

CX8 SERIES COMBINES

CX8.80 | CX8.90



CX8 SERIES SUPER CONVENTIONAL COMBINES. UNEQUALLED HARVESTING PERFORMANCE.

The New Holland CX line has defined super conventional combine harvesting since its launch in 2001, and over 15,000 machines are testament to its enduring success. The new CX8 Series delivers super-sized productivity and has further elevated already impressive capacity. Prepare yourself for a ground-breaking industry first: Opti-Speed™ auto-adaptive variable speed strawwalkers for tailored separation excellence. Together with acclaimed features such as the Harvest Suite™ Ultra cab, four-drum threshing and separation technology, Opti-Fan™, Opti-Clean™ and Opti-Spread™ technology, your harvest is in safe hands. Super grain quality. Super straw quality.

OUTSTANDING CAPACITY

The new CX8 Series fully lives up to its title as the world's most powerful conventional combine, with up to 490 horsepower on tap. The massive 29.5-inch-diameter threshing drum with its large 1,829 square inch concave provides unsurpassed threshing capacity and the enlarged grain tank, up to 355 bushels, enhances autonomy and harvesting flexibility. Opti-Speed™ strawwalkers are unique in the industry, tailor separation to the individual crop, and offer up to 10% more capacity. Super capacity. Super-sized productivity.

SUPERIOR HARVEST QUALITY

If you want to make every grain and every stalk of straw count, then you have found your mechanical soul mate. The gentle threshing action from New Holland's four-drum threshing system gently, yet thoroughly, threshes each and every ear, while treating straw with kid gloves. The powerful combination of self-leveling, Opti-Clean™ and Opti-Fan™ technology delivers squeaky-clean grain, and has enhanced cleaning efficiency by up to 20%. Super quality. Super-sized consistency.

LOWER OPERATING COSTS

Fitted to the CX8.90, ECOBlue™ SCR technology for Tier 4A compliance will significantly reduce your operating costs by lowering your fuel consumption by up to 10%. The CX8.80 model benefits from industry-leading ECOBlue™ HI-eSCR technology to comply with the more stringent Tier 4B emission regulations and it maintains the efficiency you've come to expect of a CX combine. When combined with long, 600-hour service intervals, more money stays in your pocket. Always.

ABSOLUTE DRIVING PLEASURE

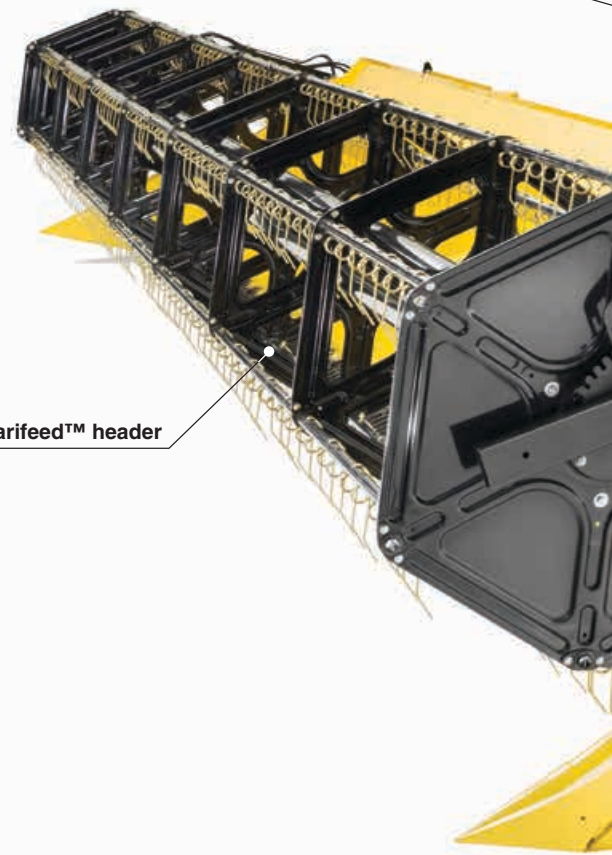
The all-new Harvest Suite™ Ultra cab has been designed to deliver ultimate harvesting comfort and ergonomics. The larger, 130.5 ft³ cab with 68 ft² of glass, almost 7% more than previous models, means more space, better visibility and more comfort for more precise harvesting. At 73 decibels, it is still the quietest cab on the market. Every operator can position the 10.4-inch ultra-wide IntelliView™ IV color touchscreen monitor on an ideal viewing arc for them. If you're a night time harvester, the new LED lighting package enables true, 24-hour productivity.

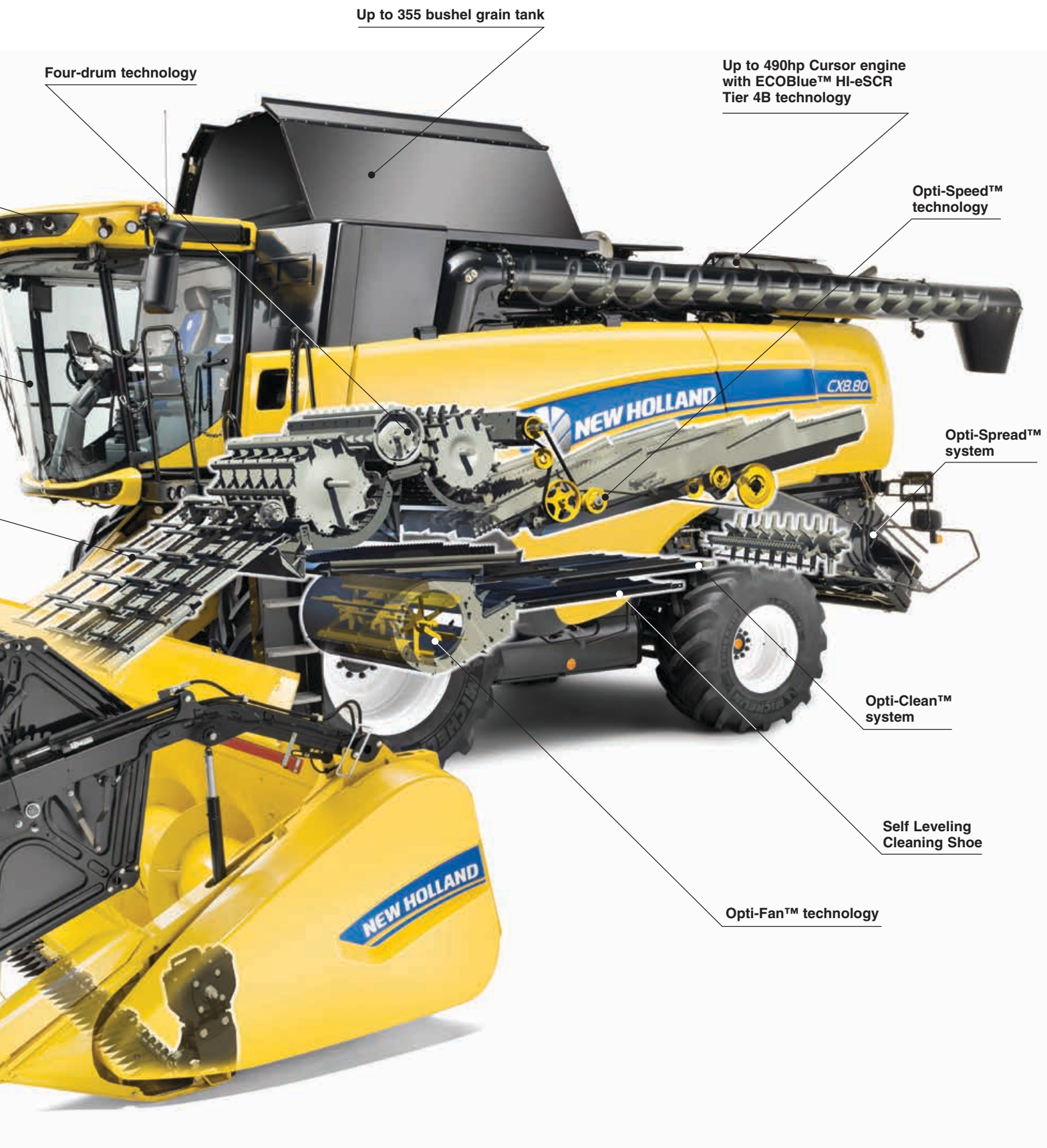
**Comprehensive lighting package
with up to 27 LED work lights**

Harvest Suite™ Ultra cab

Heavy-duty feeder

Varifeed™ header





Up to 355 bushel grain tank

Four-drum technology

Up to 490hp Cursor engine
with ECOBlue™ HI-eSCR
Tier 4B technology

Opti-Speed™
technology

Opti-Spread™
system

Opti-Clean™
system

Self Leveling
Cleaning Shoe

Opti-Fan™ technology

A HISTORY OF THE MODERN COMBINE BY NEW HOLLAND

FROM THE CENTER OF HARVESTING EXCELLENCE

The flagship new CX8 models are built in Zedelgem, Belgium--home to New Holland's Center of Global Harvesting Excellence. It was here, over 100 years ago, that Leon Claeys built his very first threshing machine that revolutionized the way farmers harvested. Zedelgem is synonymous with harvesting firsts. In 1952 it produced the first European self-propelled combine and in 1965 the first New Holland combines were imported into North America. Today, yellow-blooded engineers are committed to developing the next generation of harvesting products. The sophisticated product development process and the extensive knowledge of the dedicated workforce of this world-class manufacturing facility ensure the new CX8 Series continues to set the benchmark in harvesting.

1952



1965



1966



1967



1991



2016 THE HISTORY OF SUCCESS CONTINUES!



1952: The first self-propelled conventional combine rolled off the Zedelgem production line. The face of harvesting changed forever.

1965: The first New Holland combine offered for sale in North America was the Model 990. It was assembled in a brand new plant in Grand Island, Nebraska (now producing CR Series combines). Combine shells were shipped from Zedelgem and completed in Grand Island. The first model was completed off the production line on November 22nd 1965, just 5 months after ground was broken for the plant.

1966: The 975, 980 and 985 models were built, with power going up to 112 hp and up to 110-bu grain tank with extensions.

1967: The 995 model was the last combine painted red to match haytools and closed the era of the "Big Red Wheat Eaters."

1973: Another harvesting revolution occurred: the advent of the rotary separator on the 1500 line. Forty years later, this technology is still used in flagship conventional combines today.

1974: Introduction of the 1400 line, 107 hp, 110-bu grain tank, 39-inch-wide cleaning shoe.

1991: The TX36 model, arriving in North America completely built up from the Zedelgem plant, was designed for professional harvesting operations. Outstanding visibility was coupled with improved harvesting autonomy and intuitive monitors for outstanding harvesting performance.

1993: The TX66 and TX68 developed up to 300 hp and could be equipped with a mighty 30-foot header with Terrain Tracer technology.

2001: The sleek lines of the CX800 Series were first unveiled. The benchmark Harvest Suite™ cab was an immediate hit thanks to outstanding visibility and ergonomic excellence and this range was the first to offer PLM compatibility.

2007: The CX8000 Series range made fingertip harvesting possible with the introduction of the IntelliView™ II monitor alongside Tier 3 engines.

2010: The introduction of ECOBlue™ SCR technology delivered a mighty 10% reduction in fuel consumption.

2013: Opti-Speed™ auto adaptive variable speed strawwalkers are introduced on the CX8000 Elevation line. Tailored separation performance further enhances harvesting quality and productivity.

2015: The new CX8 Series celebrates 15 years of super conventional harvesting excellence with the introduction of the benchmark Harvest Suite™ Ultra cab.



LEADING FROM THE FRONT

New Holland knows that the harvesting process starts with the crop. How it enters the machine will determine the quality of the harvest, therefore, a vast offering of grain headers to suit every type of crop and farm have been developed and built in-house to suit your needs. Headers are available in widths ranging from 20 to 41 feet and in a wide range of configurations that can be tailored to match your requirements.



760CG VARIFEED™ GRAIN HEADS: ADAPT TO ALL TYPES OF CROP

For optimum harvest quality and a uniform cut in different crop heights, including tall, bushy, direct-cut canola, the Varifeed™ head is your perfect partner. You can adjust knife position a full 23 inches fore and aft for ideal feeding—without leaving the cab. The 26-inch-diameter auger with deep flights provides fast, smooth feeding even in the heaviest crops. Full-width retracting fingers between each auger flight move crop down and under the auger. You can also adjust the reel electro-hydraulically in all directions from the cab for smooth, continuous feeding. These heads are available in 30-, 35- and 41-foot widths. The 41-foot Varifeed™ header is the ultimate choice for large fields with controlled traffic. The split auger manages large volumes of crop with ease, and dual-knife drives located at either end of the header maintain powerful cutting across the full cutterbar width and also deliver perfect weight distribution for uniform stubble height.

740CF DIRECT-CUT SUPERFLEX CUTTERBAR AUGER HEADS: FLEXIBILITY FOR PRECISE HARVESTING EFFICIENCY

If you harvest in undulating terrain, the 740CF Direct-Cut SuperFlex auger head is the natural choice. The SuperFlex knife bed flexes a full 4.5 inches to ensure a close cut and uniform stubble height in uneven fields, and the full-floating auger with deep flights provides fast, smooth feeding in the heaviest crops. When combined with 1,150 cuts per minute and the cab-based, hydraulic, fore-and-aft reel adjustment, precise feeding and processing are a given. You can even maintain a pre-set ratio between reel speed and ground speed, so that when ground speed changes, feeding remains consistent.



720CG HIGH-CAPACITY GRAIN HEADERS

In conventional farming situations, the traditional high-capacity grain headers are perfect. They feature heavy-duty construction with a hydraulic reel drive, perfect for the heaviest crops. The large 24-inch-diameter auger and 1,150 cuts per minute improve capacity, forward speed and intake volumes.



TERRAIN TRACER™

While harvesting on uneven ground, the Terrain Tracer™ system ensures you capture every grain of crop. The system automatically raises the head vertically and tilts the head laterally to follow the contours of your fields using one of three available modes:

- **Compensation Mode** is ideal for low-growing crops like peas and beans. This mode maintains a pre-established contact pressure
- **Stubble Height Mode** maintains a pre-set stubble height using sensors on the underside of the header
- **AutoFloat™ Mode** uses a combination of sensors to maintain a uniform stubble height, plus prevents bulldozing

FULLY INTEGRATED SIDE KNIVES

Optional 18-tooth vertical side knives are ideal to direct cut canola or other bushy crops. They slice through matted crops and are controlled through the IntelliView™ IV color touchscreen monitor. When not required, they can be stored on the header itself



Grain headers		CX8.80	CX8.90
760CG Varifeed™ rigid cutterbar cutting width	(ft)	30 - 35	30 - 41
740CF direct-cut SuperFlex cutterbar cutting width	(ft)	20 - 35	25 - 35
720CG High-Capacity rigid cutterbar cutting width	(ft)	24 - 30	24 - 30

HIGH-CAPACITY, SMOOTH-FEEDING HEADS

New Holland's broad line of combine heads continues with a choice of smooth-performing draper heads and windrow pickups. New Holland is dedicated to providing you with alternatives that maximize the capacity of your CX8 Series combine and bring your harvest home quickly and efficiently.





880CF SUPERFLEX CUTTERBAR DRAPER HEADS: ULTRA-CLOSE CUTTING AND MINIMUM LOSSES

New Holland draper heads are designed with industry-leading features. The award-winning New Holland SynchroKnife™ drive is a patented center knife-drive system that revolutionizes the way a combine header cutterbar is driven. It eliminates header vibrations, and reduces overall header loss, putting more crop in the grain tank. 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 drive also eliminates complex drivelines, reducing maintenance needs and saving power. Having the drive in the center of the head reduces the end shield width to minimize rundown of standing un-cut crop. The 880CF SuperFlex draper header provides ground-hugging flotation so you can harvest every bit of your valuable crop.

Draper headers		CX8.80	CX8.90
880CF SuperFlex cutterbar draper cutting width	(ft)	30 - 40	30 - 40
840CD rigid cutterbar draper cutting width	(ft)	25 - 40	30 - 40

840CD RIGID DRAPER HEADS: ULTIMATE HARVESTING CAPACITY

The 840CD rigid draper head delivers outstanding performance in small grains and speciality 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.



Pick-up headers		CX8.80	CX8.90
790CP windrow pickup feeding width	(ft)	12 - 15	12 - 15

790CP WINDROW PICKUP HEADS: A CLEAN FIELD IS A NEW HOLLAND FIELD

Ideal for small grain and specialty crops, such as canola and grass seed, the 790CP features standard front and rear 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 FOR CORN

New Holland's corn head line-up is engineered to perfectly match CX8 Series combines. After enduring extensive field testing, the 980 Series corn heads – both rigid and folding versions – are proven to deliver improved harvesting productivity and reliability. Like combine. Like corn head.

MODERN CORN HEADERS FOR MODERN CORN FARMING

New Holland's 980 Series corn heads have been redesigned to deliver superior gathering and feeding performance, so operators can work at increased ground speed and finish faster.

Dividers and islands on these corn heads are designed for optimal performance. The dividers guide corn stalks into the stalk rolls. The islands ensure that cobs fall into the auger and not onto the ground. The low-profile design of the dividers and islands reduces the chance of knocking down corn in terraces and during tight turns. It also exposes the front gathering chain sprocket, dramatically improving performance when picking downed corn. The end dividers not only improve accessibility and maintenance, they are also designed to minimize header losses in all crop conditions.

Dividers are made with roto-molded material for rugged durability. This material withstands harsh treatment and bounces back to its original shape. The plastic has grooves that direct loose corn kernels to the combine feeder. Replaceable wear strips are included in the high-wear areas of the dividers and islands.

A single, heavy-duty row unit (used on both chopping and non-chopping configurations) substantially improves the durability of the header, while the increased reliability of driveline components leads to less downtime and higher operating efficiency.

STALK STOMPER TIRE PROTECTION

An optional Stalk Stomper kit is now available for fixed or folding corn headers to reduce tire wear when harvesting corn. Mounted on the header frame, the Stalk Stompers flatten the stubble in front of the wheels, greatly reducing the likelihood of punctures or uneven tire wear.



FOLDING OR RIGID: THE CHOICE IS YOURS

980CR rigid heads are available in 6-, 8- and 12-row configurations so you can choose just the right size for your fields and customers. The folding frame of the 8- and 12-row 980CF models allows you to fold the head, drive to the next field, unfold the head, all from the comfort of the cab, then continue the harvest. Folded width of the 12-row model is only 16.2 feet.



EFFICIENT STALK CHOPPING

For fine chopping and superb spreading of mulched material, all 980 Series corn heads can be ordered with an optional heavy-duty stalk chopper. The stalk chopper chops the stalks as they are fed through the stalk rolls, and cuts any long stalks left in the rows. The knives are double edged for an increased working life. Each stalk chopper can be individually shut off to save power and increase part life when not in use. Customers agree: New Holland truly offers a best-in-class solution.



Corn header	CX8.80	CX8.90
980CR corn head, 30" row spacing rows	6, 8, 12	8, 12
36" row spacing rows	8	8
38" row spacing rows	8	8
980CF folding corn head, 30" row spacing rows	8, 12	8, 12



DEPENDABLE OPERATION

Regardless of size, New Holland corn heads are designed for top harvesting performance in all crop conditions. The stalk rolls feature four knives that aggressively pull down stalks of any size. Operators can adjust deck plates electronically from the cab to adapt to changing stalk and cob size. Optional rotary dividers further enhance the already smooth crop intake in lodged or downed corn.



CORNROWER™ FOR EFFICIENT BALING OF STOVER

The New Holland Cornrower fits perfectly behind 8- and 12-row 980CR Series chopping corn head models, to ensure that one uniform and dense windrow of corn stover is produced to assist with efficient baling. You pick, chop and windrow in one swift operation, reducing the number of passes through the field to save time and fuel and reduce field compaction – all without affecting combine performance. The minimal maintenance Cornrower attachment provides precise control of the amount of residue left in the field while increasing baler intake capacity and keeping dirt out of the bale. It's perfect for second-generation bioethanol producers. Attachment is easy with no need for modification of the head.

ENHANCED FEEDING FOR MORE EFFICIENT HARVESTING



HIGH CAPACITY FEEDER

The new CX8 feeding system has been significantly upgraded to enhance its already highly efficient operation. The feeder features two lateral float cylinders as standard to handle the widest heads, and four chains with connecting slats for high-capacity, continuous crop flow. The feeder is exactly the same width as the main threshing drum for continuous even flow, which prevents bunching for improved productivity and more efficient throughput. In addition, the drives, construction and front face of the cradle are reinforced to efficiently process the largest volumes of harvested crop from the 41-foot Varifeed header.



NON-STOP STONE PROTECTION

The effective stone protection system simply knocks the stones into a dedicated trap before they reach the threshing drum. This on-the go system means zero slowdown during intensive harvesting days. This system protects the combine and ensures crop purity. The trap can be easily emptied using an easy to reach lever at the end of each harvesting day.



UNBLOCKING IN A MATTER OF SECONDS

You can instantly clear header blockages using the hydraulic reversing system to “rock” the entire header and feeder backwards and forwards. In a matter of seconds, you effectively unblock the machine for minimum downtime and maximum harvesting uptime.



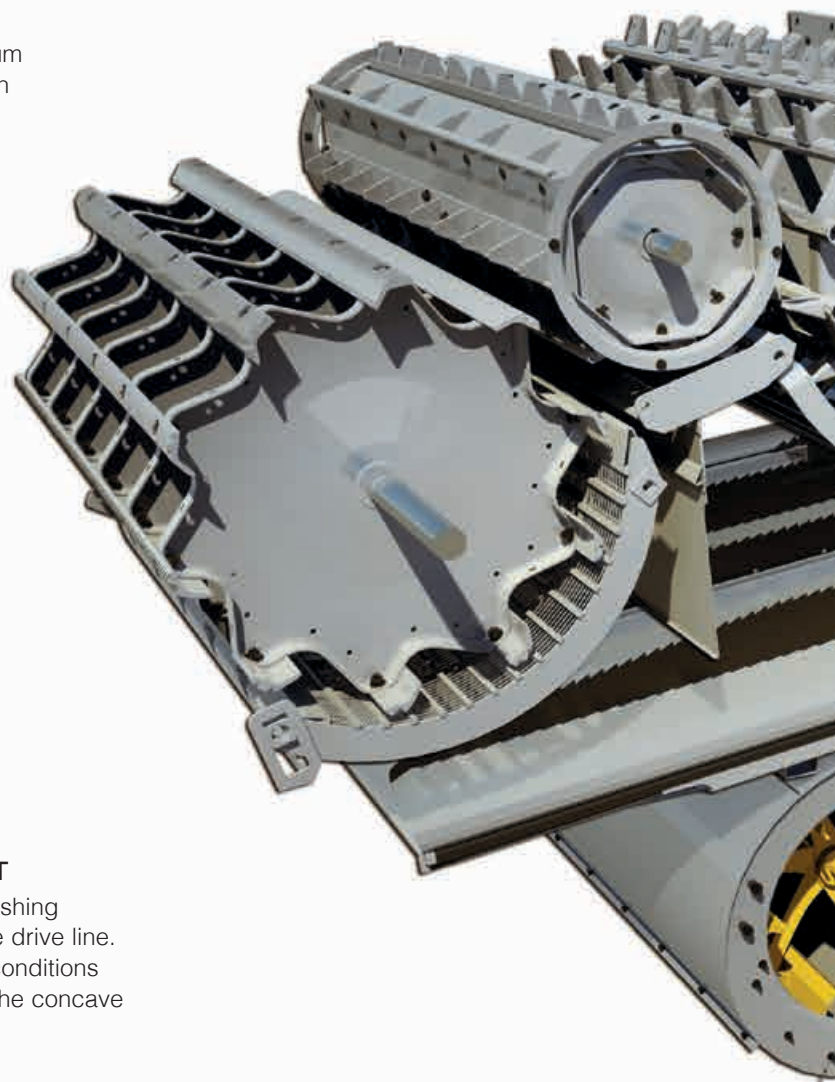
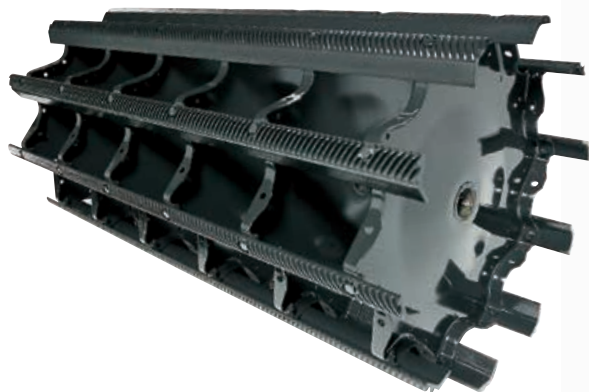
INTELLICRUISE FOR INCREASED PRODUCTIVITY

The IntelliCruise™ Automatic Crop Feeding system automatically matches the forward speed to crop load. A sensor on the feeder driveline continually monitors the demand placed on the header. In areas of lighter crop, forward speed automatically increases to guarantee the combine works at full capacity through areas of differing yield.

BEST-IN-CLASS THRESHING PERFORMANCE

INDUSTRY-LEADING THRESHING

Threshing is king when it comes to making every grain count. Thanks to CX8 four-drum technology, gentle, yet efficient threshing is guaranteed. The largest threshing drum on the market with a diameter of 29.5 inches threshes even the toughest ears at an unbeatable rate. The 111° wrap angle enhances separation and also delivers acres of concave area; 1,829 square inches on both models. Tough on threshing. Gentle on the crop. Your passport to unsurpassed productivity.



THE LARGEST THRESHING DRUM ON THE MARKET

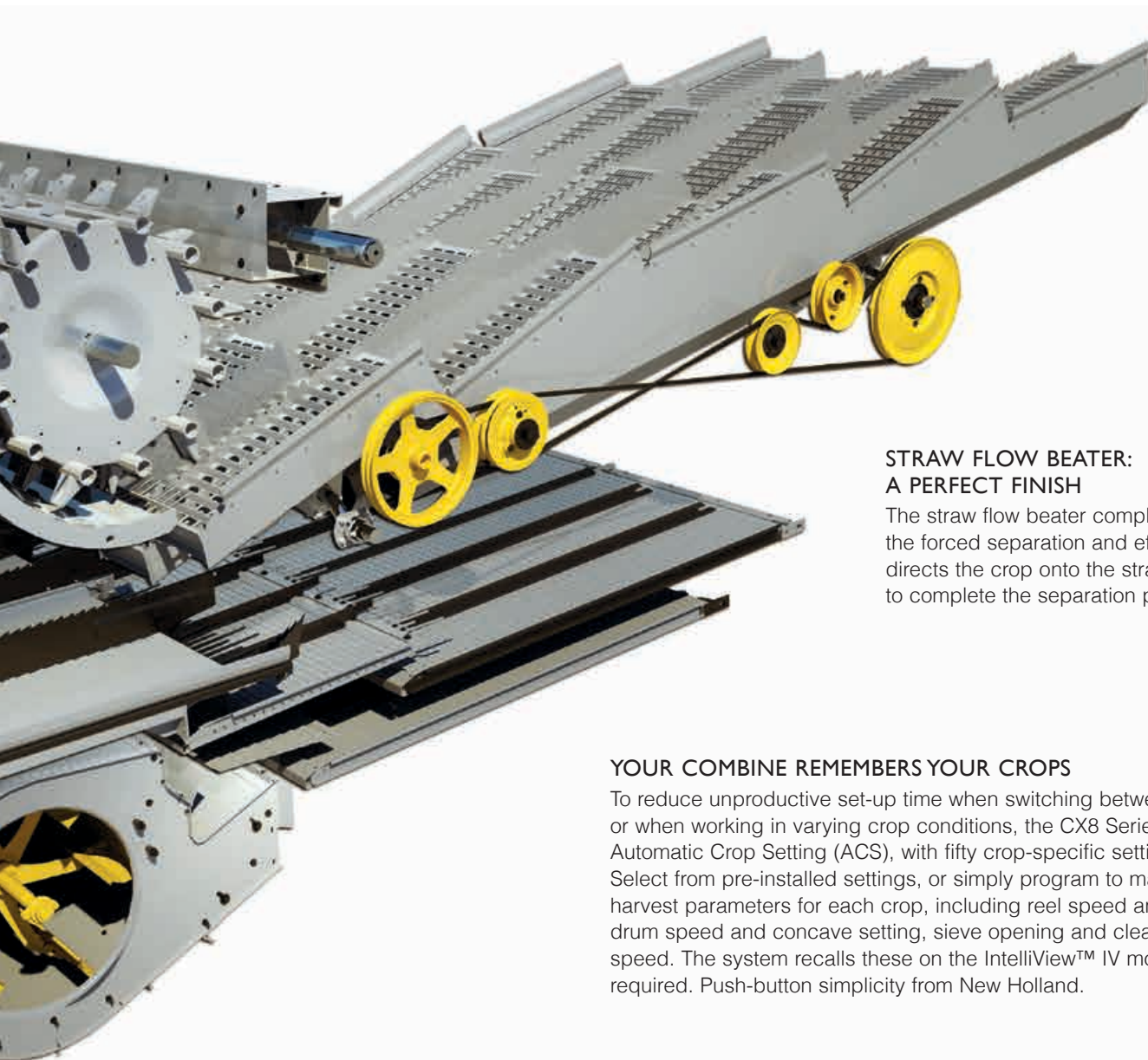
The mighty 29.5-inch main drum can maintain optimal threshing action at low speed to reduce vibrations and to protect the drive line. The high inertia drum is perfect when operating in damp conditions or in uneven crops. The integrated rasp bars rub against the concave to further enhance separation.

MAINTAINING THROUGHPUT WITH THE CROP FLOW BEATER

The beater's serrated teeth prevent mats from forming in the crop to improve crop flow in all conditions, especially when harvesting marginal crops at high moisture levels. The beater swiftly moves the crop into the rotary separator.

ROTARY SEPARATOR: PRECISION THRESHING PERFORMANCE

New Holland invented the rotary separator to offer farmers tailored threshing performance. The Multi-Thresh™ system enables operators to regulate the distance between the rotary separator and the concave. The shorter the distance, the more vigorous the rubbing for more aggressive separation. For long unbroken straw, increase the distance. The integrated paddles force more grain through the concaves and deliver numerous direction changes to ensure every last valuable grain makes it into the tank.

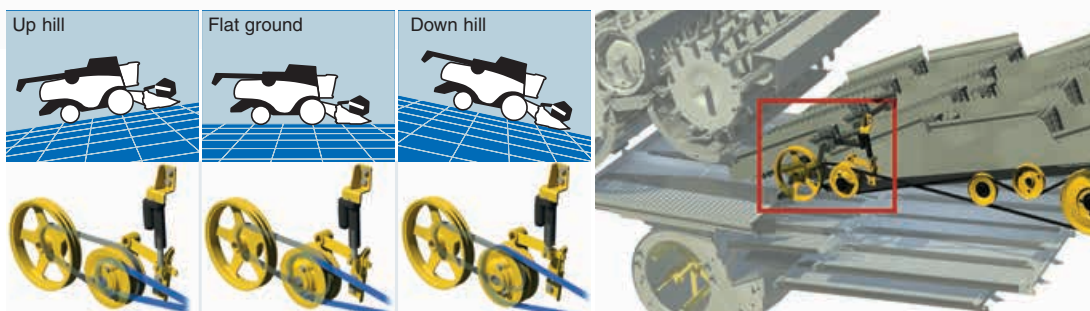


STRAW FLOW BEATER: A PERFECT FINISH

The straw flow beater completes the forced separation and efficiently directs the crop onto the strawwalkers to complete the separation process.

YOUR COMBINE REMEMBERS YOUR CROPS

To reduce unproductive set-up time when switching between crops or when working in varying crop conditions, the CX8 Series features Automatic Crop Setting (ACS), with fifty crop-specific settings. Select from pre-installed settings, or simply program to match the harvest parameters for each crop, including reel speed and position, drum speed and concave setting, sieve opening and cleaning fan speed. The system recalls these on the IntelliView™ IV monitor when required. Push-button simplicity from New Holland.



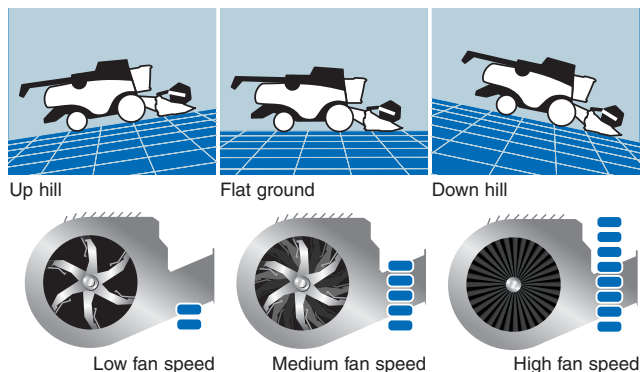
OPTI-SPEED™ VARIABLE SPEED STRAWWALKERS: A NEW HOLLAND EXCLUSIVE

Opti-Speed™ auto adaptive variable-speed strawwalkers represent a ground-breaking harvesting advance and deliver up to a 10% productivity improvement. For the very first time, operators can regulate strawwalker speed in respect to harvesting conditions. Simply select from four settings: wheat, corn, canola or rice, and your new CX8 combine automatically regulates strawwalker speed in relation to the crop selected and current field conditions. When travelling uphill, strawwalker speed decreases to keep every valuable grain inside the machine, and on downward gradients, the speed increases to prevent clogging and inefficient separation. The system continually communicates with the Opti-Fan™ and Opti-Clean™ systems to fine tune the strawwalker speed from 170-240 rpm to ensure 360° harvesting efficiency.

OUTSTANDING CLEANING PERFORMANCE

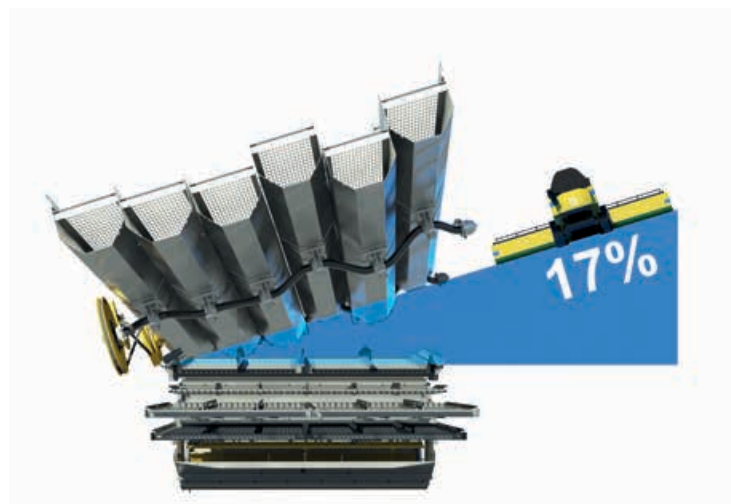
Every farmer knows that clean grain is profitable grain. That's why the new CX8 Series delivers the cleanest grain sample in its class. New Holland's exclusive technology, such as the Opti-Speed™, Opti-Clean™ and Opti-Fan™ systems ensure that every grain is a clean grain. Super cleaning performance. The new CX8 Series has got it covered.





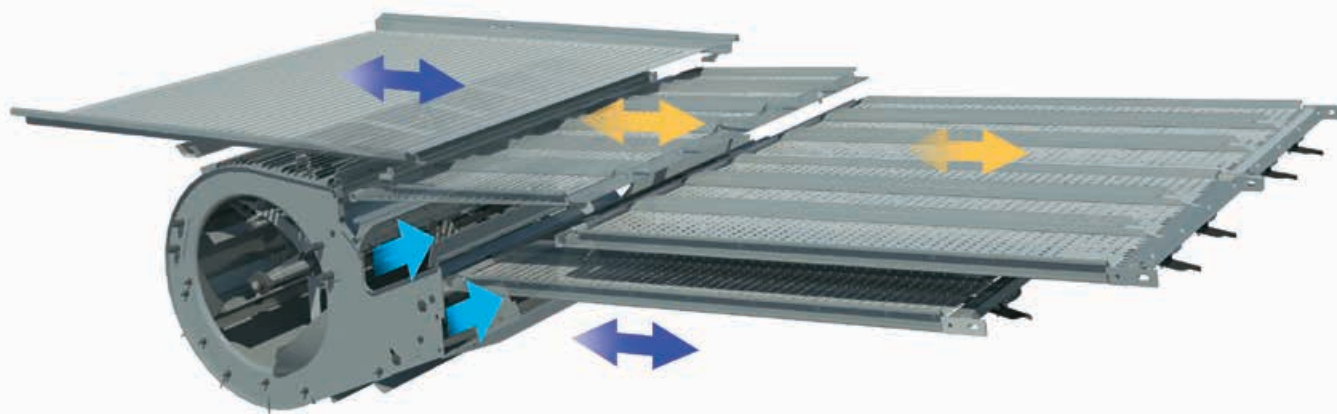
GRAVITY-DEFYING OPTI-FAN™ TECHNOLOGY

The Opti-Fan™ system compensates for the gravitational effects on crop material during harvesting. Select the desired fan speed on flat ground and the system automatically adjusts it when going up or downhill to maintain cleaning performance. When travelling on upward slopes, the fan slows down to prevent sieve losses, and when tackling downhill gradients, fan speed increases to maintain capacity and prevent thick material build up on the sieves that can adversely affect the grain sample. This efficient system requires no extra work from the operator and provides a better grain sample together with reduced losses.



OUTSTANDING CLEANING PERFORMANCE

The self-leveling cleaning shoe automatically adjusts the cleaning shoe angle by up to 17% to neutralize the effects of side slopes, and also prevents grain banking during headland turns to assist in uniform crop distribution and unsurpassed cleaning performance. An electrical actuator commanded by a leveling sensor, keeps the complete cleaning shoe horizontal, including the long grain pan, the pre-sieve, the top and bottom sieves and the fan. The grain is kept in an even layer while a consistent air flow through the sieves maintains maximum cleaning efficiency. This allows operation at the optimum speed on any slope, without the need to sacrifice speed or quality.



THE CLEANEST GRAIN FOR THE HIGHEST REWARDS

The Opti-Clean™ system optimizes the stroke and throwing angles in the cleaning system to improve cleaning capacity by up to 20%. The grain pan, pre and top sieves operate independently to optimize the cascade for greater capacity, and 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.

EASY GRAIN PAN REMOVAL

Maintaining the aggressiveness of the grain pan steps in difficult crops such as canola or corn may require regular cleaning. That's why you can conveniently remove the grain pan from the front of the machine.

PRECISION AIRFLOW

The unique CX8 Series paddle fan design generates the largest volume of air at a constant pressure—far superior to competitive models. In addition, the fan has two dedicated openings to direct a powerful stream of air to both the pre and top sieves for guaranteed cleaning performance.

HIGH-VOLUME GRAIN MANAGEMENT

HIGH-CAPACITY GRAIN TANK

The CX8.80 and CX8.90 grain tanks hold 326 and 355 bushels respectively (350 with manual extensions). This means you can go even longer between unloading, saving you money on grain handling, and it also means operators spend more time doing what they do best: harvesting. Operators conveniently activate the optional electronically folding grain tank covers from the comfort of the Harvest Suite™ Ultra cab. Further benefits include reduced grain losses when working on steep inclines and protection of the grain during overnight storage. The bubble-up auger evenly distributes grain in the tank making air pockets and grain banks a thing of the past.



Grain tank		CX8.80	CX8.90
Remote folding covers capacity	(bu)	326	355
Manual folding extensions capacity	(bu)	350	350



ROBUST OPTION FOR ABRASIVE CROPS

For prolonged operation in abrasive crops such as rice, the new CX8 Series can be specified with the 'abrasive option'. The grain elevator, bubble-up auger and unloading auger are manufactured in heavy-duty materials to withstand prolonged operation in such crops.





LONG, STRONG AND PRECISE

The unloading spout directs the crop in a forward and outward direction for better distribution, which means you can use taller, higher-capacity trailers. In order to match their performance, both CX8 models feature an unloading auger extension to further increase unloading flexibility. Thanks to a 3.5-bushels-per-second unloading speed, the largest 355-bushel grain tank can be emptied in less than two minutes. Choose New Holland for less time unloading.



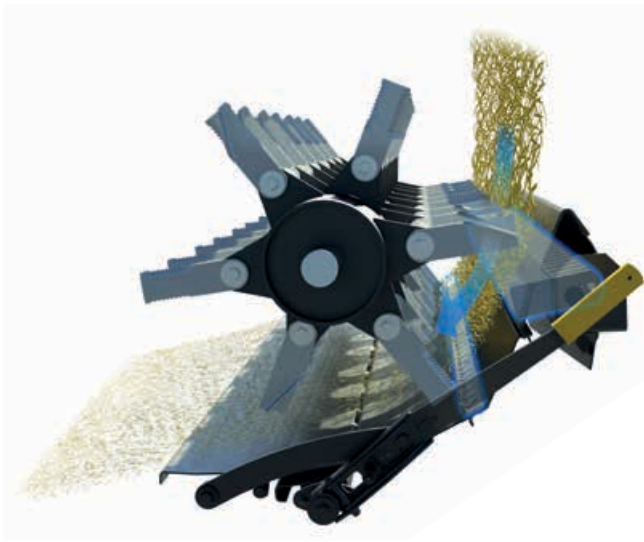
KEEP AN EYE ON YOUR GRAIN

The new CX8 Series has set a new industry standard in terms of grain quality, but for your peace of mind, New Holland has designed a 36 x 26-inch viewing window in the cab. Simply glance over your shoulder and you can see the quality of grain in the tank with your own eyes. You can also keep an eye on the grain tank fill level, which is displayed on the IntelliView™ IV monitor. If you want to take things a stage further, a grain sample flap, accessible from the operator's platform, assists physical sampling activities.

FLEXIBLE SOLUTIONS THAT ARE RIGHT FOR YOUR OPERATION

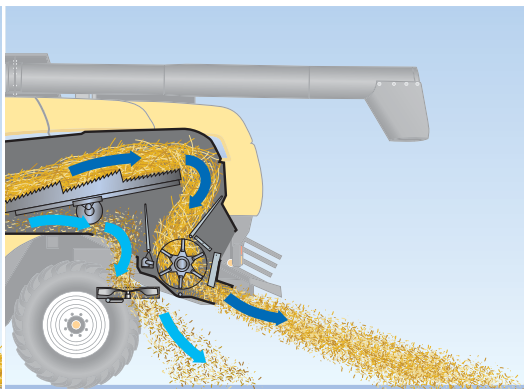
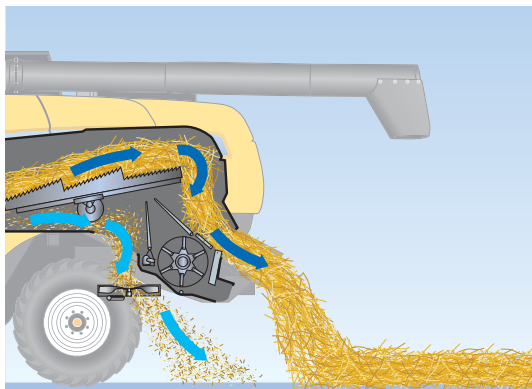
The CX8 Series offers complete and comprehensive residue management options that can be tailored for different types of crop and cultivation methods. Now available with the optional Opti-Spread™ system, CX8 combines let you easily set the perfect configuration for either modern no-tillage operations or perfect baling.





OPTI-SPREAD™ SYSTEM: ALWAYS SPREADING WIDE.

When using the largest 41-foot Varifeed™ header on the CX8 Series, a dedicated and powerful straw spreading system is a must. The optional Opti-Spread™ straw spreader mounted behind the straw chopper easily meets any spreading width requirement. This system has been further enhanced with the addition of Dual-Chop™ technology. All residue passes through a dedicated rake to ensure a superfine chop of all material. This is perfect for minimum or no-tillage operations that employ direct cultivation techniques. You control the Opti-Spread™ system from the comfort of the cab, and you can adjust the two powerful discs to counteract any wind or side-slope impact.



PERFECT BALES

The Multi-Thresh™ system guarantees gentle crop handling, to help maintain the straw structure and minimize breakages, even when working at the highest outputs. This makes the straw perfect for baling. The twin-disc chaff spreader can spread the chaff or it can be directed onto the ground, under the straw to be baled.

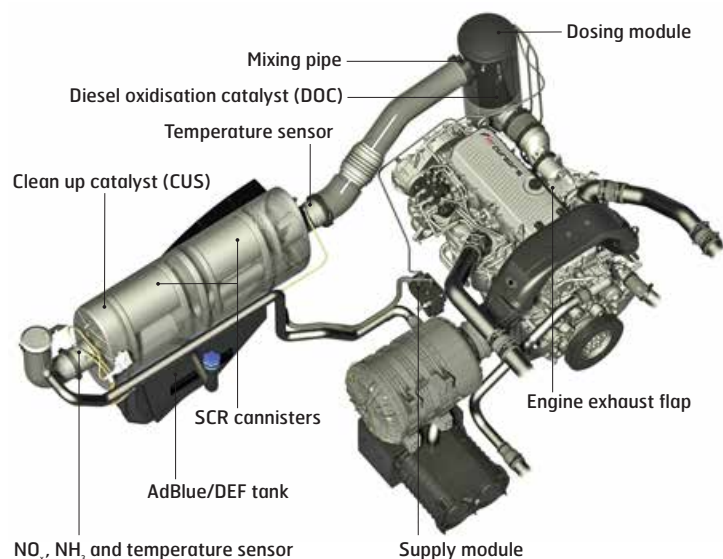
SPREAD WIDE

The Dual-Chop™ system features a dedicated rake through which razor sharp blades pass to ensure super-fine chopping of all material. Then, the vanes in the straw chopper hood or the powerful spreading discs of the optional Opti-Spread™ system evenly spread the chopped straw across the full width of the header.

**POWERFUL.
RESPECT FOR YOU. FOR YOUR FARM.
FOR THE FUTURE.**



Through the Clean Energy Leader strategy, New Holland is committed to making agriculture more efficient while respecting the environment. Powertrains are at the heart of this strategy. The CX8.90 combine benefits from the productivity-enhancing features of an FPT Industrial Cursor 10 engine equipped with ECOBlue™ SCR technology for Tier 4A compliance. The CX8.80 combine is fitted with a Cursor 9 engine equipped with ECOBlue™ HI-eSCR technology for Tier 4B compliance. The proven ECOBlue™ technology in both forms 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? Clean-running power units that offer improved performance and enhanced fuel economy.



ECOBBlue

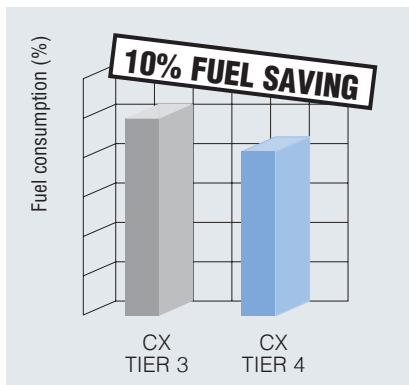
HI-eSCR



Models	CX8.80	CX8.90
Engine*	FPT Cursor 9*	FPT Cursor 10*
Capacity (cm³)	8700	10300
Compliant with Tier 4 emission regulations	Tier 4B	Tier 4A
ECObBlue™ system (Selective Catalytic Reduction)	HI-eSCR	SCR
Injection system	Common Rail	Unit Injectors
Gross engine power @ 2100rpm - ISO 14396 - ECE R120 [kW/hp]	265/360	330/449
Maximum engine power @ 2000 rpm - ISO 14396 - ECE R120 [kW/hp]	295/401	360/490
Approved Biodiesel Blend	B7**	B20**

* 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



MORE MONEY IN YOUR POCKET

The CX8 Series has been engineered by design to lower your operating costs. The CX8.90 model fitted with ECObBlue™ SCR technology will see a 10% reduction in fuel consumption when compared to a Tier 3 model. The CX8.80 model fitted with ECObBlue™ HI-eSCR technology maintains the lower fuel consumption of the previous CX Tier 4A range. During road transport, the engine runs at a mere 1,400 rpm, further minimizing fuel consumption. ECObBlue™ HI-eSCR technology is compatible with 7% Biodiesel blends that comply with EN14214:2009 fuel specifications and when combined with industry-leading 600-hour service intervals, the cost-saving package really adds up.

POWER SAVING DRIVELINES

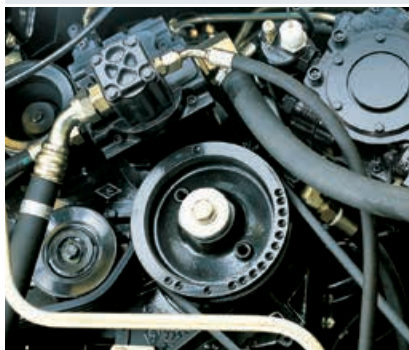
Overall reliability and low power consumption are the result of proven, direct drivelines and the four-speed hydrostatic transmission. The new CX8 Series continue to use positorque variators that offer simple efficient technology that means more power for harvesting when compared to heavy power-sapping CVT competitor alternatives. Remember: simplicity is always the best policy.

VAST TIRE OFFERING AND TOP 25-MPH TOPTRANSPORT SPEED

You can specify a wide range of traction tires to suit your individual needs, from the narrowest IF800/70 R38 to meet transport widths and to negotiate narrow gateways, right up to the largest 580/85 R42 dual tires for unsurpassed floatation performance. Want more? How about a top 25-mph ECO transport speed. Spend more time harvesting, and less time on productivity-impacting road transport.

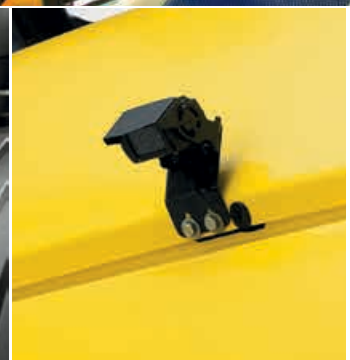
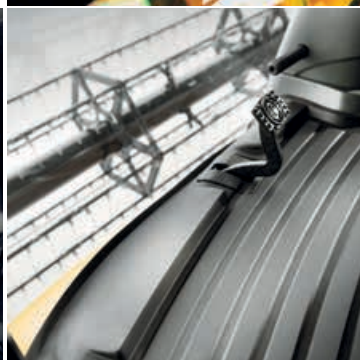
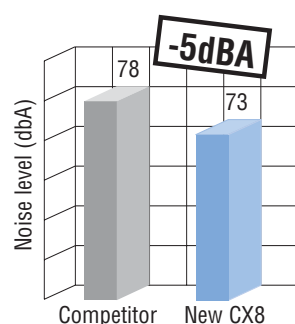
SUPER-TIGHT TURNING

The new CX8 Series compact design and impressive steering angle give it a turning circle of a mere 15 feet. This means smaller headlands for improved straw quality and reduced harvesting time, together with a tighter headland turn for less time turning and more time harvesting. The new, wide 750/65 R26 steering tires reduce compaction and improve traction. The optional four-wheel drive option now features two speeds to improve tractive force in even the most extreme conditions.



A NEW BENCHMARK FOR HARVESTING COMFORT

The new CX8 Series combines quite simply offer you a home away from home during long harvesting days and nights. The Harvest Suite™ Ultra cab is completely new from the floor up and is the fruit of extensive customer consultation. The cab volume has increased to 130.5 ft³ and boasts 68 ft² of glass, 7% more than previous models. You can enjoy all that space in the peace and quiet of the near silent 73-decibel cab.



ARE YOU SITTING COMFORTABLY?

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-line leather-trimmed seat features all the above plus extended vertical travel and automatic weight adjustment absorbs even the most severe bumps to offer the ultimate in operator comfort and style.

360° PANORAMIC VIEW

The Harvest Suite™ Ultra cab's wide curved window offers a perfect view. The floor slopes down into the front windshield so that you will have an even clearer view of the edge of the header, and the side glass perfectly follows your headers trajectory for an uninterrupted view of the unloading auger. Standard wide-angle electric mirrors mean you can see in all directions, and you can easily position them from the comfort of the cab. You can manage up to three optional viewing cameras through each of the two IntelliView™ IV monitors, and one has been pre-wired for reversing. When unloading, reversing or checking the grain tank level, they are the eyes in the back of your head.



BRIGHT LIGHTS FOR DARK NIGHTS

The new CX8 Series lighting package raises the lighting bar. The spread of light is engineered for maximum visibility of the entire header and the field ahead. Precision unloading in the dead of night. You'll never lose a single grain thanks to a specific unloading auger light. Rear lamps enable operators to monitor residue and two lamps located on the side panels illuminate the rear axle to prevent crushing standing crop and to assist when maneuvering. You even have the choice between Halogen and LED working lights and an additional long-distance LED lighting package is available. You can also get off of your combine in complete safety courtesy of the entrance light, which remains on for 30 seconds after you've switched the combine off.

STAY REFRESHED ON THE HOTTEST DAYS

During long hot harvesting days, the integrated fridge under the instructor seat will mean a refreshing drink is only an arm's length away. And, you can easily remove it for easy replenishment. The Automatic Climate Control system which comes as standard, automatically adjusts fan speed to guarantee accurate temperature to within one degree Fahrenheit. The new CX8 Series is definitely the coolest place to be.

EFFORTLESSLY MAXIMIZE YOUR PERFORMANCE

Intelligent and intuitive automation saves times and enhances harvesting performance. The CommandGrip™ multi-function handle is your right-hand harvesting man. You control 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. Machine functions can be analyzed at a glance courtesy of the color IntelliView™ IV monitor.



Forced-based movement enables the operator to change speed and direction

- Reel speed and header reverser direction control
- Emergency Stop (Header and Unloading)
- Reel position, Varifeed™ knife position or fold-up corn header plus shift button
- Unloading auger position
Unloading auger engagement
- IntelliSteer™ and Cruise control
- Automatic header height activation
- Two-speed header lift, lowering system and header lateral movement



Shift button and ground speed unlock (behind)

- Header and feeder reverse activation
- Opti-Spread™ control
- Engine speed
- Automatic header height modes
- Header width correction
- Automatic Crop Settings switch
- IntelliCruise™ engagement
- Powered rear wheels engagement (two speed)
- Electronic park brake
- Electronic gear selection





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.



WIDE-SCREEN HARVESTING

The ultra-wide 10.4-inch IntelliView™ IV color touchscreen monitor is fixed on rollers which move along an ideal viewing arc so you can position it just where you want. This intuitive, color touchscreen displays and monitors all combine functions and parameters which you can easily adjust by simply touching the screen. A second screen can be installed on request and is perfect for IntelliSteer™ auto guidance tasks.



- Header and feeder engagement
- Threshing engagement
- Vertical side knives left and right engagement
- Road / Field mode
- Reel speed synchronization
- Drum speed control
- IntelliSteer™ guidance activation
- Concave position
- Open / close grain tank cover
- Cleaning fan speed
- Upper sieve opening
- Lower sieve opening

GUIDANCE SYSTEMS TO MATCH YOUR NEEDS

Choose from a full range of New Holland Precision Land Management (PLM) solutions for your CX8 Series combine.

FULLY INTEGRATED INTELLISTEER™ GUIDANCE

You can order your CX8 Series combine with fully integrated IntelliSteer™ auto guidance direct from the factory to start saving money from your first run. The IntelliSteer system is an integral part of the combine's steering system and uses DGPS or RTK to help ensure parallel pass-to-pass accuracy as precise as +/- 1 inch. IntelliSteer benefits include less operator fatigue and full, more effective use of header cutting width, which leads to higher capacity every day.



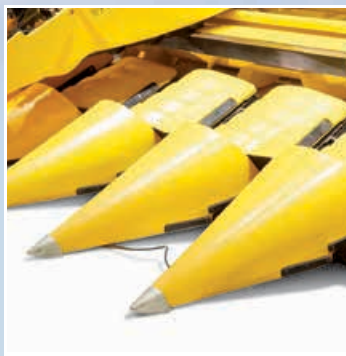
INTELLIVIEW IV: VISIBLE INTELLIGENCE

Use the standard IntelliView™ IV monitor to set up the IntelliSteer™ auto guidance system. You can program a variety of guidance paths, from straight A-B runs to complex adaptive curves. You can also personalize your settings and transfer information from your combine, direct to your precision farming software package.



INTEGRATED CONTROL SYSTEMS

The IntelliSteer™ System uses built-in T3 terrain-compensated correction signals to keep the Navigation Controller II informed of the combine's orientation (roll, pitch, yaw). An integrated control valve in the hydraulic system converts the signals from the Navigation Controller II into movements of the steering system.

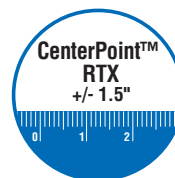
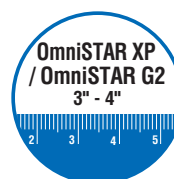
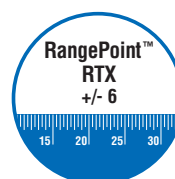
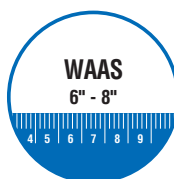


CORN GUIDANCE

Corn heads are available with automatic row guidance to keep your CX8 Series combine perfectly on the row. Two sensors continuously monitor the position of the crop entering the head, and automatically guide the combine to ensure true perpendicular entry, even in poor visibility or at high speeds. The system can also be linked to a GPS positioning system, which can distinguish between cut and uncut rows, for night harvesting and advanced harvesting activities such as skip row functionality.

LEVELS OF ACCURACY AND REPEATABILITY

New Holland offers a wide range of accuracy options. This enables you to select the right IntelliSteer™ system to match your needs and budget. When using RTK correction with IntelliSteer it is possible to deliver year on year repeatability.



NH 372 RECEIVER

The New Holland 372 antenna receives both DGPS and GLONASS signals and is fully compatible with WAAS, OmniSTAR, 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.



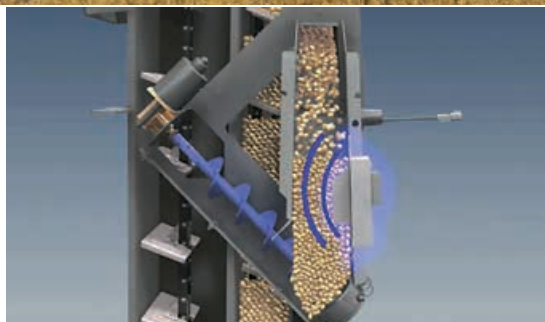
RTK BASE STATION

For the highest degree of accuracy, use an RTK base station that broadcasts a correction signal that allows you to achieve sub-inch pass-to-pass accuracy.

INTEGRATED YIELD AND MOISTURE SENSING

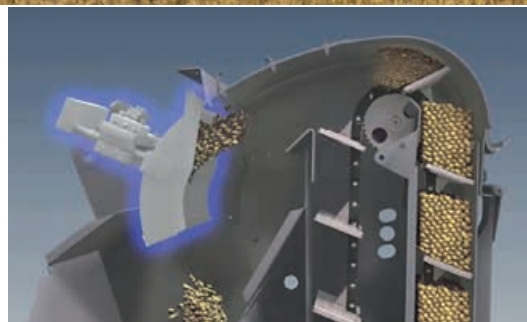
INTEGRATED MONITORING FOR INCREASED YIELD AND CROP QUALITY

The new CX8 Series combines are engineered by design with precision farming features right at its very heart. Yield information is continually updated and displayed on the IntelliView™ IV monitor. This data can be stored, downloaded and analyzed with precision farming software to establish accurate yields maps. These can be used to fine-tune inputs to maximize yields and minimize input costs.



REAL-TIME MOISTURE SENSING

New Holland's moisture sensor measures grain moisture in real time. It takes samples every 30 seconds and sends the data to the IntelliView™ IV monitor. The operator is kept continually informed and can adapt machine parameters accordingly.



BEST-IN-CLASS YIELD SENSOR FOR ACCURATE YIELD MAPPING

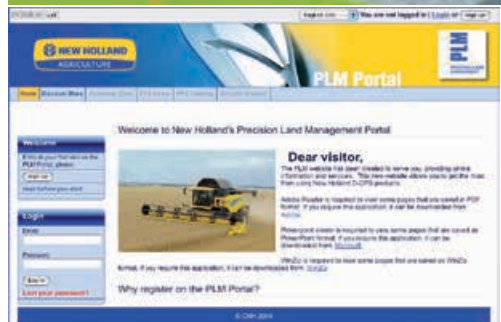
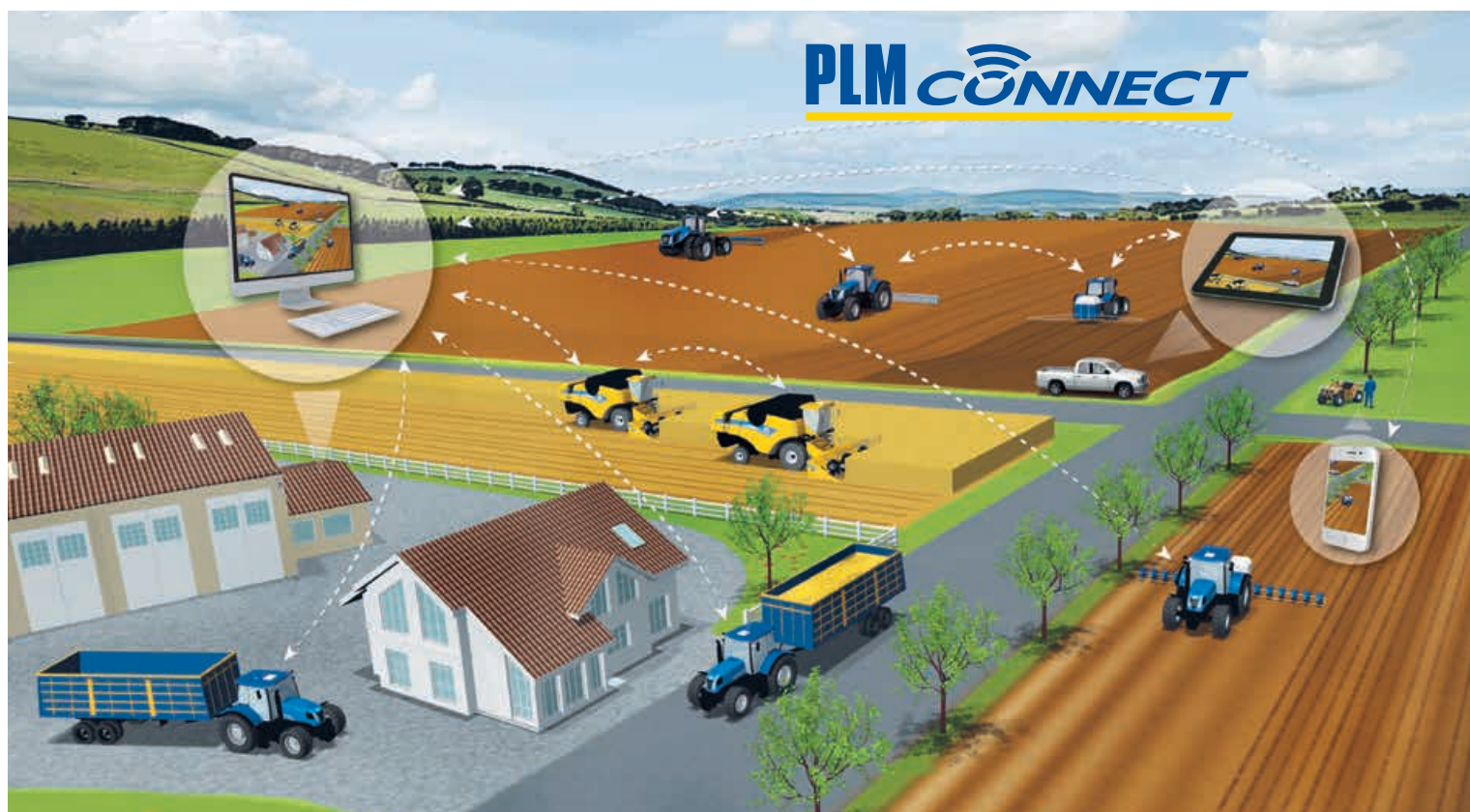
New Holland's exclusive, patented, high-accuracy yield sensor is generally recognized as best in class. Its design neutralizes the rubbing effect of grain. Whatever the kind, the variety or the moisture content of the kernel, the sensor generates an extremely accurate yield measurement. And, calibration is performed just once a season*, and the system then automatically adapts to changing crops and conditions. You get hands-off operation for ultimate harvesting simplicity.

*Requires one-load calibration per crop type with significant yield variation.

NEW HOLLAND PLM™ SOFTWARE

TELEMATICS: MANAGE YOUR MACHINE FROM THE COMFORT OF YOUR OFFICE

PLM® Connect enables you to connect to your combine from the comfort of your office through the utilization of the mobile network. You can stay in touch with your machines at all times, and you can even send and receive real-time information that saves time and enhances productivity. The entry-level PLM™ Connect Essential package offers the most frequently used features or upgrade to the PLM™ Connect Professional package for full machine monitoring and control.



PROFESSIONAL CUSTOMER SUPPORT: PLM PORTAL

New Holland created the PLM portal to support New Holland customers who have purchased Precision Farming and Auto Guidance products. Available to all New Holland customers, visit **www.newhollandplm.com** today.

Once you have signed in, you have unlimited access to the most advanced information on all New Holland Precision Farming and Auto Guidance systems. There is also a section dedicated to training videos and customer support information.



EFFICIENT DATA TRANSFER

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 complementary 4GB USB stick, which is large enough to record data from over 1,500 - 1,750 harvesting acres.

360° ACCESS: NEW CX8 SERIES

New CX8 Series combines are designed to spend more time working and less time on maintenance. After all, we all know how precious time in the field is during short harvesting seasons. The Variator Lube function guarantees even lubrication of variator moving parts, and resets speeds to original settings. The Cleanout system simplifies cleaning between crops. It automatically increases the speed and opens all functional components, then resets everything back to their prior settings. All service points are easy to access, and super-long service intervals mean CX8 Series combines will spend more time in their natural environment: the field!



The new integrated water tank is ideal for washing hands after connecting the header.

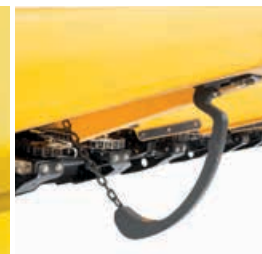


The air filter is easy to access from the engine platform.

Easy ground-access to oil filters and drain points and centralized greasing banks mean more efficient maintenance.

DEALER INSTALLED ACCESSORIES

A comprehensive range of approved accessories to optimize machine performance in all conditions can be supplied and fitted by your dealer.



- The fuel and 32-gallon AdBlue tanks are conveniently located next to each other for easy simultaneous filling.
- Check engine and hydraulic oil at a glance, without the need to open complicated panels.
- An optional brush and the optional rotary air cleaner, which directs a high pressure jet of air every two minutes, keep the rotary dust screen free of debris. Especially helpful when harvesting corn.
- Easy access to the wide opening rotary dust screen makes cleaning the cooling package a cinch. The optional air compressor connections add further convenience.
- Self-supporting, fully opening shielding guarantees wide access to all drives and service points.



NEW HOLLAND APPS

iBrochure

NH Weather

NH News

Farm Genius

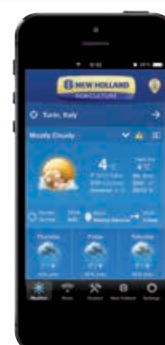
PLM Calculator

PLM Academy



Experience
New Holland
What's App!

Scan here to download the Apps



MODELS		CX8.80	CX8.90
Harvest Suite™ Ultra cab glass area	ft. ² (m ²)	68 (20.7)	68 (20.7)
Cab category level - EN 15695		2	2
LED working 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		○	○
Instructor seat		●	●
Leather Steering wheel		●	●
CommandGrip™ handle		●	●
IntelliView™ IV monitor with adjustable position		●	●
2nd IntelliView™ IV monitor		○	○
Wide Angle Shatterproof Mirrors		●	●
Viewing cameras		○	○
ACS (Automatic Crop Settings)		●	●
Automatic climate control and coolbox		●	●
Integrated fridge under instructor seat		●	●
MP3 Bluetooth radio / Satellite radio (hands free phone calls)		○	○
4 speaker system		●	●
Optimum Cab Noise level - 77/311EEC	dB(A)	73	73
Automatic header control systems			
Automatic stubble height control		●	●
Compensation mode		●	●
Terrain Tracer™ system / Autofloat™ system		●	●
Feeder			
Number of chains		4	4
Power Reverse™ hydraulic header and feeder reverser		●	●
Lateral flotation		●	●
Front face adjustment		●	●
New Holland Precision Land Management systems			
PLM Connect Telematics		○	○
Guidance systems			
IntelliSteer™ automatic guidance system		○	○
IntelliCruise™ system		○	○
Automatic row guidance system for corn headers		○	○
Precision farming			
Yield measuring and moisture measuring		●	●
PLM® Desktop software and software support service		●	●
Threshing drum			
Width	in. (mm)	62 (1575)	62 (1575)
Diameter	in. (mm)	29.5 (749)	29.5 (749)
Standard type / Universal type		● / ○	● / ○
Number of bars		10	10
Speed range	rpm	305 - 905	305 - 905
Drum Concave			
Area	in. ² (mm ²)	1829 (46457)	1829 (46457)
Number of bars		16	16
Wrap angle	degrees	111	111
Beater			
Diameter	in. (mm)	18.75 (476)	18.75 (476)
Beater concave area	in. ² (mm ²)	450 (11430)	450 (11430)
Rotary Separator			
Diameter	in. (mm)	28 (711)	28 (711)
Speed	rpm	387 / 700	387 / 700
Quick speed change without tools		●	●
Concave area (including rake)	in. ² (mm ²)	1441 (36601)	1441 (36601)
Multi-Threshold™ system		●	●
Straw Flow™ beater		●	●
Total powered separation area	in. ² (mm ²)	3937 (100000)	3937 (100000)
Strawwalkers			
Number		6	6
Opti-Speed™ variable strawwalkers		●	●
Separation area	in. ² (mm ²)	9192 (233477)	9192 (233477)

MODELS		CX8.80	CX8.90
Cleaning			
Self-levelling cleaning shoe		●	●
Opti-Clean™ cleaning system		●	●
Grain pan removable from front		●	●
Pre-cleaning system		●	●
Total sieve area under wind control	in. ² (mm ²)	10075 (255905)	10075 (255905)
Remote control sieve setting		●	●
Cleaning fan			
Opti-Fan™ system		●	●
Number of blades		6	6
Speed range	rpm	200 - 1100	200 - 1100
Double outlet fan		●	●
Electrical speed adjustment from the cab		●	●
Return system			
Roto-Thresher™ system	Number of Rotors	2	2
Returns indication on IntelliView™ IV monitor		●	●
Grain elevator			
High capacity grain elevator with heavy duty chain & flaps		●	●
Residue management			
Integrated straw chopper		●	●
Remote adjustable deflectors		○	○
Chaff spreader		●	●
Opti-Spread™ residue management		○	○
Grain tank			
Remote folding covers capacity	bushels	326	355
Manual folding extensions capacity	bushels	350	350
Central filling, folding bubble-up extension		●	●
Unloading auger			
Overtop unloading		●	●
Unloading speed	bu/sec	3.5	3.5
Grain sample inspection door		●	●
Grain tank fill warning device		●	●
Unloading auger swivel reach	degrees	105	105
Electrical			
12 volt alternator	amps	190	190
Battery capacity	CCA / Ah	730 / 2x107	730 / 2x107
Engine*		FPT Cursor 9*	FPT Cursor 10*
Compliant with emission regulations		Tier 4B	Tier 4A
Capacity	in. ³ (cm ³)	3425 (8700)	4066 (10300)
ECOBlue™ SCR system (Selective Catalytic Reduction)		HI-eSCR	SCR
Injection system		Common Rail	Unit Injectors
Gross engine power @ 2100 rpm - ISO 14396 - ECE R120	hp	360	449
Max. engine power @ 2000 rpm - ISO 14396 - ECE R120	hp	401	490
Approved Bio Diesel Blend		B7**	B20**
Electronic governor type		●	●
Fuel consumption measuring and read-out on IntelliView™ IV monitor		●	●
Air compressor		○	○
Engine rotary air screen blow off system		○	○
Fuel tanks			
Diesel capacity / AdBlue capacity	gal. (L)	265 / 32 (1003 / 121)	265 / 32 (1003 / 121)
Transmission			
Hydrostatic		●	●
Gearbox		4-speed	4-speed
Remote gearshifting		●	●
Differential lock		●	●
Powered rear wheels		○	○
Maximum speed standard / optional	mph (kph)	19 / 25 (31 / 40)	19 / 25 (31 / 40)
Weight			
Standard version on tires, less header and less strawchopper	lbs. (kg)	34225 (15524)	35349 (16034)

● Standard ○ Optional * 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

MODEL DIMENSIONS

CX8.80 / CX8.90

With traction tires		900/60-R32
Max height in transport position	ft. (m)	13 (3.9)
Max width - transport	ft. (m)	12.4 (3.8)
Max length with unloading tube w/o header	ft. (m)	29.7 (9)

Other traction wheels beside 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.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

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.



We are proud to support the FFA.

Learn more at www.newholland.com/na

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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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