



SCANIA GAS TRUCKS

# TOMORROW'S POWER TODAY



**SCANIA**

# HERE'S TO A CLEANER FUTURE

It's well-known that transport is a major source of carbon emissions. But now you can help reduce that impact and set the stage for sustainable transport solutions.

At Scania, we know that sustainability and profitability are strongly linked – that we all stand to gain from cleaner operations. With this insight, cities around the world are setting new standards for CO<sub>2</sub> emissions, particle emissions and noise pollution – while transport buyers

are increasing their demands. This requires a new and cleaner response from the transport industry.





# THE TAILORED SOLUTION

In finding the perfect fit, our well-known modular system and smart services have always been our biggest assets. Combining strength with smartness is simply our way of doing business. That is how you can be a forerunner in setting new environmental standards, rather than being overcome by them.

## Maintenance with Flexible Plans

Knowing exactly how your vehicles have been driven, how they perform and utilising all of those smart sensors is the best way to determine when you need to start planning for maintenance. With flexible maintenance based on your individual vehicle data, we can help you increase your time on the road and minimise downtime.

## Driver Training

The driver is one of the most important assets in the any operation. Training drivers to carry out their missions in the most safe and efficient way is therefore a good investment. We offer a series of modular driver training programmes with different focus areas, safety and performance being two of them.

## Fleet Management

Compiles you with analyses, correlation and presentation of the data from all of your vehicles into comparable metrics that help you both day-to-day and over time. All presented simply in the Scania Fleet Management Portal – so the data doesn't get in the way of running your operation, but rather enhances it.

## Financing solutions

Yes, these can contribute substantially to uptime, and enable predictable costs and manageable risks across the entire lifecycle. Although we are a global company, we act locally to ensure that your solution suits your needs, business and risks. We will help you optimise your financing costs, cash flow and tax by setting up the best financial plans.

## Fleet Care – Uptime Guarantee

With Scania Fleet Care you can focus on your core business, leaving the rest to a personal fleet manager who plans all service and maintenance of your fleet. The number of unplanned stops is reduced to a minimum and the planned stops will be scheduled according to your personal needs. With the new optional Uptime Guarantee covering all maintenance and repairs, planned and unplanned, any deviation from the agreed hours will be compensated



# ENGINEERING WITHOUT COMPROMISE

Through generations our gas engines have been continuously improved. So much so that today they, in fact, virtually match the performance and torque of a diesel engine.

Our gas trucks strike the perfect balance between low emissions, power and range – the 13-litre gas engine with its full potential for long haulage, construction and regional operations, and the 9-litre, which is perfect for regional and urban operations. Together, they enable us to offer clean tailor-made fleet

solutions, without the need for multiple fuels, regardless of your business. And with the option for PIEK low noise certification that enables extended operational hours. With the biogas-powered truck, you and your fleet are in the forefront of sustainable transport.

## Biogas and natural gas

In Scania gas trucks both biogas and natural gas can be used in parallel or blended, making the transition from one to the other simple. Both types of gas are also available either as compressed or cooled down as liquefied.

## Biogas



The CO<sub>2</sub> reduction of waste-based biogas compared to diesel is up to 90%.\*

\* Optimal CO<sub>2</sub> reduction compared to diesel, from a well-to-wheel perspective.



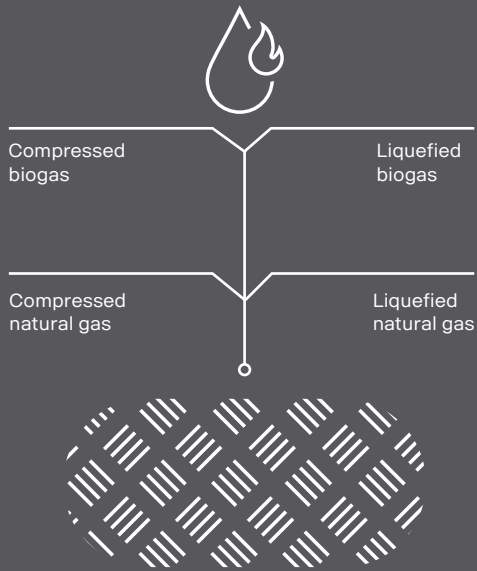


# COMPRESSED OR LIQUEFIED GAS

Both as compressed and liquefied, these are methane gases. Biogas can be generated from biodegradeable organic material and natural gas from pockets in the earth’s crust, and be used in parallel or blended. The key difference is the varying density in differing states. One unit of liquefied gas energy takes up three times less volume than one unit of compressed gas energy. Simply, this means that liquefied gas is denser and you can, therefore, get more energy than on a compressed gas vehicle.

## A tank range for the future

The tank range is optimised to suit your needs regardless if you want to use compressed or liquefied gas. Tank solutions for operating distances up to 650 km with compressed gas vehicle and up to 1,700 km with liquefied gas.



# MATCH IT RIGHT

Options are important, and we provide a lot of them. With a gas engine range fully comparable to our diesel options – there’s always a no compromise gas engine specification designed to match your fleet’s operation.



280 hp / 340 hp



410 hp

Opticruise / Alison transmission

Opticruise transmission



Waste handling



Construction



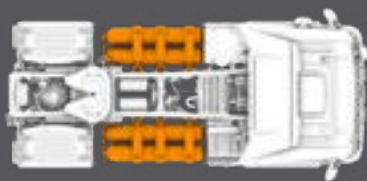
City distribution



Long haulage

# CBG / CNG

Compressed gas is stored at ambient temperature and high pressure with 200 bar as the normal storage pressure in most CBG/CNG applications. 1,000 litres of CBG at 200 bar pressure corresponds to approx. 200 litres diesel. The fuel tanks are available in packs of 4x80L, 4x95L bottles or 4x118L bottles with a driving range up to 650 km. CBG fuel tanks provide better ground clearance than LBG fuel tanks.



Articulated, compressed gas								
Wheel configurations	4 x 2			6 x 2 / 6 x 2*4			6 x 4	
Chassis height	Normal	Low / Normal		Normal	Low / Normal		Normal / High	
Axle distance (mm)	3350	3750	3950	3350	3750	3950	3750	3950
Fuel volume (l)	640	760 - 852	760 - 944	640	760 - 944	760 - 852	760 - 852	760 - 944

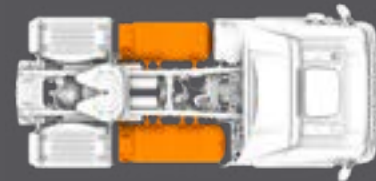


Rigid, compressed gas								
Wheel configurations	4 x 2			6 x 2 / 6 x 2*4			6 x 4	
Chassis height	Low / Normal			Low / Normal			Normal / High	
Axle distance (mm)	3350 - 3350	3750	3950 - 6350	3350 - 3350	3750	3950 - 6350	3750	3950 - 5550
Fuel volume (l)	640	760	760 - 944	640	760	760 - 944	760 - 852	760 - 944

Rigid, compressed gas					
Wheel configurations	8 x 4*4			8 x 2/*6	
Chassis height	Normal			Normal	
Axle distance (mm)	3350 - 3350	3750	3950 - 5350	4950 - 5150	5350 - 5550
Fuel volume (l)	640	760	760 - 944	760	760 - 944

# LBG / LNG

As noted before, one unit of liquefied gas energy takes up three times less volume than one unit of compressed gas energy. The high energy density of liquefied gas makes it perfect for regional and long haulage applications. The fuel tanks are available in sizes from 400 – 1,100 litres provide a driving range up to 1,700 km.



Articulated, Liquefied gas			
Wheel configurations	4 x 2		6 x 2
Chassis height	Extra low	Normal / low	Normal / Low
Axle distance (mm)	3750	3750 - 3850	3750 - 3850
Tank LH side (l)	233	406	406
Tank RH side (l)	233	None / 187 / 352	None / 187 / 352



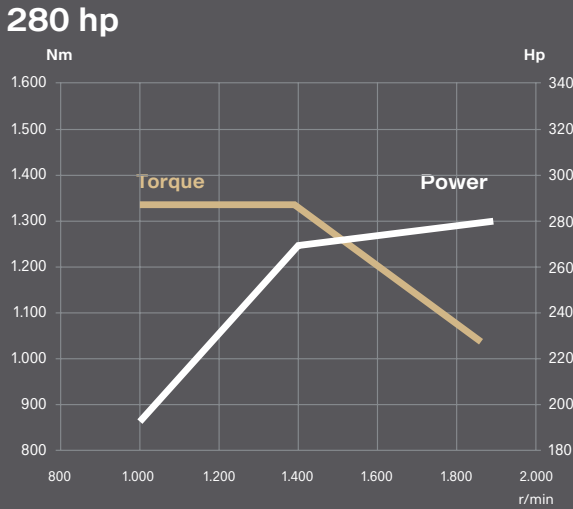
Rigid, liquefied gas					
Wheel configurations	4 x 2		6 x 2*4		8 x 2/*6
Chassis height	Normal	Normal / High	Normal / High	Normal / High	Normal
Axle distance (mm)	4150 - 4550	4750 - 6350	4150 - 4550	4750 - 6350	5550 - 6350
Tank LH side (l)	406	406/550	406	406 / 550	406
Tank RH side (l)	None / 352	None / 352/550	None / 352	None / 352 / 550	None / 352

# A COMPACT POWERHOUSE

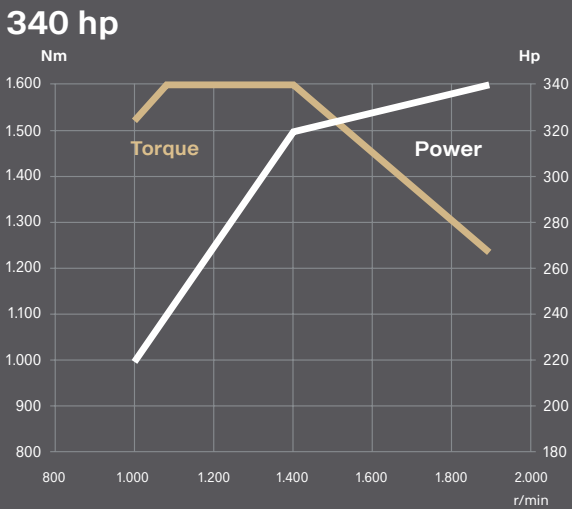
With this Scania 9-litre Euro 6 engine, two features highly enhance performance and drivability: the redesigned air inlet, helping the engine to breathe properly, and the cutting-edge ignition system, providing ultimate control for maximum performance.



**Engine**  
The Scania 5-cylinder Euro 6 gas engine range saves space and weight without compromising on performance or operating economy. With this Otto engine, count on a smooth, low noise driving experience.



**Swept volume:** 9.3 litres  
**Maximum power:** 280 hp (206 kW) at 1,900 r/min  
**Maximum torque:** 1,350 Nm between 1,000 and 1,400 r/min  
**Engine PTO:** 600 Nm  
**Euro 6 technology:** Lambda control, 3-way catalyst

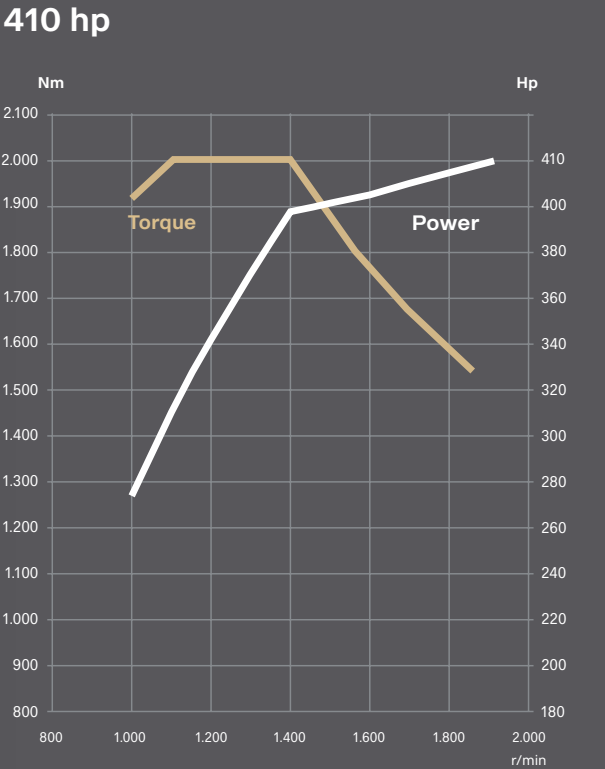


**Swept volume:** 9.3 litres  
**Maximum power:** 340 hp (250 kW) at 1,900 r/min  
**Maximum torque:** 1,600 Nm between 1,100 and 1,400 r/min  
**Engine PTO:** 600 Nm  
**Euro 6 technology:** Lambda control, 3-way catalyst

# HEAVY-DUTY PERFORMANCE

With this Scania 13-litre Euro 6 engine, two features highly enhance performance and drivability: the redesigned air inlet, helping the engine to breathe properly, and the cutting-edge ignition system, providing ultimate control for maximum performance.

**Engine**  
The Scania 6-cylinder Euro 6 gas engine range saves space and weight without compromising on performance or operating economy. This Otto engine provides a smooth but powerful driving experience.



**Swept volume:** 12.7 litres  
**Maximum power:** 410 hp (302 kW) at 1,900 r/min  
**Maximum torque:** 2,000 Nm between 1,100 and 1,400 r/min  
**Engine PTO:** 600 Nm  
**Euro 6 technology:** Lambda control, 3-way catalyst







