



NEW HOLLAND CX8000

CX8030 | CX8040 | CX8050 | CX8060 | CX8070 | CX8080 | CX8090



CX - FUTURE ORIENTED WORLD LEADER

CONTINUOUS SUCCESS

New Holland CX combine harvesters are a land-mark in the history of harvesting systems. Their innovative technology tackles the challenges of changing farming practices and answers the calls for increased productivity. New Holland engineers used their incomparable experience along with sound analysis of what a combine owner really expects, to design the CX range. This, from its launch in 2001, has led to an extremely successful range with excellent performance, reliability and which has an outstanding resale value. Packed with a series of new features, CX combine harvesters are ready for even greater success.

INNOVATIVE FEATURES OPTIMISE THE HUGE POTENTIAL

Building on the proven New Holland CX concept, the range now shows characteristics that further optimise the potential of their advanced harvesting systems. High horse-power engines with modern injection technology, meet Tier III emission standards. "Agressive power-rise" characteristics ensure a sustained power supply even when working in the most demanding conditions. In the most spacious cab on the market, the CX operator is in full control of the harvesting process, thanks to the new IntelliView™ III monitor with its wide colour display and touch screen navigation. Innovative automatic guidance devices, such as the SmartSteer™ and IntelliSteer™ systems, further maximise field precision for added daily output. This is of added importance when cutting with the extremely successful Varifeed™ header, or the Extra Capacity headers that cope perfectly with heavy or long straw crops.



FROM ZEDELGEM!

Over 100 years ago, in 1906 Leon Claeys 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 CX 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.

A WELL BALANCED RANGE

The CX combine range – New Holland’s flagship conventional combines – are available in five and six- strawwalker versions. The engines of the new CX models have the highest horsepower ratings of any conventional combine range. Innovative engine design offers aggressive power rise characteristics. The maximum harvesting engine power ranges from 200kW [272hp(CV)] to 335kW [455hp(CV)]. For high levels of grain handling efficiency, grain tank capacity ranges from 7600 litres to 10500 litres.



	CX8030	CX8040	CX8050	CX8060	CX8070	CX8080	CX8090
Grain header width (m)	4.57 - 6.10	4.57 - 7.62	4.57 - 7.62	5.18 - 9.15	5.18 - 9.15	6.10 - 10.67	6.10 - 10.67
Engine power @ 2100rpm [kW/hp(CV)]	190/258	210/286	240/326	220/299	240/326	260/354	298/405
Max engine power @ 2000rpm [kW/hp(CV)]	200/272	234/318	268/364	245/333	268/364	290/394	335/455
Drum width / Diameter (m)	1.3 / 0.75	1.3 / 0.75	1.3 / 0.75	1.56 / 0.75	1.56 / 0.75	1.56 / 0.75	1.56 / 0.75
Number of Strawwalkers	5	5	5	6	6	6	6
Grain tank capacity (l)	7600	9000	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 of 500mm 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 12-ROW MAIZE HEADER

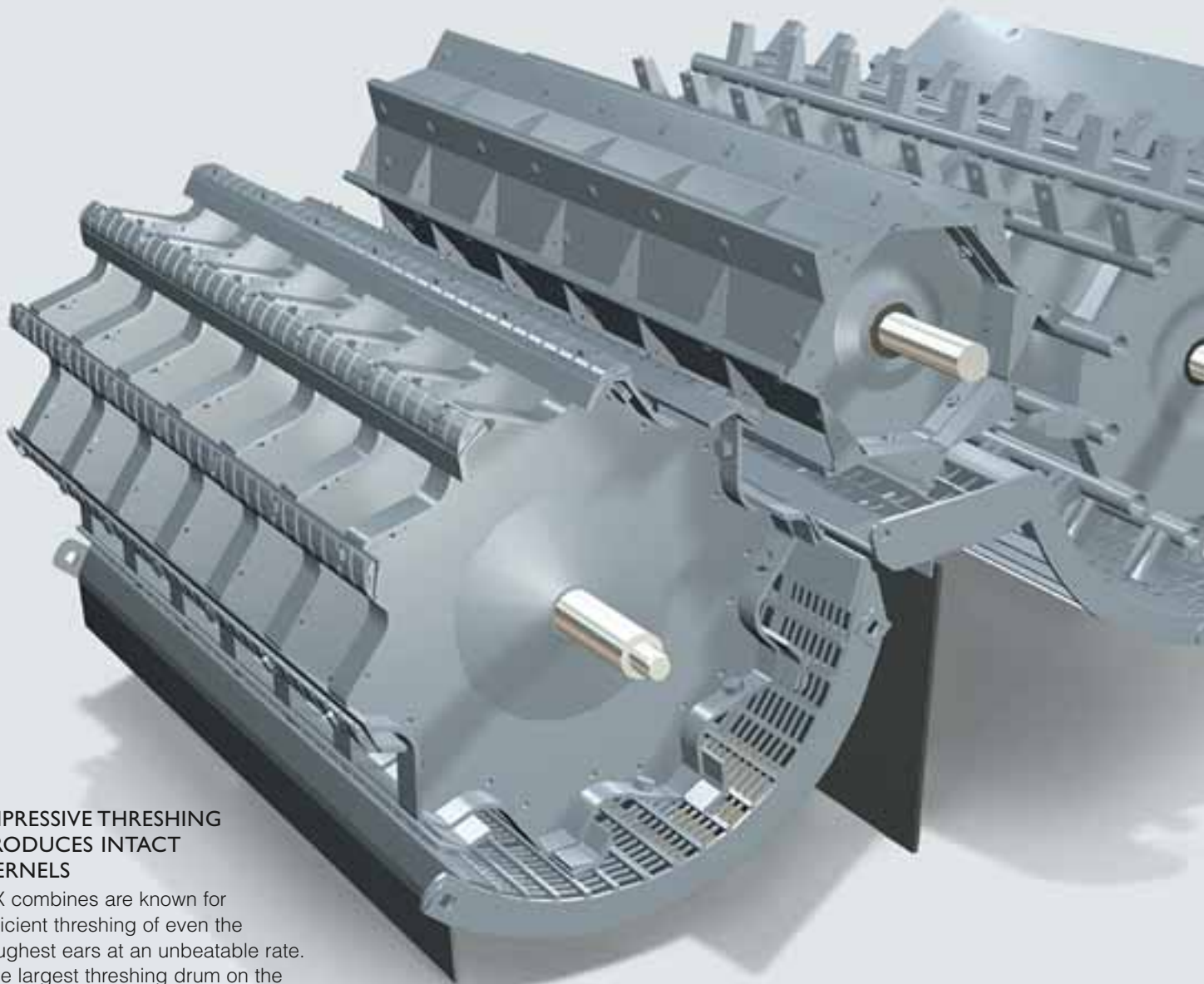
There is no better match than a New Holland maize header for the productive and reliable CX8000 combines. An 8-row flip header has proven to profit from essential characteristics like aggressive stalk rolls and cab-controlled deck-plate adjustment. To match the performance of the CX8000 combines, a wide 12-row maize header is now available. The rigid header benefits from all the proven features of the 8-row headers, including the best-in-class stalk chopper.

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

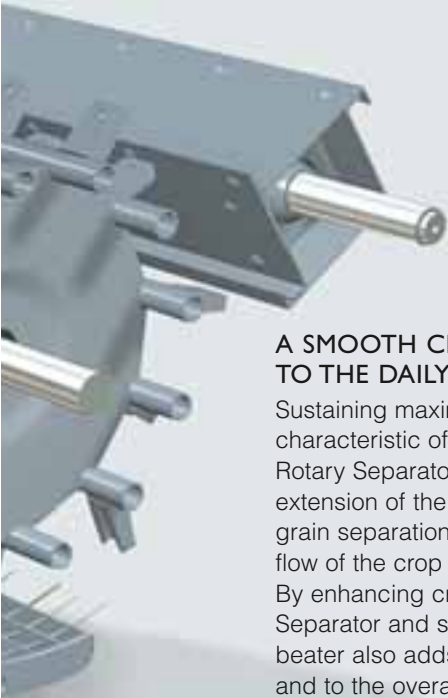
CX combines are known for efficient threshing of even the toughest ears at an unbeatable rate. The largest threshing drum on the market has a diameter of 75cm.

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

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. 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.

ALL RIGHT?

A top grade grain sample, in line with the CX's 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 monitoring systems.



TOP GRADE GRAIN SAMPLE

CLEAN KERNELS IN A STEADY FLOW, IN LINE WITH THE CX'S CAPACITY

The CX's 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 are adjustable and for increased productivity in specific crops, specialist and round-hole sieves are available. Remote sieve adjustment from the cab can be specified on all models. 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 CX 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 CX 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 CX's 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 CX's 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 CX combine's grain pan can be removed from the front in two sections.

HIGH VOLUME GRAIN MANAGEMENT



	CX8030	CX8040	CX8050	CX8060	CX8070	CX8080	CX8090
Grain tank capacity (l)	7600	9000	9000	9000	9000	10500	10500

HIGH LEVELS OF GRAIN HANDLING EFFICIENCY

CX 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 really large - from 7600 litres on the CX8030 to 10500 litres on the Model 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.



A SWIFT MANOEUVRE

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, CX combines provide the appropriate 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 CX 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 CX 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 chopper 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 CX 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 new straw hood has two four-position adjustable wind row rakes which allow the operator to control the swath width.



MASSIVE ENERGY TRANSLATES INTO HIGH CAPACITY

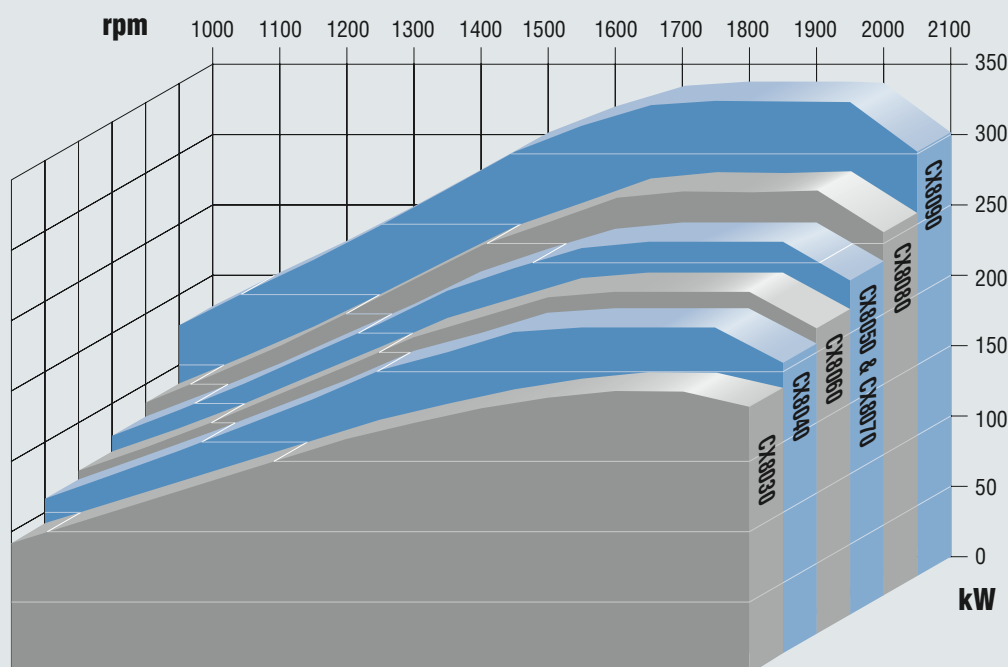
THE HIGHEST HORSEPOWER RATING TO GET THE MAXIMUM OUT OF THE CX

The CX8030 is fitted with a new and technologically advanced common rail, six-cylinder New Holland engine. On the larger models, higher horsepower FPT Cursor engines are fitted.

These powerful engines ensure a sustained power supply and maintain operational shaft speeds for threshing, separation and cleaning elements, even when working in the most demanding conditions.

The Tier III emissionised engines feature “aggressive power-rise” characteristics with full electronic control optimising the combustion process for higher power and torque delivery.

Power curves



	CX8030	CX8040	CX8050	CX8060	CX8070	CX8080	CX8090
Harvest power at 2000rpm [kW/hp(CV)]	200/272	234/318	268/364	245/333	268/364	290/394	335/455



PRECISE FUEL INJECTION INCREASES ECONOMY AND LOWERS NOISE LEVEL

The FPT Cursor 10 engine on the CX8090 features a fuel injection system with unitised injectors. This advanced diesel injection system integrates a high pressure pump and nozzle in a single assembly. The engines on the other models feature Common Rail technology based on high injection pressure, generated in an accumulator - the rail. Both unitised injection and the common rail technology use high injection pressure to produce a fine mist of fuel that burns better and cleaner in the combustion chamber. In addition to reduced exhaust emissions the advantages are better engine performance, less noise and low fuel consumption.



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 CX 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, CX 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.

POSITIVE LINK

The straw chopper drive can be connected when the threshing mechanism is disengaged. A simple connection is made by repositioning a PTO coupler. The chopper is then engaged together with the heavy-duty threshing mechanism.



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. Automatic climate control can be specified on the smaller models in the range but is standard on the CX8050, CX8080 and CX8090. 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 with the capacity to refrigerate any operator's lunch.



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 CX 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: INTELLIVIEW™ III MONITORS

Permanently operating with the right information is a prerequisite 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 certain 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 CX 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 SETUPS TO GAIN TIME

To reduce unproductive time and to simplify the combine setup when switching between crops or when working in varying crop conditions, CX 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

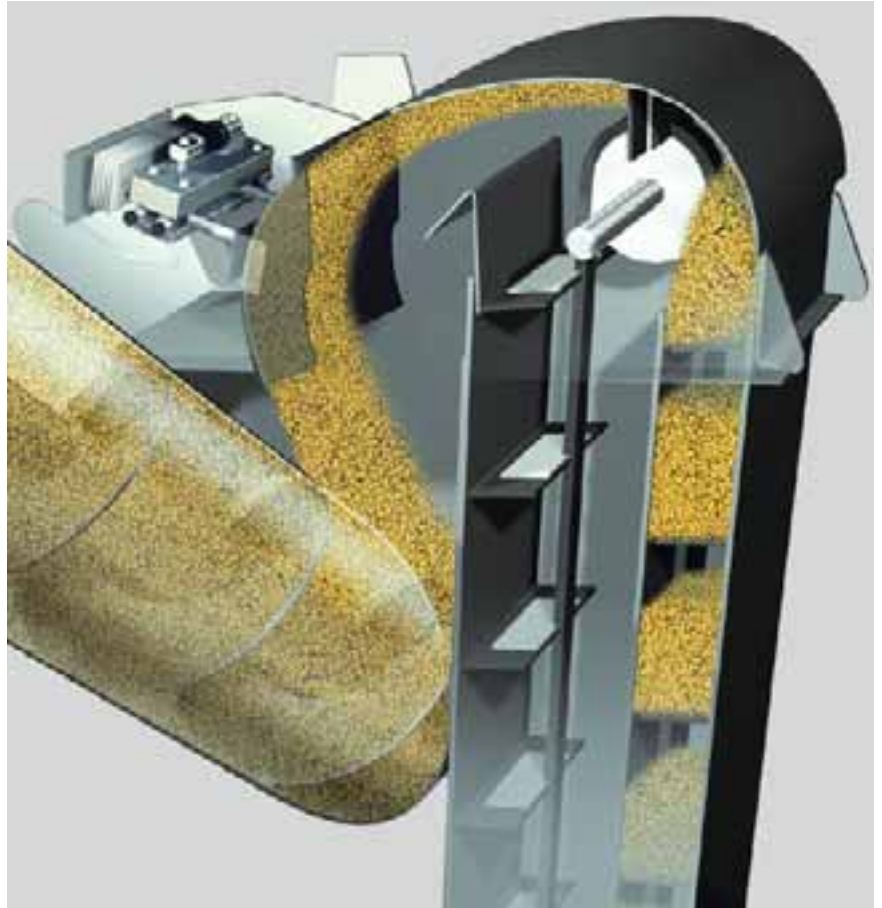
For stress-free operation the lay-out of the right hand console is logical, with the switches and buttons in the most convenient positions. The complete console can be adjusted to suit the operator's preference and it contains all the switches and controls to adjust and setup the combine. Electronically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



NEW HOLLAND PRECISION LAND MANAGEMENT SITE SPECIFIC FARMING

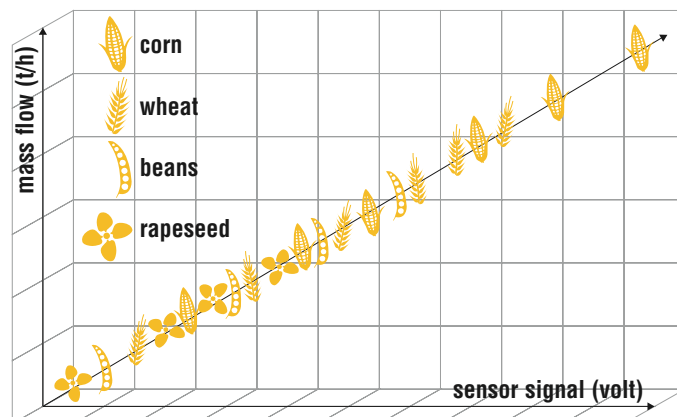
GETTING MORE FROM GROWING INPUTS

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.



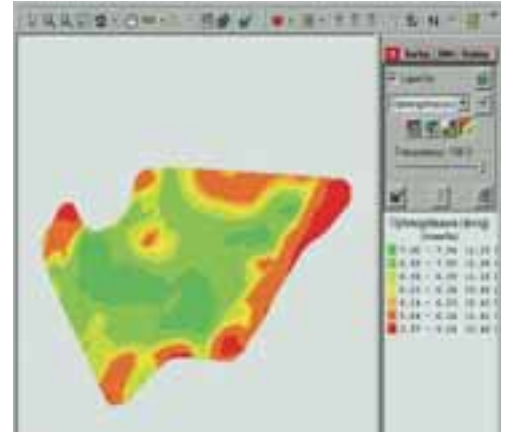
UP TO DATE INFORMATION TRANSFER

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



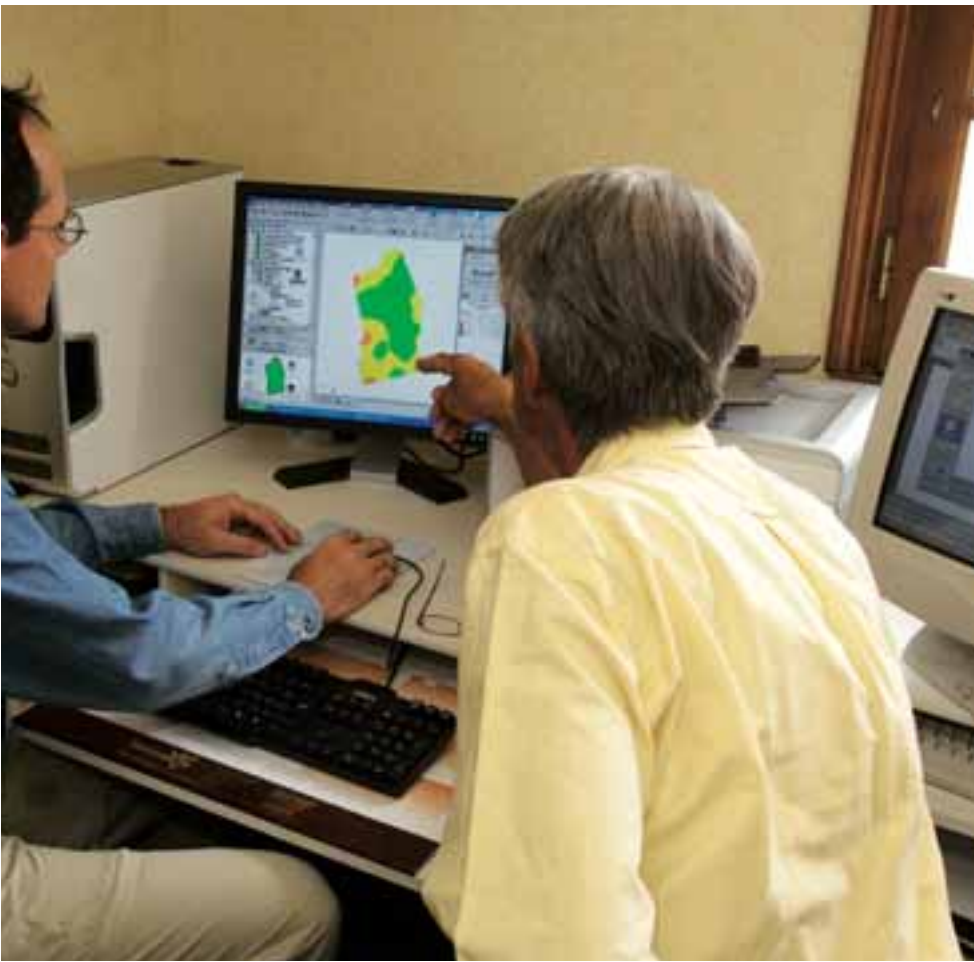
BACK-UP ADDS CONFIDENCE

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 free 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.

The full Precision Farming package is included in the IntelliSteer™ automatic steering system.

INCREASED 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 CX 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 guidance of the combine, but the operator stays in command and can resume full control whenever necessary.



LASER-BASED SMARTSTEER™ SYSTEM EASES THE DRIVING

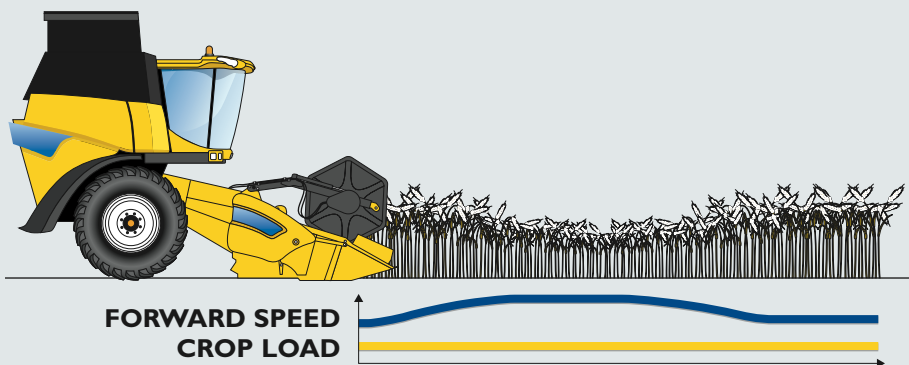
The New Holland SmartSteer™ Automatic guidance system uses a laser scanner mounted under the left hand side of the cab roof. It distinguishes between the cut and uncut crop to provide a signal for precise steering, so that the combine operator can concentrate on optimising the combine to maintain maximum 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 CX's 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, sensors on the straw elevator driveline permanently monitor 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

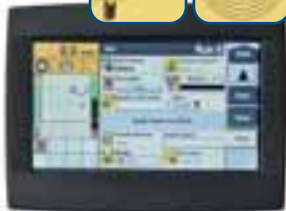
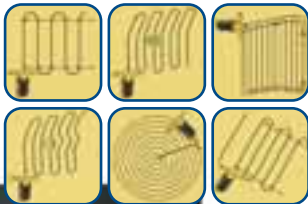
The CX8000 range can be specified with a fully integrated New Holland designed and developed IntelliSteer™ Automatic Steering System. Using DGPS or RTK Technology and fully integrated control systems the IntelliSteer™ system helps ensure parallel pass to pass accuracy of up to 1 – 2cm*. The IntelliSteer™ 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. These are:



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 hydraulic movements of the steering system.



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

CX8030 CX8040 CX8050 CX8060 CX8070 CX8080 CX8090

Grain header								
Cutting width: High-Capacity grain header (m)	4.57 - 6.10	4.57 - 7.32	4.57 - 7.32	5.18 - 9.15	5.18 - 9.15	6.10 - 9.15	6.10 - 9.15	6.10 - 9.15
Extra-Capacity grain header (m)	6.10	6.10 - 7.32	6.10 - 7.32	6.10 - 9.15	6.10 - 9.15	6.10 - 9.15	6.10 - 9.15	6.10 - 9.15
Varifeed™ grain header (m)	5.18 - 6.10	5.18 - 6.10	5.18 - 6.10	5.18 - 6.10	5.18 - 6.10	6.10	6.10	6.10
New Varifeed™ grain header (m)	–	–	7.62	7.62	7.62	7.62 - 10.67	7.62 - 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	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	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	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Number of rows: Rigid maize headers	6	6	6 - 8	6 - 8	6 - 8	6 - 12	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	automatic	automatic	automatic
Compensation	●	●	●	●	●	●	●	●
Autofloat™ system	●	●	●	●	●	●	●	●
Straw elevator								
Number of chains	3	3	3	4	4	4	4	4
Header and elevator reverser	hydraulic	hydraulic	hydraulic	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 Camera's	○	○	○	○	○	○	○	○
Automatic crop settings	●	●	●	●	●	●	●	●
Air-conditioning and coolbox	●	●	●	●	●	●	●	●
Automatic climate control	–	○	○	○	○	○	○	○
Heating	○	○	○	○	○	○	○	○
Integrated Fridge	–	○	○	○	○	○	○	○
New Holland Precision Land Management systems								
Guidance systems								
SmartSteer™ automatic guidance system	○	○	○	○	○	○	○	○
IntelliSteer™ automatic guidance system including the full Precision Farming package	○	○	○	○	○	○	○	○
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, desktop software and software support service	○	○	○	○	○	○	○	○
Threshing drum								
Width (m)	1.3	1.3	1.3	1.56	1.56	1.56	1.56	1.56
Diameter (m)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Standard Type / Universal Type	●/–	●/○	●/○	●/○	●/○	●/○	●/○	●/○
Number of bars	10	10	10	10	10	10	10	10
Speed range (rpm)	305 - 905	305 - 905	305 - 905	305 - 905	305 - 905	305 - 905	305 - 905	305 - 905
Drum concave								
Area (m²)	0.98	0.98	0.98	1.18	1.18	1.18	1.18	1.18
Number of bars	16	16	16	16	16	16	16	16
Wrap angle (degrees)	111	111	111	111	111	111	111	111
Beater								
Eight paddle drum diameter (m)	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475
Beater concave area (m²)	0.24	0.24	0.24	0.29	0.29	0.29	0.29	0.29

MODELS

CX8030 CX8040 CX8050 CX8060 CX8070 CX8080 CX8090

Rotary separator								
Diameter	(m)	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Speed	(rpm)	387 / 700	387 / 700	387 / 700	387 / 700	387 / 700	387 / 700	387 / 700
Quick speed change without tools		●	●	●	●	●	●	●
Concave area (including rake)	(m²)	0.78	0.78	0.78	0.93	0.93	0.93	0.93
Multi-Thresh™ system		●	●	●	●	●	●	●
Total powered separation area	(m²)	2.11	2.11	2.11	2.54	2.54	2.54	2.54
Straw Flow™ beater		●	●	●	●	●	●	●
Strawwalkers								
Number		5	5	5	6	6	6	6
Separation area	(m²)	4.94	4.94	4.94	5.93	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	5.4	6.5	6.5	6.5	6.5
Remote control sieve setting		○	○	○	○	○	○	○
Cleaning fan								
Number of blades		6	6	6	6	6	6	6
Variable speed range - Optional Low	(rpm)	210 - 495	210 - 495	210 - 495	210 - 495	210 - 495	210 - 495	210 - 495
- Standard High	(rpm)	475 - 900	475 - 900	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	1	2	2	2	2
Returns indication on IntelliView™ III monitor		●	●	●	●	●	●	●
Grain elevator								
High capacity grain elevator with heavy duty chain & flaps		●	●	●	●	●	●	●
Grain tank								
Capacity	(l)	7600	9000	9000	9000	9000	10500	10500
Central filling, folding bubble-up extension		●	●	●	●	●	●	●
Unloading auger								
Overtop unloading		●	●	●	●	●	●	●
Unloading speed	(l/s.)	110	110	110	110	110	110	110
Grain sample inspection door		●	●	●	●	●	●	●
Grain tank fill warning device		●	●	●	●	●	●	●
Unloading auger swivel reach	(degrees)	105	105	105	105	105	105	105
Engine								
Type*		New Holland NEF	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 10
Injection system		common rail	common rail	common rail	common rail	common rail	common rail	common rail
Gross engine power @ 2100rpm - ISO TR14396 - ECE R120	[kW/hp(CV)]	190/258	210/286	240/326	220/299	240/326	260/354	298/405
Maximum engine power @ 2000rpm - ISO TR14396 - ECE R120	[kW/hp(CV)]	200/272	234/318	268/364	245/333	268/364	290/394	335/455
Approved Bio Diesel Blend		B100**	B100**	B100**	B100**	B100**	B100**	B100**
Governor type		electronic	electronic	electronic	electronic	electronic	electronic	electronic
Fuel consumption measuring and read-out on IntelliView™ III monitor		●	●	●	●	●	●	●
Air compressor		○	○	○	○	○	○	○
Fuel tank								
Capacity	(l)	500	750	750	750	750	1000	1000
Transmission								
Type		hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic
Gearbox		4-speed	4-speed	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	30	30
Residue management								
Integrated straw chopper		○	○	○	○	○	○	○
Remote adjustable deflectors		-	○	○	○	○	○	○
Chaff blower		○	○	○	○	○	○	○
Chaff spreader		○	○	○	○	○	○	○
Dimensions								
With traction wheels (***)		620/75-R34	650/75-R32	710/75-R34	650/75-R32	710/75-R34	800/65-R32	900/60-R32
Maximum height in transport position	(m)	3.93	3.92	3.96	3.92	3.96	3.92	3.96
Maximum width - transport	(m)	3.0	3.2	3.3	3.3	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	9.07	9.07
Weight								
Standard version less header and less straw chopper	(kg)	12260	12450	12870	13300	13520	13700	14000

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

*** Traction wheels other than those mentioned are also available, depending on the market (620/75-R34, 650/75-R32, 710/75-R34, 800/65-R32, 900/60-R32, 1050/50-R32)

NEW HOLLAND TOP SERVICE: CUSTOMER SUPPORT AND CUSTOMER INFORMATION



TOP AVAILABILITY.
If you need information, or have an out of hours question, ring our toll-free number*. All day, every day, we are just a call away.

TOP SPEED.
Express parts delivery: when you need it, where you need it!

TOP PRIORITY.
Fast-track solution during the season: because your harvest can't wait!

TOP SATISFACTION.
We drive and track the solution you need, keeping you informed: until you are 100% satisfied!



TOP SERVICE

00800 64 111 111

* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call **01 2421881** and this will be charged at your standard network rate.

For more details, ask your New Holland dealer!



YOUR SUCCESS - OUR SPECIALTY

AT YOUR OWN DEALER

Visit our web site for UK: www.newholland.com/uk - for ROI: www.newholland.com/ie

The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. Bts Adv. - Printed in Italy - 07/09 - TP01 - (Turin) - 92000/INB