

new
CR

CR 1060 | Unbelievable
Performance



A NEW HARVESTING DIMENSION

The all-new CR series is taking combining to the next level. The culmination of over 40 years of rotary harvesting excellence, the six model range spans Class 7 to Class 10 machines, all of which will boost your productivity. Industry leading Twin Rotor™ technology. Twin Pitch Rotors. ECOBlue™ HI-eSCR Tier 4B compliant engines on CR10.90. Quite simply a roll call of combining excellence. But there's more. The brand new Harvest Suite™ Ultra cab is more spacious, has more glass and is even more ergonomically designed. The most powerful CR ever has just upped the harvesting stakes.

Models	CR7.90	CR8.80	CR8.90	CR9.80	CR9.90	CR10.90
Class	7	8	8	9	9	10
Rotor size	17"	17"	22"	22"	22"	22"
Grain tank	(l) 9500/11,500	11,500	11,500	12,500	12,500/14,500	14,500
Maximum engine power	[kW/hp(CV)] 330/449	360/490	360/490	380/517	420/571	480/653

CR10.90 ELEVATION: FIRMLY DOMINATING THE NEW CLASS 10 SEGMENT

The quest for epic performance is at an end: 653hp(CV) from the Diesel Engine of the Year 2014, 14,500 litre grain tank, 143 litre per second unloading speed. Welcome to the range topping CR10.90 Elevation: opening a new era in harvesting and already ruling it all. SmartTrax™ rubber tracks with Terraglide™ suspension. Check. Dynamic Feed Roll™ technology, the on-the-go stone trap which accelerates crop to enhance capacity and maintain best in class grain and straw quality. Check. An extra-long folding 10m unloading auger to match the largest headers and tallest trailers. Check. Day long autonomy with a 1300 litre fuel tank. Check. The CR10.90: class 10 combine harvesting excellence. Check!









STATE-OF-THE-ART CAB

The Harvest Suite™ Ultra cab is the fruit of extensive customer consultation. New Holland spoke to skilled operators who work through the day and night to bring the harvest home. They told us what they wanted. We delivered it. The Harvest Suite™ Ultra cab defines harvesting comfort.



THE BEST SEAT IN THE FIELD

No less than three types of seat are on offer:

- 1.** The standard wide cloth trimmed seat provides exceptional features and ensures all operators will stay comfortable throughout the longest harvesting day.
- 2.** The optional deluxe cloth trimmed seat with heating and active ventilation is perfect for the hottest days and the coldest nights, and features fore/aft movement for even more comfort.
- 3.** The top of the range leather trimmed seat with extended vertical travel and automatic weight adjustment absorbs even the most severe bumps to offer the ultimate in operator comfort and style.



YOUR HARVESTING CONSOLE

The new harvesting console offers ergonomic control of all key harvesting parameters, and it has been designed to become an extension of you. The force based CommandGrip™ multifunction handle, as found on high horsepower tractors and the FR range of forage harvesters, delivers intuitive control and enables you to fine tune harvesting speed for ultimate performance.

SHINING A LIGHT ON HARVESTING EXCELLENCE

The CR's lighting package has raised the lighting bar. The spread of light has been precision engineered for maximum visibility of the entire header and the field ahead and behind. Precision unloading in the dead of night. You'll never lose a single grain thanks to a specific unloading auger lights. You even have the choice of HID and LED packages.



**DESIGNED WITH YOU
AND HARVESTING IN MIND**





VISIBILITY AND SPACE

The Harvest Suite™ Ultra features a larger cab with 6.3m² of glass, almost 7% more than previous models. More space and more glass mean more comfortable and precise harvesting. How was this achieved? The interior components have been completely redesigned. But it's the details which really make a difference. The floor slopes down into the front windscreen so that operators will have an even clearer view of the header.



TOUCHSCREEN SIMPLICITY

The ultra-wide 26.4cm IntelliView™ IV colour touchscreen monitor is fixed on rollers which can move along an ideal viewing arc so you can position it just where you want. Up to three cameras can be fitted and one has been pre-wired to assist with reversing. A second screen can be installed on request and is perfect for IntelliSteer® auto guidance tasks.



A PLACE FOR EVERYTHING

You now have space to store everything you need. A large compartment behind the operator is perfect for stowing away essential documentation. The integrated fridge under the instructor seat will keep your drinks cool but can also be removed for easy replenishment.



TWIN ROTOR™ TECHNOLOGY FROM THOSE WHO INVENTED IT

New Holland invented rotary threshing and separation with the Twin Rotor™ Technology over forty years ago, and has been on an unswerving mission to continually improve and refine it ever since. Its gentle threshing action delivers unsurpassed grain quality, with grain crackage as low as 0.01%. Designed for high capacity harvesting, the inline threshing system is high on output and gentle on Crop.

TWIN PITCH ROTORS FOR VARIABLE CROP CONDITIONS

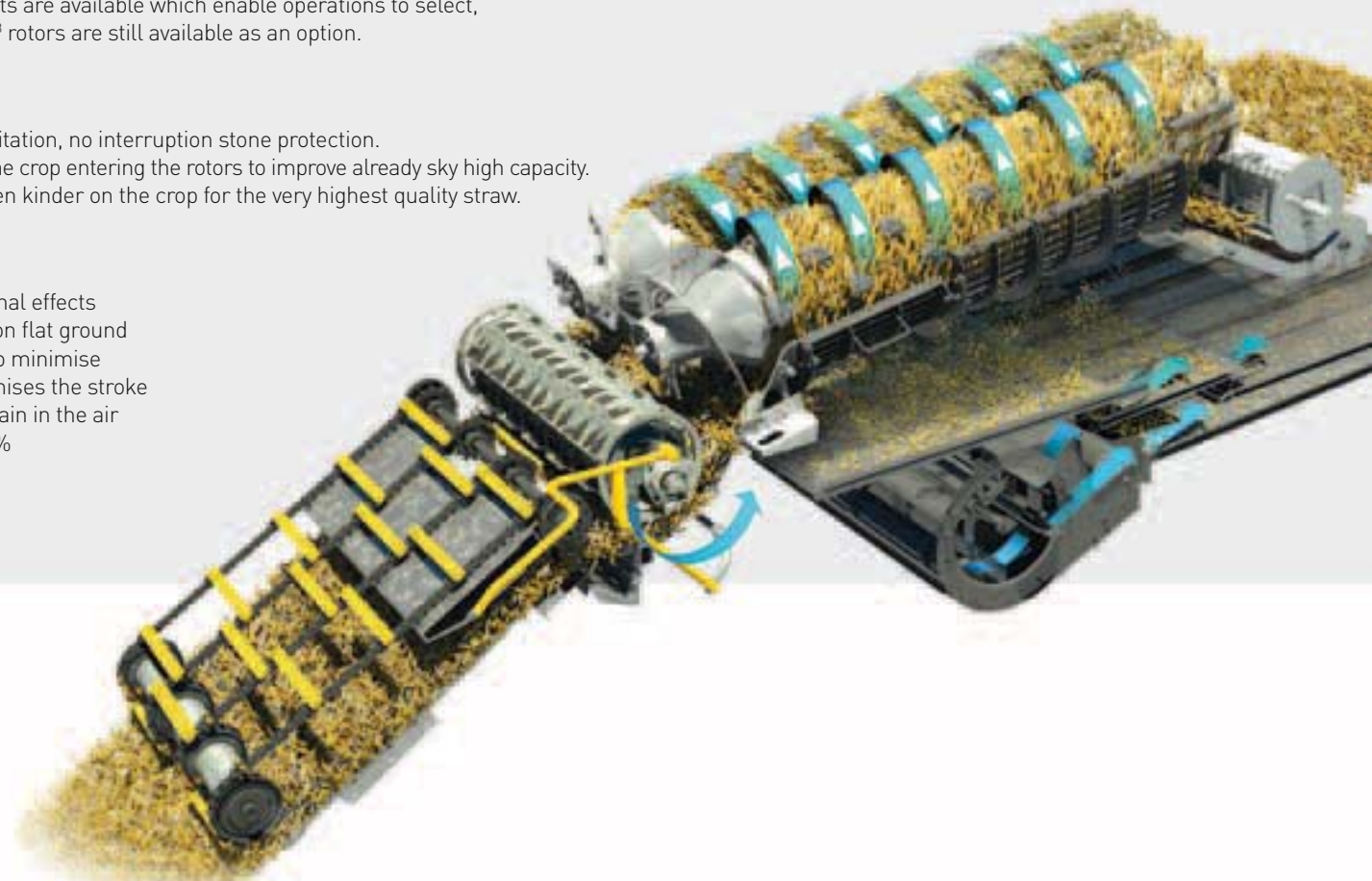
The Twin-Pitch rotors feature 44 elements and are perfect if you work in variable crop conditions. They are particularly suitable for damp conditions, where they can offer up to a 10% increase in capacity. The new, redesigned adjustable rotor vanes reduce the power requirement in high volume straw crops and simultaneously deliver higher quality straw. Two different kits are available which enable operations to select, or even convert between, rice and small grain configurations. S³ rotors are still available as an option.

NEW DYNAMIC FEED ROLL™ TECHNOLOGY

This on-the-go mechanical system delivers no stopping, no hesitation, no interruption stone protection. The Dynamic Feed Roll™ system also speeds up and regulates the crop entering the rotors to improve already sky high capacity. If that wasn't enough, the roll now has serrated blades to be even kinder on the crop for the very highest quality straw.

OPTI-MISE YOUR HARVEST

The standard Opti-Fan™ system compensates for the gravitational effects on crops during harvesting. By selecting the desired fan speed on flat ground the system automatically adjusts it when going up or downhill to minimise losses and improve grain quality. The Opti-Clean™ system optimises the stroke and throwing angles in the cleaning system, which keeps the grain in the air for longer and thus improves cleaning performance by up to 20% for enhanced profitability.

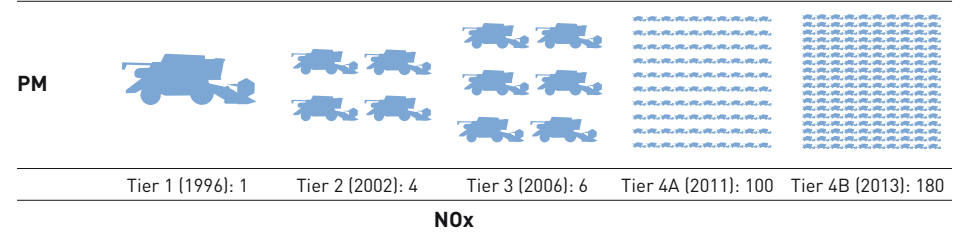




DOUBLE UP FOR EFFICIENCY

The CR10.90 Elevation features a Dual Rotary Dust Screen which delivers better cooling performance for more efficient operation.

This gives equal weight to NOx and PM reduction

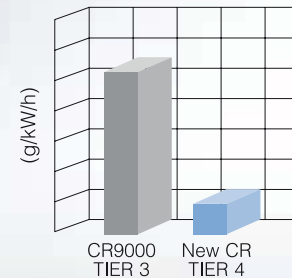


POWERFUL EFFICIENT PRODUCTIVE

The CR range is equipped with Tier 4A compliant ECOBlue™ SCR engines which deliver 10% fuel savings when compared to their Tier 3 counterparts. Outstanding transient response ensures constant productivity no matter what the field conditions. The flagship CR10.90 is equipped with the Diesel Engine of the Year 2014 which benefits from ECOBlue™ HI-eSCR technology, which is compliant with the even more stringent Tier 4B regulations. Developed in partnership with New Holland's sister brand FPT Industrial, it also features Common Rail technology for precision fuelling and outstandingly responsive performance.



-10%
FUEL CONSUMPTION

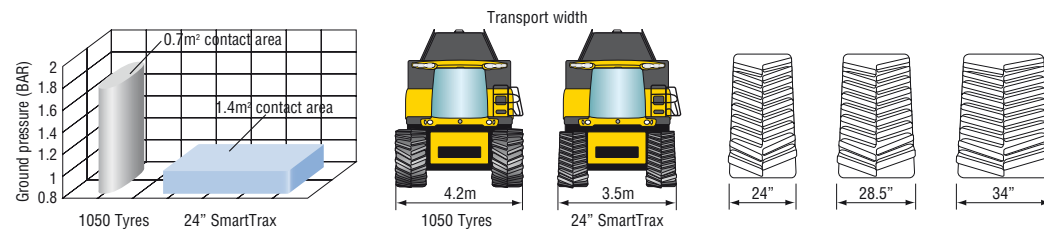


Models	CR7.90	CR8.80	CR8.90	CR9.80	CR9.90	CR10.90
Engine* compliant with Tier 4 emissions regulations	FPT Cursor 9*	FPT Cursor 10*	FPT Cursor 10*	FPT Cursor 13*	FPT Cursor 13*	FPT Cursor 16*
Capacity (cm³)	8700	10,300	10,300	12,900	12,900	15,927
ECOBlue™ SCR system (Selective Catalytic Reduction)	●	●	●	●	●	●
Injection system	Common Rail	Unit injectors	Unit injectors	Unit injectors	Unit injectors	Common Rail
Gross engine power @ 2100rpm - ISO TR14396 - ECE R120 [kW/hp(CV)]	300/408	330/449	330/449	350/475	390/530	440/598
Maximum engine power @ 2000rpm - ISO TR14396 - ECE R120 [kW/hp(CV)]	330/449	360/490	360/490	380/517	420/571	480/653
Approved biodiesel blend**	B20	B20	B20	B20	B20	B7

● Standard * Developed by FPT Industrial ** Biodiesel blend must fully comply with the latest fuel specification EN14214:2009 and operation is in accordance with operator manual guidelines

SMARTTRAX™ SYSTEM WITH TERRAGLIDE™ SUSPENSION: A NEW DIMENSION OF COMFORT

The SmartTrax™ rubber tracks with Terraglide™ suspension system are standard on the CR10.90 and optional on all other models. They are available in 24", 28.5" and 34" widths and two pairs of hydraulic suspended rollers work independently to produce a silky smooth ride when harvesting. Want more? How about a longer track length for a larger overall footprint for reduced field compaction and enhanced traction.





Models	CR7.90	CR8.80	CR8.90	CR9.80	CR9.90	CR10.90
Grain header						
Cutting width (m)	6.10 - 10.67	6.10 - 10.67	6.10 - 12.50	6.10 - 12.50	6.10 - 12.50	6.10 - 12.50
Maize headers						
Number of rows flip-up maize headers	5 / 6 / 8	5 / 6 / 8	5 / 6 / 8	5 / 6 / 8	5 / 6 / 8	5 / 6 / 8
Number of rows rigid maize headers	-	-	12	12	12	12
Automatic header control systems						
Autofloat™ system	●	●	●	●	●	●
Straw elevator						
ASP™ System (Advanced Stone Protection)	●	●	●	●	●	○
DFR System (Dynamic Feed Roll™)	●	○	○	○	○	●
Harvest Suite™ Ultra cab class area						
Cab category level - EN 15695	(m²) 6.3	6.3	6.3	6.3	6.3	6.3
Cab category level - EN 15695	2	2	2	2	2	2
HID lighting pack	○	○	○	○	○	○
LED long distance lights	○	○	○	○	○	○
Standard cloth trimmed seat with air-suspension	●	●	●	●	●	○
Deluxe cloth trimmed heated air-suspension seat with Active Ventilation	○	○	○	○	○	○
Leather trimmed heated air-suspension seat with Active Ventilation and lateral suspension	○	○	○	○	○	●
Instructor's seat	●	●	●	●	●	●
Leather Steering wheel	●	●	●	●	●	●
IntelliView™ IV monitor with adjustable position	●	●	●	●	●	●
2 nd IntelliView™ IV monitor	○	○	○	○	○	○
3 viewing camera's	○	○	○	○	○	○
ACS (Automatic Crop Settings)	●	●	●	●	●	●
Optimum cab noise level - ISO 5131 (dB(A))	74	74	74	74	74	74
New Holland Precision Land Management systems						
IntelliSteer® ready automatic guidance system	○	○	○	○	○	○
IntelliCruise™ system	○	○	○	○	○	○
Automatic row guidance system for maize headers	○	○	○	○	○	○
Moisture measuring	○	○	○	○	○	○
Yield measuring and moisture measuring	○	○	○	○	○	○
Twin Rotor™ technology						
Twin Pitch rotors	17"	17"	22"	22"	22"	22"
S³ rotors	○	○	○	○	○	-
Adjustable rotor vanes	○	○	○	○	○	○
Cleaning						
Opti-Clean™ cleaning system	●	●	●	●	●	●
Total sieve area under wind control (m²)	5.4	5.4	6.5	6.5	6.5	6.5
Grain tank						
Folding covers capacity standard / optional (l)	9500 / 11,500	11,500	11,500	12,500	12,500 / 14,500	14,500
Unloading speed standard / optional (l/s)	126	126	126	126	126 / 142	126 / 142
Extra long folding unloading tube	-	-	-	-	○	○
Pivoting spout system	-	-	-	-	○	○
Engine*						
FPT Cursor 9*	FPT Cursor 9*	FPT Cursor 10*	FPT Cursor 10*	FPT Cursor 13*	FPT Cursor 13*	FPT Cursor 16*
Compliant with engine emissions regulations	Tier 4A / Stage 3B	Tier 4A / Stage 3B	Tier 4A / Stage 3B	Tier 4A / Stage 3B	Tier 4A / Stage 3B	Tier 4B / Stage 4
Capacity (cm³)	8700	10,300	10,300	12,900	12,900	15,927
ECObLue™ SCR system (Selective Catalytic Reduction)	●	●	●	●	●	●
Gross engine power @ 2100rpm - ISO TR14396 - ECE R120 [kW/hp(CV)]	300/408	330/449	330/449	350/475	390/530	440/598
Maximum engine power @ 2000rpm - ISO TR14396 - ECE R120 [kW/hp(CV)]	330/449	360/490	360/490	380/517	420/571	480/653
Fuel tank						
Diesel capacity (l)	750	1000	1000	1000	1300	1300
AdBlue capacity (l)	120	120	120	120	120	120
Maximum speed Standard / Optional (kph)	30 / 40	30 / 40	30 / 40	30 / 40	30 / 40	30 / 40
SmartTrax™ system	-	○	○	○	○	●
Residue management						
Opti-Spread™ residue management	○	○	○	○	○	○

● Standard ○ Optional - Not available * Developed by FPT Industrial ** Biodiesel blend must fully comply with the latest fuel specification EN14214:2009 and operation is in accordance with operator manual guidelines



www.newholland.com/uk - www.newholland.com/ie

New Holland with

