offers, a selection of which are presented on the stand. Also highlighted is Scania's new driver training platform that complies with the EU directive on driver competence now entering into force.

Scania is extending its rental offer in Germany by also including curtainsider or reefer semitrailers.

## **TRUCKS ON DISPLAY**

### **Scania R 620 4x2 – top-of-the-line tractor, Euro 5**

- 620 hp Euro 5 V8 with Scania SCR (selective catalytic reduction)
- Maximum performance and high productivity
- New lightweight rear air suspension saves 120 kg
- New instrument cluster with colour display and numerous extra display features
- Scania Topline cab for maximum space and driving comfort
- New bed layout, bedside storage, side sunvisor
- Easier access to external storage compartment

Cab	Scania R-series Topline full-height sleeper
Engine	16-litre V8 Scania PDE fuel injection
Emission	Euro 5, Scania SCR
Power	456 kW (620 hp)
Torque	3000 Nm at 1000-1400 r/min
Gearbox	12+2 speed range-splitter with overdrive Scania Opticruise Scania Retarder
Front axle	8-tonne, air
Rear axle	13-tonne, 2-spring air
Brakes	Disc brakes with EBS and hill-hold

Wheelbase 3700 mm

### **Scania R 480 4x2 – powerful tractor with new EGR engine, Euro 5**

- New 480 hp Euro 5 engine with Scania EGR
- No additives, no extra tanks required
- Exceptional torque and driveability, high efficiency
- New instrument cluster with colour display and numerous extra display features
- Scania Topline cab providing excellent space and driving comfort
- New bed layout, bedside storage, side sunvisor
- Easier access to external storage compartment

Cab	Scania R-series Topline full-height sleeper
Engine	13-litre inline 6-cylinder Scania XPI fuel injection
Emission	Euro 5, Scania EGR
Power	353 kW (480 hp)
Torque	2500 Nm at 1000-1300 r/min
Gearbox	12+2 speed range-splitter Scania Opticruise Scania Retarder
Front axle	7.5-tonne, parabolic
Rear axle	11.5-tonne, 2-spring air
Brakes	Disc brakes with EBS and hill-hold
Wheelbase	3700 mm

### **Scania R 440 6x2\*4 – heavy-duty hooklift truck with new EGR engine, Euro 5**

- Supplied by Scania complete with bodywork
- Hydraulically steered tag axle for superior manoeuvrability
- New 440 hp Euro 5 engine with Scania EGR
- No additives, no extra tanks required
- Exceptional torque and driveability, high efficiency
- New instrument cluster with colour display
- Scania R-series sleeper cab
- New bed layout and bedside storage
- Easier access to external storage compartment

Cab	Scania R-series Highline high-roof sleeper
Engine	13-litre inline 6-cylinder Scania XPI fuel injection
Emission	Euro 5, Scania EGR
Power	324 kW (440 hp)
Torque	2300 Nm at 1000-1300 r/min
Gearbox	12+2 speed range-splitter Scania Opticruise Scania Retarder
Front axle	8-tonne, parabolic
Bogie	19-tonne, air springs

Brakes	Disc brakes with EBS and hill-hold
Wheelbase	4700 mm

### **Scania R 400 4x2 – extra low rental tractor with new EGR engine, Euro 5**

- German rental tractor unit, rental curtainsider or reefer semitrailers also available
- New 400 hp Euro 5 engine with Scania EGR
- No additives, no extra tanks required
- Exceptional torque and driveability, high efficiency
- New instrument cluster with colour display
- Scania Highline cab with new closed overhead storage
- Improved bed layout, bedside storage, side sunvisor
- Better access to external storage compartment
- Extra low chassis height

Cab	Scania R-series Highline high-roof sleeper
Engine	13-litre inline 6-cylinder Scania XPI fuel injection
Emission	Euro 5, Scania EGR
Power	294 kW (400 hp)
Torque	2100 Nm at 1000-1300 r/min
Gearbox	12+2 speed range-splitter with overdrive Scania Opticruise Scania Retarder
Front axle	7.5-tonne, air
Rear axle	11.5-tonne, 4-spring air
Brakes	Disc brakes with EBS and hill-hold
Wheelbase	3700 mm

### **Scania P 380 4x2 – lightweight tractor, Euro 5**

- 380 hp Euro 5 engine with Scania SCR
- High efficiency, generous torque and good driveability
- New instrument cluster with colour display and numerous extra display features
- Improved bed layout, bedside storage
- Compact Scania P-series sleeper cab

Cab	Scania P-series normal sleeper
Engine	12-litre inline 6-cylinder Scania HPI fuel injection
Emission	Euro 5, Scania SCR
Power	280 kW (380 hp)
Torque	1900 Nm at 1100-1400 r/min
Gearbox	12-speed range-splitter Scania Opticruise Scania Retarder
Front axle	7.5-tonne, parabolic
Rear axle	11.5-tonne, 4-spring air
Brakes	Disc brakes with EBS and hill-hold

Wheelbase 3550 mm

### **Scania G 420 6x4 – lightweight 3-way tipper, Euro 5**

- New Scania G-series day cab
- 16 cu m 3-way Meiller tipper
- Supplied by Scania complete with bodywork
- 420 hp Euro 5 engine with Scania SCR
- Also available as EEV
- High efficiency, generous torque and good driveability
- New instrument cluster
- New resting equipment

Cab	Scania G-series day cab
Engine	12-litre inline 6-cylinder Scania HPI fuel injection
Emission	Euro 5, Scania SCR
Power	309 kW (420 hp)
Torque	2100 Nm at 1100-1400 r/min
Gearbox	12+2 speed range-splitter with overdrive Scania Retarder
Front axle	7.5-tonne, parabolic
Bogie	21-tonne, parabolic
Brakes	Drum brakes with EBS
Wheelbase	3300 mm

### **Scania P 280 4x2 – classy distribution rigid chassis, EEV**

- New 280 hp EEV engine with Scania EGR
- Complies with the toughest European emission standard, EEV
- Also available as Euro 5
- No additives, no extra tanks required
- Exceptional torque and driveability, high efficiency
- New instrument cluster
- Compact Scania P-series day cab

Cab	Scania P-series day cab
Engine	9-litre inline 5-cylinder Scania XPI fuel injection
Emission	Euro 5, EEV, Scania EGR
Power	206 kW (280 hp)
Torque	1400 Nm at 1000-1350 r/min
Gearbox	8-speed range-change Scania Opticruise
Front axle	7.5-tonne, air
Rear axle	11.5-tonne, 2-spring air
Brakes	Disc brakes with EBS and hill-hold
Wheelbase	5300 mm

### **Scania P 270 6x2\*4 ethanol – low-entry refuse collection chassis, EEV**

- New 270 hp diesel-ethanol engine
- Complies with the toughest European emission standard, EEV
- Up to 90% CO<sub>2</sub> reduction
- Excellent torque and driveability, high efficiency
- New instrument cluster
- Compact Scania P-series low-entry cab
- Easy access and walk-through capability
- Hydraulically steered tag axle for superior manoeuvrability
- Factory-prepared for refuse collection bodywork

Cab	Scania P-series low-entry cab
Engine	9-litre inline 5-cylinder Scania PDE fuel injection
Emission	EEV, Scania EGR
Power	198 kW (270 hp)
Torque	1200 Nm at 1100-1400 r/min
Gearbox	Allison automatic
Front axle	8-tonne, air
Bogie	19-tonne, air springs
Brakes	Disc brakes with EBS
Wheelbase	3900 mm

### **Scania P 280 4x2 – box-body distribution truck, EEV**

- Supplied by Scania complete with bodywork
- Full parts and service coverage, factory warranty
- Distribution-oriented options and accessories
- New 280 hp EEV engine with Scania EGR
- Complies with the toughest European emission standard, EEV
- Also available as Euro 5
- No additives, no extra tanks required
- Exceptional torque and driveability, high efficiency
- New instrument cluster
- Compact Scania P-series day cab

Cab	Scania P-series day cab
Engine	9-litre inline 5-cylinder Scania XPI fuel injection
Emission	Euro 5, EEV, Scania EGR
Power	206 kW (280 hp)
Torque	1400 Nm at 1000-1350 r/min
Gearbox	8-speed range-change Scania Opticruise
Front axle	7.5-tonne, air
Rear axle	11.5-tonne, 2-spring air

Brakes	Disc brakes with EBS
Wheelbase	5300 mm

## CABS

**Scania P-series CrewCab for fire truck, 6 seats**

**Scania G-series Highline high-roof sleeper**

## BUSES AND COACHES

**Scania OmniCity 4x2 – friendly low-floor city bus, EEV**

- Full-length low-floor city bus
- Scania Omni all-aluminium bodywork
- Transverse rear-mounted inline 5-cylinder engine
- New 230/280 hp diesel engine, EEV
- Also available with 270 hp diesel-ethanol engine, EEV
- Exceptional torque and driveability, high efficiency
- Scania EGR for maximum convenience

Length	12 m
Height	3.0 m
Seating capacity	36+2+driver
Door configuration	2-2-0
Engine	Scania 9-litre 280 hp 1400 Nm
Emission	EEV, Scania EGR
Gearbox	ZF 6-speed automatic Integrated retarder

**Scania Irizar i4 L 4x2 – stylish multi-purpose intercity coach, EEV**

- New two- or three-axle intercity coach with stylish Irizar steel bodywork
- I4 L: multi-purpose vehicle with the lowest of three floor levels, as well as underfloor luggage space
- Mid-door wheelchair ramp optional
- ESP optional
- New 280, 320 or 360 hp EEV engines with Scania EGR
- Exceptional torque and driveability, high efficiency
- New instrument cluster with colour display

Length	12.92 m
Height	3.4 m
Seating capacity	53
Door configuration	1-2-0
Floor height	860 mm
Luggage capacity	3.5 cu m

Engine	Scania 9-litre 280 hp 1400 Nm
Emission	EEV, Scania EGR (Euro 4 available)
Gearbox	ZF 6-speed automatic Integrated retarder

### **Scania Irizar PB 6x2 – top-class luxury coach**

- Two- or three-axle luxury coach with elegant Irizar steel bodywork
- Generous comfort options and ample luggage space
- Hydraulically steered tag axle for superior manoeuvrability
- ESP (electronic stability program) optional
- High-performance 480 hp Euro 4 engine with Scania EGR
- Also available with new 440/480 hp Euro 5 engine with Scania EGR
- Exceptional torque and driveability, high efficiency
- Overdrive gearbox for relaxed cruising
- New instrument cluster with colour display and numerous extra features

Length	13.9 m
Height	3.85 m
Seating capacity	57+1+1
Door configuration	1-1-0
Luggage capacity	8 cu m
Engine	Scania 12-litre 480 hp 2250 Nm
Emission	Euro 4, Scania EGR (Euro 5 available)
Gearbox	Scania 12-speed overdrive with Scania Opticruise automated gearchanging and Scania Retarder

### **AVAILABLE FOR TEST RIDING**

#### **Scania OmniCity 4x2 – ethanol city bus, EEV**

- Blue two-axle low-floor city bus
- Scania Omni all-aluminium bodywork
- Transverse rear-mounted diesel-ethanol engine, 270 hp
- EEV compliant
- Up to 90% CO<sub>2</sub> reduction

Length	12.7 m
Height	3.0 m
Seating capacity	27+2
Door configuration	2-2-2
Engine	Scania 9-litre 270 hp 1200 Nm
Emission	EEV
Emission technology	Scania EGR
Gearbox	ZF 6-speed automatic Integrated retarder

## ENGINES ON DISPLAY

### **New 9-litre, EGR, Euro 5 and EEV**

- 230 hp, 1050 Nm  
at 1000-1500 r/min, Euro 5 and EEV
- 280 hp, 1400 Nm  
at 1000-1350 r/min, Euro 5 and EEV
- 320 hp, 1600 Nm  
at 1000-1350 r/min, Euro 5 and EEV
- 360 hp, 1600 Nm (buses and coaches)  
at 1000-1350 r/min, Euro 5 and EEV
- Scania XPI common-rail fuel injection
- Maintenance intervals up to 120,000 km

### **New 13-litre, EGR, Euro 5**

- 360 hp, 1900 Nm  
at 1000-1300 r/min, Euro 5
- 400 hp, 2100 Nm  
at 1000-1300 r/min, Euro 5
- 440 hp, 2300 Nm  
at 1000-1300 r/min, Euro 5
- 480 hp, 2500 Nm  
at 1000-1300 r/min, Euro 5
- Scania XPI common-rail fuel injection
- Maintenance intervals up to 120,000 km

### **New 16-litre V8s, SCR, Euro 5**

- 500 hp, 2500 Nm  
at 1000-1350 r/min, Euro 5
- 560 hp, 2700 Nm  
at 1000-1400 r/min, Euro 5
- 620 hp, 3000 Nm  
at 1000-1400 r/min, Euro 5
- Scania PDE unit injectors
- Maintenance intervals up to 90,000 km

### **New 9-litre diesel-ethanol, EEV**

- Diesel-ethanol engine runs on pure ethanol according to diesel principle
- 270 hp, 1200 Nm at 1100-1400 r/min, EEV
- Scania PDE unit injectors
- Available for trucks as well as buses
- Up to 90% CO<sub>2</sub> reduction

### **1936: Scania-Vabis' first own diesel engine**

- Pre-combustion diesel type 16641
- 6-cylinders
- 7.75 litres, 120 hp

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