



NEW HOLLAND CX8000

CX8040 | CX8050 | CX8070 | CX8080 | CX8090



YOUR PERFORMANCE AND ENVIRONMENTAL ADVANTAGE.

Over 10,000 CX combines have been produced since their introduction in 2001, and they have undergone a constant evolution process to guarantee the most up-to-date innovative solutions to tackle changing farming practices. The CX8090 is the world's most powerful strawwalker combine, and its new Tier 4A compliant engine, featuring productivity boosting Selective Catalytic Reduction engine technology, is the latest step-forward in the continuous drive to improve the CX8000 performance. What is more,

the CX8000 operator is always in perfect control of the harvesting process, with a whole raft of information at his fingertips thanks to the IntelliView™ III monitor with its wide colour display and touch screen navigation. Innovative automatic guidance devices such as the IntelliSteer™ system further maximise field precision for increased productivity. With a five model line up, producing up to 490hp(CV), you are sure to find your perfect harvesting partner.



FROM ZEDELGEM!

Over 100 years ago, in 1906 Leon Claey's made his first threshing machines in Zedelgem, Belgium. In 1952, the first European self-propelled combine harvester was built. Today, the Zedelgem site is the "New Holland centre of excellence for harvesting equipment". The new CX8000 models are designed and built by dedicated people, who know what total customer satisfaction means, both in terms of harvesting performance and on-the-job reliability.



	CX8040	CX8050	CX8070	CX8080	CX8090
Grain header width (m)	4.57 - 7.32	4.57 - 7.62	5.18 - 9.15	6.10 - 10.67	7.62 - 10.67
Engine power @ 2100rpm [kW/hp(CV)]	220/299	240/326	240/326	265/360	330/449
Maximum engine power @ 2000rpm [kW/hp(CV)]	245/333	270/367	270/367	295/401	360/490
Drum width / diameter (m)	1.3 / 0.75	1.3 / 0.75	1.56 / 0.75	1.56 / 0.75	1.56 / 0.75
Number of strawwalkers	5	5	6	6	6
Grain tank capacity (l)	9000	9000	9000	10500	10500

A PERFECT START.

VARIFEED™ HEADERS ADAPT TO THE CROP

A high field speed, whatever the crop conditions, is vital to make full use of the potential of the CX8000 combines! The Varifeed™ header with a fore-aft knife position adjustment ensures that crop flow is right from the start. Knife adjustment is controlled from the cab and the header floor remains closed in all knife positions. The crop layer is kept even from start to finish, maximising the efficiency of the combine. The hydraulically driven reel further increases productivity in exceptionally heavy crops.



575 mm

LATEST GENERATION VARIFEED™ GRAIN HEADER

The latest generation of the Varifeed™ grain header which has a floor travel of 575mm is available in three sizes: 7.62m (25ft), 9.15m (30ft) and 10.67m (35ft).

The rugged frame construction and the operational features including heavy-duty high speed knife drive, large auger diameter and extended reel tine reach guarantee an impressive cutting and feeding capacity, matching the performance of the CX8000 combine range.



NEW HOLLAND MAIZE HEADERS

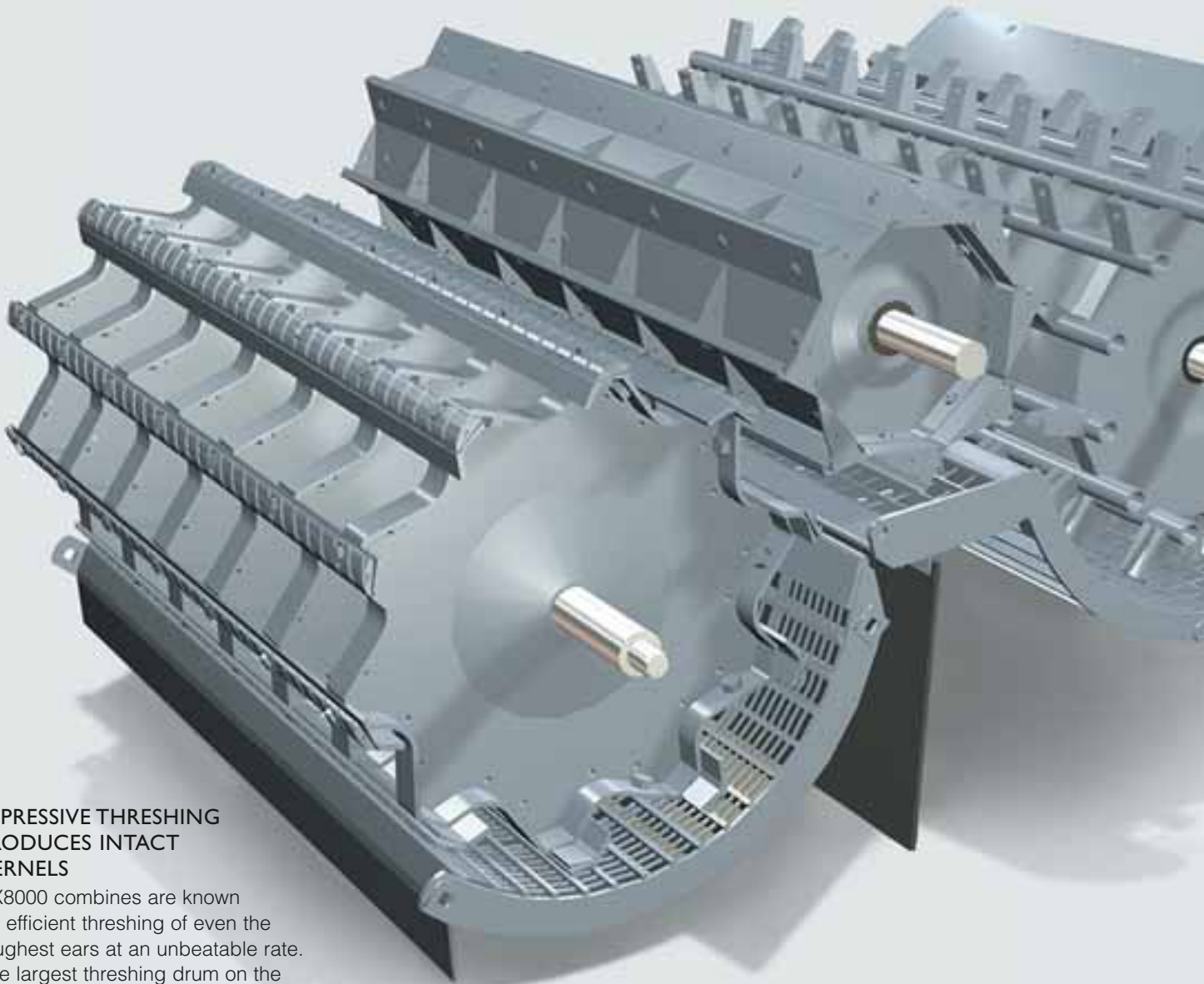
New Holland's maize headers are your productivity guarantee for CX8000 combines. Available in both rigid and flip-up versions, they offer a whole host of features including best in class stalk chopping, aggressive stalk rolls and the deck-plate can even be adjusted from the comfort of the cab. Available in 6, 8 and 12 row versions, these headers are the perfect match for the CX8000, enabling you to fully utilise the machines potential for improved capacity and harvesting efficiency.

FOR HIGH FIELD SPEEDS: EXTRA CAPACITY AND HIGH CAPACITY HEADERS

For smooth crop guidance to the knife and to the feed auger, the High Capacity header on all New Holland combines has a large reel diameter and easy reel adjustments. The high knife speed and the feeding auger with retractable fingers over the full cutting width offer high field speed and help ensure a steady feeding. The configuration of the Extra Capacity grain header is adapted to heavy cereal crops. The knife position is advanced by 15cm and the large "header feeding area" copes perfectly with high crop volumes and long straw crops. For added torque the reel is driven hydraulically.



UNMATCHED THRESHING WITH THE LARGEST THRESHING DRUM AVAILABLE.



IMPRESSIVE THRESHING PRODUCES INTACT KERNELS

CX8000 combines are known for efficient threshing of even the toughest ears at an unbeatable rate. The largest threshing drum on the market has a diameter of 75cm.

A wrap angle of 111 degrees results in a substantial concave area of 1.18m² on the six-strawwalker models and 0.98m² on the five-strawwalker models. Threshing all the grain kernels out of every cereal crop or variety is done with great ease.



A LASTING PERFORMANCE

An immense diameter means that the drum does not require a high rotational speed to achieve the optimum threshing action. This provides a smoother drive and less strain on the drivelines. The high inertia of the large diameter drum smoothes out peak loads, even in damp conditions.



A SMOOTH CROP FLOW ADDS TO THE DAILY PERFORMANCE

Sustaining maximum productivity is a major characteristic of the four-drum technology. The Rotary Separator not only provides an important extension of the rubbing action for additional grain separation, it also helps ensure a steady flow of the crop for maximum throughput. By enhancing crop transition between the Rotary Separator and strawwalkers, the Straw Flow™ beater also adds to the sustained throughput and to the overall daily capacity.

UNMATCHED SEPARATION POTENTIAL

The large drum concave provides a vast separation surface. The concaves under the beater and the Rotary Separator add more powered separation area. The beater, the Rotary Separator and the Straw Flow™ beater each create a directional change in the crop flow, increasing grain separation. For higher straw quality in crops that do not require the extra rubbing, the four-drum technology includes the Multi-Thresh™ system that can lower the concaves of both the beater and the Rotary Separator.



STURDY EFFICIENCY

Final separation of any grain remaining after the intense forced separation by the four-drum technology is taken care of by the strawwalkers as they transport the straw to the rear of the combine. The strawwalkers have closed bottoms for not only added strength and life long reliability, but also to deliver separated grain evenly to the grain pan when on side slopes.

ALL RIGHT?

A top grade grain sample, in line with the CX8000 high standards meets the high expectations of the commodity market. Making sure that the threshing action is fully optimised without kernel damage and that the cleaning shoe is delivering a good sample, is quick and easy thanks to the sampling door just outside the cab and the IntelliView™ III touchscreen monitoring systems.



TOP GRADE GRAIN SAMPLE.

CLEAN KERNELS IN A STEADY FLOW, IN LINE WITH THE CX8000 CAPACITY

The CX8000 cleaning shoe produces a perfect sample in any variety of crop thanks to the large and efficient cleaning area. The double acting shoe gives the precise throwing stroke to each sieve for correct handling. The sieves can be remotely adjusted from the cab, and for increased productivity in specific crops, specialist sieves are available. A wind-controlled pre-sieve, fitted between the grain pan and the top sieves, collects the grain and directs a major portion of it to the lower sieve. This optimises the top sieve efficiency while the extra air-flow between the pre-sieve and the top sieve also adds to overall cleaning efficiency.



WIND-CONTROL MATCHES THE HIGH GRAIN VOLUMES

With a total area under wind-control of 6.54m² on the six-strawwalker models and 5.40m² on the five-strawwalker models, the CX8000 cleaning shoe can handle the large grain volumes produced by the highly productive threshing and separation systems. Plenty of air is drawn from both sides and from the top of the fan housing while two outlets help ensure an even wind pattern through the sieves. The powerful six-blade fan is available with a low-speed drive option for optimum blowing effect in light seeds.

THE MOST EFFICIENT LEVELLING SYSTEM ON THE MARKET

Working on side-slopes without the need to slow down for full cleaning efficiency: that is what the New Holland self-levelling cleaning shoe allows on any slope encountered up to 17%. An electrical actuator commanded by a levelling sensor, keeps the complete cleaning shoe horizontal, including the long grain pan, the pre-sieve, the top sieve and the bottom sieve. The grain is kept in an even layer while an even airflow 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.



AGGRESSIVE CASCADE CLEANING

An important positive element in the CX8000 cleaning module is the pre-sieve. It provides an extra section of wind-controlled sieve area but more importantly, it creates an additional air blast through the grain as it falls onto the upper sieve. At this stage a lot of chaff and short straw is taken out of the grain even before final cleaning is started.

IN CONTROL OF RETURNS

The CX8000 efficiency in the threshing, separation and cleaning stages keeps the amount of returns to a minimum. Varying crop conditions may affect the quantity of returned materials: this is indicated on the IntelliView™ III monitor. To avoid extra load in addition to the new crop being fed into the combine, the roto-thresher (a New Holland innovation) deals with returns in an efficient way. If required there is some additional threshing, if not, a smooth cover can be installed. The CX8000 threshing and separation is not compromised - the returned material is spread evenly across the grain pan, for final cleaning.

EASY TO REACH

To maintain the grain pan efficiency in terms of grain transportation capacity and preparation before cleaning – major contributors to the combine's overall performance - the steps of the grain pan must be clean. When working in wet materials or crops with sticky characteristics, it may be necessary to regularly clean these steps. To allow easy cleaning, the CX8000 combine's grain pan can be removed from the front in two sections.

HIGH VOLUME GRAIN MANAGEMENT.



	CX8040	CX8050	CX8070	CX8080	CX8090
Grain tank capacity (l)	9000	9000	9000	10500	10500

HIGH LEVELS OF GRAIN HANDLING EFFICIENCY

CX8000 combines have a high grain tank filling rate. They demand a grain transport system that matches their huge capacity. For high levels of grain handling efficiency, the grain tank capacity is truly impressive - from 9000 litres on the CX8040 to 10500 litres on the CX8090. Reaching these high capacities while staying within accepted road transport widths, is achieved by fold out grain tank extension covers electrically operated from the cab. When opening the covers, the top section of the central filling auger automatically folds into the working position to ensure full use of the total grain tank capacity.



UNLOADING: SWIFTLY AND EFFICIENTLY

The unobstructed view of the unloading auger offers smooth and uninterrupted field operation while unloading. With an unequalled unloading rate of 110 litres per second, even the largest 10500 litre grain tank is unloaded in less than 100 seconds.



CHAFF AND STRAW TREATED THE APPROPRIATE WAY.



THE IMPORTANCE OF DEALING CORRECTLY WITH CHAFF AND STRAW

In operations where the use of straw is not the practice, CX8000 combines provide the optimum treatment of straw and chaff. Conservation tillage, an arable farming method of growing interest, consists of planting after minimal or even zero land tillage. It reduces labour time and can lead to increased crop yields and reduced soil-erosion. One draw-back of this farming practice may be pest problems created by moisture trapped in crop residues. This makes it vital to have a good consistent chop and full width even straw and chaff distribution, especially when working with the large headers common on CX8000 combines. Avoiding chaff or straw accumulation also helps prevent seed drill blockages.



NEW HOLLAND CHOPPERS: CHOPPING FINE – SPREADING WIDE

The increasing importance of residue management has resulted in the offering of choppers entirely developed and produced by New Holland. On CX8000 combines there is a choice between four or six rows of knives. The high chopper speed of 3500rpm helps ensure the fine chopping and wide spreading of even the heaviest crops.



FULL CUTTING WIDTH SPREAD

The ten-fin, fully adjustable spread-board and the efficient centre nose plate help ensure the fine and regular spread of chopped material over the full cutting width.



FLEXIBLE CHAFF TREATMENT

CX8000 is available with a choice of two chaff spreading systems which ensure perfect spreading over the full cutting width in all crop and harvesting conditions. The standard system uses a chaff blower which uses the straw chopper to spread the chaff, even when straw chopping is not required. The optional system uses two horizontal discs which are installed instead of the blower and work completely independent of the straw chopper.

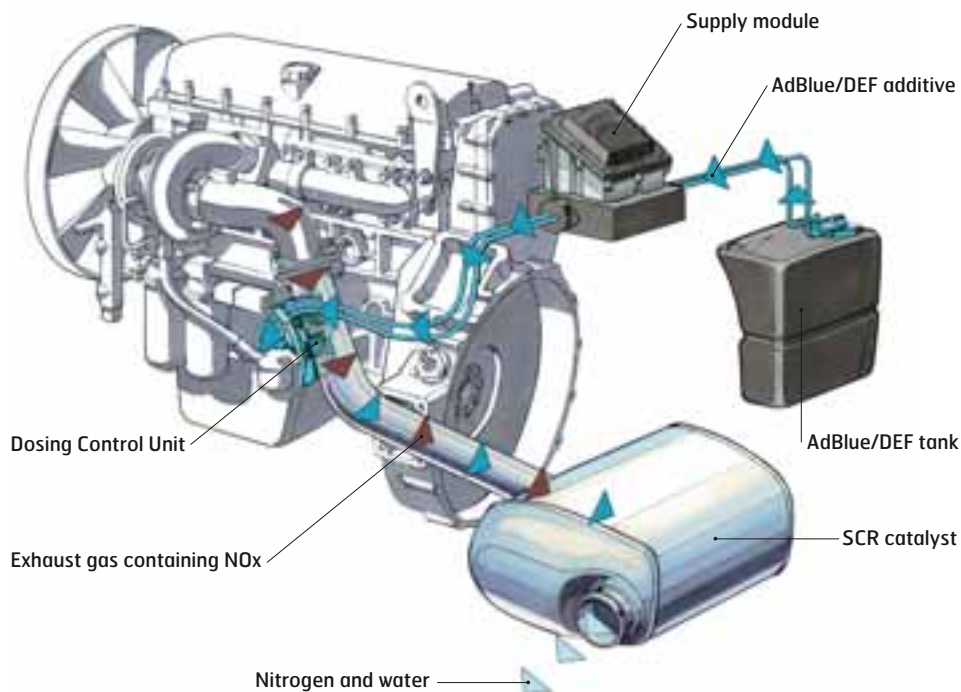
EXCEPTIONAL STRAW QUALITY

In CX8000 combines, forced threshing and separation is done over large surfaces. As a result, the rubbing does not have to be aggressive and the straw quality is high. The large windrows will produce high quality bales with good bedding characteristics. The straw hood has two four-position adjustable wind row rakes which allow the operator to easily control the swath width.



POWERFUL AND ENVIRONMENTAL: A WINNING COMBINATION.

All CX8000 combines benefit from a high pressure common rail, Tier 4A compliant, engine. This is part of New Holland Agriculture's environmental promise: developing solutions that make agriculture more efficient whilst respecting the environment. The second part is to offer tailor-made solutions for every product, and the entire CX8000 range will benefit from Selective Catalytic Reduction (SCR) technology. This after treatment system uses a catalyst to treat the nitrogen oxides contained in the exhaust gas, transforming them into harmless water and nitrogen, which both occur naturally in the atmosphere. As it's separate from the main engine it doesn't compromise horsepower or torque, and the cumulative result is improved engine performance and enhanced fuel efficiency.



		CX8040	CX8050	CX8070	CX8080	CX8090
Harvest power at 2000rpm	[kW/hp(CV)]	245/333	270/367	270/367	295/401	360/490

AdBlue®

ADBLUE WITH NO ADDED HASSLE

AdBlue is a key component of the SCR system. It is a water and urea mix that is added to the exhaust gases to make them harmless. Available through your New Holland dealer, you will be able to store AdBlue on your farm in a container size that suits your needs. The simple system is so easy to use, just fill up your CX8000 120 litre AdBlue tank, and when it is running low, a pop-up notification will be displayed on the IntelliView™ III screen. What's more, your AdBlue tank fill will last twice as long as your diesel tank.





HIGH COOLING CAPACITY

All radiator sections and the dust screen are easily accessible for thorough cleaning and have the dimensions to help ensure maximum performance in any climate or condition. The CX8000 combine's cooling compartment incorporates different radiators for engine coolant water, hydrostatic oil, hydraulic oil and engine intercooler. In the hinged section of the rotary dust screen you can find the radiator for the air-conditioning.



EXCELLENT POWER TRANSMISSION WITH OPTIMISED BELT GRIP

One of the most critical power transmission components is the drum speed variator. To help ensure positive and constant power transfer, the heavy-duty variator belt runs between large diameter discs and is continuously and automatically tensioned by a posi-torque system. This provides optimised grip and power transfer, even in the toughest harvesting conditions.



GENTLE ENGAGEMENT MAINTAINS DRIVELINE RELIABILITY

For smooth engagement of power-demanding components between the engine and threshing or unloading systems, CX8000 combines use a main engine drive gearbox with hydraulically engaged clutches. This high-performance assembly is controlled via a modulated signal that spreads the load, resulting in smooth and efficient engagement.

LONG DAYS

The fuel efficient CX8000 combines have a large capacity fuel tank for uninterrupted field-work during the longest harvesting days. For maximum convenience the AdBlue tank is located close to the fuel tank.



THE ABSOLUTE EXPERIENCE OF SPACE AND COMFORT.



A SPLENDID VIEW

To ensure the operators work efficiently, they have perfect visibility of all aspects of the harvest.

EXTENDING THE COMFORT

The large cab on New Holland flagship combines not only provides more space. The air-conditioning features an automatic climate control system. Meeting the individual requirements of any operator, the air-suspended seat is adjustable for height, fore, aft and seat back angle while the suspension can be adapted to the operator's weight. There is also a comfortable passenger seat.



ACTIVE CHILLING CAPACITY

For long working days and for maximum comfort, the CX8000 can be equipped with a fridge. It has an effective chilling capacity and can hold two 1.5 litre bottles.



EASY ACCESS

When in the working position, the ladder provides easy and safe access to the spacious cab. To limit the combine's width for road transport, the ladder on CX8000 combines swings in front of the traction wheel. Changing ladder position can be done from both the ground position and the platform.

EXTENDING HARVEST DAYS

To maintain full harvesting capacity at night it is important that visibility from this superb cab is not compromised. No less than seventeen lights are standard equipment on CX8000 combines. To further improve this visibility at a distance and for more light over the header, a Xenon lighting option can be installed.

EFFORTLESSLY MAXIMISING PERFORMANCE.

INTUITIVE COMMUNICATION SKILLS: THE INTELLIVIEW™ III MONITOR

Permanently operating with the right information is a pre-requisite for maximum performance. On all CX8000 combines, the IntelliView™ III monitor with touch screen, is built into the console on the operator's right-hand side. It displays all types of information and it is the interface to control and set up a wide range of functionalities. Thanks to the wide screen, the use of colour and the ease of use, the information is displayed in a very structured way so that the operator finds what he needs at a glance.

AN EXTENSION OF THE OPERATOR'S ARM

The multi-function lever on CX8000 combines is the operator's main tool to control the combine. This ergonomically designed user interface controls directional movement, unloading auger position, engagement of the unloading system, all header and reel controls.





SIMPLIFIED SETUP TO GAIN TIME

To reduce unproductive time and to simplify the combine setup when switching between crops or when working in varying crop conditions, CX8000 combines feature an automatic crop setting system. There are sixteen factory installed settings available, each one related to a specific crop. Ten additional settings are available that can be individually programmed by the operator, even for the headland routine. The settings involved include reel speed and position, drum speed and concave clearance, sieve opening and cleaning fan speed.



BRILLIANT ERGONOMICS

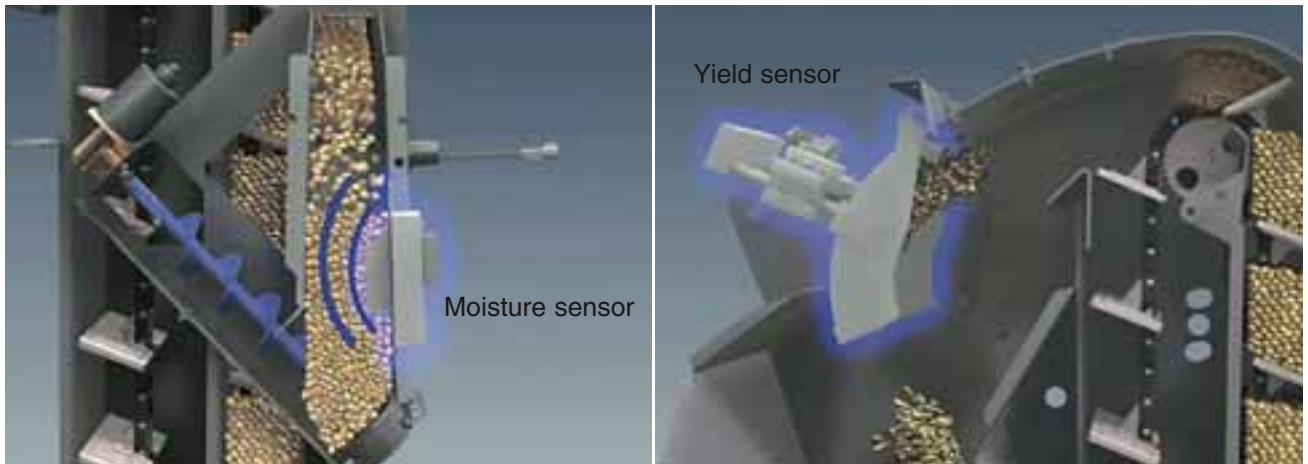
For stress-free operation the lay-out of the right hand console is logical, with the switches and buttons in the most convenient positions. The complete console can be adjusted to suit the operator's preference and it contains all the switches and controls to adjust and setup the combine. Electronically controlled gear selection gives easy shifting and pre-selection opportunities.



NEW HOLLAND PRECISION LAND MANAGEMENT SITE SPECIFIC FARMING.

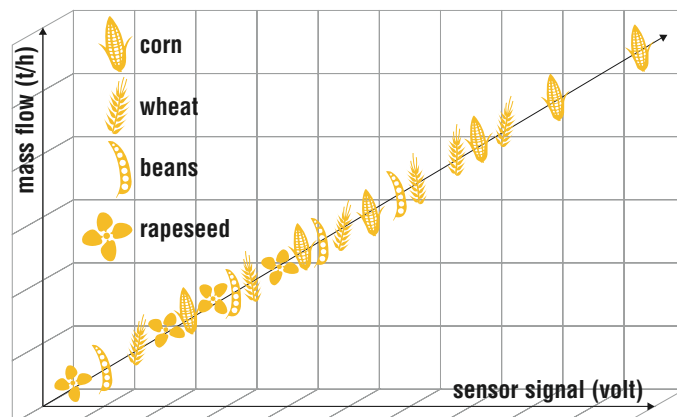
GETTING MORE FROM GROWING INPUTS

A cultivation method that makes use of site specific soil treatment and seed application is one of the ways to optimise the efficiency of the crop-growing activity. The starting point of Precision Farming is a yield map. The exclusive, patented, high accuracy yield sensor, developed by New Holland is generally recognised as the “best in class”. It uses a sensor plate mounted to a pivoting device with a counter weight, thus neutralising the rubbing effect of the grain. In addition, the throwing angle of the paddles that throw the grain onto this sensor plate is set so that shear grain volume does not cause deviation in the sensing system. Mounted on the grain elevator, a moisture sensor regularly takes a sample of the harvested grain, for accurate measurement of the moisture content.



NO CALIBRATION REQUIREMENT

Thanks to the ingenuity of its concept, the unique New Holland yield sensor is fully independent of kernel mass. Whatever the kind, the variety or the moisture content of the kernel, the impact on the sensor generates an extremely accurate yield measurement. There is no need for calibration between fields, crops or even between the cereals and maize season.



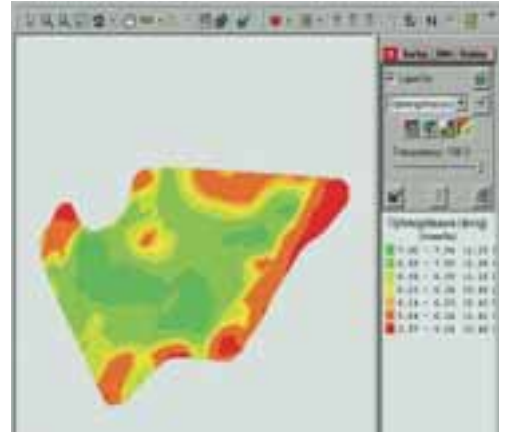
UP TO DATE INFORMATION TRANSFER

For the smooth exchange of data collected by the CX8000 combine's yield sensor to the farm computer, a simple memory stick is used.



BACK-UP ADDS CONFIDENCE

Specialist support companies in all European countries assist New Holland customers by providing a full day's training on the use of the Precision Farming desktop software. These specialists remain available for on-line user assistance and will offer information on new developments.



PRACTICAL PRINTER

A cab mounted printer is available to produce a handy record of any information regarding a specific field job, or day.



PRECISION LAND MANAGEMENT POSSIBILITIES

The level of application of the Guidance systems and Precision Farming technology may depend on the type and size of the farming operation, local requirements, core business characteristics or even the personal preference of the farm manager.

The available packages include:

- Moisture measuring system
- Yield and moisture measuring system
- Full Precision Farming package including yield and moisture measuring, DGPS yield mapping, desktop software and software support service.

INCREASE OPERATOR EFFICIENCY.



GUIDING THE FIELD OPERATION

Recent developments in agriculture emphasise the use of advanced technology to get the maximum from the available land and natural resources. On CX8000 combines automatic systems are available to reduce the load on operators so that they can concentrate on and maximise machine performance. These systems can automatically manage the forward speed or guidance of the combine, but the operator stays in command and can resume full control whenever necessary.

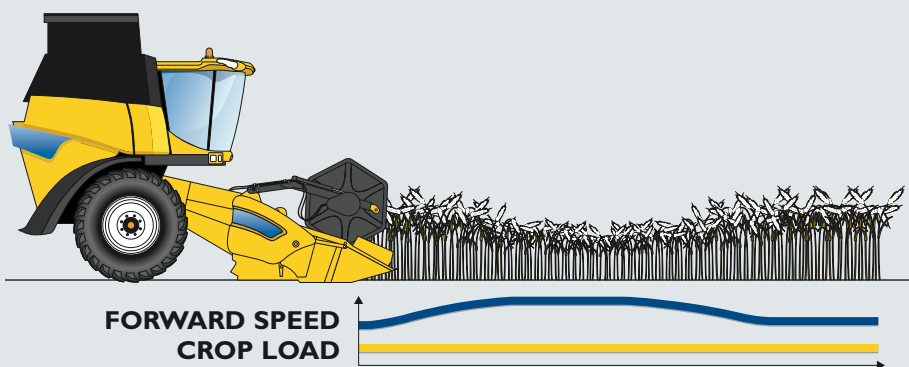


LASER-BASED SMARTSTEER™ SYSTEM EASES THE DRIVING

The New Holland SmartSteer™ Automatic guidance system uses a laser scanner mounted under the left hand side of the cab roof. It distinguishes between the cut and uncut crop to provide a signal for precise steering, so that the combine operator can concentrate on optimising the combine to maintain maximum performance. The scanner can be set to detect the left or the right hand crop edge.

AUTOMATIC ROW GUIDANCE SYSTEM FOR MAIZE HEADERS

Touch sensor arms in the front of a row unit continuously monitor the maize row. Based on this information, the CX8000 electronic system controls the steering valve and keeps the combine on course in any type of maize crop.



INTELLICRUISE™ SYSTEM STRIVES FOR THE HIGHEST WORK RATE

The IntelliCruise™ Automatic Crop Feeding System automatically matches forward speed to crop load. For the earliest possible detection of crop variation, a sensor on the straw elevator driveline permanently monitors the power demand of both the header and the elevator. IntelliCruise ensures smooth changes of speed and allows top performance independent of yield variations within the field.



NEW HOLLAND OFFERS SO MUCH MORE.

INTELLISTEER™ AUTOMATIC STEERING SYSTEM

The CX8000 range can be specified with a fully integrated New Holland designed and developed IntelliSteer™ Automatic Steering System. Using DGPS or RTK Technology and fully integrated control systems the IntelliSteer™ system helps ensure parallel pass to pass accuracy of up to 1 - 2cm*. The IntelliSteer™ system has been designed for working with today's modern wide combine headers and dramatically improves operator performance and comfort in the most demanding situations.

An additional benefit of using RTK correction with the IntelliSteer™ system is the guaranteed year to year repeatability, which is becoming more important with today's modern farming techniques. All this and more at the touch of a button.

* Using RTK correction signal.

INTELLIVIEW™ III MONITOR. ONE SCREEN DOES IT ALL.

Using the standard Intelliview™ III screen, IntelliSteer is easily integrated into the CX8000 ranges operating system. The IntelliSteer™ System can perform a number of different patterns.



NH 262 RECEIVER

The NH 262 receiver is capable of working with EGNOS, OmniSTAR or RTK correction. For RTK applications a slim profile radio mounts underneath the receiver.



RTK BASE STATION

An RTK base station can be used to broadcast a correction signal to achieve a pass to pass accuracy of 1 -2cm.



NAVIGATION CONTROLLER II

The Navigation Controller II is the main control system which continually corrects for roll, pitch, and yaw by using state of the art 6-axis solid state inertial sensors to give you a true on-ground position.



INTEGRATED CONTROL SYSTEMS

The New Holland IntelliSteer™ System uses built in steering angle sensors to keep the Navigation Controller II informed of wheel direction. Also integrated into the hydraulic system is a control valve which converts the signals from the Navigation Controller II into hands-free control of the steering.



BEYOND THE PRODUCT.



TRAINED TO GIVE YOU THE BEST SUPPORT

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive classroom based courses. This advanced approach ensures your dealer will always have access to the skills needed to look after the latest and most advanced New Holland products.

FINANCE TAILORED TO YOUR BUSINESS

CNH Capital, the financial services company of New Holland, is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With CNH Capital, you have the peace of mind that comes from dealing with a financing company that specialises in agriculture.

SERVICE PLUS LONG LASTING CONFIDENCE

Service Plus coverage from Covéa Fleet provides owners of New Holland agricultural machinery with additional cover on the expiry of the manufacturer's contractual warranty. Please ask your dealer for more details.

Terms and conditions apply.



DEALER INSTALLED ACCESSORIES

New Holland is a global brand, but recognises that different local conditions mean varying needs. A comprehensive range of approved accessories to optimise machine performance in all conditions can be supplied and fitted by your dealer.

MODELS

CX8040 CX8050 CX8070 CX8080 CX8090

MODELS		CX8040	CX8050	CX8070	CX8080	CX8090
Grain header						
Cutting width: High-Capacity grain header	(m)	4.57 - 7.32	4.57 - 7.32	5.18 - 9.15	6.10 - 9.15	7.32 - 9.15
Extra-Capacity grain header	(m)	6.10 - 7.32	6.10 - 7.32	6.10 - 9.15	6.10 - 9.15	7.32 - 9.15
Varifeed™ grain header	(m)	5.18 - 7.32	5.18 - 7.62	5.18 - 7.62	6.10 - 10.67	7.62 - 10.67
Knife speed Standard / New Varifeed grain header	(cuts/min.)	1150 / 1300	1150 / 1300	1150 / 1300	1150 / 1300	1150 / 1300
Spare knife and spare bolted knife sections		●	●	●	●	●
Feeding auger with full-width retractable fingers		●	●	●	●	●
Reel diameter	(m)	1.07	1.07	1.07	1.07	1.07
Electro-hydraulic reel position adjustment		●	●	●	●	●
Automatic reel speed synchronisation to forward speed		●	●	●	●	●
Hydraulic quick coupler (single location)		●	●	●	●	●
Maize headers						
Number of rows: Flip-up maize headers		6	6 - 8	6 - 8	6 - 8	6 - 8
Number of rows: Rigid maize headers		6	6 - 8	6 - 8	6 - 12	6 - 12
Remotely adjusted deck-plates		●	●	●	●	●
Integrated stalk choppers		○	○	○	○	○
Rotary dividers		○	○	○	○	○
Automatic row guidance		○	○	○	○	○
Automatic header control systems						
Stubble height control		automatic	automatic	automatic	automatic	automatic
Compensation		●	●	●	●	●
Autofloat™ system		●	●	●	●	●
Straw elevator						
Number of chains		3	3	4	4	4
Header and elevator reverser		hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
Lateral flotation		●	●	●	●	●
Front face adjustment		○	○	○	○	○
Cab						
Air-suspension seat		●	●	●	●	●
Instructor's seat		●	●	●	●	●
IntelliView™ III monitor with adjustable position		●	●	●	●	●
Up to 3 Viewing Cameras		○	○	○	○	○
Automatic crop settings		●	●	●	●	●
Air-conditioning and coolbox		●	●	●	●	●
Automatic climate control		○	○	○	○	○
Heating		○	○	○	○	○
Integrated fridge		○	○	○	○	○
Optimum cab noise level - 77/31EEC	(dB(A))	73	73	73	75	74
Optimum seat vibration level - EN 1032	(m/s ²)	0.38	0.38	0.38	0.38	0.38
New Holland Precision Land Management systems						
Guidance systems						
SmartSteer™ automatic guidance system		○	○	○	○	○
IntelliSteer™ automatic guidance system		○	○	○	○	○
IntelliCruise™ system		○	○	○	○	○
Automatic row guidance system for maize headers		○	○	○	○	○
Precision farming						
Moisture measuring		○	○	○	○	○
Yield measuring and moisture measuring		○	○	○	○	○
Full Precision farming package including: Yield measuring and moisture measuring, DGPS yield mapping, PLM desktop software and software support service		○	○	○	○	○
Threshing drum						
Width	(m)	1.3	1.3	1.56	1.56	1.56
Diameter	(m)	0.75	0.75	0.75	0.75	0.75
Standard type / universal type		● / ○	● / ○	● / ○	● / ○	● / ○
Number of bars		10	10	10	10	10
Speed range	(rpm)	305 - 905	305 - 905	305 - 905	305 - 905	305 - 905
Drum concave						
Area	(m ²)	0.98	0.98	1.18	1.18	1.18
Number of bars		16	16	16	16	16
Wrap angle	(degrees)	111	111	111	111	111
Beater						
Eight paddle drum diameter	(m)	0.475	0.475	0.475	0.475	0.475
Beater concave area	(m ²)	0.24	0.24	0.29	0.29	0.29

MODELS

CX8040 CX8050 CX8070 CX8080 CX8090

Rotary separator						
Diameter	(m)	0.72	0.72	0.72	0.72	0.72
Speed	(rpm)	387 / 700	387 / 700	387 / 700	387 / 700	387 / 700
Quick speed change without tools		●	●	●	●	●
Concave area (including rake)	(m²)	0.78	0.78	0.93	0.93	0.93
Multi-Thresh™ system		●	●	●	●	●
Total powered separation area	(m²)	2.11	2.11	2.54	2.54	2.54
Straw Flow™ beater		●	●	●	●	●
Strawwalkers						
Number		5	5	6	6	6
Separation area	(m²)	4.94	4.94	5.93	5.93	5.93
Cleaning						
Self-levelling cleaning shoe		○	○	○	○	○
Grain pan removable from front		●	●	●	●	●
Pre-cleaning system		●	●	●	●	●
Total sieve area under wind control	(m²)	5.4	5.4	6.5	6.5	6.5
Remote control sieve setting		○	○	○	○	○
Cleaning fan						
Number of blades		6	6	6	6	6
Variable speed range - Optional Low	(rpm)	210 - 495	210 - 495	210 - 495	210 - 495	210 - 495
- Standard High	(rpm)	475 - 900	475 - 900	475 - 900	475 - 900	475 - 900
Electrical speed adjustment from the cab		●	●	●	●	●
Return system						
Roto-thresher™ system, number of rotors		1	1	2	2	2
Returns indication on IntelliView™ III monitor		●	●	●	●	●
Grain elevator						
High capacity grain elevator with heavy duty chain & flaps		●	●	●	●	●
Grain tank						
Capacity	(l)	9000	9000	9000	10500	10500
Central filling, folding bubble-up extension		●	●	●	●	●
Unloading auger						
Overtop unloading		●	●	●	●	●
Unloading speed	(l/s.)	110	110	110	110	110
Grain sample inspection door		●	●	●	●	●
Grain tank fill warning device		●	●	●	●	●
Unloading auger swivel reach	(degrees)	105	105	105	105	105
Engine* compliant with Tier 4 emission regulations						
Selective Catalytic Reduction (SCR) system		●	●	●	●	●
Injection system		common rail	common rail	common rail	common rail	unit injectors
Gross engine power @ 2100rpm - ISO 14396 - ECE R120	[kW/hp(CV)]	220/299	240/326	240/326	265/360	330/449
Maximum engine power @ 2000rpm - ISO 14396 - ECE R120	[kW/hp(CV)]	245/333	270/367	270/367	295/401	360/490
Governor type		electronic	electronic	electronic	electronic	electronic
Fuel consumption measuring and read-out on IntelliView™ III monitor		●	●	●	●	●
Air compressor		○	○	○	○	○
Engine rotary air screen blow off system		○	○	○	○	○
Fuel tank						
Diesel Capacity	(l)	750	750	750	1000	1000
AdBlue Capacity	(l)	120	120	120	120	120
Transmission						
Type		hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic
Gearbox		4-speed	4-speed	4-speed	4-speed	4-speed
Remote gearshifting		●	●	●	●	●
Differential lock		○	○	○	○	○
Powered rear wheels		○	○	○	○	○
Maximum speed	(kph)	30	30	30	30	30
Residue management						
Integrated straw chopper		○	○	○	○	○
Remote adjustable deflectors		○	○	○	○	○
Chaff blower		○	○	○	○	○
Chaff spreader (not available on CX8040/CX8050 fixed cleaning shoe models)		○	○	○	○	○
Dimensions						
With traction wheels (****)		710/75-R34	800/65-R32	710/75-R34	800/65-R32	900/60-R32
Maximum height in transport position	(m)	3.96	3.92	3.96	3.92	3.96
Maximum width - transport	(m)	3.2	3.5	3.5	3.7	3.9
Maximum length with extended unloading tube without header	(m)	9.07	9.07	9.07	9.07	9.07
Weight						
Standard version less header and less straw chopper	(kg)	12580	13000	13650	13830	14140

● Standard ○ Optional at extra cost – not available * Developed by FPT - Fiat Powertrain Technologies

**** Traction wheels other than those mentioned are also available, depending on the market (710/75-R34, 800/65-R32, 900/60-R32, 1050/50-R32)

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