

# CR REVELATION

CR6.90 | CR7.90 | CR8.90 | CR8.90 Opti-Clean

CR9.90 Opti-Clean | CR10.90 Opti-Clean





# FACT: The world's highest-capacity combine.

CR Revelation combines build on New Holland's record-breaking performance with a collection of productivity-boosting features. These innovations include the award-winning IntelliSense™ combine automation system, Dynamic Flow Control™ remotely adjustable rotor vanes, deep cut Dynamic Feed Roll™ technology and patented Opti-Spread™ Plus super-wide residue spreading.

**FACT: Still the undisputed world record holder, and improving all the time**

The top-of-the-line CR10.90 Revelation is the most powerful and productive CR combine to date, with up to 700 horsepower on tap and leading-edge systems that place it as the most advanced in the world. On August 15, 2014, the New Holland CR10.90 harvested 29,308 bushels of wheat in less than eight hours, obliterating the previous harvesting record. The CR10.90 achieved peak capacity of 4,960 bushels/hour in real world conditions, a truly unbelievable feat.

**FACT: Record-breaking performance in soybeans**

In April 2017, in the State of Bahia, Brazil, the 571-horsepower CR8.90 combine manufactured in Sorocaba, Brazil established the world record for highest capacity in soybeans, harvesting 16,157 bushels in eight hours. The New Holland combine averaged 2,020 bushels of soybeans per hour with a moisture level of 17% and achieved this using only 0.98 gallons of fuel per acre and losses of less than 0.5%.

**FACT: Saves on fuel and labor to increase your profitability**

Independent third-party testing shows how productive and efficient New Holland CR combines are.

**FACT: 1 in every 4 combines is a New Holland**

More and more producers are discovering the incredible efficiency and capacity of New Holland combines. Now, New Holland sells one of every four combines globally – underlining the confidence operators like you place on the performance and reliability of New Holland combines.



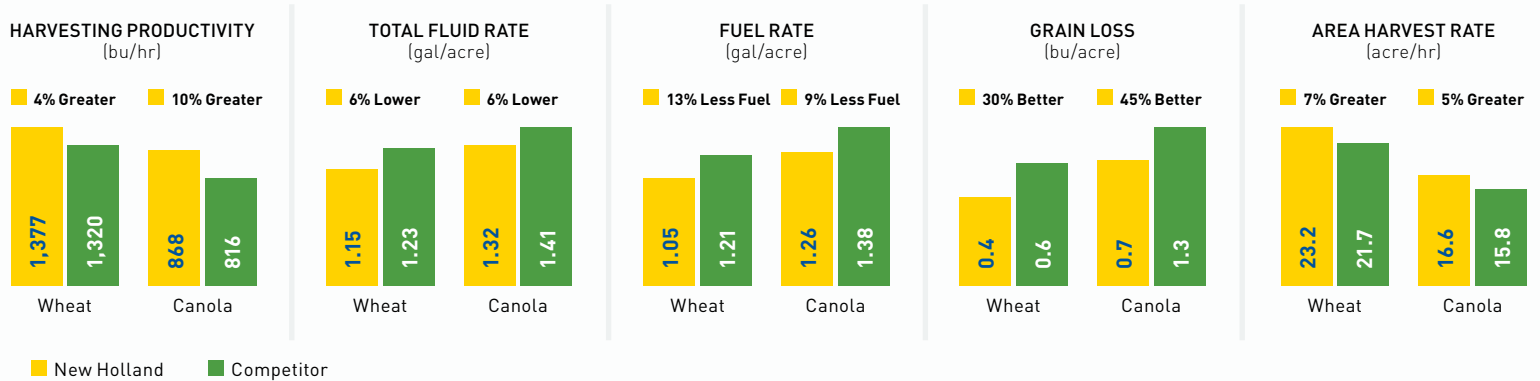
## Performance that pays

Independent third-party testing\* shows how productive and efficient a New Holland CR combine can be. Here's how New Holland interprets the test results:

**MORE HARVESTING PRODUCTIVITY:** 4% more in wheat and 10% more in canola

**LESS TOTAL FLUID CONSUMPTION:** 6% less in both wheat and canola for lower operating costs

**LESS GRAIN LOSS:** 30% lower in wheat and 45% lower in canola means more grain in the bin



## WHAT DOES THIS MEAN? A higher return on investment. Take a look!

On a 5,000-acre farm (2,500 wheat and 2,500 canola), the savings achieved by operating the New Holland combine translates into:

- **Total fuel savings:** 425 gallons or \$1,900
- **Total time savings due to faster harvesting:** 2 days
- **More cash in the pocket due to fewer combine losses:** \$16,600



### Save \$1,900 in fuel

New Holland CR combines operate for efficiency, saving you tank-loads of fuel.



### Save \$4,500 in operating and labor costs

New Holland CR combines harvest faster — saving up to 20 hours, or two days of harvest time each season for a 5,000-acre farm. This saves real money on depreciation, maintenance, labor and fuel costs. You will save \$200 per engine hour and \$25 per labor hour. The sooner you finish your season, the safer your grain will be in the storage bin, protected from weather risks.



### Put an extra \$16,600 of premium grain in the bin

Twin Rotor® technology produces a higher-quality grain sample with less grain loss — 30% lower in wheat and 45% lower in canola, for more cash in your pocket. Imagine the extra volume of grain you will harvest — grain that previously was lost to the ground.



## THE BOTTOM LINE?

# \$23,000

IN TOTAL SAVINGS, OR

## \$4.60 per acre

*Talk about added value!*

See the full  
third-party report



\*Calculations are based on independent third-party combine productivity comparison tests on a New Holland CR9.90 Elevation and competitive combines. Tests were conducted in wheat and canola near Humboldt, Saskatchewan, Canada in September 2015. Commodity prices: canola at \$9.1/bu and wheat at \$6/bu. Fuel use measurements were conducted when operating at the productivity targets. Based on fuel price of \$4.47/gal. Estimated combine operating cost per hour: \$200. Combine productivity is a measure of the typical sustained grain harvesting capacity when operated at an acceptable grain loss or other limiting factor, whether it is engine power, feeding, or any other factor.

# New CR Revelation. Harvest Supremacy.

PLM® Connect  
Telematics

## Outstanding capacity

The powerhouse 700-horsepower CR10.90, powered by FPT Industrial Cursor 16 engine, delivers both efficient power and superior capacity. When combined with advanced harvesting technology, you can harvest around the clock. The remotely adjustable Dynamic Flow Control™ rotor vanes mean you can change their position on the go in response to changing crop conditions, which can result in up to 20% higher productivity. The most advanced New Holland combine ever now features the new award-winning IntelliSense™ combine automation system. The CR Revelation. It keeps going as long as you do.

## Superior harvest quality

Unsurpassed grain and straw quality is guaranteed courtesy of gentle, yet highly efficient Twin Rotor® technology. Grain cracking is a thing of the past with an industry-leading result as low as 0.2%. Dynamic Feed Roll™ technology provides the most efficient on-the-go stone collection, and new serrated blades are even gentler on straw. The new Opti-Spread™ Plus system together with the new chaff spreading system ensure even more uniform residue spreading across the full cutting width.

## Lower operating costs

The CR Revelation Series uses industry-leading technology to meet emissions requirements. CR combines are fitted with the acclaimed ECOBlue™ HI-eSCR technology for Tier 4B compliance while delivering the outstanding power and fuel efficiency you expect from a CR combine. When combined with long, 600-hour service intervals, and the SmartTrax™ system for reduced soil compaction, you keep more money in your pocket.

## Absolute driving pleasure

The Harvest Suite™ Ultra cab has been designed to deliver ultimate harvesting comfort and ergonomics. The 131 ft³ cab with 68 ft² of glass means more space and better visibility for a more comfortable and precise harvest. At 73dB(A), the Harvest Suite is still the quietest cab on the market. The 10.4-inch ultra-wide IntelliView™ IV color touchscreen monitor can be positioned on the ideal viewing arc for every operator. If you harvest at night, the new LED lighting package enables true, 24-hour productivity.

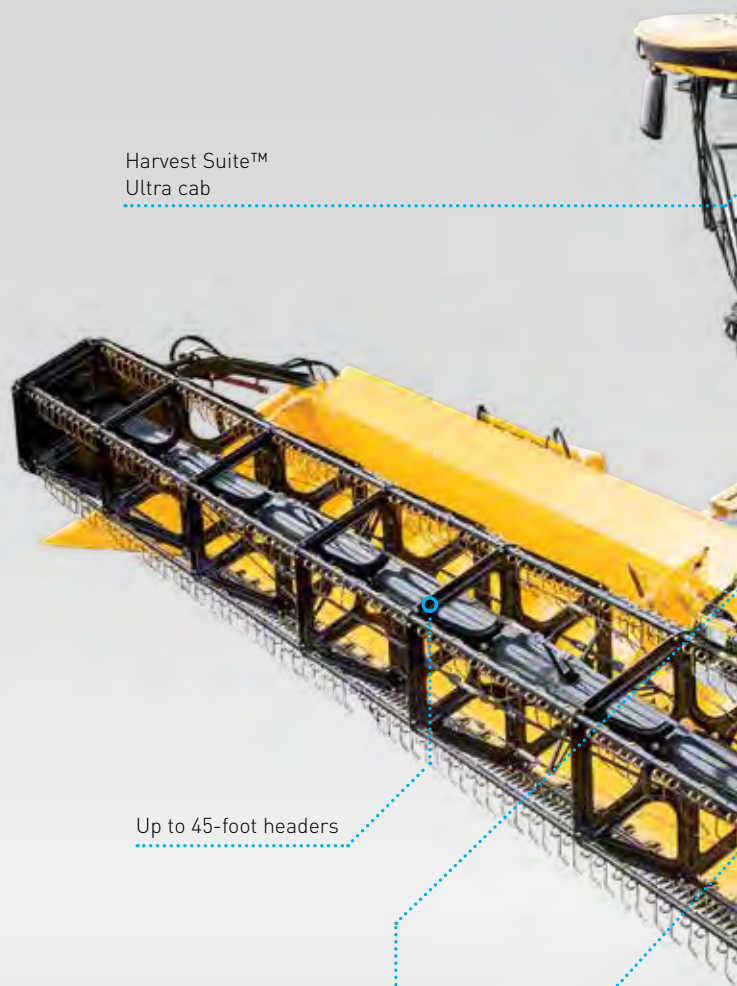
Up to 27 work lights

Harvest Suite™  
Ultra cab

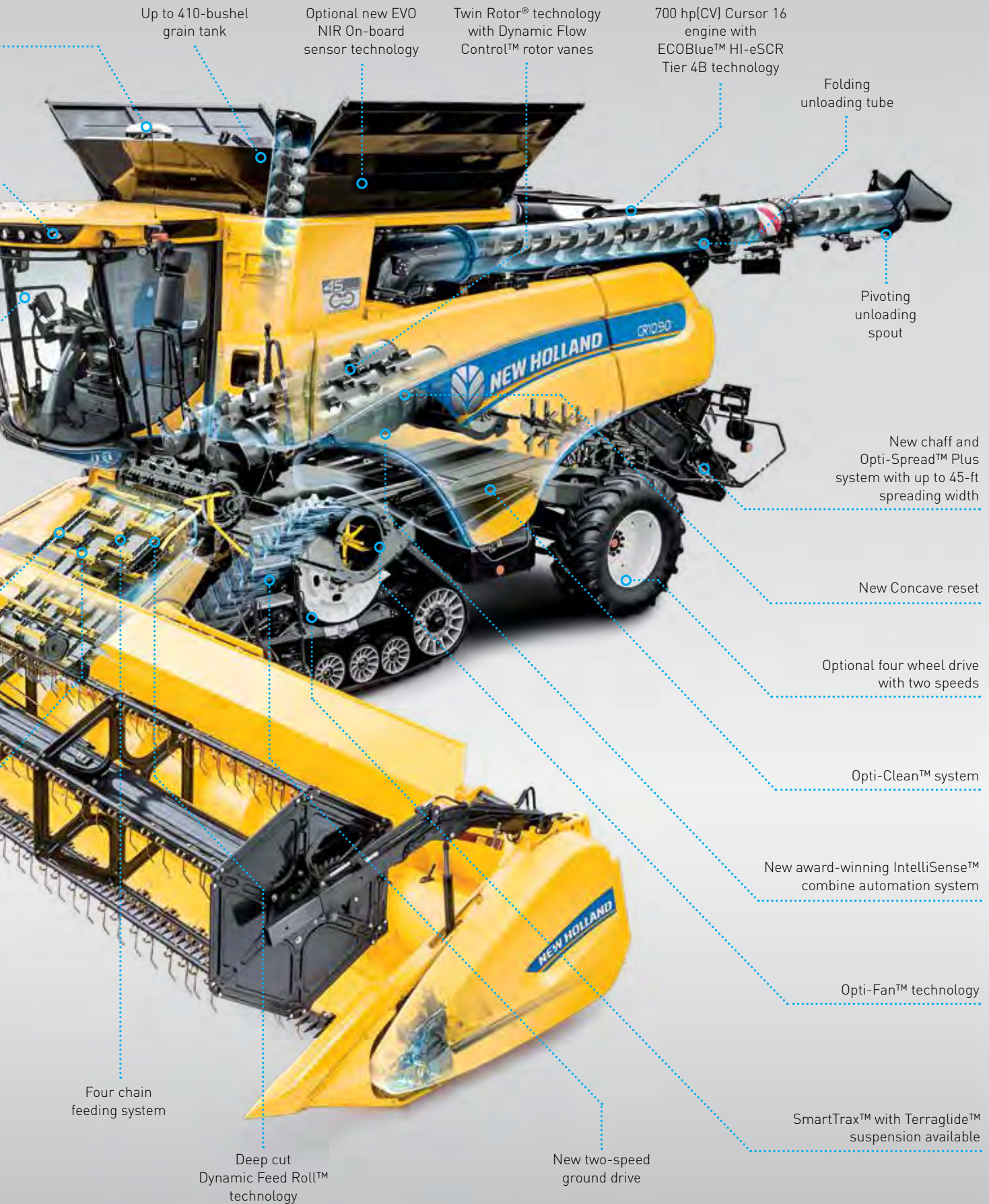
Up to 45-foot headers

New remote front  
plate tilt adjustment

IntelliCruise™ II  
automated feeding  
technology







# A history of modern combine harvesting by New Holland.

More than 40 years ago, New Holland revolutionized the way farmers harvested with the introduction of Twin Rotor® technology for combines. Today's CR Revelation combines continue the pure Twin Rotor bloodline and offer best-in-class grain and straw quality thanks to the gentle multi-pass action.

**1975:** New Holland introduced the pioneering concept of Twin Rotor® technology on the TR70 (145-168 hp (CV)). The face of harvesting was changed forever.

**1979:** The second generation of Twin Rotors appeared in TR75, TR85 and TR95 formats, and their power was upped from 155-225 hp (CV).

**1984:** A bigger cab, improved visibility and S3 rotors characterized the third generation of machines. Farmers welcomed TR76, TR86 and TR96 models.

**1999:** Six generations down the line, the higher grain handling capacity and enhanced visibility were the hallmarks of the TR89 and TR99 models.

**2002:** A sleek seventh generation graced the world's fields with completely new styling, longer rotors, larger cab and the first self-leveling cleaning system on a rotary combine. The CR920, CR940, CR960 and CR970 models produced up to 370 hp.

1975

1979

1984

1999

2002

2007

2013





## The CR Revelation Series: ultimate harvesting performance

Every model in the new CR Revelation benefits from improvements in every step on the harvesting journey, from header right through to the residue management system. Just one example: the CR10.90 benefits from improved productivity of up to 10%.

**2007:** The CR9000 Series was the eighth generation and featured a whole host of productivity boosting features including: up to 400-hp Tier 3 engines, 45-ft headers, 12-row corn heads and the IntelliView™ Plus II monitor for precision machine control and auto guidance functions.

**2013:** The introduction of the Dynamic Feed Roll™ has further improved in-field performance and grain quality.

**2014:** The CR10.90 smashes the record for the most wheat harvested in eight hours. During the record it harvested 29,308 bushels of wheat in under eight hours in real world conditions.

**2015:** The 10th generation CR range celebrates 40 years of harvesting excellence with the introduction of the benchmark Harvest Suite™ Ultra cab.

**2015:** Independent third-party combine productivity comparisons show CR combines save more grain, and reduce fuel and labor costs, saving \$23,000 on a 5,000-acre farm.

**2017:** CR8.90 built in Sorocaba, Brazil, equipped with a 571-horsepower Cursor 13 engine, sets the record for most soybeans harvested in eight hours — 16,157 bushels.

**2018:** Introduction of the CR Revelation with increased capacity and even more efficient residue management.

**2019:** Machine of the year 2019 at SIMA show, Paris - an award that goes to the most innovative machine of the moment. New Holland introduces the award-winning IntelliSense™ automation system on all CR models.

**2020:** 45-year Twin Rotor® Experience – To celebrate this milestone achievement, all CR Revelation combines rolling off the line during this anniversary year will sport a special-edition, recognition decal.

2014



2015



2015



2018



2019



2020



# Leading from the front.

New Holland knows that the harvesting process starts with the crop. How it enters the machine determines the quality of the harvest, so New Holland offers a broad selection of grain headers to suit every type of crop and farm. Headers are available in widths ranging from 30 up to 45 feet and in a wide range of configurations that can be tailored to match your requirements. The new elevator front plate adjustment allows you to remotely set the position of the front face plate to ensure the header operates at the perfect angle to increase capacity in down crop, and to save you time throughout the day, and throughout your season.

| Grain headers                                      |     | CR6.90 | CR7.90 | CR8.90     | CR8.90<br>Opti-Clean | CR9.90<br>Opti-Clean | CR10.90<br>Opti-Clean |
|----------------------------------------------------|-----|--------|--------|------------|----------------------|----------------------|-----------------------|
| 760CG Varifeed™ rigid cutterbar cutting width      | ft. | 30, 35 | 30, 35 | 30, 35, 41 | 30, 35, 41           | 30, 35, 41           | 30, 35, 41            |
| 740CF direct-cut SuperFlex cutterbar cutting width | ft. | 30, 35 | 30, 35 | 30, 35     | 30, 35               | 30, 35               | 30, 35                |

– not available



## 760CG Varifeed™ grain headers: adapt to all types of crop

Varifeed™ header guarantees optimum harvesting quality and a uniform cut in fields of different crop heights, providing the best option for direct-cut canola. You can adjust knives by a full 23 inches in their fore-aft position for ideal feeding. The 26-inch-diameter auger with deep flights feeds crop quickly and smoothly. Full-width retracting fingers between each auger flight move crop down and under the auger.



## 740CF flexibility for precise harvesting efficiency

The SuperFlex header is the ideal choice for undulating terrain since the knife bed can flex a full 4.5 inches in uneven fields to ensure a close cut and uniform stubble height. The full-floating auger with deep flights provides fast, smooth feeding in the heaviest crops. With 1,150 cuts per minute and in-cab hydraulic fore-aft reel adjustment, precise feeding and processing are a given. By maintaining a pre-set ratio between reel speed and ground speed, you achieve consistent feeding as ground speed changes.

## Fully integrated side knives

Add the optional 18-tooth side knives to the Varifeed™ header when working with direct-cut canola or other bushy crops, and control them using the IntelliView™ IV color touchscreen. When the knives aren't required, store them on the dedicated storage bracket provided on the header.



## TERRAIN TRACER™

The advanced TERRAIN TRACER™ system is available in three operational modes:

- **Compensation Mode** uses a pre-established ground contact pressure that is hydraulically maintained to ensure efficient harvesting of laying or low growing crops such as peas and beans.
- **Automatic Stubble Height Control** maintains a pre-set stubble height by using sensors located on the underside of the header.
- **The updated Autofloat™ system** uses a combination of new hydraulic valves and software algorithms to achieve the best possible terrain contouring. This system automatically adjusts the header's position hydraulically to maintain uniform stubble height and to prevent the header digging into the ground.



| Draper headers                          |     | CR6.90 | CR7.90     | CR8.90         | CR8.90 Opti-Clean | CR9.90 Opti-Clean | CR10.90 Opti-Clean |
|-----------------------------------------|-----|--------|------------|----------------|-------------------|-------------------|--------------------|
| 880CF SuperFlex cutterbar cutting width | ft. | 30, 35 | 30, 35, 40 | 30, 35, 40, 45 | 30, 35, 40, 45    | 30, 35, 40, 45    | 30, 35, 40, 45     |
| 840CD rigid cutterbar cutting width     | ft. | 30, 35 | 30, 35, 40 | 30, 35, 40     | 30, 35, 40        | 30, 35, 40        | 30, 35, 40         |



### 880CF SuperFlex draper headers for ultra-close cutting and minimum losses

The 880CF SuperFlex draper header provides ground-hugging flotation so farmers can harvest every bit of their valuable crop.



### 840CD rigid draper heads for ultimate harvesting capacity

The 840CD rigid draper head delivers outstanding performance in small grains and specialty crops such as rice. A six-bat New Holland-designed cam reel smoothly feeds crop to the cutterbar and draper belts, helping to reduce header loss.

### Industry-leading SynchroKnife drive eliminates header vibrations and reduces header loss to put more grain in the tank

All New Holland draper heads feature the award-winning SynchroKnife™ center-knife drive system. This system works on the same basis as the two opposing knife drives, but eliminates the vibrations they can cause by keeping the opposing knives perfectly synchronized. The design also reduces maintenance needs and saves power.

| Pickup headers                     |     | CR6.90 | CR7.90 | CR8.90 | CR8.90 Opti-Clean | CR9.90 Opti-Clean | CR10.90 Opti-Clean |
|------------------------------------|-----|--------|--------|--------|-------------------|-------------------|--------------------|
| 790CP windrow pickup feeding width | ft. | 12, 15 | 12, 15 | 12, 15 | 12, 15            | 12, 15            | 12, 15             |

### 790CP windrow pickup heads provide complete pickup and transfer

Ideal for small grain and specialty crops, such as canola and grass seed, the 790CP features standard rear and optional front windguards to ensure even crop flow into the combine. The picking belt gently and efficiently transfers the crop onto the slatted transfer belt. This positive pickup action ensures continued harvesting productivity even in rained down or sprouting crops. A seed dam is an integrated part of the design—not a rubber add-on—and is located between the rear transfer belt roller and the floor, preventing losses to collect all the grain you pick.





# A perfect match.

New Holland has developed an upgraded corn header lineup to perfectly match the CR Revelation's operating profile. Following extensive field testing, both the rigid and folding versions deliver improved harvesting productivity and reliability. The new remote header angle adjustment allows you to set the position of the front face plate from the cab to maximize header performance in varying conditions. It improves performance and makes the most of precious harvest time.

| Corn header                                |      | CR6.90 | CR7.90     | CR8.90       | CR8.90<br>Opti-Clean | CR9.90<br>Opti-Clean | CR10.90<br>Opti-Clean |
|--------------------------------------------|------|--------|------------|--------------|----------------------|----------------------|-----------------------|
| 980CR corn head, 30" row spacing           | rows | 6 / 8  | 6 / 8 / 12 | 8 / 12 / 16  | 8 / 12 / 16          | 8 / 12 / 16          | 8 / 12 / 16           |
| 980CF folding corn head, 30" row spacing   | rows | -      | 12         | 12           | 12                   | 12                   | 12                    |
| 9200 narrow corn head, 20"/22" row spacing | rows | 12     | 12         | 12 / 16 / 18 | 12 / 16 / 18         | 12 / 16 / 18         | 12 / 16 / 18          |







### 980 Series modern corn headers for modern corn farming

- Shorter points better follow ground contours to prevent 'rundown' of crops.
- Grooves in the plastic direct loose corn kernels to the front of the combine.
- The replaceable wear strips extend the header's lifespan and all points flip up on self-supporting gas struts for easy cleaning and maintenance.



### Folding or rigid: the choice is yours

Rigid heads are available in 6-, 8-, 12- and 16-row configurations so you can choose just the right size for your fields and customers. The folding frame of the 12-row 980CF models allows you to fold the head from inside the combine, drive to the next field, unfold the head from the comfort of the cab, then continue the harvest. Folded width of the 12-row model is 16.2 feet. One operator alone can do it, with no trailer, no tow vehicle, and no need to get out of the seat.



### Best-in-class stalk chopping

- Gearbox with integrated stalk choppers delivers a fine chopped material, perfect for minimum or zero tillage operations.
- You can shut off each stalk chopper individually to save power and increase part life when not in use.

### Stalk Stomper tire protection

An optional Stalk Stomper kit is available for fixed or flip-up corn headers to reduce tire or track wear when harvesting corn by flattening the stubble in front of the wheels.



### Dependable operation

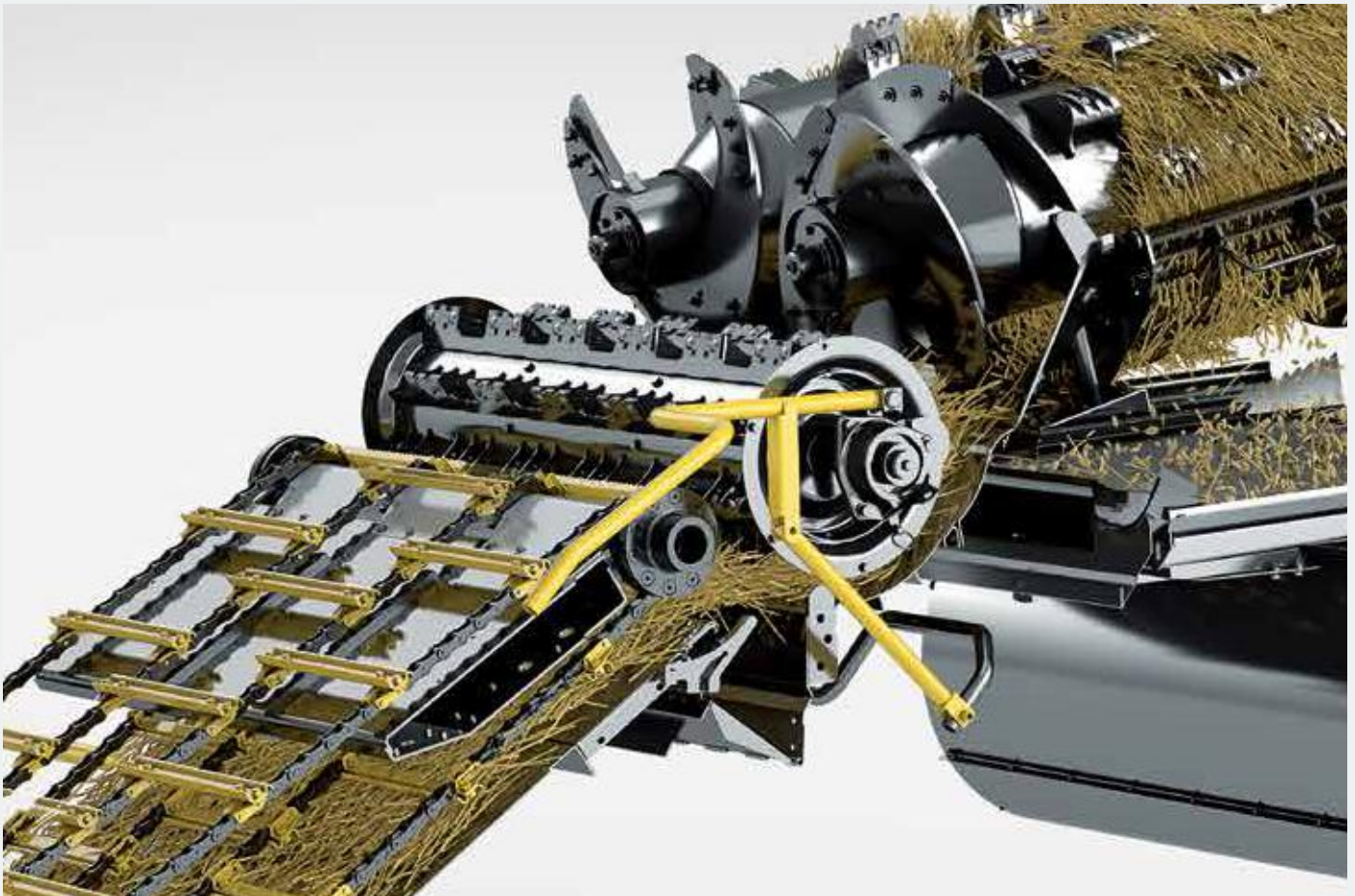
- All New Holland corn headers are designed for top harvesting performance in all crop conditions.
- The stalk rolls have four knives for aggressive pulling down of stalks of any size.
- You can adjust the deck plates hydraulically from the cab to adapt to changing stalk and cob size.
- Optional power dividers further enhance crop intake in lodged or downed corn crops.

# Enhanced protection for improved efficiency.

The CR Revelation's feeding system has been significantly upgraded to enhance its operation. The feeder features chains with evenly distributed slats for improved crop flow and even smoother feeding into the Twin Rotors. CR Revelation models are available with new and enhanced header lift capacity. You can now choose between the Advanced Stone Protection system or the optional, Deep Cut Dynamic Feed Roll™ system which ensures smooth crop flow into the threshing mechanism, together with full stone protection.

## Optional variable header and feeder technology

- Choose between the fixed and variable speed header and feeder drive combination.
- The variable option is ideal when harvesting corn.
- The operator can adjust the gathering chain and feeding speed, depending on crop yield and conditions, to optimize feeding.



## Deep Cut Dynamic Feed Roll™ system

- The Deep Cut Dynamic Feed Roll™ system delivers an even crop mat, smoothing out peaks in flow and maintains stone detection effectiveness in extremely stony conditions.
- Stones are automatically directed by an 18-inch-diameter closed beater into a dedicated stone trap located between the feeder and rotors.
- The non-stop harvesting increases capacity by up to 10% when operating on the stoniest ground.
- The system now features a deep cut design with serrated blades so that it is even gentler on the crop to deliver higher quality straw.
- You can easily empty the stone trap during routine daily checks.





### Dynamic Feed Roll™ reverser

When you need to reverse the feeder, you do it quickly from the cab with minimum downtime using the optional, best-in-class hydraulic Dynamic Feed Roll™ reversing system. Simply engage the system using the IntelliView™ IV display, and the hydraulic cylinder and toothed wheel ratchet system rocks the drum automatically to free the blockage and reverse the feeder to expel the material that caused it.



### Advanced Stone Protection system

- Automatic Stone Protection system (ASP) uses a detection sensor located under the closed lower drum of the straw elevator.
- When a stone is detected, the full-width pivoting door automatically opens and the stone is ejected.
- This solution requires minimal operator input and ensures an unobstructed flow of the crop from the feeder to the rotors.
- Grain quality, straw quality and overall capacity is enhanced, while protecting the machines internal components.



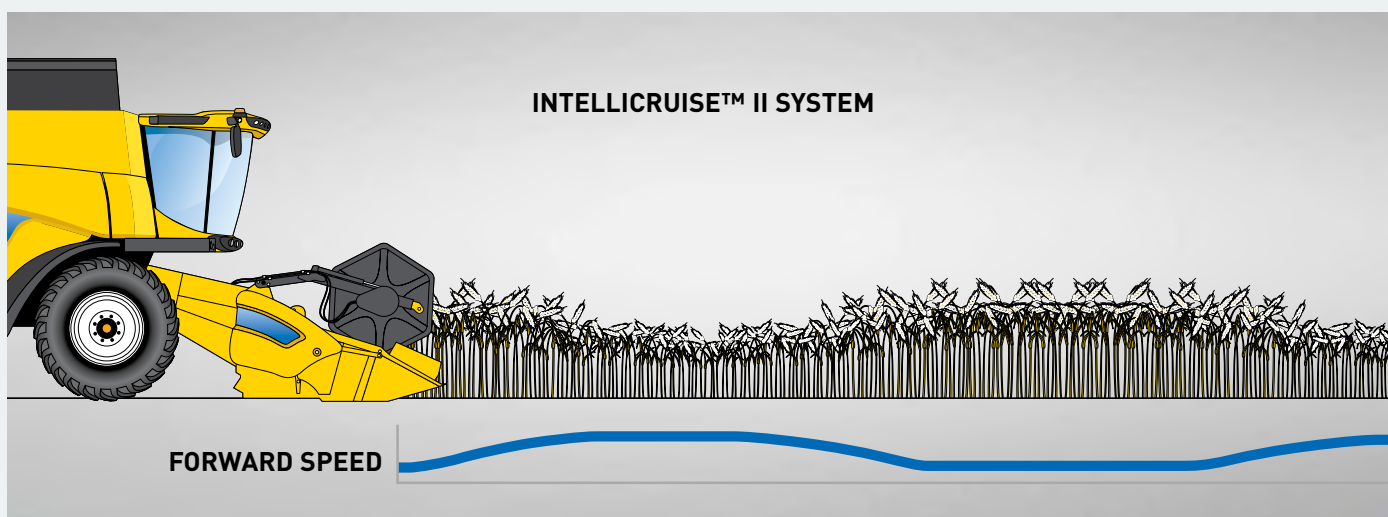
# Intelligent operation.

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Productive harvesting is a skilled activity which can take many seasons to learn. New Holland has developed technologies to help operators harvest efficiently and productively when working in fields with variable yields. IntelliCruise™ II technology uses a range of sensors to automatically optimize the CR Revelation's performance.







### Tailored cruising modes

Operators can select from three different driving strategies for the new IntelliCruise™ II feature:

**Maximum Capacity.** When working against tight weather windows, or when optimizing contracting performance, select the maximum capacity setting. This ensures that the combine's ground speed is set to make full use of the engine potential, causing it to run at maximum load.

**Fixed throughput.** To maintain uniform combine performance, choose the fixed throughput setting. This mode varies ground speed to maintain a set flow rate.

**Limited loss.** Every grain counts. For operations which prize minimal losses, New Holland engineered the limited loss setting, which controls ground speed to ensure losses do not exceed a pre-determined limit.



# Twin Rotor®: world-class grain quality.

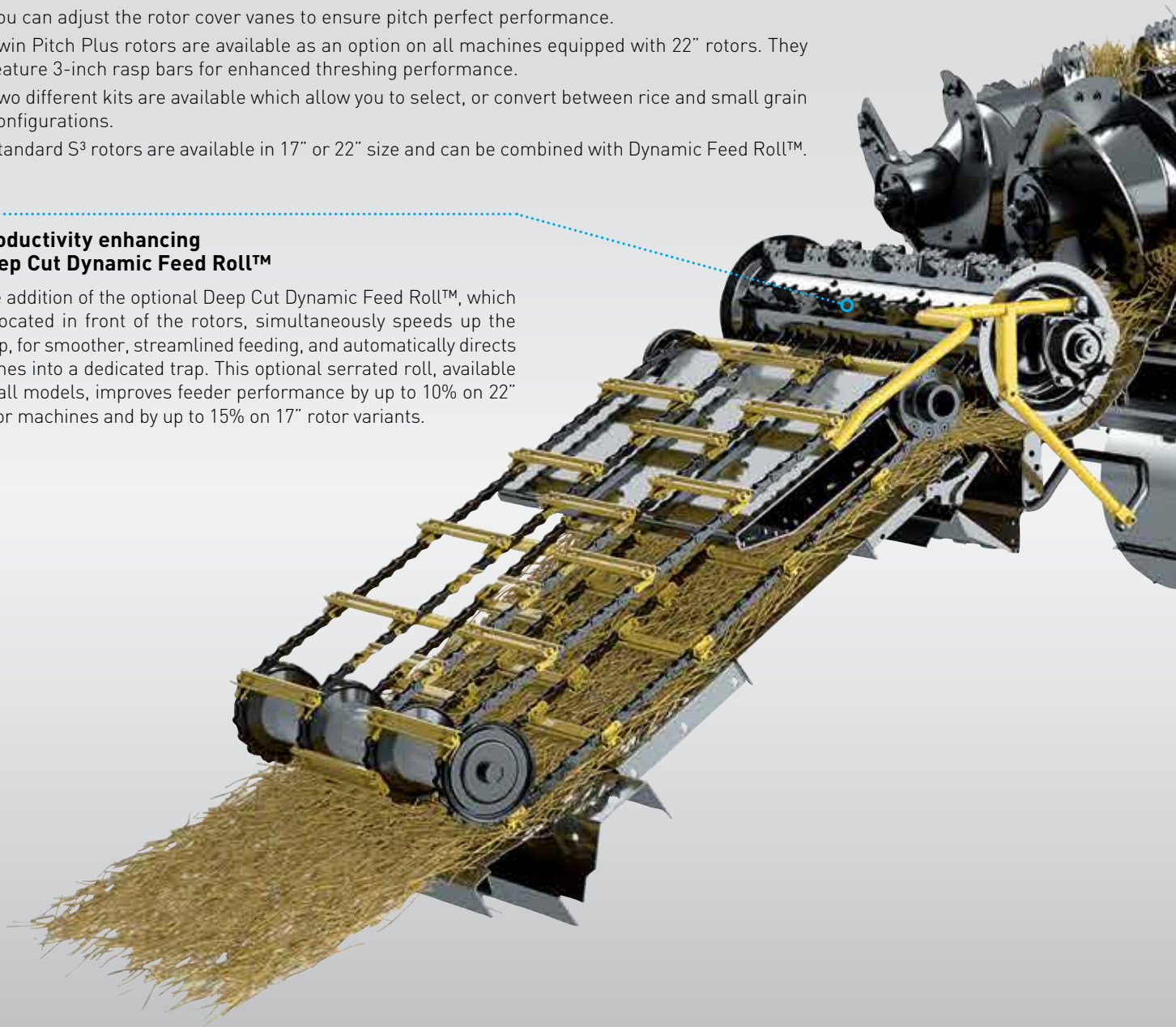
New Holland invented the Twin Rotor® concept over 40 years ago, and has been refining and evolving this technology for four decades to offer farmers ever increasing capacity and improved grain and straw quality. New Holland also knows that no two farms are alike, so two different types and sizes of rotor have been developed to suit farmers' individual needs. The 17" standard rotors are fitted to the CR6.90 and CR7.90 models, and the heavy-duty, high-capacity 22" design are fitted to the CR8.90, CR9.90 and CR10.90 models. A customized machine for top drawer quality and performance.

## Twin Pitch rotors

- The Twin Pitch rotors standard design features 44 2.25-inch rasp bars to deliver a performance increase, particularly in tough crop conditions.
- In damp conditions, Twin Pitch rotors can increase capacity up to 10%.
- You can adjust the rotor cover vanes to ensure pitch perfect performance.
- Twin Pitch Plus rotors are available as an option on all machines equipped with 22" rotors. They feature 3-inch rasp bars for enhanced threshing performance.
- Two different kits are available which allow you to select, or convert between rice and small grain configurations.
- Standard S<sup>3</sup> rotors are available in 17" or 22" size and can be combined with Dynamic Feed Roll™.

## Productivity enhancing Deep Cut Dynamic Feed Roll™

The addition of the optional Deep Cut Dynamic Feed Roll™, which is located in front of the rotors, simultaneously speeds up the crop, for smoother, streamlined feeding, and automatically directs stones into a dedicated trap. This optional serrated roll, available on all models, improves feeder performance by up to 10% on 22" rotor machines and by up to 15% on 17" rotor variants.





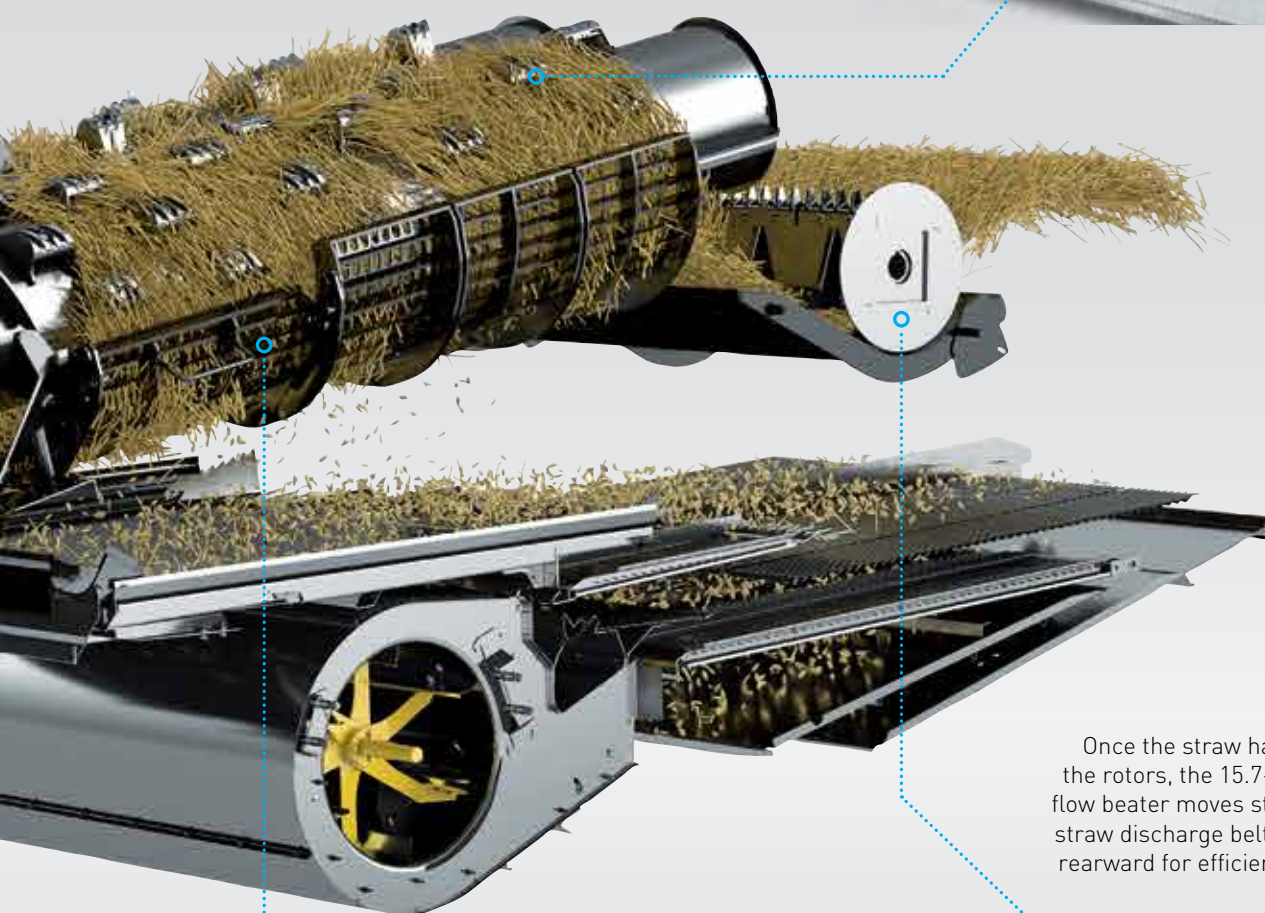
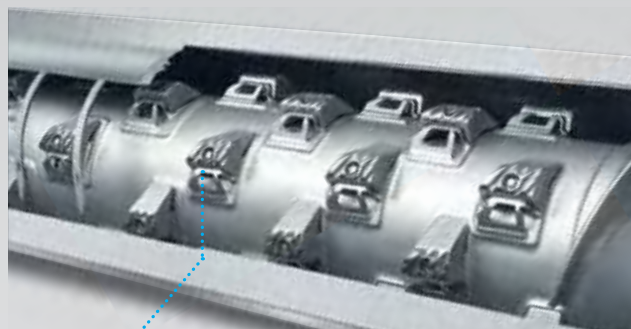
### Dynamic Flow Control™ rotor vanes

You can adjust rotor vanes remotely from the cab to maintain optimal crop threshing efficiency, even when crop conditions change. This enables overall capacity increases of up to 20%.



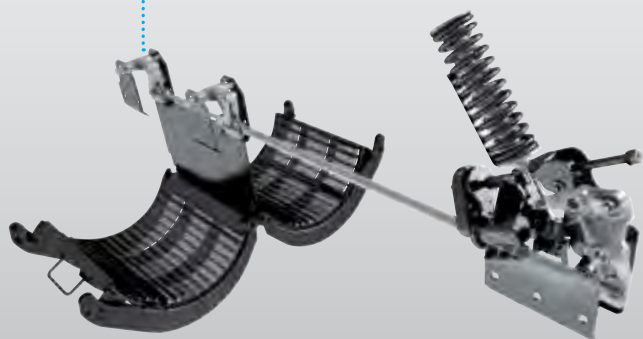
### Pitch perfect performance

The Twin Pitch Plus rotors, optional on all models equipped with the 22" rotors, feature larger and taller rasp bars to significantly increase the threshing area.



### Straw processing

Once the straw has reached the end of the rotors, the 15.7-inch-diameter straw flow beater moves straw onto the positive straw discharge belt, which directs straw rearward for efficient flow through to the rear of the combine.

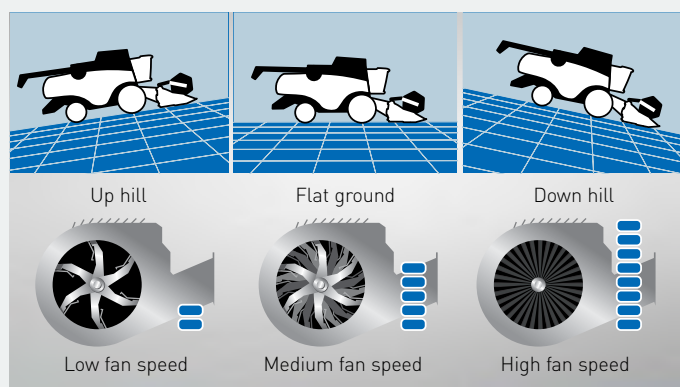


### Concave reset

In the event of concave overload, the standard concave reset function can be remotely activated from the comfort of the cab. Meaning one person can do the job, on their own in a matter of minutes. Saving valuable harvesting time.

# Achieve the cleanest grain sample.

Best-in-class grain quality. The industry's cleanest grain sample. It must be the CR Revelation. In comparative tests that evaluate the grain sample of different harvesting concepts, Twin Rotor® technology beat the competition hands down. The result: a minuscule 0.2% broken grain, thanks to the unique Twin Rotor® concept which ensures in-line crop flow for the gentlest grain handling. Grain quality is further enhanced by award-winning features including the Opti-Clean™ and Opti-Fan™ systems.



## Gravity defying Opti-Fan™ technology

The Opti-Fan™ system compensates for effects of gravity. Simply select the desired fan speed on flat ground and the system automatically adjusts it when going up or downhill to maintain cleaning performance. When traveling on upward slopes the fan slows down to prevent sieve losses, and when tackling downhill gradients, fan speed increases to prevent thick material build ups on the sieves.







### Neutralize side slopes of up to 17%

The self-leveling cleaning shoe helps distribute crop uniformly to deliver unsurpassed cleaning performance. The system automatically optimizes the angle by up to 17% to neutralize the effects of side slopes, and also prevents grain banking during headland turns to reduce losses.



### Adjust your sieves from your seat

In changing crop conditions, you can remotely adjust both the main sieves, and now the pre-sieves, from the cab. Simply open the sieve in heavier crops to allow greater wind flow or reduce the sieve opening in lighter crops, to prevent losses and improve harvesting efficiency. You can clearly see the cleaning shoe for maintenance or adjustment whether it's day or night due to the provided LED light and yellow color scheme.

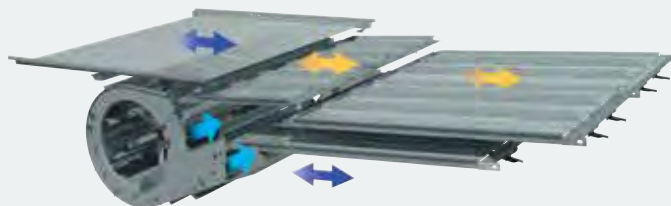


### The CR Revelation remembers your crops

- To reduce set-up time when switching between crops or when working in varying crop conditions, the CR Revelation features Automatic Crop Setting (ACS), with 50 crop-specific settings.
- Select from pre-installed settings, or simply program two harvest parameters for each crop, including reel speed and position, rotor speed and concave setting, sieve opening and cleaning fan speed. You can recall the settings on the IntelliView™ IV monitor when required. For the ultimate performance and convenience, use the IntelliSense™ automation system—it automatically adjusts the combine settings for you.

### The cleanest grain for the highest rewards

- With a total area under wind-control of 10,075 square inches on the CR8.90, CR9.90 and CR10.90 models, and of 8,370 square inches on the CR6.90 and CR7.90 models, the cleaning shoe efficiently handles the largest grain volumes.
- Both the Aggressive Shake shoe and the Opti-Clean™ system optimize the stroke and throwing angles of each of the main components in the cleaning system for higher throughput.



### The Opti-Clean™ system for small grains

For the highest cleaning capacity in small grain crops such as canola, wheat and barley, the Opti-Clean™ system features a grain pan, pre- and top sieves that operate independently to optimize the cascade for greater capacity. The longer sieve stroke and steep throwing angle keep more material airborne, for even higher cleaning efficiency. The opposing motion of the grain pan and bottom sieve to the pre-sieve and the top sieve reduces overall machine vibrations and increases operator comfort.

### Aggressive shake for a better-quality sample in corn and beans

The aggressive shake system significantly enhances cleaning and throughput. This advanced system improves the transition between the cleaning shoe and the grain elevator and can manage high volumes of corn and beans with ease. It can effectively clean and process a throughput of up to 5,500 bushels per hour, making a 10% performance increase in high-yielding corn possible. Select from two sieve positions—a throw angle of 26° or 36°, with a shake angle that can be tailored to suit your individual crop.

### Precision airflow

- The CR Revelation unique paddle fan design generates the largest volume of air at a constant pressure – a design which is far superior to competitor alternatives.
- The fan has two dedicated openings to direct a powerful stream of air to both the pre- and top sieves for guaranteed cleaning performance.

# The sixth sense of harvesting.

Automation has a growing role to play in productive modern harvesting. New Holland's IntelliSense™ system equips CR Revelation combines with an industry-leading proactive system that reacts more quickly and smoothly to changing conditions. The system makes preemptive adjustments before overload or losses are even on the horizon. **It's the sixth sense of harvesting. The IntelliSense system maximizes throughput while minimizing losses and grain damage.**

## Every 20 seconds, the IntelliSense™ system selects the best action out of 280 million possibilities

The IntelliSense system uses a range of patented New Holland technologies as well as existing features to deliver harvesting productivity. These include:

- **Industry-first cleaning shoe load sensor** accurately reports the volume of material on the sieves. The CR Revelation combine proactively and constantly adapts threshing settings, fan speed and opening of the pre-sieve, upper and lower sieve to automatically deliver the desired results.
- **Automatically adjustable full-length Dynamic Control™ rotor vanes** improve the rotor's power efficiency without affecting threshing and separation settings, giving you greater fuel savings and performance.
- **Award-winning Grain Cam™ system** takes real-time images of the crop and analyzes this to produce a reading detailing grain quality, including the percentage of cracked grain and MOG (material other than grain).



### UNIQUE DYNAMIC FLOW CONTROL™ ADJUSTABLE ROTOR VANES

Automatically adjusts to enhance separation



### INNOVATIVE SIEVE LOAD PRESSURE SENSORS

Accurate measurement of cleaning shoe performance for informed automation







### Select from four harvesting strategies

Choose the driving mode that matches your harvesting goals and requirements:

- **Limited Loss** – making every grain count
- **Best grain quality** – when only the best will do
- **Maximum capacity** – when you need to get the job done fast
- **Fixed throughout** – when uniformity is the name of the game

These operating modes can be further refined to meet specific harvesting conditions. Furthermore, once the system has been activated it will remain on and continue to learn throughout the season.

### Outstanding operator performance all day long

Testing has shown that throughout the course of a long harvesting day, IntelliSense™ technology delivers superior performance, even when compared to the most experienced operators. By constantly adjusting combine settings during the entire day, the IntelliSense system supports experienced drivers to increase daily productivity by up to 10%, and goes even further to help a novice reach up to 20% more output. With the advantage of IntelliSense automation, operators experience less stress, with fewer decisions to make, easier control and less fatigue.



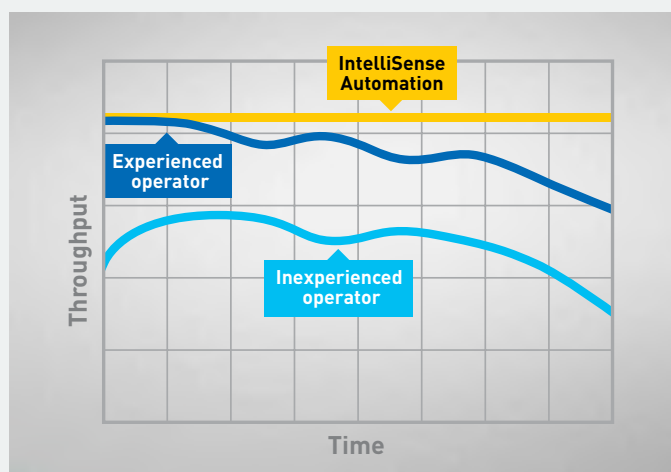
#### INDUSTRY-FIRST GRAINCAM™ SYSTEM

Analyzes crop to produce accurate grain quality reading



#### SET UP AND LET THE AUTOMATION SYSTEM TAKE CONTROL

Intuitive control through the IntelliView™ display



### Flexibility across different crops

IntelliSense has been configured to work with the following crops: wheat, barley, canola, corn and soybeans. Additional crop types are under development.



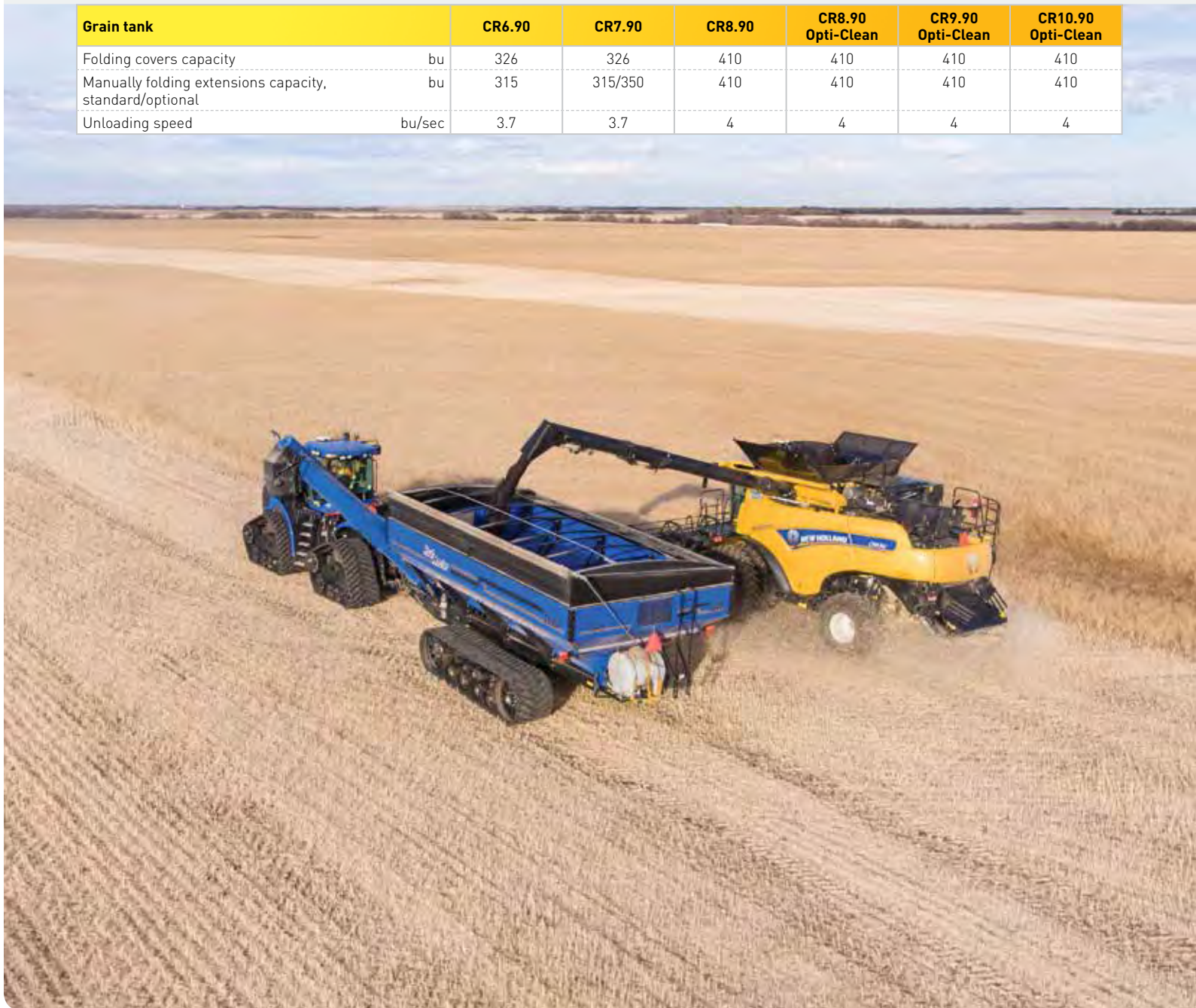
# Time-saving, high-volume grain management.

The large size of the CR Revelation grain tank perfectly matches its high capacity. The unloading auger is longer too to match the performance of the new generation of CR Revelation combines and today's largest headers.

## Controlled traffic farming

CR8.90, CR9.90 and CR10.90 models are now compatible with controlled traffic farming, allowing operations to conduct fewer infield passes to carefully manage field traffic. The new combination of unloading tube and extension reaches up to 39'4" to allow unloading on-the-go while controlling soil compaction.

| Grain tank                                                 |        | CR6.90 | CR7.90  | CR8.90 | CR8.90<br>Opti-Clean | CR9.90<br>Opti-Clean | CR10.90<br>Opti-Clean |
|------------------------------------------------------------|--------|--------|---------|--------|----------------------|----------------------|-----------------------|
| Folding covers capacity                                    | bu     | 326    | 326     | 410    | 410                  | 410                  | 410                   |
| Manually folding extensions capacity,<br>standard/optional | bu     | 315    | 315/350 | 410    | 410                  | 410                  | 410                   |
| Unloading speed                                            | bu/sec | 3.7    | 3.7     | 4      | 4                    | 4                    | 4                     |







### High performance grain handling

The 410-bushel grain tank on the CR8.90, CR9.90 and CR10.90 is the perfect match for these high-performance machines. You can fan out the grain tank covers electronically from the cab. This remote cover reduces grain losses when working on steep inclines, and allows for easier closing for road transport and storage. Grain tank extension is manually operated.

The yellow tank interior gives you better visibility, particularly during night harvesting. The redesigned grain elevator increases grain flow capacity up to 10% to improve performance in the most challenging crops like high-moisture corn.



### Longer, stronger and more accurate

- The extra-long unloading tube has been completely redesigned for perfect compatibility with today's largest headers.
- Choose the optional folding auger which provides convenient folding control right from the cab. It also reduces overall length to facilitate road transport.
- The pivoting spout, controlled via the CommandGrip™ multi-function handle, enables operators to precisely direct the crop for uniform trailer filling and is available on all models.
- Empty the largest 410-bushel grain tank in less than two minutes thanks to a 4-bu/sec unloading speed—up to 5% faster compared to competitors.



### Keep an eye on your grain

- New Holland has designed a 36"x22" viewing window in the cab.
- You can also keep an eye on the grain tank fill level, which is displayed on the IntelliView™ IV monitor.
- A grain flap you access from the operator's platform allows for manual sampling.



### Robust option for abrasive crops

- Specify your CR Revelation with the "abrasive option" for prolonged operation in abrasive crops such as rice or sandy soil.
- The grain elevator, bubble-up auger and unloading auger are manufactured using heavy-duty materials to withstand prolonged operation.

# Uniform, wide spreading.

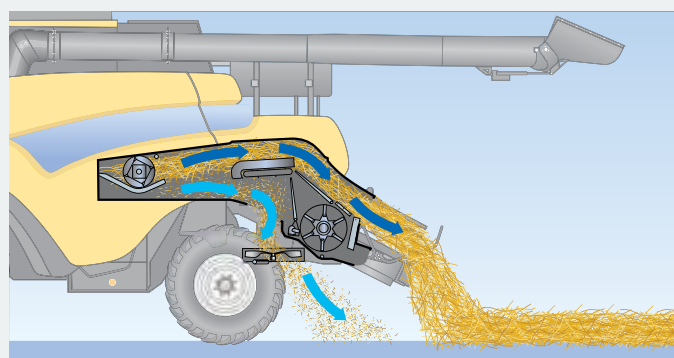
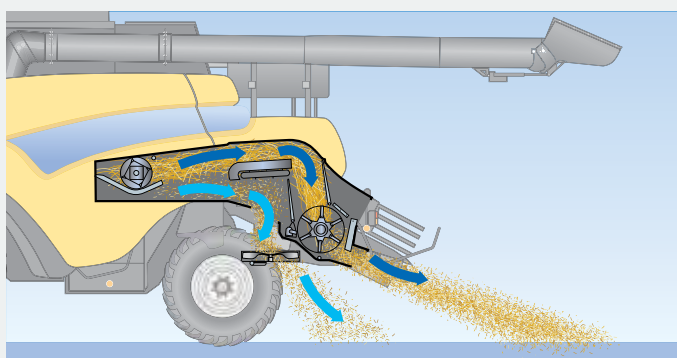
The CR Revelation features a completely redesigned residue management system. In order to ensure uniform spreading of residue across the entire working width, the Opti-Spread™ Plus system has been completely reconceived and upgraded, with spreading across a width of up to 45 feet. The heavy-duty chaff spreading system has been further enhanced to ensure that chaff is evenly distributed for agronomic excellence.

## **Opti-Spread™ Plus system: spreading wide. Always.**

- Heavy-duty construction allows for chopping and spreading of heavy corn residue.
- No matter which header you fit, the Opti-Spread system spreads residue uniformly across the entire working width.
- The optional Opti-Spread™ Plus straw spreader mounted behind the straw chopper spreads up to 45 feet to easily meet any spreading width requirement.
- This system has been further enhanced with the addition of Dual-Chop™ technology.
- All residue passes through a rake containing razor-sharp blades to ensure a superfine chop of all material.
- This is perfect for minimum or no tillage operations that employ shallow cultivation techniques.
- Operators control the Opti-Spread™ Plus system from the cab, adjusting the two powerful discs as needed to counteract any wind or side-slope impact.







### Straw that's perfect for baling

Since Twin Rotor® technology offers perfect in-line crop flow, and eliminates the need for aggressive changes in speed and direction, straw structure is maintained and breakages are minimal, providing straw that's perfect for baling. The straw flow beater moves the straw onto the positive straw discharge belt to maintain straw flow.



### New chaff spreader

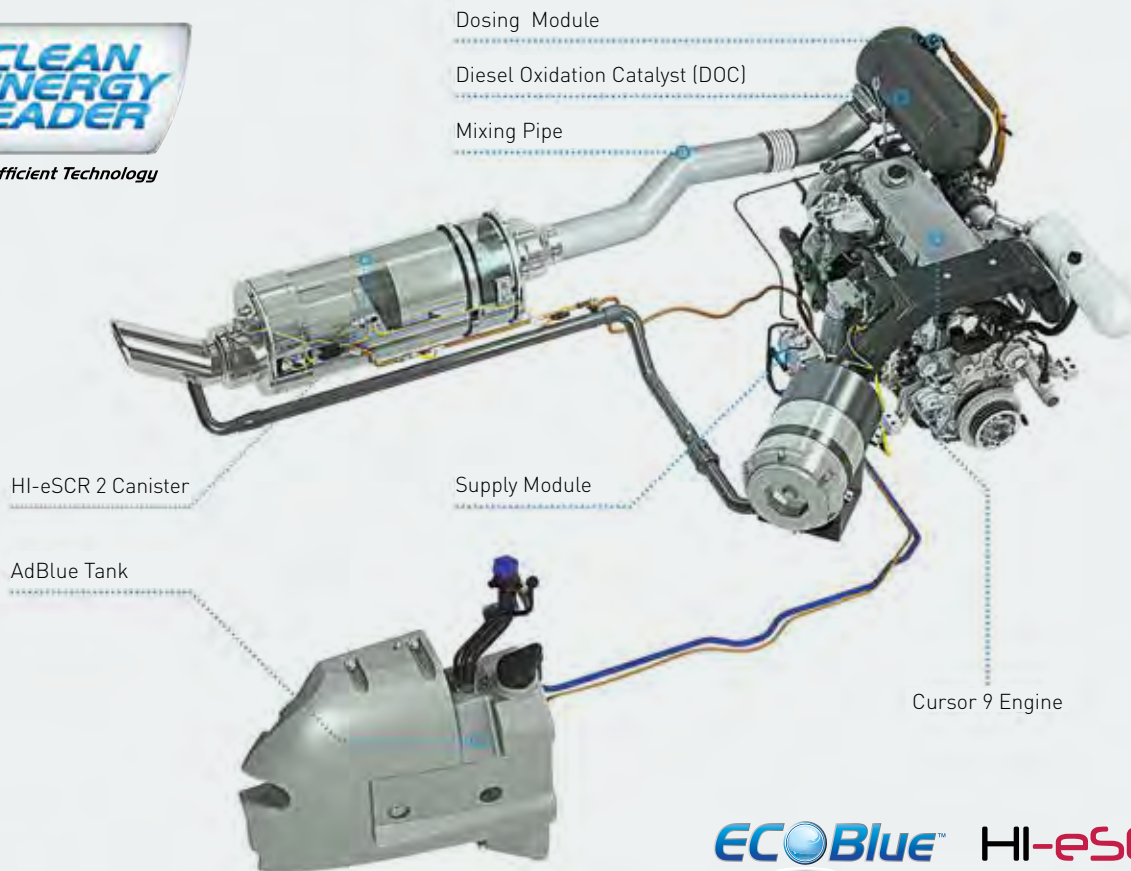
The new patented twin-disc chaff spreader can spread the chaff across the entire width of the header. You control the speed of the chaff spreader from the cab to respond to crop or weather conditions.

### Chopping fine, spreading wide. New Holland straw choppers.

- The New Holland in-house range of straw choppers have been developed to perfectly match CR Revelation performance.
- Choose between four and six chopper configurations with wind blades installed at the outer edges of the rotors for high spreading capacity.
- The high-speed chopper—3100 rpm on CR6.90 to CR7.90 models and 4000 rpm on CR8.90 and larger models—ensures fine chopping and wide spreading.

# Powerful respect. For you. For your farm. For the future.

As the Clean Energy Leader®, New Holland is your sustainable farming partner. CR Revelation Series models built in Zedelgem feature the new ECOBlue™ HI-eSCR 2 technology for Stage V compliance to reduce emissions for even cleaner air. The proven ECOBlue™ technology uses AdBlue to transform the harmful nitrogen oxides contained in the exhaust gas into harmless water and nitrogen. This after-treatment system is separate from the engine which means the engine only breathes clean, fresh air. What does this mean for you? **Clean-running engines that offer improved performance and enhanced fuel economy.**



**ECOBBlue™ HI-eSCR2**

| Models                                           | CR6.90       | CR7.90       | CR8.90        | CR8.90<br>Opti-Clean | CR9.90<br>Opti-Clean | CR10.90<br>Opti-Clean |
|--------------------------------------------------|--------------|--------------|---------------|----------------------|----------------------|-----------------------|
| Engine*                                          | FPT Cursor 9 | FPT Cursor 9 | FPT Cursor 13 | FPT Cursor 13        | FPT Cursor 13        | FPT Cursor 16         |
| Compliant with engine emissions regulations      | Tier 4B      | Tier 4B      | Tier 4B       | Stage V              | Stage V              | Stage V               |
| Displacement L (cu. in.)                         | 8.7 (531)    | 8.7 (531)    | 12.9 (787)    | 12.9 (787)           | 12.9 (787)           | 15.9 (970)            |
| ECOBBlue™ system (Selective Catalytic Reduction) | HI-eSCR      | HI-eSCR      | HI-eSCR       | HI-eSCR2             | HI-eSCR2             | HI-eSCR2              |
| Injection system                                 | Common Rail  | Common Rail  | Common Rail   | Common Rail          | Common Rail          | Common Rail           |
| Rated engine power hp (kW)                       | 374 (275)    | 420 (308)    | 496 (365)     | 496 (365)            | 544 (400)            | 639 (470)             |
| Maximum engine power hp (kW)                     | 415 (305)    | 460 (338)    | 571 (420)     | 544 (400)            | 600 (441)            | 700 (515)             |

\*Developed by FPT Industrial

CR10.90 - Extra power is available when unloading and chopping. In swath mode or low chopper speed (corn), the engine is derated to a rated 598 hp / max 653 hp.

NOTE: CR Revelation models built in Grand Island, Nebraska, remain at Tier 4 Final (Tier 4B) emission compliance levels.





### More power for your harvest

New engines across the board deliver higher engine outputs with low emissions. Opti-Clean models feature ECOBlue™ HI-eSCR 2 technology to achieve Stage V emissions compliance — the most stringent regulation to date — while maintaining or increasing power output. The top-of-the-line CR10.90 with Cursor 16 engine continues to deliver 700 maximum engine horsepower for record-breaking performance in the field, while the CR9.90 Opti-Clean model gains 29 horsepower. The CR8.90 combine built in Grand Island, Nebraska boasts a power increase up to 54 horsepower while using the acclaimed ECOBlue™ HI-eSCR technology for Tier 4B compliance.



### More money in your pocket

CR Revelation combines reduce your operating costs with the fuel efficiency assured by ECOBlue™ HI-eSCR 2 technology. During road transport, engines run at a mere 1400 rpm to further minimize fuel consumption. Add New Holland's industry-leading 600-hour service intervals to your lower fuel bill and the cost savings are phenomenal.



### Increased transport productivity and safety

The new two-speed ground drive increases harvesting productivity and simplifies operation. This new system delivers increased traction, ideal when working in undulating and greasy fields. During road transport, you no longer need to change gears. Additional features include multi-disc wet brakes for enhanced performance and durability. The electro-hydraulic diff lock that you control with a floor-mounted pedal completes the package.



### Power saving drivelines

- Overall reliability and low power consumption are the result of proven, direct drivelines. A belt-driven system is easy to handle and allows for on-farm maintenance.
- Positorque variators offer simple and efficient technology that means more power for harvesting when compared to the heavy, power-sapping CVT alternatives offered by competitive-brand combines.



### Super tight turning

The compact CR Revelation design and impressive 50° steering angle give it a turning circle of under 46 feet. This means tighter headland turns for improved straw quality, and less time turning and more time harvesting. The four-wheel-drive option now features two speeds.

# The correct track tension – all the time, automatically

SmartTrax tracks feature an automatic continuous heavy-duty tensioning system which ensures that the correct track tension is always maintained. Moreover, the tensioning system is completely separate from the drive wheel, for ultimate simplicity and reliability.

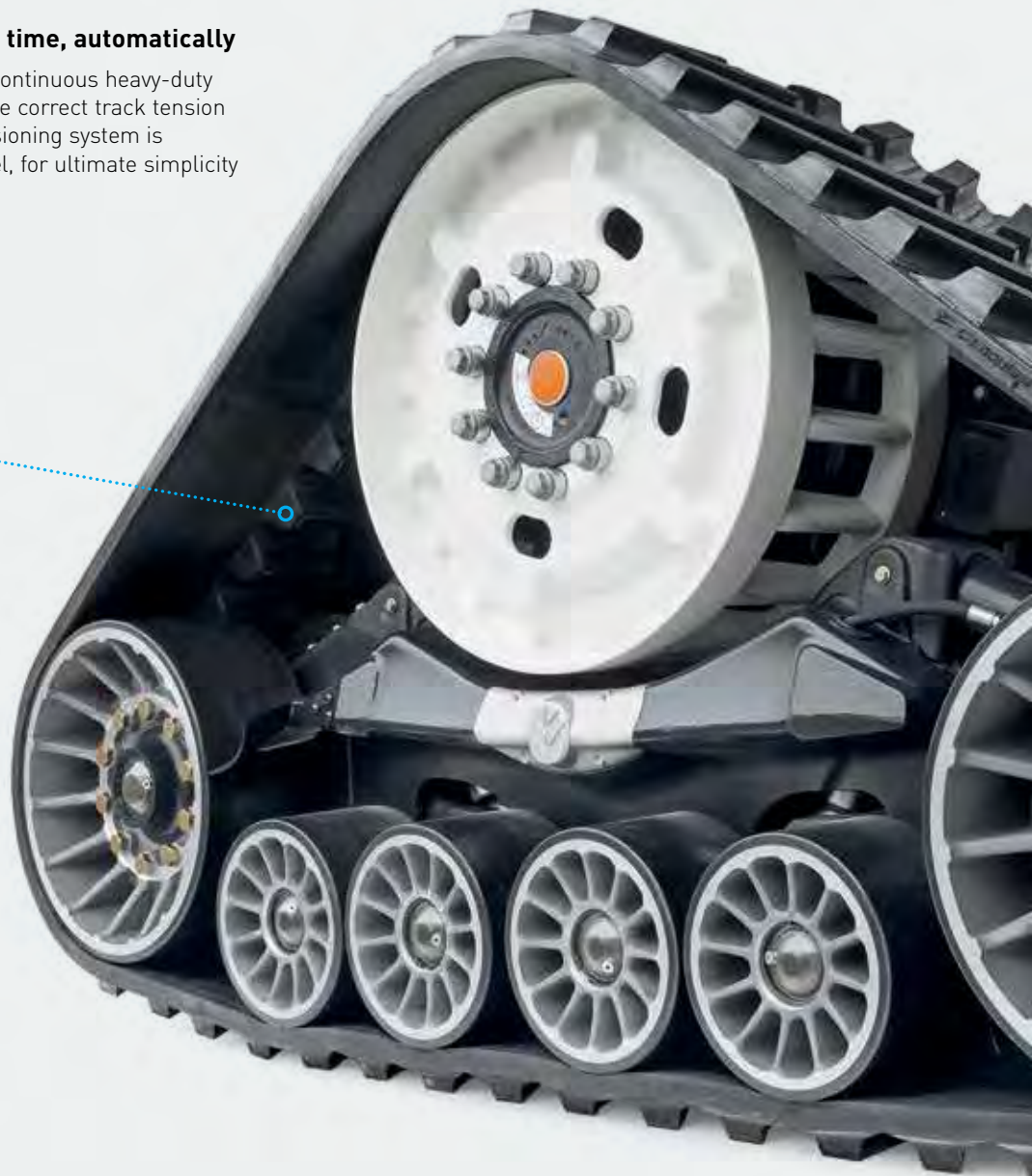
## **SmartTrax™ with Terraglide™ suspension: your comfort partner**

SmartTrax™ rubber tracks with Terraglide™ suspension bring New Holland's acclaimed smooth ride and suspension technology to tracks. This enables a top transport speed of 25 mph.

## **The correct track tension – all the time, automatically**

SmartTrax tracks feature an automatic continuous heavy-duty tensioning system which ensures that the correct track tension is always maintained. Moreover, the tensioning system is completely separate from the drive wheel, for ultimate simplicity and reliability.

The positive lugs on the inner side of the tracks maintain physical contact with the drive wheel for the ultimate in efficient power transmission.

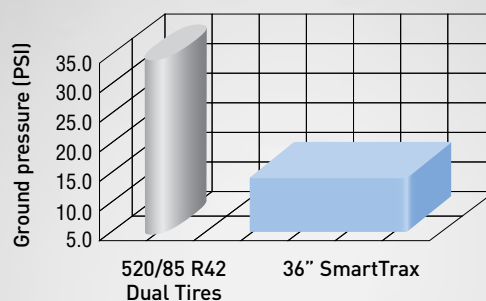




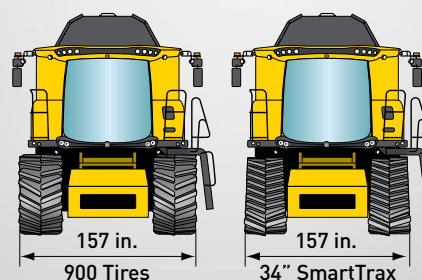


- Two pairs of oscillating, hydraulically suspended rollers work together to produce a smooth ride and improved transport safety.
- Longer track length provides a larger overall footprint for reduced field compaction.

The SmartTrax triangle design, together with the rubber cleats on the outer belt, ensure a positive contact with the soil and unsurpassed traction when working on the steepest slopes or in the wettest or dustiest conditions.

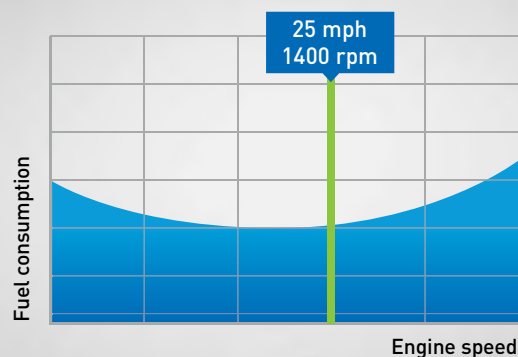


Transport width



### A track to suit your needs

- SmartTrax are available in 34-inch width for the Terraglide™ suspension on the CR Opti-Clean models from Belgium.
- SmartTrax 36-inch width 3-roller non-suspended tracks are offered from Grand Island.

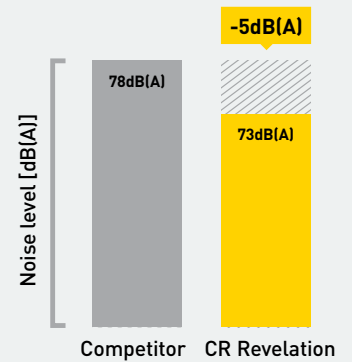


### Saving time. Saving fuel.

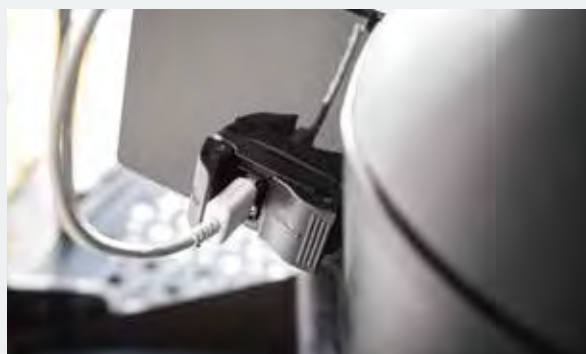
- With a top transport speed of 25 mph at a mere 1400 engine rpm, new CR Revelation combines fitted with SmartTrax™ with Terraglide™ suspension are the obvious choice for operations looking to reduce downtime and fuel costs.
- Fuel economy is further enhanced by the super-low rolling resistance, which offers significant savings over competitor solutions.

# A new benchmark for harvesting comfort.

CR Revelation combines give you a home away from home during long harvesting days. The Harvest Suite™ Ultra cab is completely new from the floor up and is the fruit of extensive customer consultation. You have more room with an increased cab volume of 131 cubic feet that includes 68 square feet of glass, 7% more than previous models. You can enjoy all that space in the peace and quiet of the near silent 73dB(A) cab.







### A place for everything

- Conveniently recharge your devices using the two USB charging ports located at the front of the right-hand console.
- Stow essential documents in the large compartment behind the seat.
- Print off field data without having to go back to the office using the new onboard printer.



### Stay refreshed on the hottest days

- The large portable fridge under the instructor seat can be easily removed for replenishment.
- Automatic climate control comes as standard, which automatically adjusts fan speed to guarantee accurate temperature control.



### 360° panoramic view

- You get a perfect view through the Harvest Suite™ Ultra cab's wide curved window.
- You have a clear view to the edge of the header since the floor slopes down to the windshield.
- Darker interior colors reduce the reflection in the windshield to improve visibility.
- You get a wide viewing arc to the sides and rear using the standard electric mirrors.
- Expand your view with up to three optional viewing cameras that you manage through the IntelliView™ IV monitor, with one installed from the factory and prewired for backing up.
- Stay warm when harvesting corn in cold conditions with the optional heated floor mat.

# Effortlessly maximize your performance.

Intelligent and intuitive automation saves times and enhances harvesting performance. The CommandGrip™ multi-function handle controls all key machine and header parameters, including header height, reel position and unloading engagement. The right-hand console contains less frequently used functions, which are laid out in an ergonomic and logical manner. Analyze combine functions at a glance courtesy of the color IntelliView™ IV monitor.



## Wide-screen harvesting

- Ultra-wide 10.4-inch IntelliView™ IV color touchscreen monitor is fixed on rollers which you can move along an ideal viewing arc.
- Request a second screen—perfect for IntelliSteer® auto guidance tasks, mapping follow up or IntelliSense™ parameters.





This intuitive, 10.4-inch-wide color IntelliView™ touchscreen displays and monitors all combine functions and parameters, allowing you to make adjustments with the touch of a finger



Header and feeder engagement

Header reverse activation

Threshing engagement

Variable header / feeder speed adjustment

Road / Field mode

Rotor speed control

Reel speed synchronization

Concave position

Remote rotor vane adjustment

IntelliSteer® guidance activation

Cleaning fan speed

Open / Close grain tank cover

Presieve opening

Fold / Unfold unloading tube

Upper sieve opening

Electronic gear selection

Lower sieve opening

Remote adjustment to header angle tilt

Remote chaff spreader speed regulation

# Please, take a seat.

New Holland brings to you the best-in-class seat offering, with three different models providing you with a comprehensive choice. All seats give you improved cushioning with firmer, more durable seat cushions that provide outstanding comfort whatever the terrain. A standard, full-sized upholstered instructor seat folds down to provide a work surface when not in use.



## **Leather seat** (shown above)

The top-of-the-line, leather-trimmed seat adds the luxury of extended vertical travel and automatic weight adjustment that absorbs the most severe bumps to offer the ultimate in operator comfort and style.

## **Standard cloth seat**

The standard wide cloth-trimmed seat provides exceptional features and ensures all operators will stay comfortable throughout the day.

## **Deluxe cloth seat**

The optional deluxe, cloth-trimmed seat with heating and active ventilation features fore/aft movement for even more comfort.



# The most powerful combine lighting package.

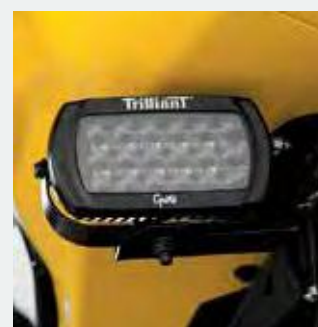
The CR Revelation lighting package sets a new standard, delivering up to a total of 48,000 lumens. The spread of light has been engineered for maximum visibility of the entire header and the field ahead. You can also exit your combine in complete safety courtesy of the entrance light, which remains on for 30 seconds after you've switched the combine off.



- The CR Revelation lighting package offers up to 27 LED work lights.
- A powerful all-new LED 'row finder' light is positioned in the center of the cab roof, to enable operators to pinpoint each individual row when harvesting late into the night.



Rear lamps enable operators to monitor residue, while two lamps located on the side panel illuminate the rear axle to assist when maneuvering and prevent crushing standing crop.



- You have the choice between Halogen and LED working lights.
- An additional long-distance LED lighting package is available that offers incredible visibility up to a quarter mile.

# New Holland guidance systems to match your needs.



A full range of guidance solutions are available from New Holland and include manual and assisted guidance. You can even specify your CR Revelation with fully integrated IntelliSteer® auto guidance direct from the factory to start saving money from your first run. Fully compatible with the most accurate RTK correction signals, IntelliSteer can guarantee pass-to-pass and year-to-year sub-inch accuracy. SmartSteer™ crop edge guidance and automatic row guidance for corn headers are just some of the numerous options which are designed to increase your harvesting efficiency and productivity.



## Levels of accuracy and repeatability

New Holland offer multiple levels of accuracy, allowing you to select the right IntelliSteer® system to match your needs and budget. When using RTK correction with IntelliSteer you can enjoy guaranteed year-on- year repeatability.



## RTK base station

An RTK base station can be used to broadcast a correction signal to achieve pass-to-pass sub-inch accuracy.





### NH 372 receivers

- New Holland 372 antenna receives both DGPS and GLONASS signals and is fully compliant with EGNOS, OmniSTAR, RTX, or RTK correction.
- For RTK applications, a slim-profile radio is mounted underneath the receiver. The antenna is positioned on the top of the grain tank to improve signal reception and enhance operation.



### IntelliView™ - visible intelligence

- The ultra-widescreen 10.4-inch IntelliView™ IV color touchscreen monitor can be used to manage the optional IntelliSteer® auto guidance system.
- The IntelliView™ monitors enable fingertip programming of a variety of guidance paths, from straight A-B runs to the most complex adaptive curves.
- Settings can be personalized easily and also transfer data using PLM® Connect File Transfer and PLM desktop software packages.



### Corn guidance

- Corn headers are available with automatic row guidance to keep the combine perfectly on course.
- Two sensors monitor the position of the crop entering the header, and automatically guide the combine to ensure true perpendicular entry, even in poor visibility or at high speeds.
- The system can be linked to a GPS positioning system, which can distinguish between cut and uncut rows, to facilitate nighttime harvesting and advanced harvesting activities such as skip row functionality.

# Integrated yield and moisture sensing.

The CR Revelation Series is engineered with precision farming features right at its very heart. The IntelliView™ IV monitor continually updates and displays yield information. You can store, download and analyze this data with PLM® Connect Telematics precision farming software to establish accurate yields maps. These can be used to fine tune inputs to maximize yields and minimize input costs.



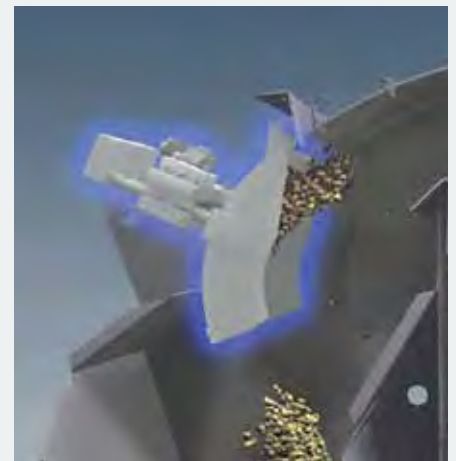
## EVO NIR on board real-time sensing

The optional new EVO NIR On-board sensor, available from Dinamica Generale, a leading sensor technology company, enables CR combine owners and operators to monitor and record a whole host of crop moisture and nutrient parameters in real time with outstanding 2% accuracy. Monitored parameters include Moisture, Protein, Fat, Starch, Neutral Detergent Fiber (NDF) and Acid Detergent Fiber (ADF). This data can be used to tailor a range of inputs to enhance subsequent yields.



## Real-time moisture sensing

New Holland's moisture sensor measures grain moisture in real time, taking samples every 30 seconds and sending data to the IntelliView™ IV monitor to keep operators continually informed. This allows operators to adapt machine parameters accordingly.



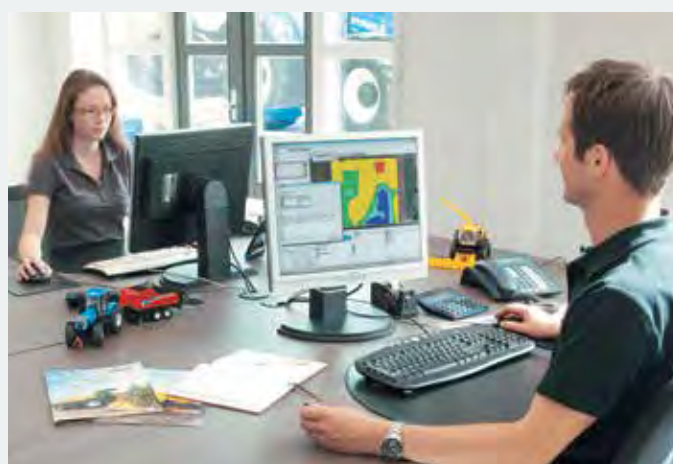
## Yield mapping

The patented, new high-flow, high-accuracy yield sensor is a New Holland exclusive and is generally recognized as the best in the industry. The sensor generates an extremely accurate yield measurements for the variety or the moisture content of the kernel. Furthermore, calibration is only required just once a season.



# Telematics: manage your machines from the comfort of your office.

The optional, factory fit PLM® Connect Telematics package enables you to connect to your CR Revelation and view over 74 machine parameters from the comfort of your office. The new wireless file transfer feature allows easy and secure data transfer to and from your machines. This means easier access or transfer of data such as guidance lines, boundaries, coverage maps, yield and moisture data. In short, PLM® Connect will help you to reduce your fuel bills and improve fleet management and security in one simple package.



## My New Holland

Manage your PLM applications and your entire farm operation, equipment and support through one centralized location. **MyNewHolland.com** provides the infrastructure to connect your farming operation and share information, while using PLM® Connect Telematics to manage your fleet logistics, utilization and productivity. Key My New Holland features include:

- PLM Connect
- PLM Customer Support
- Product guides and manuals
- Warranty documents
- PLM training materials
- Frequently Asked Questions

## Real time data recording

New Holland offers a variety of precision farming packages which will enable you to tailor your inputs to reduce your costs and increase your yields. This information is recorded in real time by your machine during working, and it is simply and efficiently transferred for analysis by the computer package from the IntelliView™ IV monitor via the optional Connect telematics modem or the complementary 4GB USB stick, which is large enough to record data from over 1500-1750 acres.

# 360°: CR Revelation.

CR Revelation combines are designed to spend more time working and less time in the yard. After all, we all know how precious time in the field is during short harvesting seasons. That's why New Holland has made all service points easy to access. Long service intervals mean CR Revelation combines can spend more time in the field with fewer service stops.



- Self-supporting, fully opening shielding guarantees wide access to all drives and service points.
- New wide-angle LED service lights together with yellow frame improve service visibility.
- To ensure optimal lubrication at all working positions, operators can select the variator lube function at the touch of a button.
- You can clean the entire inside of the combine using the cleanout function. Managed through the IntelliView™ IV monitor, the cleanout feature opens up the sieves, concaves and drum and increases fan speed to maximum.



Easy ground-access to all oil filters and drain points and centralized greasing banks.



Check engine and hydraulic oil at a glance.



The integrated water tank is placed ideally for washing hands after connecting the header.



Access the air filter easily from the engine platform.



An optional portable LED service light offers 360° servicing visibility.



Plastic rotor covers can be removed without tools.



## Dealer-Installed Accessories

Your dealer can supply and fit a comprehensive range of approved accessories.



# Always at the ready, before, during and after the harvest.

## Top Service™ Breakdown Assistance

### Your peace of mind is our top priority

Nothing is more important to New Holland than ensuring your productivity, now and in the future. That's why your CR Revelation combine is backed by New Holland Top Service including Breakdown Assistance. When you engage Top Service during an unscheduled service event, New Holland dealers are able to expedite parts deliveries, provide equivalent loaner units, and provide solutions that are unmatched in the industry in order to keep you working. See your New Holland dealer for more details. Some exclusions or limitations may apply.



### Complete dealer service training

No one is better equipped to support you and your equipment than your New Holland dealer. Their service personnel fully understand technical concepts and the factory repair procedures that are key to product support. New Holland dealer technicians engage in structured certification training conducted online as well as during intensive classroom sessions to ensure they always have the skills needed to keep the latest and most advanced New Holland products running efficiently, and continually improve your peace of mind and satisfaction.



### Harvest Excellence App

This new Harvest Excellence mobile app improves your New Holland combine efficiency and performance based on your conditions. The app suggests ideal settings based on the information you submit for your soil and crop conditions. You can save the suggested configurations, and make your own adjustments and save those. The Harvest Excellence app allows for multiple configurations to be saved for harvesting with different machines or in different conditions. You can access this information on and off line. A troubleshooting tool walks you through some basic steps to resolve issues. This new app is available for iOS and Android, in smartphone and tablet versions.

| MODELS                                                                  |                  | CR6.90      | CR7.90      | CR8.90      | CR8.90<br>Opti-Clean | CR9.90<br>Opti-Clean | CR10.90<br>Opti-Clean |
|-------------------------------------------------------------------------|------------------|-------------|-------------|-------------|----------------------|----------------------|-----------------------|
| Combine Class                                                           |                  | 6           | 7           | 8           | 8                    | 9                    | 10                    |
| <b>Harvest Suite™ Ultra cab glass area</b>                              | ft. <sup>2</sup> | 68          | 68          | 68          | 68                   | 68                   | 68                    |
| Halogen lighting pack                                                   |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| LED lighting pack                                                       |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| LED far 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      |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| IntelliView™ IV monitor with adjustable position                        |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| 2nd IntelliView™ IV monitor                                             |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Viewing cameras                                                         |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Automatic climate control and coolbox                                   |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| Integrated portable fridge under instructor seat                        |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| MP3 Bluetooth radio (hands free phone calls)                            |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Satellite radio with Bluetooth (hands free phone calls)                 |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Heated Floor Mat                                                        |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Optimum cab noise level - ISO 5131                                      | (dB(A))          | 73          | 73          | 73          | 73                   | 73                   | 73                    |
| <b>New Holland Precision Land Management Systems</b>                    |                  |             |             |             |                      |                      |                       |
| IntelliSteer™ ready automatic guidance system                           |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| IntelliCruise™ 2 feed rate control system                               |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| IntelliSense™ Combine automation system (Includes Grain Cam™ Sensor)    |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| PLM® Connect Telematics & File Transfer                                 |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Yield and moisture sensor and Desktop software                          |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| <b>Automatic Header Control Systems</b>                                 |                  |             |             |             |                      |                      |                       |
| Terrain Tracer™ system / Autofloat™ system                              |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| <b>Straw Elevator</b>                                                   |                  |             |             |             |                      |                      |                       |
| Number of chains                                                        |                  | 3           | 3           | 4           | 4                    | 4                    | 4                     |
| Remote Front Face Adjustment Angle                                      |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| ASP system - Advanced Stone Protection™                                 |                  | ●           | ●           | ●           | ●                    | ●                    | —                     |
| Deep Cut DFR system - Dynamic Feed Roll™                                |                  | ○           | ○           | ○           | ○                    | ○                    | ●                     |
| <b>Twin Rotor® Technology</b>                                           |                  |             |             |             |                      |                      |                       |
| S³ rotors                                                               |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| Twin Pitch rotors                                                       |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Twin Pitch Plus rotors                                                  |                  | —           | —           | —           | ○                    | ○                    | ○                     |
| Rotor diameter / length                                                 | in.              | 17 / 104    | 17 / 104    | 22 / 104    | 22 / 104             | 22 / 104             | 22 / 104              |
| Manual adjustable rotor vanes                                           |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Dynamic Flow Control™ Remote adjustable rotor vanes                     |                  | —           | —           | ○           | ○                    | ○                    | ○                     |
| Automatic concave reset                                                 |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| <b>Cleaning</b>                                                         |                  |             |             |             |                      |                      |                       |
| Self-leveling cleaning shoe with Opti-Fan™                              |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| Opti-Clean™ cleaning system                                             |                  | —           | —           | —           | ●                    | ●                    | ●                     |
| Enhanced aggressive shake shoe cleaning system                          |                  | ●           | ●           | ●           | —                    | —                    | —                     |
| Remote Presieve opening                                                 |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| Total sieve area under wind control                                     | in. <sup>2</sup> | 8370        | 8370        | 10,075      | 10,075               | 10,075               | 10,075                |
| <b>Grain tank and Unloading</b>                                         |                  |             |             |             |                      |                      |                       |
| Grain tank manual folding extensions, standard [optional]               | bushels          | 315         | 315 [350]   | 410         | 410                  | 410                  | 410                   |
| Folding covers capacity                                                 | bushels          | 326         | 326         | 410         | 410                  | 410                  | 410                   |
| Unloading speed                                                         | bu/sec.          | 3.7         | 3.7         | 4           | 4                    | 4                    | 4                     |
| Folding unloading tube                                                  |                  | —           | —           | ○           | ○                    | ○                    | ○                     |
| Pivoting unloading tube spout                                           |                  | ○           | ○           | ○           | ○                    | ○                    | ○                     |
| <b>Residue Management</b>                                               |                  |             |             |             |                      |                      |                       |
| Integrated straw chopper                                                |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| Chaff spreader with remote controlled RPM                               |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| PSD (Positive Straw Discharge) belt                                     |                  | ○           | ○           | ○           | ●                    | ●                    | ●                     |
| Remote chop / drop selection                                            |                  | —           | —           | ○           | ○                    | ○                    | ○                     |
| Opti-Spread™ residue management                                         |                  | —           | —           | ○           | ○                    | ○                    | ○                     |
| <b>Engine* Compliant with Tier 4 Emissions Regulations</b>              |                  |             |             |             |                      |                      |                       |
| ECObLue™ Hi-eSCR system (Selective Catalytic Reduction)                 |                  | ●           | ●           | ●           | ●                    | ●                    | ●                     |
| Injection system                                                        |                  | Common Rail | Common Rail | Common Rail | Common Rail          | Common Rail          | Common Rail           |
| Gross engine power @ 2100 rpm                                           | (CV) HP          | 374         | 420         | 496         | 496                  | 544                  | 639                   |
| Maximum engine power @ 2000 rpm                                         | (CV) HP          | 415         | 460         | 571         | 544                  | 600                  | 700                   |

CR10.90 - Extra power is available when unloading and chopping. In swath mode or low chopper speed (corn), the engine is derated to a rated 598 hp / max 653 hp.



| MODELS                                |                                      | CR6.90        | CR7.90        | CR8.90        | CR8.90<br>Opti-Clean | CR9.90<br>Opti-Clean | CR10.90<br>Opti-Clean |
|---------------------------------------|--------------------------------------|---------------|---------------|---------------|----------------------|----------------------|-----------------------|
| <b>Fuel Tank</b>                      |                                      |               |               |               |                      |                      |                       |
| Diesel capacity / DEF capacity        | gal.                                 | 200 / 42      | 265 / 42      | 340 / 42      | 340 / 42             | 340 / 42             | 340 / 42              |
| <b>Transmission</b>                   |                                      |               |               |               |                      |                      |                       |
| 2-Speed (Field & Road) gearbox        |                                      | ●             | ●             | ●             | ●                    | ●                    | ●                     |
| Differential lock                     |                                      | ○             | ○             | ○             | ●                    | ●                    | ●                     |
| Road transport speed                  | 19 mph / 25 mph<br>[30 kph / 40 kph] | ● / ○         | ● / ○         | ● / ○         | ● / ○                | ● / ○                | ● / ○                 |
| Factory installed SmartTrax™ system   |                                      | —             | —             | ○             | ○                    | ○                    | ○                     |
| <b>Dimensions and Weight</b>          |                                      |               |               |               |                      |                      |                       |
| Weight - Standard version less header | lbs.                                 | 38,779        | 40,600        | 42,236        | 42,236               | 44,240               | 45,898                |
| Dimensions with traction wheels**     |                                      | 900 / 75 R32  | 900 / 75 R32  | 900 / 75 R32  | 900 / 75 R32         | 900 / 75 R32         | 900 / 75 R32          |
| Wheelbase                             | ft. in. [m]                          | 12' 4" [3.76] | 12' 4" [3.76] | 12' 4" [3.76] | 12' 4" [3.76]        | 12' 4" [3.76]        | 12' 4" [3.76]         |
| Maximum height - transport            | ft. in. [m]                          | 13' [3.96]    | 13' [3.96]    | 13' [3.96]    | 13' [3.96]           | 13' [3.96]           | 13' [3.96]            |
| Maximum width                         | ft. in. [m]                          | 13' [3.96]    | 13' [3.96]    | 13' [3.96]    | 13' [3.96]           | 13' [3.96]           | 13' [3.96]            |
| Maximum width - transport             | ft. in. [m]                          | 10' 10" [3.3] | 10' 10" [3.3] | 10' 10" [3.3] | 10' 10" [3.3]        | 10' 10" [3.3]        | 10' 10" [3.3]         |

● Standard   ○ Optional   — Not available   \*Developed by FPT Industrial   \*\*Traction wheels other than those mentioned are also available





# VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

**Support at every step.** When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

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For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



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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.

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