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New T7.290 and T7.315 Tractors Deliver High-Powered Performance with Class Leading Efficiency

- *High power, responsiveness and efficiency*
- *Excellent manoeuvrability, traction, soil protection*
- *Maximum comfort, minimum fatigue*
- *Leading edge connectivity that maximises productivity and efficiency*

New Holland expands its tractor offering with two brand new models, the T7.290 and T7.315, to meet the demand for growers needing increased power, but the versatility to perform numerous jobs. These new T7 series tractors deliver power without compromise, class-leading torque and high efficiency. These models offer growers unparalleled versatility for performing a wide range of field and haulage jobs. Primary and secondary cultivations, drilling, baling, mowing and haulage tasks all fall within the capabilities of these new T7 models. The Horizon cab provides a quiet and supremely comfortable operating environment, along with precision technology that enables growers to optimize efficiency and performance, while staying connected with their entire farming operation. These new models also feature New Holland's revolutionary IntelliCruise™ tractor-baler automation that allows the New Holland BigBaler to control the tractor's speed according to changes in the windrow to maximise productivity and bale consistency.

"These new models are perfect for farming operations that need the power of a large-frame tractor with the versatility of a medium-frame unit," explains Sean Lennon, Head of Tractors, Telehandlers and PLM Product Management. "They can take on tasks that you would usually associate with a larger tractor while having the features to deliver great efficiency for PTO implements and transport work. They are ideal for farms and contractors whose tractors have to multi task."

High power, responsiveness and efficiency

A fundamental design input of the T7.290 and T7.315 was to improve vehicle efficiency to new levels. The engine features New Holland's ECOBlue™ Hi-eSCR (High-Efficiency Selective Catalytic Reduction) technology to meet Tier 4B emissions standards. This after-treatment system, which has no CEGR or DPF, allows the engine to optimise combustion, torque and fuel efficiency, maximising power output from each cylinder. An electronically controlled variable geometry turbocharger delivers the torque required to operate at low engine speed and react quickly to load changes.



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These new T7 series models also feature New Holland's award-winning Auto Command™ continuously variable transmission (CVT) with four direct drive points with 100% mechanical efficiency. These points have been positioned to ensure they match perfectly to the most frequently used speeds during high-speed field work such as baling or mowing, high-speed transport and heavy draft work.

For PTO work these new T7's lead the field. A four speed rear PTO and a two speed front PTO allow the engine to be operated as efficiently as possible. If mowing in light crop conditions the operator simply uses the in cab speed shift to select 1000 rpm Economy for the front and rear mowers and then starts counting the fuel savings.

Hydraulic circuits have been redesigned to reduce parasitic losses, no oil moves on these tractors unless it is required, and with a 220 l/min pump available significant oil flow can be obtained at low engine speeds, again delivering fuel savings.

Excellent manoeuvrability, traction, soil protection

The two new T7 models can mount larger group 48 and 49 tyres (2050mm and 2170mm diameters) with a rear tyre width up to 900mm. This results in excellent traction and, most importantly, minimal soil compaction. An added benefit for the driver is the ability to monitor the tyre pressure on the IntelliView IV display: they can set the ideal pressure for the job they are performing and monitor the pressure on up to 16 tyres and receive a warning if the tyre pressure moves away from the set values, enabling them to optimise traction and minimise soil compaction and benefit from an early warning if a tyre is punctured, on a trailer for example. For enhanced manoeuvrability, the ABS SuperSteer option can reduce the turning cycle by up to 50% by automatically applying the inner brake as field turns are made.

Maximum comfort, minimum fatigue

The Horizon cab offers the premium comfort levels of T7 models with extremely quiet operation at just 69 dB(A), the new generation Auto Comfort™ ventilated seat with the quality trim of a luxury car, and the standard SideWinder II armrest. The new seat, together with the standard Comfort Ride™ suspension and new generation heavy-duty suspended front axle, provide an exceptionally smooth and cushioned ride. Combining this comfort with the commercial vehicle systems of ABS and an exhaust brake, the T7 becomes a benchmark for haulage work. At night all becomes clear with up to 20 LED worklights, the 360° packages leaves nothing in the dark.

Leading edge connectivity that maximises productivity and efficiency

The T7.290 and T7.315 automation features such as the latest generation Headland Turn Sequencing, IntelliSteer auto guidance and PLM™ Connect telematics, put the driver in full control of the tractor.

The new models also feature New Holland's IntelliCruise™ ISOBUS Class 3 tractor-baler automation technology that enables the baler to control the tractor's speed to optimise feed rate and produce constant flake thickness. The new T7 series tractors are engineered to be the perfect match for New Holland BigBalers and operators will see their productivity soar with this revolutionary feature.

MODEL	RATED POWER	MAX POWER
T7.290	270 hp	290 hp
T7.315	300 hp	313 hp



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Press contacts:

Sara Sebastianelli, New Holland Agriculture. Phone: 01268 295 268
email: sara.sebastianelli@newholland.com

Rebecca Dawson, Ware Anthony Rust. Phone: 01223 272800
Email: rebecca.dawson@war.uk.com



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