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New Holland Boomer™ 54D Compact Tractor Upgraded With Tier 4B Technology Delivers Superior Operating Experience

- *Clean Tier 4B low emissions technology*
- *EasyDrive™ continuously variable transmission – unique in its segment*
- *Superior comfort with the SuperSuite™ cab and interior upgrades*

New Holland's Boomer™ Series compact tractors has been further enriched and upgraded with the launch of the new Tier4B compliant Boomer™ 54D, which runs a new Common rail FPT Industrial engine and delivers a superior driving experience with the SuperSuite cab and EasyDrive continuously variable transmission.

"The 54D Boomer™ tractor is the ultimate power tool, the perfect combination of superior operator comfort and optimal performance. This is achieved with the EasyDrive continuously variable transmission, the Tier 4B compliant engine and a host of features that enable the operator to get the job done with great efficiency and comfort," Stated Luca Mainardi, Head of Tractor and Precision Land Management Product Management. "It will appeal to municipalities, private estates and sports facilities alike. At the same time it is perfect for large scale operations and can be specified with tyres suitable for turf care management."

Clean Tier 4B low emissions technology

The New Boomer™ 54D is powered by a new 2.2 litre, 3 cylinder turbo charged Common Rail engine to optimize performance and fuel consumption with New Holland's unique Particulate Matter Catalyst (PM-Catalyst) technology for Tier 4B compliance. Developed by New Holland's sister company, FPT Industrial, this engine produces 53 hp and maximum torque of 180 Nm. In line with New Holland's Tier 4 compliance plan to provide the most efficient solution for each range of tractors, the Boomer™ tractor is meeting Tier 4B emissions standards through a combination of Internal Exhaust Gas Recirculation (EGR) to control Nitrogen Oxides and a PM-Catalyst to capture and manage Particulate Matter (PM) in the exhaust system. This solution is maintenance free and without DPF regeneration; there is no need for the operator to press any buttons to activate it.

Internal EGR is a system that reduces Nitrogen Oxides (NOx) formation during combustion by recirculating a controlled quantity of exhaust gas into the air intake. The residual particulate matter is eliminated by the PM-Catalyst that "cleans" the gas before it leaves the exhaust.

The combination of EGR and PM-Catalyst is New Holland's solution of choice for its lower horsepower tractors (under 75 hp): it is ideal because the system can be neatly contained within the engine compartment so the tractor remains compact in size.



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EasyDrive™ continuously variable transmission – unique in its segment

The Boomer™ 54D features New Holland's EasyDrive™ continuously variable transmission (CVT). It is the only tractor in this segment with this type of transmission, which brings big-tractor ease of operation to the compact Boomer™ range. The CVT enables infinite speed adjustments up to 33 kph. This allows operators to precisely adjust their speed to the task in hand, whilst reducing in-cab noise and enhancing operator comfort. Braking is smooth and steady, and automotive-style cruise control enables operators to maintain, fine tune or resume working speeds. In addition, an advanced reactivity setting means they can adjust acceleration and deceleration to suit their individual driving style or application. The EasyDrive™ transmission is very easy to operate with the left hand dedicated reverse/forward shuttle and drive-like-a-car features such as the single "Go" pedal. With the introduction of the electronic Common Rail Engine, now the engine and transmission electronics work together to deliver a better overall transient response and a smoother drive.

Superior comfort with the SuperSuite™ cab and interior upgrades

The Boomer™ 54D features a host of upgrades conceived to improve operator comfort, visibility and functionality. The SuperSuite cab offers the largest interior space in the industry for comfortable operation, while the wide entry threshold provides easy access. The low profile enables the Boomer™ 54D to drive under a 2.4 metre opening with ease. Visibility is excellent both forward and to the rear. The hood design makes easy to see front-mounted attachments and the unobstructed rear view to the drawbar, makes attaching rear implements easier than ever.

Like all Boomer models, the Boomer™ 54D has electro hydraulically engaged rear and optional mid PTOs. A full range of front- and rear-mounted implements and mid-mount mowers are available to make short work of any task. This, together with the other features, makes the New Holland Boomer™ 54D the ideal compact tractor for small land owners, municipalities, and businesses providing ground maintenance for residential and commercial customers, as well as sports facilities. It is very well suited to tasks such as installation and maintenance of turf, landscaping and hardscaping. Dairy, livestock, or cash crop farmers will find it very useful to carry out tasks around the farm yard, as well as pasture and building maintenance, and a variety of non-field jobs such as mowing or material handling.

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