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New Holland CX7000 and CX8000 Elevation Combines. The cleanest grain sample from the world's most powerful super conventional combine harvester

- Award-winning Opti-Fan neutralises the effects of slopes on the cleaning system
- Opti-Clean™ system delivers up to 20% more efficient cleaning
- Ground-breaking Opti-Speed™ strawwalkers: up to 10% higher productivity
- Enhanced cleaning performance from the second generation fixed cleaning shoe
- Larger grain tanks and faster unloading
- SmartTrax™ rubber tracks: reduced compaction and improved traction
- High intensity light packing for true, around the clock harvesting

New Holland has launched the latest generation CX7000 and CX8000 Elevation super conventional combines. The world's most powerful strawwalker machine, up to 490hp, delivers unsurpassed straw quality and the cleanest grain sample for the world's professional large-scale farmers and contractors. In just over a decade, over 10,000 CX combines have been produced, testament to its immense popularity amongst industry professionals the world over.

“The CX range was launched in 2001, and today it is still the most powerful, highest capacity conventional combine in the world.” Stated Hedley Cooper, Head of Combine Harvester Product Management. “The introduction of our award winning Opti-Fan™ and Opti-Clean™ technology improves cleaning performance by up to 20% and will enhance the profitability of all farmers.”

Award-winning Opti-Fan neutralises the effects of slopes on the cleaning system

The Opti-Fan™ system, standard on all models, compensates for the impact of uphill and downhill slopes on harvesting performance. The operator sets the fan speed on level ground and 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 thick build ups. This efficient system provides a better grain sample and reduced losses.

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Opti-Clean™ system delivers up to 20% more efficient cleaning

The Opti-Clean™ system is standard on machines specified with a self-levelling cleaning shoe, and improves cleaning performance by up to 20%. It optimises the stroke and throwing angles in the cleaning system for enhanced cleaning efficiency. The grain pan, pre and top sieves operate independently to optimise the cascade for increased capacity, and the longer sieve stroke and steep throwing angle keep more material airborne for enhanced separation.

Ground-breaking Opti-Speed™ strawwalkers: up to 10% higher productivity

The CX7000 and CX8000 Elevation also feature the exclusive Opti-Speed™ strawwalker technology, which delivers up to a 10% higher productivity. This unique system automatically varies the strawwalker speed based on the field's gradient. The operator simply selects from four pre-sets: wheat, maize, rapeseed and rice, and the Opti-Speed™ system takes care of the rest. When driving uphill, the strawwalker speed reduces to decrease the transport speed of the straw over the strawwalkers and when driving downhill, strawwalker speed is increased to prevent blockages. This system is particularly beneficial for maize harvesting thanks to slower strawwalker speeds.

Larger grain tanks and faster unloading

All grain tank sizes have been significantly increased; and the CX8080 & CX8090 Elevation now benefits from a maximum 11,500 litre tank. This means combines can work for longer without having to unload, to facilitate grain logistics. Furthermore, unloading speed now tops 125 litres/second, 14% faster than previous, to ensure the largest grain tank is emptied in just over 90 seconds.

SmartTrax™ rubber tracks: reduced compaction and improved traction

The in-house designed New Holland SmartTrax™ rubber track system is available on the CX7090, CX8080 and CX8090 Elevations models. The triangle structure reduces ground pressure by up to 57%, when compared to wheeled machines. The SmartTrax™ features positive lug drive to transfer maximum tractive force to the ground. The SmartTrax™ system is available in two track widths: 24" (610mm), for conformity with the 3.5 metre transport



width restriction, and 30”(760mm), ideal for those working in the most extreme conditions.

High intensity light packing for true, around the clock harvesting

In order to deliver at-a-glance harvesting efficiency, the entire range is equipped with the IntelliView™ IV, 26.4cm ultra-wide colour touchscreen monitor. This terminal enables operators to monitor and modify a whole host of harvesting parameters instantly.

Following extensive customer consultation, New Holland has introduced its most complete lighting package as an optional extra, improving the spread of light to the front of the combine by up to 55%. The two additional HID lamps light the full header, and an additional lamp illuminates the field ahead. Two halogen lamps are fitted to the rear shield, and cast a broad spread of light to enable operators to monitor residue distribution or straw flow from the rear of the combine. A further two lamps are positioned on the side panels, and illuminate the rear axle, to prevent operators inadvertently driving over standing crop or valuable straw.

Operator comfort has been further enhanced courtesy of the upgraded seat with deep cushions and extended fore-aft adjustment to ensure operators of all sizes are comfortable. The optional, heated full-leather seat offers a luxurious touch for the most demanding operators.

Model	Number of strawwalkers	Maximum harvesting power (kW/hp[CV]) ECE R120	Grain tank size (l)	Cleaning area under wind control (m ²)
CX7080	5	220/299	9000	5.4
CX7090	5	240/326	10000	5.4
CX8070	6	240/326	9500	6.5
CX8080	6	265/360	11500	6.5
CX8090	6	330/449	11500	6.5



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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