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New Holland launches upgraded T4 PowerStar™ series at Cereals 2014: improved performance and reduced fuel consumption

- *Common Rail engine technology with PM Cat for Tier 4B compliance: up to 13% lower fuel consumption and improved response*
- *Enhanced operating comfort: dedicated baler bar*

New Holland has significantly upgraded the T4 PowerStar™ series, which is the first in Europe to feature PM Cat (Particulate Matter Catalyst) technology for Tier 4B compliance. Showcased for the first time in Europe at Cereals 2014, it also benefits from Common Rail technology for lower fuel consumption and improved operating productivity and efficiency. “The T4.55-65-75 PowerStar™ range is a hit amongst livestock and small scale farmers.” Stated Luca Mainardi, Head of Tractor and Precision Land Management Product Management. “Its ease of use and segment leading comfort is perfectly complemented by up to 13% fuel savings and state-of-the-art and exclusive PM Cat technology for Tier 4B compliance.”

Common Rail engine technology with PM Cat for Tier 4B compliance: up to 13% lower fuel consumption and improved engine response

The T4 PowerStar™ series is powered by a 3.4 litre, Common Rail F5C engine with PM Cat technology for Tier 4B compliance. Developed by New Holland’s sister company, FPT Industrial, the PM Cat is located in the exhaust system downstream of the diesel oxidation catalyst. When particulate matter contained in the exhaust gas passes through it, it is burned off. This filter never blocks due to the high flow of exhaust gas, and does not require regeneration. This system requires no additional efforts from the operator to activate the cleansing process and best of all, the system is absolutely maintenance free, an industry first. To date, FPT Industrial has produced 500,000 engines with PM Cat technology and the system has been designed to last the life of the product.

New Holland introduced Common Rail engines to agriculture in 2003, and today’s T4.55-65-75 PowerStar™ series benefits from this technology. Precision fuelling enables enhanced response when the engine is placed under load. Moreover, as exactly the precise quantity of fuel required is injected, fuel savings of up to 13% have been achieved. The flat engine curve between 1900-2100rpm maintains maximum power over a larger working range for improved operational flexibility, especially when working with power hungry implements such as forage wagons.

A power-to-weight ratio of 30.4 kg/hp delivers outstanding productivity while reducing yield-impacting in-field compaction.



PRESS RELEASE

The T4 PowerStar™ already industry-leading service intervals have been further extended by 20% to 600 hours, resulting in higher productivity and lower downtime and operating costs.

Enhanced operating comfort: dedicated baler bar

Operator comfort is of paramount importance to ensure productivity at the end of a long working day, as such the T4 PowerStar™ best-in-class cab has been further enhanced with the addition of an optional dedicated baler bar, which is used to mount in-cab monitors, such as those for balers and wrappers. Its location, to the right of the operator, means that it is in the ideal line of sight when working.








PRESS RELEASE

Model	Maximum Power (hp[cv])	Maximum torque (Nm)	Maximum lift capacity (kg)*
T4.55 PowerStar™	58	244	2760
T4.65 PowerStar™	64	275	2760
T4.75 PowerStar™	74	309	2760

*With 1 auxiliary ram

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