

new
CR



HARVEST IN A NEW DIMENSION

DEDICATED. UNCOMPROMISED. SMART.

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 6 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. 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	CR6.90	CR7.90	CR8.90	CR9.90	CR9.90 Elevation	CR10.90 Elevation
Class	6	7	8	9	9	10
Rotor size	17"	17"	22"	22"	22"	22"
Grain tank	(bu) 326	326 / 355	410	410	410	410
Maximum engine power	hp(CV) 401	449	517	571	571	653

CR10.90 ELEVATION: THE FUTURE OF HARVESTING

The quest for epic performance is at an end: 653 hp from the Diesel Engine of the Year 2014, 410 bushel grain tank, 4 bushel per second unloading speed. Welcome to the range topping CR10.90 Elevation. Dynamic Feed Roll™ technology, the on-the-go stone trap which accelerates crop to enhance capacity. Check. An extra-long folding 34-foot unloading auger to match the largest headers and tallest trailers. Check. Day long autonomy with a 340 gallon fuel tank. Check. The CR10.90: 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

Choose from three seating options:

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 light. You even have the choice between HID and LED packages.







**DESIGNED WITH YOU
AND HARVESTING IN MIND**

VISIBILITY AND SPACE

The Harvest Suite™ Ultra features a larger cab with 68-ft² 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 10.4 inch IntelliView™ IV color 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.

S³ ROTORS - GENTLE THRESHING, HIGHER QUALITY

New Holland's standard "S³" rotors are Staggered, Segmented and Spiraled to control the crop, moving material evenly rearward without bunching and minimizing grain damage. CR6.90 and CR7.90 feature 17-inch S³ rotors with two intake flights, while the CR8.90, CR9.90 and CR9.90 Elevation feature high-capacity, 22-inch S³ rotors with three intake flights.

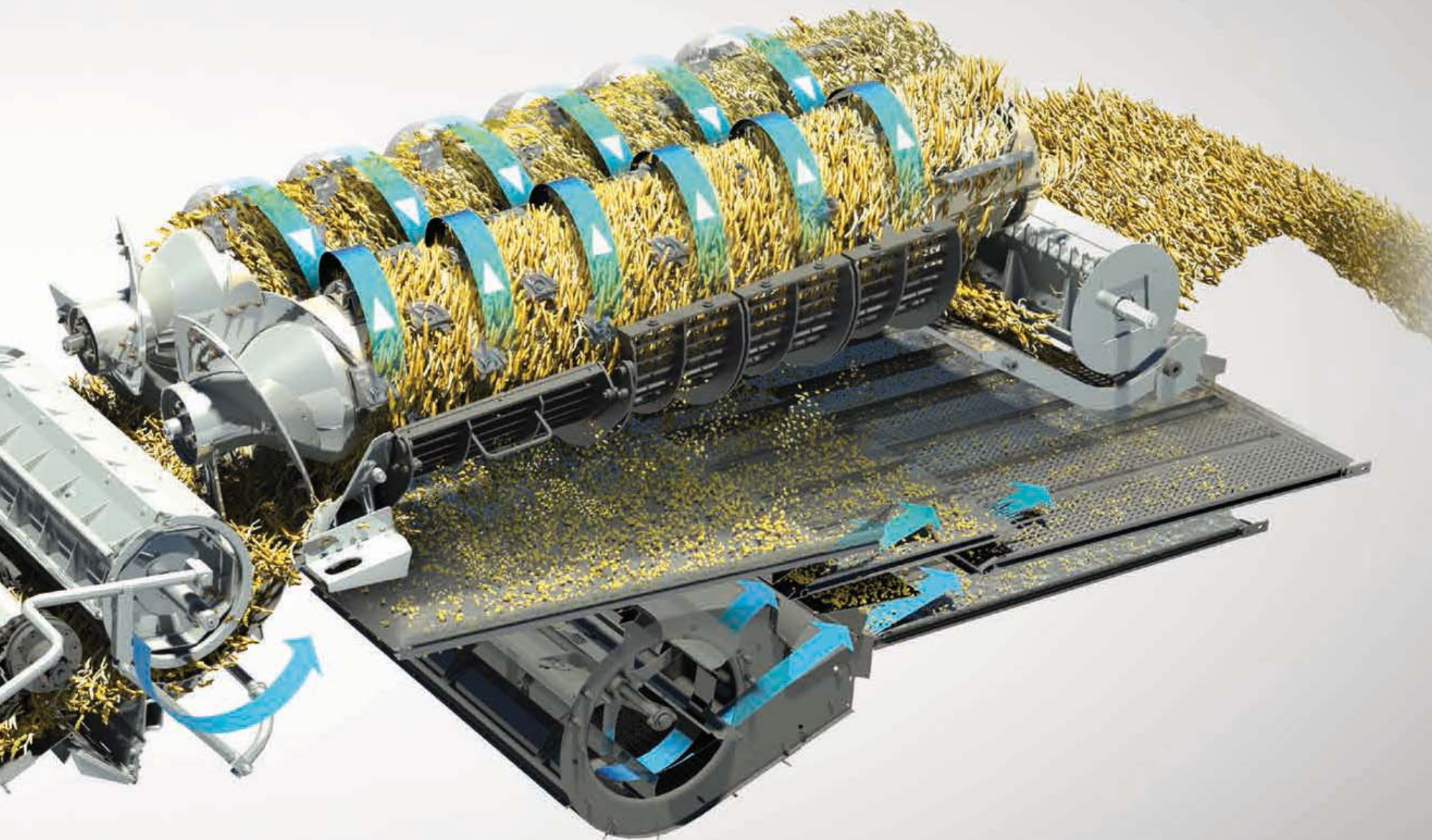
OPTIONAL TWIN PITCH ROTORS

The Twin Pitch rotors are available for more aggressive separation in difficult harvesting conditions where they can lead up to a 10% increase in capacity. Twin Pitch rotors are standard on the CR10.90 Elevation and are available in configurations for all crops on the other CR Series models.

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 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.





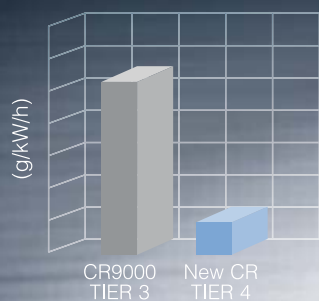
POWERFUL EFFICIENT PRODUCTIVE

The entire CR series, excluding the CR9.90 Elevation, is equipped with ECOBlue™ HI-eSCR engines which are Tier 4B compliant. They maintain the impressive 10% fuel savings and transient response you have come to expect from your Tier 4A CR combine. The flagship CR10.90 Elevation is equipped with the Diesel Engine of the Year 2014 which features Common Rail technology for precision fueling and outstanding responsive performance.



Sustainable Efficient Technology

ECOBlue™



-10%
FUEL CONSUMPTION



DOUBLE UP FOR EFFICIENCY

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



Models		CR6.90	CR7.90	CR8.90	CR9.90	CR9.90 Elevation	CR10.90 Elevation
Engine* compliant with Tier 4B emissions regulations		FPT Cursor 9*	FPT Cursor 9*	FPT Cursor 11*	FPT Cursor 13*	FPT Cursor 13*	FPT Cursor 16*
Capacity	(cm ³)	8700	8700	11100	12900	12900	15927
ECOBBlue™ SCR system (Selective Catalytic Reduction)		●	●	●	●	●	●
Gross engine power @ 2100 rpm ISO TR14396 - ECE R120	hp(CV)	360	408	469	530	530	598
Maximum engine power @ 2000 rpm ISO TR14396 - ECE R120	hp(CV)	401	449	517	571	571	653
Approved biodiesel blend**		B7	B7	B7	B7	B7	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

Models	CR6.90	CR7.90	CR8.90	CR9.90	CR9.90 Elevation	CR10.90 Elevation
Grain heads						
Cutting width (ft)	20-35	20-40	20-45	20-45	20-45	20-45
Corn heads						
Number of rows folding corn heads	–	–	12	12	12	12
Number of rows rigid corn heads	6 / 8	6 / 8 / 12	8 / 12 / 16	12 / 16 / 18	12 / 16 / 18	12 / 16 / 18
Automatic header control systems						
Autofloat™ system	●	●	●	●	●	●
Straw elevator						
ASP™ System (Advanced Stone Protection)	●	●	●	●	●	–
DFR System (Dynamic Feed Roll™)	○	○	○	○	○	●
Harvest Suite™ cab						
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	○	○	○	○	○	○
Instructor's seat	●	●	●	●	●	●
Leather Steering wheel	●	●	●	●	●	●
IntelliView™ IV monitor with adjustable position	●	●	●	●	●	●
2nd IntelliView™ IV monitor	○	○	○	○	○	○
Rear camera	○	○	○	○	○	○
ACS (Automatic Crop Settings)	●	●	●	●	●	●
Optimum cab noise level - ISO 5131 (dB(A))	73	73	73	73	73	73
New Holland Precision Land Management systems						
IntelliSteer™ ready automatic guidance system	●	●	●	●	●	●
IntelliCruise™ system	○	○	○	○	○	○
Automatic row guidance system for corn heads	○	○	○	○	○	○
Yield measuring and moisture measuring	●	●	●	●	●	●
Twin Rotor™ technology						
	17"	17"	22"	22"	22"	22"
Twin Pitch rotors	○	○	○	○	○	●
S ³ rotors	●	●	●	●	●	–
Adjustable rotor vanes	○	○	○	○	○	○
Cleaning						
Cleaning system	Aggressive shake system	Aggressive shake system	Aggressive shake system	Aggressive shake system	Opti-Clean™ cleaning system	Opti-Clean™ cleaning system
Total sieve area under wind control (in ²)	8370	8370	10,075	10,075	10,075	10,075
Grain tank, standard / optional						
Folding covers capacity (bu)	326	326 / 355	410	410	410	410
Unloading speed (bu/s.)						
	3.7	3.7	4	4	4	4
Extra long folding unloading tube	–	–	○	○	○	○
Pivoting spout system	–	–	○	○	○	○
Engine*						
	FPT Cursor 9*	FPT Cursor 9*	FPT Cursor 11*	FPT Cursor 13*	FPT Cursor 13*	FPT Cursor 16*
Compliant with engine emissions regulations						
	Tier 4B	Tier 4B	Tier 4B	Tier 4B	Tier 4A	Tier 4B
Capacity (cm ³)	8700	8700	11,100	12,900	12,900	15,927
ECObLue™ SCR system (Selective Catalytic Reduction)	●	●	●	●	●	●
Gross engine power @ 2100 rpm - ISO TR14396 - ECE R120 [hp(CV)]	360	408	469	530	530	598
Maximum engine power @ 2000 rpm - ISO TR14396 - ECE R120 [hp(CV)]	401	449	517	571	571	653
Fuel tank						
Diesel capacity (gal)	200	200	340	340	340	340
AdBlue® DEF capacity (gal)	42	42	42	42	42	42
Maximum speed, standard / optional (mph)	20 / 25	20 / 25	20 / 25	20 / 25	20 / 25	20 / 25
SmartTrax™ system	○	○	○	○	○	○
Residue management						
Remote chop / drop selection	○	○	○	○	○	○
Opti-Spread™ residue management	–	–	○	○	○	○

● Standard ○ Optional – Not available *Developed by FPT Industrial



We are proud to support the FFA.



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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.