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New Holland Launches New Tier 4B Compliant T7 Tractor Range: New Styling, More Performance, Greater Comfort

- *New styling brings functionality with style*
- *ECOBlue™ HI-eSCR technology delivers higher power levels*
- *Productivity-boosting features include new LED work lights package and ISOBUS Class III*
- *Advanced braking technology brings safety and performance*
- *Industry-leading Horizon™ cab offers a smooth ride and ultimate comfort*



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New Holland Agriculture introduces its new tractor styling with the new T7 Series featuring its ECOBlue™ HI-eSCR technology for compliance with Tier 4B emissions standards. The new eight-model range, which includes a new standard wheelbase model with an impressive peak power of 225 horsepower, delivers more power and bristles with productivity-boosting features. Luca Mainardi, Head of Tractor and Precision Land Management Product Management, commented: “The new T7 offers the best of New Holland’s technologies and features. Great attention to detail has been devoted to provide farmers with a powerful and highly versatile tractor that will enable them to achieve the highest levels of productivity with ease while enjoying ultimate comfort.”

New styling brings functionality with style

The new T7 Series has been completely restyled resulting in a sleek, aggressive new styling that marries form and functionality. Housed in the new engine hood are New Holland’s trademark cat eye lights that now include LED signature lighting. The sleek lines of the hood features extended blue side panels which provide improved protection from dirt and debris from entering the engine compartment while new side vents add a further styling element. Service access to filters and the cooling package is as easy as ever with an integrated release handle in the left side of the grille. The slim roof line with distinctive gullwing-like profile features an array of adjustable powerful LED working lights, further improving visibility after dark. Attention to small details such as an integrated radio antenna illustrates that functionality can be retained with style.

ECOBlue™ HI-eSCR technology delivers higher power levels

The new T7 Series features a 6-cylinder engine and ECOBlue™ HI-eSCR technology developed by FPT Industrial that meets Tier 4B emissions standards without the need for Exhaust Gas Recirculation or Diesel Particulate Filter.



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The high efficiency after-treatment system ensures that there's no need to compromise the combustion efficiency in order to reduce emissions, producing power is the engine's only task. This freedom has allowed New Holland to increase the upper power levels of both wheelbase versions of the T7. Rated power of the long wheelbase increases by 5% while the standard wheel base climbs by 9% to a 180 hp. Add 45 hp of Engine Power Management to this and the T7.225 is a mighty powerful tractor for its dimensions and weight. To maximise the potential of this package tyres as large as 710/70R38 are now available on the standard wheel base.

Don't just focus on the high power though. With their HI-eSCR technology New Holland are still able to offer customers a 6 cylinder T7 at a relatively low power level. Many operators will always choose the advantages of a 6 cylinder tractor over a 4 cylinder model; at a rated power of 140-hp rising to 175-hp with Engine Power Management the exclusive T7.175 retains those benefits for the customer.

Productivity-boosting features include new LED work lights package and ISOBUS Class III

The new T7 Series bristles with productivity boosting features that enable the operator to work most efficiently. The all-new lighting offering features up to 16 LED cab work lights that provide a true 360-degree and far-reaching spread of light which is five times greater than before at 31,000 lumens. All the work lights are integrated in the roof; the front corner 360-degree ones have a large arc of adjustment able to point rearwards, for example downwards at a verge mower or towards the outer edge of wide implement. The rear 360-degree corner lights can be switched off independently to avoid glare, typically when unloading alongside a harvester. With these class-leading LED work lights packages, operators are able to work long after dark comfortably, safely and productively.

Increased productivity comes with easy to use automation. A new 2nd generation Headland Turn Sequencer II has been developed. Controlled through the now standard IntelliView™ IV touch screen, HTS II enables complex headland turns to be created by recording a turn 'live' or creating one by selecting actions and trigger points from a menu. Everything from selecting the target speed of the Auto Command transmission to switching to an implement camera view is programmable and editable. It's then placed under the control of a single button. What more can you automate? How about if your implement took control of the tractor? With the new T7 comes ISOBUS Class III architecture which allows a compatible implement, a New Holland BigBaler for example, to control the tractor including its speed.

Further additional features include adjustment of the power shuttle clutch engagement time and Remote Valve Management. This allows any two hydraulic remote valves to be assigned to the quad switch on the CommandGrip multi-function handle.

At the front end the long wheel base models get a new integrated front linkage with a higher capacity PTO, while the standard wheelbase front end loader option features a wider frame loader for improved visibility and stability.



Advanced braking technology brings safety and performance

The T7 range brings to farms braking systems that you only normally find on commercial road vehicles. Available on the T7.230 models and above, the advanced braking technology of the award-winning anti-lock system (ABS) manages the brakes of each wheel individually, increasing vehicle stability when braking on greasy surfaces, a very desirable option for those involved in high levels of road transport work. In addition, ABS SuperSteer enables the tractor to execute tight turns in the field by automatically braking the rear inside wheel as the steering wheel is turned. An ABS trailer power socket and an exhaust brake are also individual options on all T7 models. The exhaust brake feature reduces the requirement to use the normal service brakes when descending gradients, the engine's cylinder compression being utilised to hold the tractor's speed. Finally, wider frame modular trailer hitches increase flexibility at the rear of the tractor.

Industry-leading Horizon™ cab offers a smooth ride and ultimate comfort

New Holland's Horizon™ cab's all round visibility is enhanced with the new single piece front screen offering a perfect view. Longer front fenders offer improved protection from mud while a wiper mounted screen wash nozzle keeps the view clear. For those colder mornings there's the convenience of heated front and rear screens as an option.

The new T7 Series offers the best line-up of seats in the industry, with a choice of three levels of comfort: Comfort, Dynamic Comfort and Auto Comfort. The Comfort seat utilises a low frequency suspension design. The Dynamic Comfort seat features an enhanced low frequency suspension and a variety of comfort enhancing features, such as the automatic shock absorber adjustment, pneumatic lumbar support and two-stage heater. Both seats feature an innovative swivelling backrest designed to provide upper back support while enabling the operator to turn and look back. The Auto Comfort active seat with incorporated climate control reduces whole body vibration by up to 40% compared to a low frequency seat, while extraction fans within the seat remove moisture, lowering surface humidity and temperature. The finishing touch is the seat trim, covered in high quality cloth or leather, finely stitched; they are more akin to a super car than a tractor. The only place you'll find more style than a T7 is the new Blue Power T7. The now familiar high quality metallic blue and silver paint finish is complemented with a unique seat and carpet. Loaded with an envious level of standard equipment Blue Power models set the benchmark for tractor style.

Levels of tractor stability and comfort are increased on the standard wheelbase models levels with the introduction of new double acting control logic on the Terraglide™ suspended front axle. The T7.230 model and above retain the advanced semi-active 'Skyhook' logic.



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T7 Tier 4B HI-eSCR Range				
Model	Wheelbase standard axle (mm)	Transmission Type	Rated horsepower (hp [cv])	Maximum Engine Power Management Horsepower (hp [cv])
T7.175	2734	Range Command, Power Command, Auto Command	140	175
T7.190	2734	Range Command, Power Command, Auto Command	150	190
T7.210	2734	Range Command, Power Command, Auto Command	165	210
T7.225	2734	Auto Command	180	225
T7.230	2884	Power Command, Auto Command	180	225
T7.245	2884	Power Command, Auto Command	200	245
T7.260	2884	Power Command, Auto Command	220	260
T7.270	2884	Auto Command	240	270

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