

## New Holland Enhances CR Revelation Combines and Takes Productivity to a New Level

- *IntelliSense™ automation system maximizes productivity, minimizes losses and grain damage*
- *IntelliCruise™ II automatic crop feeding system improvements deliver better response and system stability*
- *New Tier 4B Cursor engines for CR8.90 and CR9.90 Opti-Clean*
- *New Ground Drive with two-speed gearbox delivers more traction and faster reaction*

**New Holland, PA (August 22, 2018)** – New CR Revelation Series combines, which include models ranging from 374 hp to 700 hp, take customer productivity and harvesting efficiencies to a new level with the award-winning IntelliSense™ Automation system. This system introduces a host of additional improvements that further reinforces the supremacy of the world's highest-capacity combine. IntelliSense technology will be on display at Farm Progress Show, Aug. 28-30, 2018, in Boone, Iowa, at the New Holland Booth #1048.

"CR Revelation combines are significantly improving efficiency and harvest productivity with these exciting new features," said Luiz Miotto, Combine Product Marketing Manager. "With these easy-to-setup components, our automation system enables the combine to react faster and more uniformly, while making pre-empted adjustments. By supporting the driver on the decision-making task, the combine will optimize output and grain quality and effectively minimize harvesting costs through reduced losses."

### **IntelliSense automation system maximizes throughput, minimizes losses and grain damage**

CR Revelation combines feature New Holland's IntelliSense proactive and automatic combine setting system, which addresses an operator's biggest challenge of maintaining maximum throughput while keeping losses and damaged grain to a minimum. With an industry-first cleaning shoe pressure sensor and winner of the Silver Medal at the Agritechnica Innovation Award 2017, this exciting new feature delivers important advantages to customers' productivity, such as increased daily output, reduced grain loss and improved grain quality. Also, IntelliSense introduces crucial benefits for the operator, from having fewer decisions to make, better comfort and driver confidence, to less fatigue and a simpler user interface. Furthermore, an operator can choose from four time-saving strategies: Limited Loss, Best Grain Quality, Maximum Capacity, or Fixed Throughput.

Additional features, such as the patented cleaning shoe sensors and patented automatic rotor vane adjustment, further reinforce the increased productivity benefits operators will experience. Patented



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cleaning shoe sensors provide very precise measurements of the load, and based on the data it gathers, the combine will proactively adapt threshing settings, fan speed and the opening of pre-sieve, upper and lower sieve, automatically delivering the desired result. A patented automatic rotor vane adjustment improves the rotor's power efficiency without impacting the threshing and separation settings, resulting in greater fuel savings and performance.

Customer clinics conducted in 2017 generated extremely positive feedback. Participating customers found the system to be intuitive and easy to use, said it gave them great confidence, and indicated it would be a big help for new or less-experienced drivers. They also remarked that it delivered a true increase in performance and grain quality. By constantly adjusting the combine settings during the day, the system can increase the productivity of an experienced driver by 10 percent and a novice driver up to 20 percent.



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### **IntelliCruise™ II automatic crop feeding system improvements deliver better response and system stability**

IntelliCruise, the CR Revelation's crop feeding system that automatically matches forward speed to crop load, now features automated ground speed functions and offers a choice of three harvesting strategies; maximum capacity, fixed throughput and limited loss. The maximum capacity strategy, a new component, increases the combine's ground speed to reach maximum engine load or maximum ground speed. Fixed throughput strategy varies ground speed to maintain a pre-set mass flow, so that productivity remains constant in varying yields. Limited loss strategy varies ground speed to maintain a set mass flow, but if deficiencies exceed 50 percent of trumpet, throughput is reduced to limit losses.

Additionally, three settings are available to adjust the boundaries of the IntelliCruise system with maximum engine load, maximum ground speed and feed rate sensitivity, which enables the operator to define the responsiveness of the system.

### **Industry leading technology**

These new features, along with the complete **Precision Land Management (PLM™)** make the New Holland CR Revelation Combine one of the most advanced and efficient combines available. Adding in new PLM features, like the CNH Industrial exclusive AB line sharing through the Field View Drive, make it faster and easier than ever to run multiple combines in the same field using the same guidance lines. While at the same time being able to share all the harvest and machine data seamlessly with the home office or dealer and third party of the customer

choosing. New Holland's telematics **PLM Connect™** offering is available in both factory fit and as well as a dealer installed option.

#### **New Tier 4B Cursor engines for CR8.90 and CR9.90 Opti-Clean**

The CR8.90 benefits from a 27 hp increase in maximum power to 517 hp (380 kW) featuring the Common Rail Tier 4B Cursor 11 engine. Fuel tank content increases from 260 to 340 gallons, improving the daily productivity and work range. CR9.90 is equipped with the new Common Rail Tier 4B Cursor 13 engine. These changes are applicable for combines produced in Zedelgem, Belgium, with the Opti-Clean system.

#### **New Ground Drive with two-speed gearbox delivers more traction and faster reaction**

Also new to model year 2019 CR Revelation Series combines is a ground drive with a two-speed gearbox, integrated wet brakes, a bigger hydrostatic pump, and electrohydraulic differential lock operation. This gearbox offers two speed ranges – one for field work, from 0 to 10.6 mph, and another for road travel from zero to the maximum speed, which is set at the factory according to each customer selection. Maximum speed is reached at reduced rpm, resulting in lower fuel consumption.

The new two-speed ground drive delivers more tractive effort, improved gradeability and faster reaction due to a larger hydrostatic drive. With this increased capability, there is no need to stop to shift gears, whether in field operation or road travel, which further increases the combine's efficiency.

Machine safety enhancements are provided in the wet brakes and servo valve which improve braking control features, and include the new double-acting park brake. The wet brakes also ensure that braking performance is maintained for the entire life cycle with no brake pad replacement or calliper maintenance. They are integrated and fully sealed off from dust and dirt, eliminating the risk of contamination, resulting in lower operating costs.

Finally, a new remotely controlled electrohydraulic differential lock is available as an option. Effortlessly operated by a foot switch in the cab, it remains engaged under hydraulic pressure, and bevelled teeth on the lock jaw coupler ensure it is actively disengaged when the diff-lock is switched off in the cab.



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Model	CR8.90 Revelation	CR9.90 Revelation	CR10.90 Revelation	CR6.90 Revelation	CR7.90 Revelation	CR8.90 Revelation	CR9.90 Revelation
Cleaning System	Opti-Clean			Aggressive Shake			
Configuration	Small Grain			Corn/Bean	Small Grain & Corn/Bean		
Rotors	Twin Rotor 22"			Twin Rotor 17"		Twin Rotor 22"	
Engines	Cursor 11 Tier 4B	Cursor 13 Tier 4B	Cursor 16 Tier 4B	Cursor 9 Tier 4B	Cursor 9 Tier 4B	Cursor 11 Tier 4B	Cursor 13 Tier 4B
Rated/Max HP	469/517	530/571	639/700	360/401	408/449	469/517	530/571
GrainTank (bu) Extensions or Covers	410			315 326	315 / 350 326	410	

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