

New Holland debuts next generation of alternative fuel tractors with T7.270 Methane Power CNG

- *New entry in New Holland's alternative fuel tractor portfolio, extending brand offering with Compressed Natural Gas technology and more power*
- *Tractor features an evolution of the methane-fueled engine currently used on the T6.180 Methane Power, to match T7 power and performance expectations*
- *Production set to start in second half of 2024 at New Holland's Alternative Fuels Centre of Excellence in Basildon, UK*

At Agritechnica 2023, New Holland Agriculture is not only presenting the next development of its T7 tractor family, but at the same time is announcing the expansion of the brand's alternative fuels product portfolio.

The **new T7.270 Methane Power CNG (Compressed Natural Gas) tractor** is making its global debut at the international fair, taking New Holland's alternative fuel technology further up the power scale, and allowing a broader range of potential buyers to benefit. With this new model, New Holland is adding a further important milestone to the Clean Energy Leader strategy and places us one step closer to achieving the ambitions of becoming a full liner brand in the alternative fuels range as well.

Based on the T7 with PLM Intelligence platform, with the latest Horizon Ultra cab, the tractor features the proven NEF 6.7-litre methane-fueled engine already established in the T6.180 Methane Power tractor, but with increased output to match the capabilities and performance expected from a T7 model tractor. The engine's **peak torque is 1,160Nm**, and it produces a maximum **270hp under all conditions**. This a new engine map, maximizing the performance that customers expect in this segment.

Greater productivity has been made possible by the New Holland design team's efforts to make full use of the T7's larger chassis to maximise on-board gas storage.

With a figure of **1,265 litres (219kg on board)**, the T7.270 CNG **holds 178% more fuel** than the T6.180 Methane Power (455 litres/79kg). The result is a tractor that is not only more powerful and capable of working with bigger implements, but can also complete many more working hours between refuelling stops, considerably increasing its productivity and range.

Because methane is a cleaner-burning fuel, **a selective catalytic reduction (SCR) system is not required**, freeing up space for fuel storage. Furthermore, the T7.270

Methane Power CNG can be used with all methane and biomethane sourced from livestock manure and slurry. It will make it the ideal solution for biodigester operators often running a fleet of multiple haulage tractors. In addition, it is suited to the demands of larger scale arable farms and contractors, and more complex commercial businesses conducting year-round varied applications with heavy-duty implements. The combination of methane power technology with proven New Holland T7 features is designed to offer potential customers a blend of low operating costs, autonomy, reliability and driver comfort.

The new T7.270 Methane Power CNG also features CVT - continuously variable transmission, proving a smoother driving experience and a more efficient fuel consumption. CVT makes this tractor particularly suitable for trailers weighing more than 18t, typically looking for this type of transmission and for more than 200hp.

While similar to the diesel-powered T7.270, the T7.270 Methane Power CNG differs in a few areas. Beneath the cab the design is significantly different, with new cab supports and the battery relocated to the left-hand side to free space for a larger gas tank. The cab itself is the **award-winning Horizon Ultra, the quietest in the industry**, with an interior noise level of just 66 decibels, minimizing operator fatigue and maximizing comfort. The Horizon Ultra offers 8% more internal volume, providing more operator room and storage space. Like other T7 models, the T7.270 Methane Power CNG benefits from New Holland's **PLM Intelligence solutions**, which integrate digital technologies to allow two-way transfer of machine and field data between the tractor and the MyPLMConnect online portal, allowing owners and managers to monitor machines, and dealers – with permission – to provide remote support.

The new T7.270 Methane Power CNG on display at the New Holland booth at Agritechnica 2023 also features the **New Holland Clean Blue color** launched at CNH Industrial Tech Day 2022.

Growth in the biogas sector – and why it is a perfect solution for tractor power

Data from the European Biogas Association show that **biogas installations continue to increase**. There are now over 17,000 biogas plants in the EU, including more than 11,000 in Germany, with France seeing the highest growth since 2017. The potential for biogas is constantly increasing, particularly as many government policies are moving subsidies away from crop-fed to waste-fed AD plants. Moreover, the same European Biogas Association announced 18bn€ investments in biomethane plants spread all around Europe, between now and 2030.

“We believe it is strategically important to invest in methane, and especially biomethane, to offer buyers the best alternative fuels for the future,” says **Carlo Lambro**, Brand President of New Holland Agriculture. “Demands for more power to make tractor

operations more efficient continue to grow. New Holland's approach is to fulfil these demands while helping customers maximize profitability, matching this with the requirement for an alternative to diesel to meet the need for sustainability in the sector."

Oscar Baroncelli, New Holland Agriculture Head of Tractors and Telehandlers, says: "Whether or not they have experienced a methane-powered tractor, we are confident the T7.270 Methane Power CNG will meet the expectations of farmers and contractors who need this size of tractor. We pioneered commercial production of this type of tractor power with the T6.180 Methane Power. With that model now established and in production at Basildon, the time is right to underline our commitment and add the T7.270 Methane Power CNG, making this technology suitable for an even wider range of uses."

The first production T7.270 Methane Power CNG tractors are undergoing testing during summer 2023, and units will be **available to purchase in the second half of 2024**.

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New Holland Agriculture's reputation is built on the success of our customers, cash crop producers, livestock farmers, contractors, vineyards, or grounds care professionals. They can count on the widest offering of innovative products and services: a full line of equipment, from tractors to harvesting, material handling equipment, complemented by tailored financial services from a specialist in agriculture. A highly professional global dealer network and New Holland's commitment to excellence guarantees the ultimate customer experience for every customer. For more information on New Holland visit www.newholland.com

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For more information contact:

Alice Brignani

New Holland Agriculture, PR & Sustainability, Global and EMEA

Phone: +39 347 2126801- alice.brignani@newholland.com

www.newholland.com