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New Holland Agriculture Raises Harvesting Stakes with All-new CR Combine Harvester Range

- *Harvest in a new dimension: the culmination of 40 years of Twin Rotor™ technology*
- *Twin Rotor™, Dynamic Feed Roll™, Twin Pitch rotors, SmartTrax™ with Terraglide™ suspension: proven technologies deliver ever more capacity*
- *Massive power, vast grain tank, extensive autonomy: productivity reaches new heights, increasing by up to 15%*
- *CR10.90 (Tier 4B) is equipped with the Diesel Of The Year® 2014 Cursor 16 engine*
- *Harvest Suite™ Ultra cab: designed for ultimate harvesting comfort*



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New Holland's all-new CR combines raise harvesting to a whole new level: up to 15% more productivity in small grains, grain crackage as low as 0.2%, and the ultimate comfort cab. The brand new Harvest Suite™ Ultra cab is larger and offers more glass area than previous models. The six model range is topped by the CR10.90, the first combine to enter the class 10 segment in Europe and the most powerful CR ever, that delivers the highest capacity in the industry and truly outstanding performance.

"The new CR range is the culmination of 40 years of Twin Rotor™ technology," stated Hedley Cooper, Head of Combine Harvester Product Management. "It offers the best of New Holland's harvesting technologies: Twin Pitch Rotors, Dynamic Feed Roll™, SmartTrax™ rubber tracks, Terraglide™ suspension, ECOBlue™ SCR and Hi-eSCR engine technologies – all working together to deliver the very best performance. All this is coupled with the Harvest Suite™ Ultra cab that redefines harvesting comfort. And with the capacity and performance of the CR10.90, you enter an entirely new harvesting dimension. You couldn't ask for more."

Proven technologies deliver more capacity than ever

New Holland continues to improve and refine its proven Twin Rotor technology, which is designed for high capacity harvesting and delivers high outputs combined with grain quality without equal.

The Dynamic Feed Roll on-the-go mechanical stone protection system further raises the CR's massive capacity by feeding the rotors faster and more smoothly while removing stones with no stopping or hesitation. The new serrated blades on the roll are gentle on the crop, resulting in high-quality straw. This is achieved with no additional power consumption, resulting in higher capacity as well as better grain and straw quality than with the equivalent model of the same horsepower in the previous range.

CR combines work seamlessly in variable crop conditions with the Twin-Pitch rotors, which can raise productivity by up to 10% in damp conditions. Switching between small grain and corn configurations to rice is easy. The redesigned adjustable rotor vanes require less power in high volume crops and consistently deliver high quality straw.

The SmartTrax™ rubber tracks with Terraglide™ suspension system, standard on the flagship CR10.90 and available on the other models as an option, ensure excellent traction and low soil compaction while providing a silky smooth ride.

**Massive power, extensive autonomy, vast grain tank:
productivity reaches new heights, increasing by up to 15%**

The CR combines offer more horsepower than ever: from 449hp of the CR7.90 to the massive 652hp of the flagship CR10.90. Five models feature New Holland's Tier 4A ECOBlue™ SCR technology, while the flagship CR10.90 is equipped with the Diesel Engine of the Year 2014 Cursor 16 with ECOBlue™ Hi-eSCR technology, already compliant with Tier 4B regulations. The engine features Common Rail technology for precise fuelling and outstandingly responsive performance, resulting in consistently high productivity in all field conditions.

New Holland's highly efficient ECOBlue™ technology delivers impressive fuel savings, reducing running costs and extending further the already extensive autonomy given by the capacious fuel tank – 1,300 litres in the CR9.90 and CR10.90. The extra-long 10-meter folding unloading auger on the flagship model is a match for the largest headers and tallest trailers.

The grain tank's high capacity – ranging from 11,500 litres in the CR7.90 to 14,500 litres in the CR9.90 and CR10.90 – combined with the lightning fast unloading speed of up to 142 litres/second and the extensive autonomy mean that no second is wasted during the day: productivity soars by 15% and does not waver until the job is done.

Harvest Suite™ Ultra cab: designed for ultimate harvesting comfort

Designed in consultation with customers, the new Harvest Suite Ultra cab defines harvesting comfort. The ample, 3.7 m³ cab is larger than its predecessor, and the interior layout has been entirely redesigned to further improve ergonomics and comfort. The new force-based CommandGrip™ multifunction handle is intuitive to use and makes it easy to fine tune harvesting speed to optimise performance. The new harvesting console is designed to become an extension of the operator.



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The ultra-wide 26.4cm IntelliView™ IV colour touchscreen monitor puts all key parameters at the operator’s fingertips and is fixed on rollers so that it can be moved to the most comfortable position. An optional second IntelliView™ display is available for operators requiring the maximum of information.

The new cab also features more glass than previous models. The 6.3 m² of glazed area, together with the floor sloping down into the front windscreen, provide excellent visibility all round and a clear view of the edge of the header.

For the long harvesting days, there is a choice of three types of seat offering increasing levels of comfort – from the standard wide cloth trimmed seat to the deluxe cloth trimmed seat with heating and active ventilation, right up to the top of range leather trimmed seat with extended vertical travel and automatic weight adjustment.

When harvesting continues into the night, the lighting package is precision engineered to ensure perfect visibility of the entire header and the field ahead. An unloading auger light for precision unloading and four rear work lights mean farmers can continue to work long after dark just as efficiently as during the day to get the job done right. HID and LED packages are available, with an exceptional long far distance working lights offering up to 500m visibility.

Model	Class	Rotor Diameter (in)	Maximum harvesting power (kW/hp[CV]) ECE R120	Grain tank capacity (ltr)	Cleaning area under wind control (m ²)
CR7.90	7	17	449	9500/11500	5.4
CR8.80	8	17	490	11500	5.4
CR8.90	8	22	490	11500	6.5
CR9.80	9	22	517	12500	6.5
CR9.90	9	22	571	14500	6.5
CR10.90	10	22	652	14500	6.5

1kW = 1.359 hp

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