

# SCANIA



SCANIA GAS TRUCKS

# SUSTAINABLE POWER HERE AND NOW





# SUSTAINABILITY 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 biogas trucks strike the perfect balance between low emissions, power and range – the 13-litre biogas engine with its full potential for even the most demanding high-payload long haulage, construction and regional operations, and the 9-litre, which is perfect for regional and urban operations.

Together, they create an offer for clean tailor-made fleet solutions that works here and now – without the need for multiple fuels, regardless of your business. It is also possible to specify our biogas engines to meet strict noise regulations such as the PIEK-standard Quiet Truck in Europe. With biogas-powered trucks, you and your fleet are in the forefront of sustainable transport.

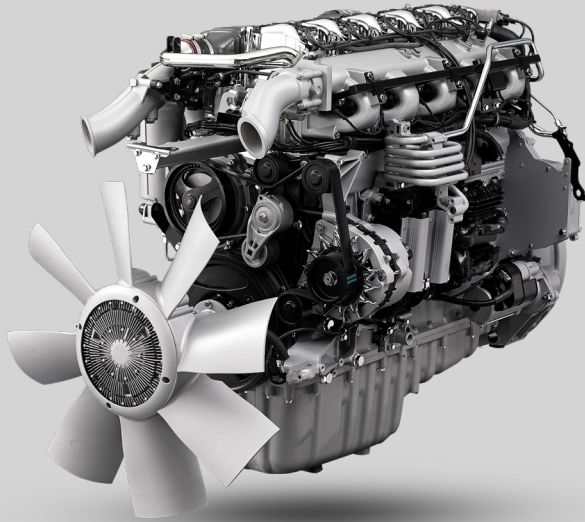
## **New gearbox and rear axle**

Our updated biogas trucks now use some of the same efficient components from our successful Super powertrain. The Opticruise G25 and G33 gearboxes deliver an almost seamless transfer of power through a wider gear ratio spread and lower internal friction, setting the highest industry standard for gearbox performance. The R756 single-reduction rear axle boasts an improved technical life length, a significantly reduced component weight, reduced levels of internal friction and an extended service interval – making it the leading choice for future transport operations.

## **5% fuel savings**

Thanks to improved efficiency over the whole powertrain, you can expect 5% fuel savings compared to the former generation gas engines – for lowered fuel costs and a range up to 1,800 km.

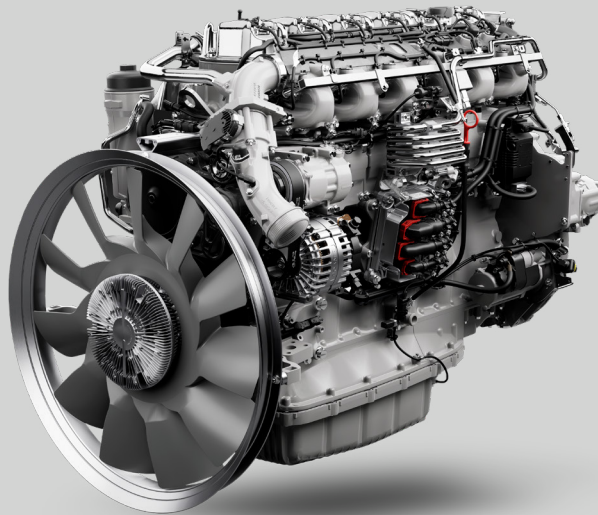




## COMPACT 9-LITRE POWERHOUSES

The Scania 9-litre gas engine strikes the perfect balance between low emissions, power and range for your city and suburban transportation needs. Matched with either type L, P, G or R cabs, and available with a range of gas tank options for cleaner, more sustainable

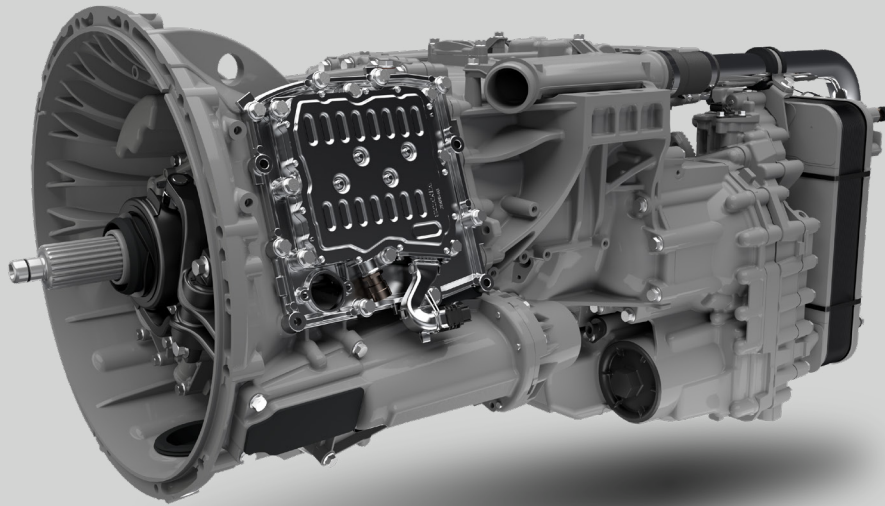
operation. This engine is a compact shell packed with raw power that gives you a significant noise reduction – making it suitable for smoother, quieter city operation. Choosing a gas-powered truck will put you and your fleet in the forefront of sustainable truck operation.



## 13 LITRES OF HEAVY-DUTY PERFORMANCE

With its full potential for long haulage and construction, but still uncompromised smooth-crawling capacity for city areas, it's hard to beat the new 13-litre Scania gas engine. Horsepower and torque previously only available in diesel engines, makes this our most powerful gas engine to date. Long haulage has never been this green – no matter how far away your destination is,

this sustainably takes you and your load where you need to go. And with the Scania Opticruise gearbox, find low fuel consumption and fast and precise gear shifting. Match it with either type G, R and now even our S cabs for ultimate comfort, and choose from a range of fuel tank options for cleaner, more sustainable operation.



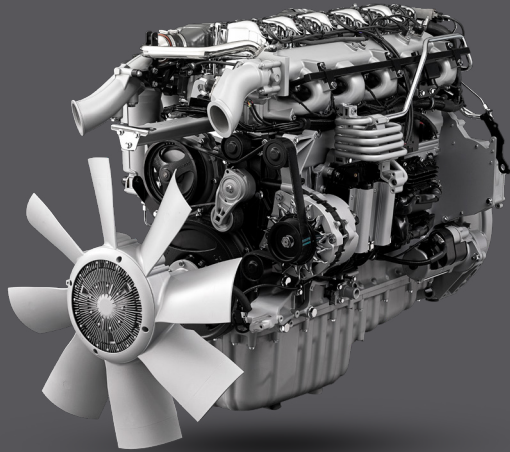
## OPTICRUISE GEARBOX G25

As a truly integral part of the complete powertrain, the wider gear ratio spread of the G25 gearbox, together with faster rear axle ratios, combine to deliver a powertrain that offers both great startability and low engine speeds.

As one of the smoothest, efficient and smartest gearbox systems on the market, the Scania Opticruise remains the leading choice for sustainable, fuel-efficient transport operations.

- Faster, smoother gearchanges, giving outstanding comfort and control
- Combines good startability with slow rear axle gear ratio
- Available in 12+2 speed versions, with crawler and overdrive
- Up to 8 reverse gears designed for optimal engine speed regardless of high or low vehicle speed
- Wide ratio spread ranging from a crawler gear, ratio 1:20,8 to an overdrive gear ratio of 1:0,777
- Adaptive shift strategy based on style of driving, load and inclination of the road
- Longer service intervals, resulting in higher uptime and reduced costs
- Oil change intervals greatly improved due to larger oil filters and the use of low-viscosity oil
- A more powerful, fuel-efficient, low-noise and low-weight clutch-driven power take-off (PTO) range
- A lightweight and compact yet robust aluminium housing design.

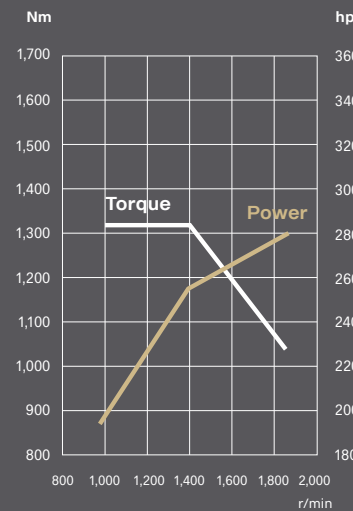
## THE 9-LITRE GAS ENGINE



With this Euro 6 Scania engine, two aspects highly affect 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. The 9-litre has the same heavy-duty chassis as other Scania trucks, and its service interval is 45,000 km, keeping your uptime high and maintenance costs low.

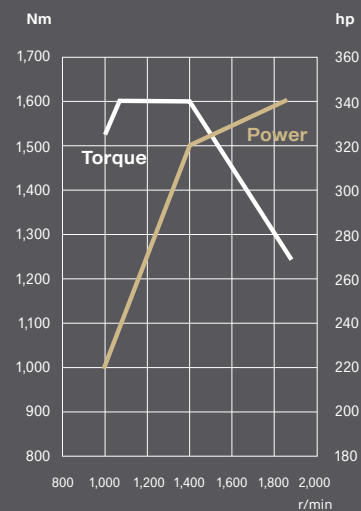
|                  |   |
|------------------|---|
| <b>Tanks</b>     | <p>The tank range is optimised to suit your needs regardless if you want to use compressed or liquefied gas. With Bio-CNG, there's the possibility to specify tanks in a lifted position for higher ground clearance.</p> <p><b>Bio-CNG:</b><br/>640 – 1080 l.</p> <p><b>Bio-LNG:</b><br/>Tractor up to 874 l.<br/>Rigid up to 1,100 l.</p> |
| <b>Gearboxes</b> | <p><b>Automatic</b></p> <p>Automatic gearbox with torque converter for smooth stop-and-go crawling for vehicles operating in busy urban areas.</p> <p><b>Scania Opticruise</b></p> <p>Robotised manual gearbox that brings low fuel consumption and fast and precise gear shifting.</p>   |
| <b>Engine</b>    | <p>The Scania 5-cylinder Euro 6 gas engine range saves space and weight without sacrificing performance or operating economy. With this Otto engine, count on a smooth, low noise driving experience.</p>   |
| <b>Cabs</b>      | L, P, G, R  |

### 280 hp gas



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

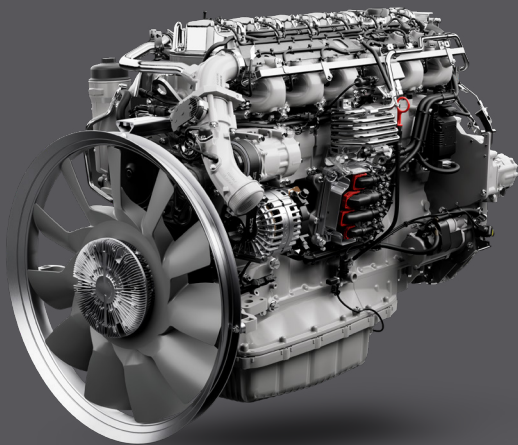
### 340 hp gas



|                           |                                       |
|---------------------------|---------------------------------------|
| <b>Swept volume:</b>      | 9.3 litres                            |
| <b>Maximum power:</b>     | 340 hp (250 kW) at 1,900 r/min        |
| <b>Maximum torque:</b>    | 1600 Nm between 1,100 and 1,400 r/min |
| <b>Engine PTO:</b>        | 600 Nm                                |
| <b>Euro 6 technology:</b> | Lambda control, 3-way catalyst        |



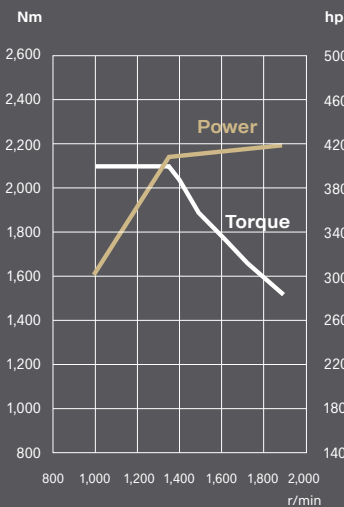
THE 13-LITRE GAS ENGINE



With this Euro 6 Scania engine, two aspects highly affect 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. The service interval is 45,000 km, keeping your uptime high and maintenance costs low.

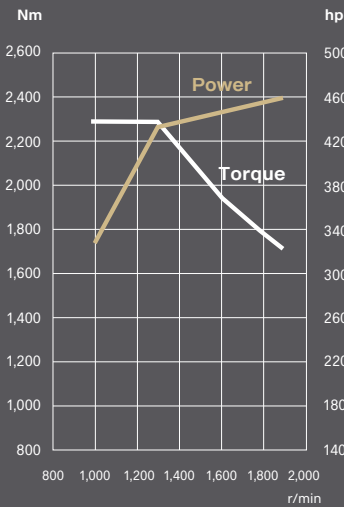
|           |   |
|-----------|---|
| Tanks     | <p>The tank range is optimised to suit your needs regardless if you want to use compressed or liquefied gas. With Bio-CNG, there's the possibility to specify tanks in a lifted position for higher ground clearance.</p> <p><b>Bio-CNG:</b><br/>640 – 1080 l.</p> <p><b>Bio-LNG:</b><br/>Tractor up to 874 l.<br/>Rigid up to 1,100 l.</p> |
| Gearboxes | <p><b>Scania Opticruise</b></p> <p>Robotised manual gearbox that brings low fuel consumption and fast and precise gear shifting.</p>  |
| Engine    | <p>The Scania 6-cylinder Euro 6 gas engine range saves space and weight without sacrificing performance or operating economy. This Otto engine provides a smooth but powerful driving experience.</p>   |
| Cabs      | <p>G, R, S</p>  |

420 hp gas



|                    |  |
|--------------------|--|
| Swept volume:      | 12.7 litres                            |
| Maximum power:     | 420 hp (309 kW) at 1,900 r/min         |
| Maximum torque:    | 2,100 Nm between 1,000 and 1,350 r/min |
| Engine PTO:        | 600 Nm                                 |
| Euro 6 technology: | Lambda control, 3-way catalyst         |

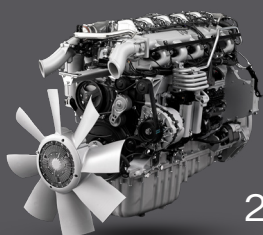
460 hp gas



|                    |  |
|--------------------|--|
| Swept volume:      | 12.7 litres                            |
| Maximum power:     | 460 hp (338 kW) at 1,900 r/min         |
| Maximum torque:    | 2,300 Nm between 1,000 and 1,300 r/min |
| Engine PTO:        | 600 Nm                                 |
| Euro 6 technology: | Lambda control, 3-way catalyst         |

# 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 sustainable no compromise gas engine specification designed to match your fleet's operation.



280 hp / 340 hp

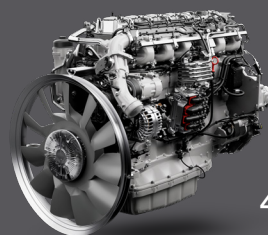
Opticruise / Allison transmission

L

P

G

R



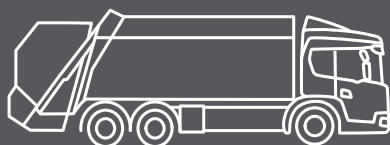
420 hp / 460 hp

Opticruise transmission

G

R

S



Waste handling



Construction



City distribution



Long haulage