



**NATURAL POWER**



**IVECO**

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## WHAT IS CNG?

CNG stands for **Compressed Natural Gas**. It is a version of the natural gas used in homes around the country, but is tailor-made for vehicles. Stored in tanks under a pressure of 200 bars, CNG is **cleaner and less harmful to the environment than diesel**.





## FOR OUR PLANET

Natural gas is an excellent alternative fuel for the road transport sector:

- CNG-powered engines emit far less carbon dioxide than their diesel equivalent, offering a 15 per cent reduction, rising to potentially 95 per cent in the case of biomethane fuel
- Air quality is also improved, with CNG engines emitting far less air pollutants: 70 per cent less nitrogen oxide (NOx), 99 per cent less particulate matter (PM), and 99 per cent less non-methane hydrocarbons (NMHC)
- Engine noise is also reduced by up to 50 per cent

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# NETWORK

The European authorities are encouraging the **rapid development of the gas distribution network**. By 2025, the distance separating service stations should be a maximum of 150 km for CNG and 400 km for LNG.

A list of CNG stations available in Great Britain can be found at <http://www.gasvehiclehub.org/maps>.

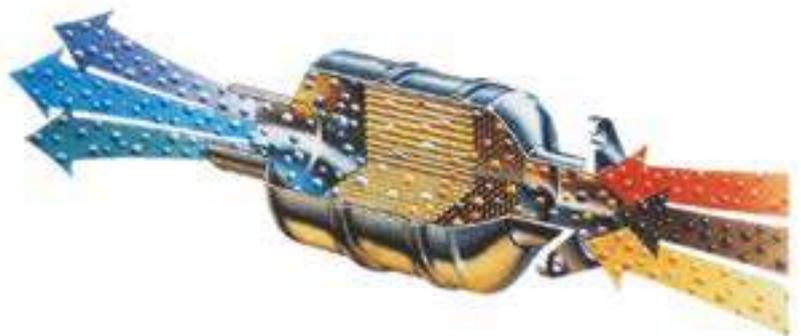
A list of LNG stations available in Europe can be found at <https://www.ngva.eu/get-directions>

The natural gas revolution is coming. Are you ready for Natural Power?



## RELIABLE

- No particulate filter
- No AdBlue
- No exhaust gas recirculation (EGR)
- Maintenance-free catalytic converter



## SAFE

CNG is an extremely safe fuel. Stored in hardened steel tanks that offer better resistance to collisions than normal diesel tanks, CNG only ignites when at a much higher temperature than liquid fuels. In case of a leak, the risks of fire are therefore distinctly lower than traditional alternatives. CNG is lighter than air and, if there is a leak, the gas dissipates into the air.



## EXPERIENCE

IVECO is the **European leader** in natural gas-powered commercial vehicles, and has **25 years' experience** researching alternative fuels for buses and light, medium and heavy commercial vehicles.

IVECO also offers the widest range of CNG-powered vehicles on the market, from 3.5-tonne vans to 44-tonne trucks ideal for long-distance road transport. In total, the brand has already sold more than 25,000 alternative fuel-powered vehicles, which have collectively travelled more than **1 billion kilometres**.

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## DAILY NATURAL POWER

Sustainable and powerful transport

The CNG-powered Daily Natural Power delivers the same performance as its diesel counterpart, in terms of **power, torque and response**. What's more, Daily Natural Power is available in the same wide range of **models** as the diesel series.

It is also **quieter**, and so more suitable for night-time deliveries in urban areas, as well as low-emission zones.

The Daily Natural Power is ideal for road transport professionals looking for an efficient way to **reduce their carbon footprint**.





## DAILY NATURAL POWER

specification



<b>Engine</b>	
Number of cylinders	4 in-line
Displacement	2,998 cm <sup>3</sup>
Emission standard	Euro VI
Maximum power	100 kW (136 hp) at 2,650 - 3,500 rev/min
Maximum torque	350 Nm at 1,500 - 2,730 rev/min
<b>Fuel tank</b>	
CNG	up to 302 litres
Petrol	14 litres (when specified)
Range	300 km
<b>Authorised weight</b>	
Maximum authorised weight	from 3.5 to 7.2 tonnes
Maximum weight of trailer	up to 3.5 tonnes
<b>Dimensions</b>	
Wheelbase	from 3,450 mm to 4,750 mm
Load volume	from 7.3 m <sup>3</sup> to 19.6 m <sup>3</sup>

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## EUROCARGO NATURAL POWER

The natural solution for the environment

The Eurocargo Natural Power is available in versions ranging from 11 to 16 tonnes, and equipped with a six-cylinder engine offering torque of 750 Nm, and 204 hp. Equipped with either a 9-speed manual gearbox or an automatic transmission, both the on-road performance and transport capacity of the Eurocargo Natural Power are identical to those of the diesel-powered Eurocargo. The CNG tanks are mounted along the side of the chassis, so as to avoid any reduction in load space. Its **low emissions** allow the Eurocargo Natural Power to travel into and around restricted traffic zones, while the reduced engine noise makes it perfectly suited for night-time work.





## EUROCARGO NATURAL POWER specification

<b>Engine</b>	
Number of cylinders	6 in-line
Displacement	5,880 cm <sup>3</sup>
Emission standard	Euro VI
Maximum power	150 kW (204 hp) at 2,700 rev/min
Maximum torque	750 Nm at 1,400 - 1,800 rev/min
<b>Fuel tank</b>	
CNG	480 litres
Range	400 km
<b>Authorised weight</b>	
Maximum authorised weight	from 11 to 16 tonnes
<b>Dimensions</b>	
Wheelbase	from 3,105 mm to 5,670 mm
Cab	Day, sleeper and crew cab options

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## STRALIS HI-STREET AND HI-ROAD NATURAL POWER

### Hi-sustainability

The **versatile** Stralis Hi-Street and Hi-Road Natural Power range meets a wide variety of transport requirements in terms of configurations and technical solutions. This is possible thanks to their Natural Power engine, which offers power levels of 270, 300 and 330 hp, and torque of 1,100, 1,200 and 1,300 Nm, respectively. In addition, the Stralis' cab was designed entirely around the needs and comfort of the driver. For unequalled comfort, safety, ergonomics and infotainment, the Stralis cab creates a working environment that maximises productivity in all circumstances.





## STRALIS HI-STREET AND HI-ROAD NATURAL POWER specification

Engine	
Number of cylinders	6 in-line
Displacement	7,800 cm <sup>3</sup>
Emission standard	Euro VI
Maximum power	200 kW (270 hp) at 2,000 rev/min 221 kW (300 hp) at 2,000 rev/min 243 kW (330 hp) at 2,000 rev/min
Maximum power	1,100 Nm at 1,100 – 1,735 rev/min 1,200 Nm at 1,200 - 1,760 rev/min 1,300 Nm at 1,200 - 1,785 rev/min
Fuel tank	
CNG	from 450 to 1,300 litres
Range (CNG)	from 200 to 550 km
LNG	525 litres
Range (LNG)	more than 750 km
Dimensions	
Wheelbase	from 3,800 mm to 6,300 mm
Cab	Day and sleeper cab options

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## NEW STRALIS HI-WAY NATURAL POWER

A revolution in road transport

The New Stralis NP is the first gas vehicle designed for **long-distance road transport operations**. Featuring a **400 hp** engine, which develops torque of **1,700 Nm**, the New Stralis NP is also the first gas vehicle to be equipped with an **automated gearbox**. The New Stralis NP's Hi-Way cab features an interior height of close to 2m, and more than 10 m<sup>3</sup> of internal space – for maximum comfort on the road. With a choice between one or two bunks, it includes modern infotainment devices and provides absolute comfort for the driver. The New Stralis NP also boasts a load capacity that's identical to its diesel counterpart, making the NP a strong contender for environmentally-friendly road transport operators.





## NEW STRALIS HI-WAY NATURAL POWER specification

<b>Engine</b>	
Number of cylinders	6 in-line
Displacement	8,700 cm <sup>3</sup>
Emission standard	Euro VI
Maximum power	294 kW (400 hp) at 2,000 rev/min
Maximum torque	1,700 Nm at 1,200 – 1,575 rev/min
<b>Fuel tank</b>	
CNG	920 litres
Range (CNG)	570 km
LNG	390 kgs
Range (LNG)	Circa 1,500 km
<b>Dimensions</b>	
Wheelbase	3,800 mm
Cab	Sleeper cab with high or low roof

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