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New Holland launches all-new TC5000 five strawwalker combine range, enhancing comfort and capacity

- Harvest Suite™ Comfort cab: ergonomic and intuitive operation makes it the most comfortable cab in the value segment
- InfoView™ II Monitor: at a glance harvesting analysis
- Award-winning Opti-Fan™ system: neutralise the effects of slopes on the cleaning system
- SmartSieve™ technology: increase cleaning capacity on slopes by up to 30%
- Distinctive New Holland harvester styling
- Dual-Chop™ system: super fine residue chopping
- Heavy duty Varifeed™ headers and up to 6400 litre grain tank: improved capacity and autonomy
- Precision moisture sensing enhances grain quality

New Holland has completely upgraded the TC5000 range of 5 strawwalker, conventional combines, which now offers premium comfort and a whole host of advanced harvesting features. The market leader in its segment, the TC5060, TC5070 and TC5080 develop between 175 and 258 harvesting horsepower. The range is set to offer the world's mid-sized arable farmers and large scale livestock operations, cooperatives and contractors harvesting satisfaction and unsurpassed operating comfort and productivity.

“The new TC5000 range is the culmination of many years of continuous development since 1992. The 50,000th TC combines will be produced in 2013, testament to its enduring success.” Stated Hedley Cooper, Head of Harvester Product Management. “We have completely redesigned the range, with many premium features including the all-new Harvest Suite™ Comfort cab, which will set the standard in this segment, multi-award winning Opti-Fan™ technology, together with the productivity boosting heavy duty Varifeed™ headers.” The TC5070 and TC5080 are also equipped with ECOBlue™ SCR technology engines for Tier 4A compliance, which reduces fuel consumption by up to 10%.

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Harvest Suite™ Comfort cab: ergonomic and intuitive operation makes it the most comfortable cab in the value segment

The Harvest Suite™ Comfort cab embodies farmer-focused design and is the fruit of years of continuous customer consultation to deliver ultimate comfort to improve productivity. Both the suspended cab and the air suspended seat work to reduce vibrations reaching the operator for a silky smooth ride. The cab itself is 27% larger with a 23% increased glazed area, for enhanced visibility. Furthermore, at an amazing noise level of 74dBA, it offers whisper quiet operation.

The redesigned right hand console contains all principal controls to enable intuitive calibration of key harvesting parameters including sieve settings. The ergonomic CommandGrip, familiar to users of the T6, T7, T8 and T9 tractor ranges, manages all header and unloading operations. The adjustable console can also be positioned precisely for outstanding, customisable comfort.

Six roof-mounted and two header lights illuminate the field ahead to maintain night time harvesting efficiency and safety. A Bluetooth MP3 radio, a removable cool box and a full-sized instructor seat add a touch of harvesting luxury.

InfoView™ II Monitor: at a glance harvesting analysis

The easy to read InfoView™ II Monitor, located on the A-Pillar, has been placed within the natural viewing arc so key parameters can be consulted while continually looking at the field ahead. Moreover, its slim-line design maintains outstanding visibility. The monitor is divided into five sections, each displaying specific information including threshing settings, harvesting status including grain tank fill level and fuel gauges. The intuitive keypad guarantees direct and easy navigation.

Award-winning Opti-Fan™ system: neutralises the effect of slopes on the cleaning system

The optional Opti-Fan™ system, also found on the flagship CX and CR ranges, compensates for the impact of up and downhill slopes on harvesting performance. The operator sets the fan speed on level ground which the system automatically adjusts it when the harvester goes up or downhill. When travelling on upward slopes the speed is reduced to ensure the material does not travel too quickly over the sieves causing losses, when



tackling downhill gradients it increases the speed to prevent build-up of material on the sieves. This efficient system provides a better grain sample, reduced losses and maintains capacity in rolling field conditions.

SmartSieve™ technology: increase cleaning capacity on slopes by up to 30%

The optional SmartSieve™ technology is ideal for operations which work on undulating terrain. This system automatically changes the throw angle of the grain on the sieve, and can compensate for side slopes of up to 25%, by preventing build-up of grain and straw. This increases cleaning capacity by up to 30% when working in heavy load conditions.

Distinctive New Holland harvester styling

The new TC5000 models boast new distinctive styling, reminiscent of the flowing lines and iconic curves of the CR and CX combines which further enhances the TC5000 field presence.

Heavy duty Varifeed™ headers and up to 6400 litre grain tanks: improved capacity and autonomy

The most demanding operations will choose the 4.87 – 6.03 metre heavy duty Varifeed™ headers, featuring up to 575mm of knife adjustment which delivers outstanding crop-to-crop flexibility in all working conditions. The optional, AutoFloat™ II technology automatically adjusts header height to follow ground contours which prevents bulldozing when travelling uphill and to maintain uniform stubble height when travelling downhill.

The grain tank size has been increased to 6400 litres on the TC5070 and TC5080 models. This means combines can work for longer without having to unload facilitating grain logistics. Furthermore, an unloading speed of 72 litres/second ensures the largest grain tank is emptied in under 90 seconds.

Dual-Chop™ system: super fine chopping

The Dual-Chop™ residue management system features a dedicated rake through which razor sharp blades pass to maintain superfine chopping of all material. The finely chopped straw is then spread uniformly across the entire width of the header, making it perfect for no-till operations.



Precision moisture sensing enhances grain quality

The optional, advanced moisture sensing system transmits real-time moisture readings to the in-cab monitor to enable fine tuning of harvesting parameters in changing crop conditions. Furthermore, the new TC5000 is pre-wired to fit the Telematics Essential, a must for demanding customers.

Model	Number of strawwalkers	Maximum harvesting power (kW/hp[CV]) ECE R120	Grain tank size (litres)	Cleaning area (m ²)
TC5060	5	175	5,200	4.30
TC5070	5	227	6,400	4.30
TC5080	5	258	6,400	4.30

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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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