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Spacious all-wheel-drive heavy-haulage tractor – tailored solutions are standard from Scania

Scania strives to find the best possible solution for each customer application, including services to support any deal. Living proof of this devotion are the innovative solutions on the Scania R 730 8x8 heavy-haulage tractor exhibited at Transport 2011 in Lillestrøm, Norway, tailored to provide high safety and mobility in specialised peace-keeping missions.

Powered by the 730 hp Scania V8, the vehicle has been purpose-built for heavy-haulage peace-keeping duties. It is an 8x8 tractor equipped with a high-mounted Scania CrewCab with space for two drivers and seating or resting facilities for an additional 4-6 persons. Comfort and convenience have had high priority since the crew needs to be able to arrive rested to a new destination. The fitting of ballistic protection has been foreseen in the design.

The choice of engine output and overall vehicle performance are guided by the potential need to quickly withdraw from a hazardous area without the heavy-haulage vehicles slowing down other units.

The vehicle features fully automated Scania Opticruise automated gearchanging with overdrive, 12 road-going ratios and twin crawler gears. The four axles are all equipped with hub reduction. The gross vehicle weight is 32 tonnes and the maximum gross train weight 120 tonnes.

The components come out of the Scania modular truck toolbox, which greatly facilitates access to parts and service. Being shared with other Scania vehicles in the fleet or on the market, these parts and components are already familiar to Scania service technicians. The vehicle is thus designed for easy servicing via the normal Scania network.

Also on display at Transport 2011 in Lillestrøm just north of the Norwegian capital Oslo are 12 other Scania trucks customised for a wide range of transport applications, including vehicles for long-haulage, hook-lifts, tippers, timber transport, animal transport, distribution, road sweeping/clearing and a fire engine. Most of the vehicles are fitted with Scania V8 engines because of the exceptionally demanding topography in Norway. V8 trucks account for around 60 percent of Scania's sales in Norway.

Technical data

Truck model	Scania R 730 8x8
Cab	Scania CrewCab, long version
Engine	Scania 16.4-litre V8 730 hp and 3,500 Nm
Emissions	EEV and Euro 5
Gearbox	Scania 12+2-speed with overdrive Scania Opticruise fully automated gearchanging Scania Retarder auxiliary braking
Axles	Four Scania hub reduction axles, permanent front-wheel-drive Geared for full-load cruising at 80 km/h
Suspension	Heavy-duty leaf springs front and rear
Chassis	High with extra heavy duty frame Axle distance 4,700 mm

For pictures and illustrations, see www.scania.com/media.

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Scania is one of the world's leading manufacturers of trucks and buses for heavy transport applications, and of industrial and marine engines. Service-related products is a growing proportion of the company's operations, assuring Scania customers cost-effective transport solutions and maximum uptime. Scania also provides financial services. Employing some 35,000 people, The company operates in about 100 countries. Research and development activities are concentrated in Sweden, while production takes place in Europe and South America, with facilities for global interchange of both components and complete vehicles. In 2010, invoiced sales totalled SEK 78 billion and net income amounted to SEK 9.1 billion.

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