



ŠKODA
SIMPLY CLEVER

PRESS RELEASE

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Eco-friendly and cost-effective alternative: the new ŠKODA OCTAVIA G-TEC

- › The new ŠKODA OCTAVIA G-TEC's 1.5 TSI produces 96 kW (130 PS)
- › CO₂ emissions in CNG mode are around 25 per cent lower than when running on petrol
- › Natural gas range of 500 km* in the WLTP cycle

Mladá Boleslav, 26 June 2020 – The new ŠKODA OCTAVIA G-TEC is designed to run on environmentally friendly compressed natural gas (CNG). The OCTAVIA G-TEC is fitted with a 1.5 TSI, providing 96 kW (130 PS), and achieves a range of 500 km* in the WLTP cycle when operated purely using this type of fuel. Three tanks installed in the underbody store a total of 17.33 kg of CNG. A 9-litre petrol tank ensures mobility in regions without suitable refuelling infrastructure. The new OCTAVIA G-TEC will be launched across Europe this autumn.

The 1.5 TSI in the OCTAVIA G-TEC is designed to run on natural gas and has an output of 96 kW (130 PS). This type of fuel burns more cleanly, resulting in CO₂ emissions in CNG mode that are around 25 per cent lower than when running on petrol; in addition, significantly less nitrogen oxide (NO_x) is emitted and no soot particles are produced. The engine is very efficient, thanks to, among other things, variable control of the intake valves according to what is known as the Miller combustion process. This enables consumption of 3.4 to 3.6 kg per 100 km in the WLTP cycle in CNG mode and 4.6 l per 100 km in petrol mode.

Boasting a CNG capacity of 17.33 kg, the OCTAVIA G-TEC has a range of 500 km* in the WLTP cycle in natural gas mode. When making use of the petrol in its 9-litre tank, the OCTAVIA G-TEC can cover a further 190 km*, giving it a total range of approx. 700 km*. Switching between CNG and petrol mode happens automatically without driver intervention.

The vehicle only accesses the petrol fuel supply in certain situations, such as when the engine is started after the CNG has been topped up, when the outside temperature is below -10 degrees Celsius, or when the gas tanks are so empty that the pressure drops below 11 bar. The OCTAVIA G-TEC features a specific layout in the Virtual Cockpit and can be easily identified by a badge at the rear. The hatchback's boot can hold 455 l, the COMBI's boot capacity is 495 l.

In CNG mode, CO₂ emissions are 25 per cent lower than those of a conventional petrol engine, even when using natural gas. By using 20 per cent bio-CNG, as is currently common in Germany, for example, the car's carbon footprint can be improved by as much as 35 to 40 per cent. Using fuel mixtures with an even higher percentage of bio-CNG, from plant residues and biological waste, leads to improvements of up to 90 per cent. This means that journeys under these circumstances are almost climate-neutral. Full climate neutrality can be achieved by using synthetic methane, which is produced with green electricity in a power-to-gas process. However, this procedure is still under development.

**This information is provisional and subject to change.*



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Eco-friendly and cost-effective alternative: the new ŠKODA OCTAVIA G-TEC

The new ŠKODA OCTAVIA G-TEC is designed to run on environmentally friendly CNG. The OCTAVIA G-TEC is fitted with a 1.5 TSI, providing 96 kW (130 PS), and achieves a range of 500 km* in the WLTP cycle when operated purely using natural gas.

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Eco-friendly and cost-effective alternative: the new ŠKODA OCTAVIA G-TEC

Boasting a CNG capacity of 17.33 kg, the OCTAVIA G-TEC has a range of 503 km* in the WLTP cycle in natural gas mode. When making use of the petrol in its 9-litre tank, the OCTAVIA G-TEC can cover a further 190 km*, giving it a total range of more than 700 km*.

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Eco-friendly and cost-effective alternative: the new ŠKODA OCTAVIA G-TEC

The OCTAVIA G-TEC is fitted with a 1.5 TSI, providing 96 kW (130 PS), and achieves a range of 500 km* in the WLTP cycle when operated purely using this type of fuel.

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- › is this year celebrating 125 years since the company was founded during the pioneering era of the automobile in 1895, making it one of the longest-established car manufacturers in the world.
- › currently offers its customers nine passenger-car series: the CITIGO, FABIA, RAPID, SCALA, OCTAVIA and SUPERB as well as the KAMIQ, KAROQ and KODIAQ.
- › delivered 1.24 million vehicles to customers around the world in 2019.
- › has been part of Volkswagen Group since 1991. Volkswagen Group is one of the most successful vehicle manufacturers in the world. In association with the Group, ŠKODA AUTO independently develops and manufactures vehicles, as well as components such as engines and transmissions.
- › operates at three locations in the Czech Republic; manufactures in China, Russia, Slovakia and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs approximately 42,000 people globally and is active in more than 100 markets.
- › is pressing ahead with the transformation from a traditional car manufacturer into the 'Simply Clever company for the best mobility solutions' as part of the ŠKODA 2025 Strategy.