NEW HOLLAND AGRICULTURE

NEW HOLLAND CX5000 & CX6000 ELEVATION

CX5080 | CX5090 | CX6080 | CX6090

NEW CX5000 - CX6000 ELEVATION. ALL CROPS, ALL FARMS.

TOP LEVEL SHARED SOLUTIONS

The styling of the New Holland CX5000 and CX6000 Elevation combines bear a strong resemblance to the New Holland flagship combine range with which they share high output levels and outstanding performance. Professional users enjoy operating a harvester that is built for the years to come, thanks to the advanced technology and a high degree of automation.

EXCELLENT CAPACITY

New Holland CX5000 and CX6000 Elevation combines deliver outstanding field performance. The advanced threshing design and cleaning mechanism provides a superior throughput allowing impressive forward speeds and daily output. Overall cleaning capacity has been greatly enhanced thanks to the innovative Triple-Clean™ cascaded system, which can provide a 15% increase in performance across the cleaning shoe.

BEST-IN-CLASS VERSATILITY

Crop-to-crop flexibility has never been better thanks to New Holland's advanced concave design furthermore, an easy to use choice of crop-specific settings fine tune a CX Elevation combine for optimum performance in any crop or crop condition. A wide choice of grain headers and row crop attachments ensure maximum combine versatility.

GREAT HARVEST QUALITY

A clean, un-damaged grain sample and straw quality in line with customer requirements are guaranteed by effortlessly fine tuning the combine's many settings.

EASE OF OPERATION

Simple automation of all basic combine functions adds to the operator's peace of mind. The overall comfort of the Discovery™ III cab enhances operator alertness while reducing the need for excessive concentration during the longest working days.

Basic models		**CX5080 Elevation**	**CX5090 Elevation**	**CX6080 Elevation**	**CX6090 Elevation**
Grain header width	(m)	4.57 - 7.62	4.57 - 7.62	4.57 - 9.15	4.57 - 9.15
Engine power @ 2100rpm	[kW/hp(CV)]	175/238	200/272	200/272	220/300
Max engine power @ 2000rpm	[kW/hp(CV)]	190/258	220/300	220/300	245/333
Drum width / Diameter	(m)	1.3 / 0.60	1.3 / 0.60	1.56 / 0.60	1.56 / 0.60
Number of strawwalkers		5	5	6	6
Graintank capacity / Hillside version	(l)	8300	8300	9300	9300

A HISTORY OF MODERN COMBINING BY NEW HOLLAND

BUILT IN ZEDELGEM

The midrange CX5000 and CX6000 Elevation models are built in Zedelgem, Belgium, home to New Holland's Centre of Global Harvesting Excellence. It was here, over 100 years ago, that Leon Claeys built his very first threshing machine that revolutionised the way farmers harvested. Zedelgem is synonymous with harvesting firsts, in 1952 it produced the first European self-propelled combine harvester. Today, yellow blooded engineers are committed to developing the next generation of harvesting products. The sophisticated product development process and the extensive knowledge of a dedicated workforce of a World Class Manufacturing facility ensure the CX5000 and CX6000 Elevation range, together with all flagship harvesting products, the CR Twin Rotor™ combine, BigBaler large square balers and FR forage harvester, continues to set the benchmark in harvesting.

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

1955: In the early days of self-propelled combining, farmers needed small units, and the M73 satisfied their requirements, with a threshing drum of just 73cm. The only ever combine with a sub one metre drum.

1958: The M103 set new productivity records, with throughout of up to 7 tonnes per hour. Another impressive number: 27,510 M103s rolled off the production line in just under a decade.

1963: M140 was the first 'modern' combine. Operator comfort and grain tank size were of prime importance. In order to increase productivity it was the first model with a 1.25m diameter drum and boasted five strawwalkers.

1970: Another harvesting revolution occurred: the advent of the rotary separator on the 1550 range. Forty years on, this technology is still used in flagship conventional combines today.

1977: 8000 series was the first to benefit from six strawwalker technology. Cab comfort, a reversible auger drive, Roto-Thresher™ for processing trailings and a double cascade cleaning shoe significantly upped the performance stakes.

1986: The TX30 range was designed for professional harvesting operations. Outstanding visibility was coupled with improved harvesting autonomy and intuitive monitors for outstanding harvesting performance.

1994: The TX60 developed up to 325hp(CV) and could be equipped with a mighty 9.15 metre header with lateral float technology.

2003: The CS range was aimed at mid sized farms who needed a machine that delivered productivity and reliability. Innovations such as Varifeed™ headers and Smart Sieve™ ensured high daily work rates were maintained. Fresh styling and a new modern ergonomic Discovery Cab heralded a new breed of midrange combine. Suspended on rubber isolation blocks, cab comfort and advanced controls set it apart from the competition.

2006: The CSX Series combines built on the strong reputation gained by their predecessors, new Tier 3 engines with power increased to 333hp on the largest six strawwalker models, larger grain tanks, four-drum technology with Straw Flow™ beater and the introduction of the IntelliView™ II colour monitor.

2011: The CX5000 & CX6000 models gained new modern styling in line with the rest of the combine family. Larger grain tanks, over the top unloading tube, ECOBlue™ SCR technology, Opti-Fan™ and greater crop to crop flexibility thanks to the sectional concaves. In addition, cab updates included the CommandGrip™ multifunction handle, and IntelliView™ III touchscreen.

2015: CX5000 & CX6000 Elevation combines with 15% increased cleaning capacity thanks to the Triple-Clean™ cascaded system, improved residue management, larger rear tyres, larger grain tanks and larger IntelliView™ IV monitor.

2015 THE HISTORY OF SUCCESS CONTINUES!

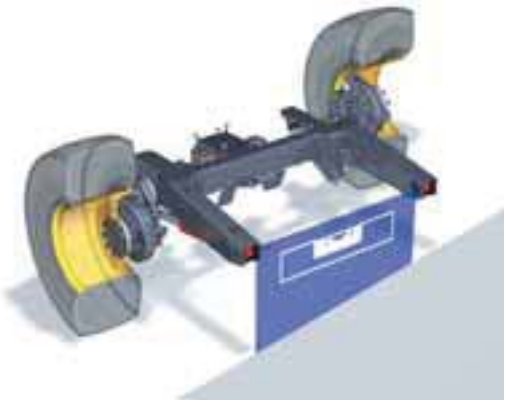
A COMBINE FOR EVERY FIELD

MATCHING YOUR OPERATION

There is always a CX Elevation model that fits your operation. There are two CX5000 Elevation models with five straw walkers and two CX6000 models with six straw walkers. All feature a 60cm drum diameter and can be specified with 2-drum or 4-drum threshing technology. Power is supplied by Tier 4A compliant common rail engines offering maximum power of between 258hp(CV) and 333hp(CV). The standard Smart Sieve™ system eliminates the effect of side slopes of up to 25% on both sides and the standard Opti-Fan™ system adjusts fan speed in line with the fore-aft inclination of the combine. High-Capacity and Varifeed™ grain headers up to 9.15m are available as well as five, six and eight-row maize headers.

"LATERALE" VERSION MAINTAINS CAPACITY ON STEEP SLOPES

For sustained performance in hilly conditions, CX5090 Elevation and CX6090 Elevation models are available in a "Laterale" version. A simple and robust automatic levelling system provides a transverse slope correction of up to 18% both sides. An even grainpan distribution for optimum cleaning efficiency and superb gradability and traction ensure genuine CX Elevation performance during long working days.



LATERALE MODELS		CX5090 Elevation	CX6090 Elevation
Engine power @ 2100rpm	[kW/hp(CV)]	200/272	220/300
Max engine power @ 2000rpm	[kW/hp(CV)]	220/300	245/333
Correction across the slope	(%)	18	18
Number of strawwalkers		5	6
Graintank capacity	(l)	8300	9300

HILLSIDE HARVESTING, THE RIGHT WAY

For a combine operation in severe hillside conditions New Holland offers the Model CX5090 Elevation Hillside. Efficient operation of the separation and cleaning systems is ensured by two independent hydraulic systems: one for lateral slope correction and one for levelling the longitudinal axis. Safety and field efficiency are increased as the traction wheels remain vertical at all times. A powerful engine producing a maximum power of 300hp(CV), a heavy-duty hydrostatic transmission and the large disc brakes ensure optimum performance and safety in the field. Hillside combines are also available in a narrow version with a maximum overall width of 3.5m.

HILLSIDE VERSIONS	Across the slope	Uphill	Downhill
Degree of correction: (%)	**38**	**30**	**10**

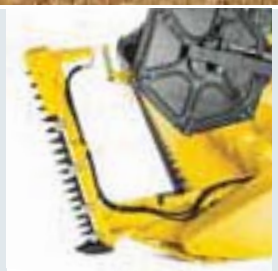
A PERFECT START

HIGH-CAPACITY GRAIN HEADERS KEEP THE CX ELEVATION GOING

A smooth crop flow from the very beginning: the large diameter reel, with easy reel adjustments, the aggressive knife action and the retractable fingers over the full intake auger width, ensure consistent crop feeding right from the start. No valuable time is wasted with the quick header coupling system and the trouble-free clearing of blockages.

OPERATOR PEACE OF MIND

Automatic Header Height Control allows a choice between stubble height control or automatic pressure compensation and ensures correct header behaviour in normal working conditions.
The Lateralfloat system takes care of correct transversal header positioning in uneven fields and for increased operator convenience, with the Autofloat™ II system, this is operated automatically.



SAVING VALUABLE SEED

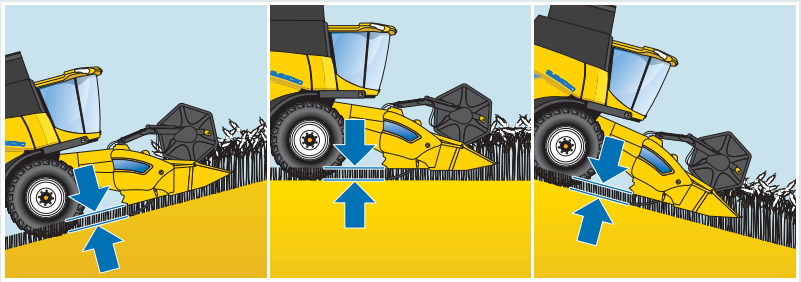
Even when harvested at the optimum stage of maturity, the tangled stems and pods of rapeseed will inevitably incur shatter loss. A purposely developed vertical knife prevents the aggressive pulling apart of the crop and reduces pod shatter and seed loss to a minimum. When not required they can be stored conveniently on the header frame.

HEAVY-DUTY VARIFEED™ GRAIN HEADERS ADAPT TO THE CROP

To work with the optimum header configuration in any particular crop, the knife position on the Varifeed™ grain header is adjustable. The fore-aft adjustment of 575mm allows ideal knife positioning and ensures top cutting efficiency and correct feeding whatever the circumstances. This electro-hydraulic adjustment is made from the cab and the header bottom is closed in all knife positions.

Grain headers		**CX5080 Elevation**	**CX5090 Elevation**	**CX6080 Elevation**	**CX6090 Elevation**
Cutting width High-Capacity grain header**	(m)	4.57 - 7.32	4.57 - 7.32**	4.57 - 9.15	4.57 - 9.15
Cutting width Heavy-Duty Varifeed™ grain header**	(m)	4.88 - 7.62	4.88 - 7.62**	4.88 - 9.15	4.88 - 9.15
Cutting width High-Capacity Hillside grain header	(m)	–	4.57 - 6.10	–	–

** Not available on Hillside version – Not available



For maximum header positioning accuracy in rolling conditions, the optional Autofloat™ II system corrects the “exaggerated weight signal”. This feature avoids header bulldozing when working downhill and maintains correct stubble height when working uphill.

A PERFECT MATCH

MAIZE HEADER PERFORMANCE IN LINE WITH CX PRODUCTIVITY

Five, six and eight-row high performance New Holland headers are part of the offering for a professional maize operation.
Both the rigid, or where road transport is an issue, the flip-up versions are designed for top harvesting performance in varying crop conditions. The stalk rolls have 4 knives for aggressive pulling down of any size of stalk and the deck-plates are electrically adjustable from the cab, to adapt to changing stalk and cob size. Optional rotary dividers add to the smooth crop intake in fallen maize crops.

Maize headers		CX5080 Elevation	CX5090 Elevation	CX6080 Elevation	CX6090 Elevation
Flip-up maize headers	(number of rows)	6 - 8*	6** - 8*	6	6** - 8**
Rigid maize headers	(number of rows)	5 - 6 - 8*	5** - 6 - 8*	6 - 8	6 - 8

* only in combination with specific tyre size and on flat field conditions ** Not available on Hillside version – Not available

BEST-IN-CLASS CHOPPING

For fine chopping and superb spreading of the chopped material integrated stalk choppers can be fitted. Maximum flexibility is ensured by the individual row engagement. Users of New Holland maize headers and their integrated stalk choppers confirm that they are “the best-in-class”.

FULLY ADAPTING TO THE MAIZE CROP

Efficient threshing of maize and beans requires low drum rpm. The optional drum speed reducer allows working with appropriate settings, adding to the combine’s versatility.

FIT FOR OPERATING IN ROLLING FIELDS

Operating New Holland maize headers in rolling or even hilly field conditions is no problem. When mounted on the “Laterale” models, there is a special drive-line to cope with the shifting header position.

STALK STOMPER TYRE PROTECTION

An optional Stalk Stomper kit is now available for fixed or flip-up maize headers to reduce tyre wear when harvesting. Mounted on the header frame, the spring loaded Stalk Stomper skids flatten the stubble in front of the wheels, greatly reducing the likelihood of punctures or uneven wear.

ROW GUIDANCE BOOSTS FIELD PERFORMANCE

Long working days demand high operator concentration. Digital sensors on the optional Automatic Row Guidance system continuously monitor the combine’s position and keep it on track for accurate harvesting. On top of reducing operator fatigue the Automatic Row Guidance system reduces cob losses.

ENHANCED FEEDING FOR MORE EFFICIENT HARVESTING

The CX5000 & CX6000 Elevation's feeding system features four chains with connecting slats for improved, continuous crop flow. From the Varifeed™ header through the elevator to the drum, a continuous crop flow is produced. This ensures bunching of crop in difficult conditions is greatly reduced, for more efficient throughput.

NON-STOP STONE PROTECTION

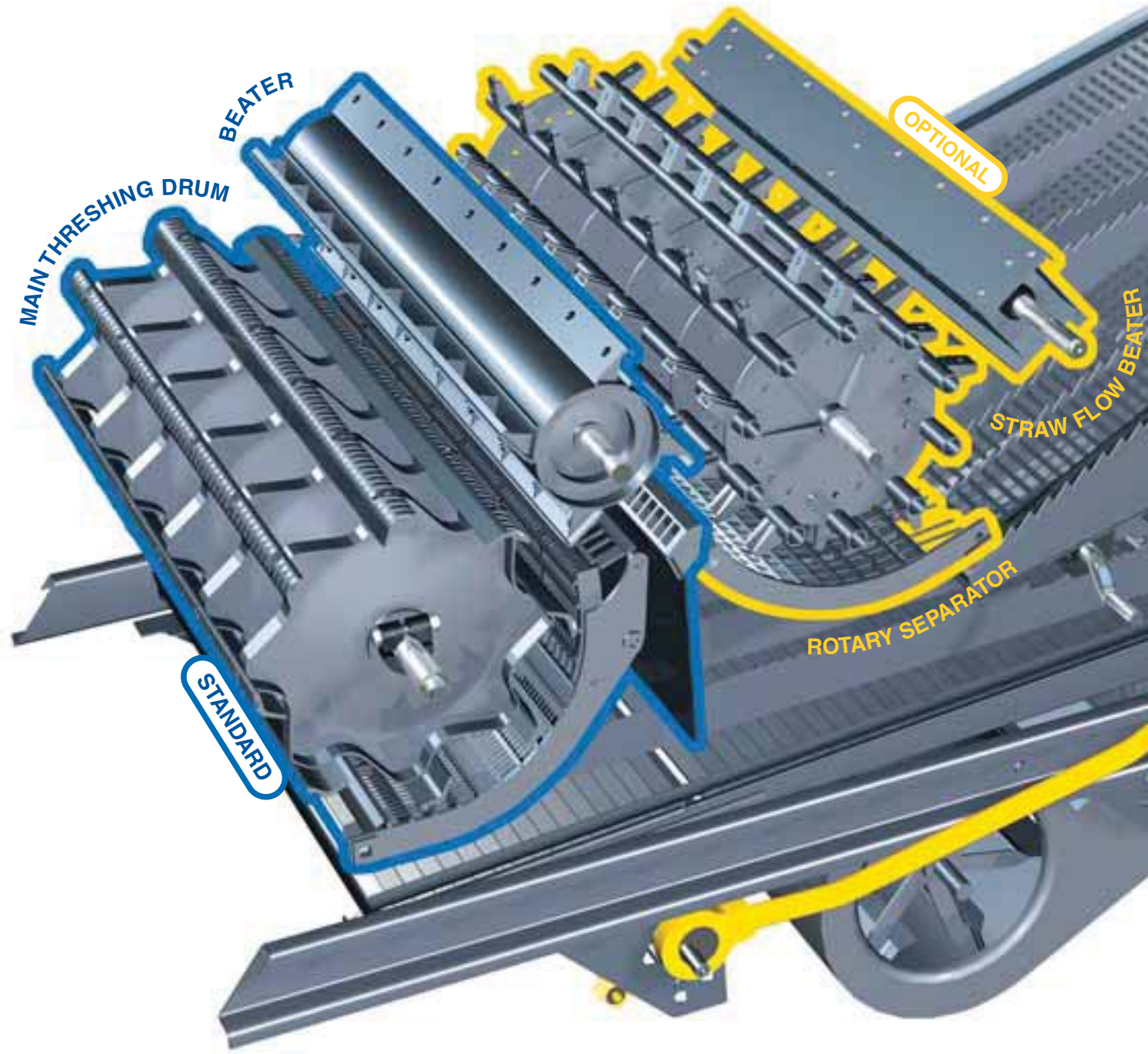
The effective stone protection system simply knocks the stones into a dedicated trap before they reach the threshing drum. This on-the-go system means zero slowdown during intensive harvesting days. This system protects the combine and ensures crop purity. The trap can be easily emptied using an easy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

UNBLOCKING IN A MATTER OF SECONDS

Header blockages are instantly cleared by the hydraulic reversing system. The entire header and elevator can be 'rocked' backwards and forwards to effectively unblock the machine for minimum downtime and maximum harvesting uptime.

FOUR-DRUM THRESHING AND SEPARATION INCREASES

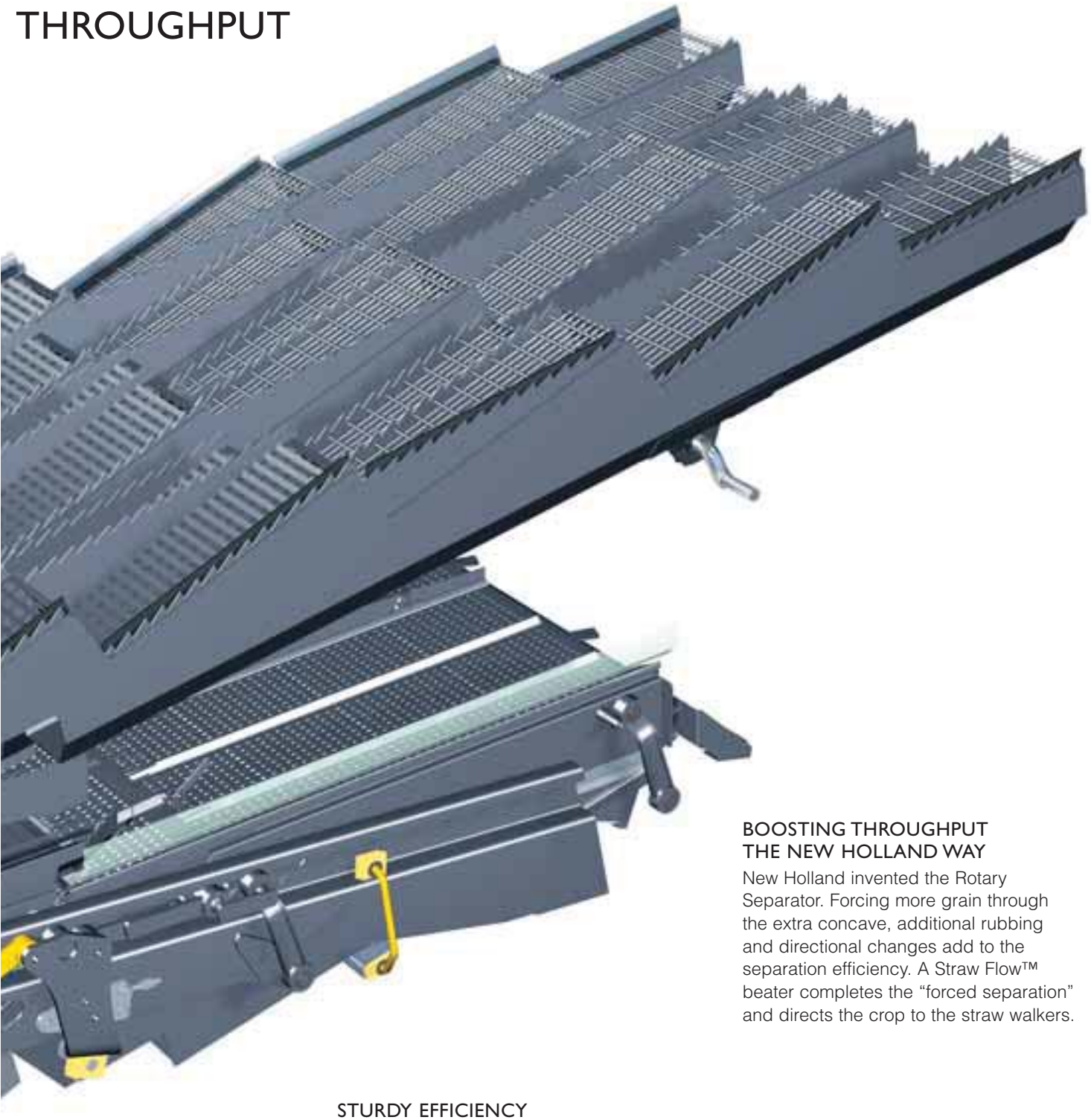
New Holland CX5000 and CX6000 Elevation combine models benefit from four-drum technology: threshing drum with Opti-Thresh™ system, beater, Rotary Separator, and Straw Flow™ beater. Extremely versatile, the system can be adapted to suit a wide variety of crops and different harvesting conditions with no compromise in kernel quality, straw quality or throughput.



IMPRESSIVE THRESHING PRODUCES INTACT KERNELS

The rubbing action created by the 60cm diameter drum gently but firmly releases all grain kernels from the ears in even the thickest crop layer. With a wrap angle of up to 121 degrees the concave rubbing area is just huge. Drum speed adjustment and fine concave setting are cab-controlled.

THROUGHPUT



BOOSTING THROUGHPUT THE NEW HOLLAND WAY

New Holland invented the Rotary Separator. Forcing more grain through the extra concave, additional rubbing and directional changes add to the separation efficiency. A Straw Flow™ beater completes the “forced separation” and directs the crop to the straw walkers.

STURDY EFFICIENCY

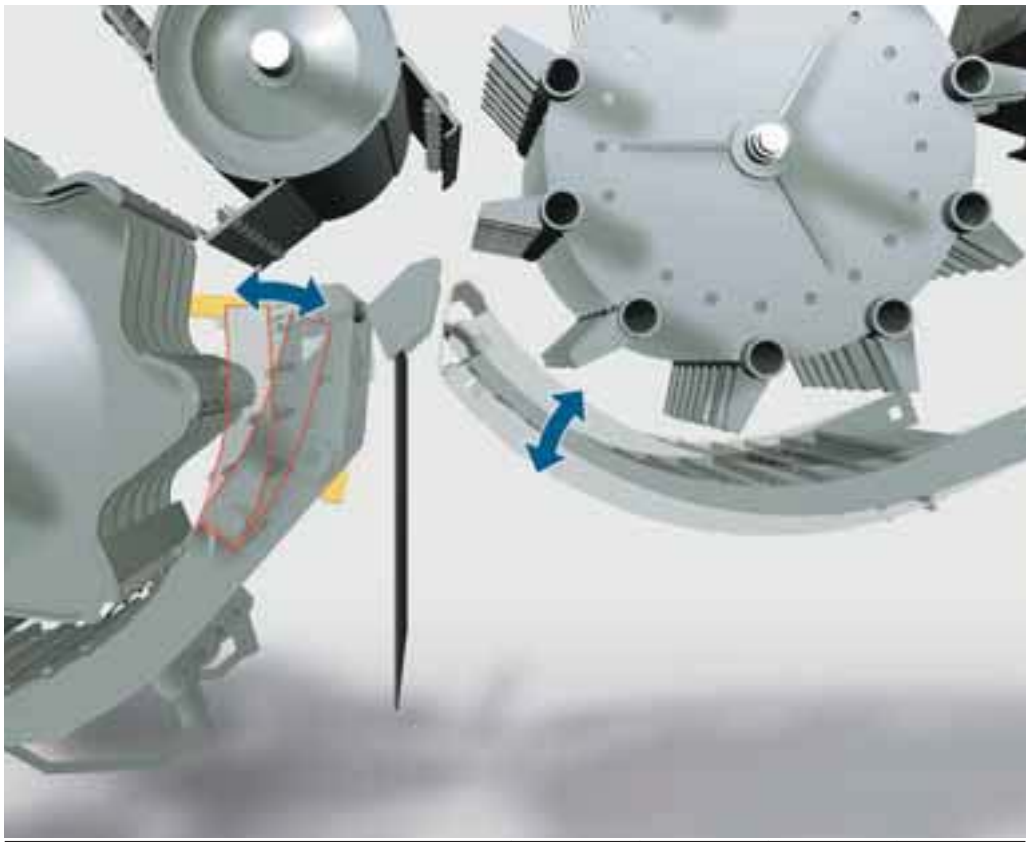
Final separation of any grain remaining after the intense forced separation by the four-drum technology is taken care of by the straw walkers. Their closed bottom design adds strength and life-long reliability and ensures even delivery of separated grain to the grain pan when working on side slopes.

QUICK AND EASY ADAPTATION TO ALL CROPS

Adding to their extreme versatility, New Holland CX5000 and CX6000 Elevation combine models have an ingenious package of adaptation possibilities that ensure outstanding performance in any number of crops and crop conditions. These avoid the need for compromise on grain or straw quality. The ease of adapting the machine from one crop to another is outstanding.

RUBBING ON DEMAND: THE OPTI-THRESH™ SYSTEM

Adapting to grain maturity and yield can be done with the Opti-Thresh™ system by repositioning the rear part of the concave. When closed the concave offers a full 121 degree angle of wrap. When the hinged top section is moved away from the drum, the rubbing action is less aggressive and the straw quality is improved. Changing the position of the Opti-Thresh™ concave section is achieved by moving a single handle, making it more convienient to use.



Four drum technology	CX5080 Elevation	CX5090 Elevation	CX6080 Elevation	CX6090 Elevation
Opti-Thresh™ system	●	●	●	●
Multi-Thresh™ system	O	O	O	O
Rotary Separator with Straw Flow™ beater	O	O	O	O
Full adjustability	●	●	●	●

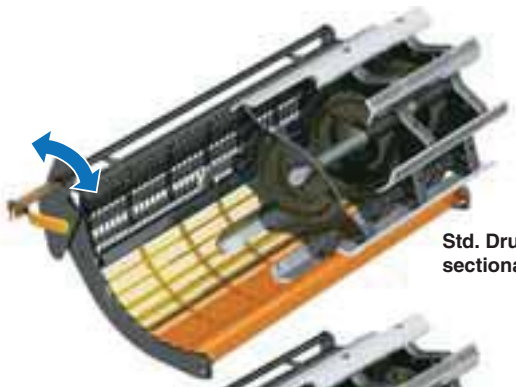
● Standard O Optional

ULTIMATE PERFORMANCE THANKS TO THE MULTI-THRESH™ SYSTEM

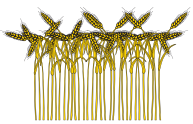
Different cereal varieties or varying degrees of crop moisture can be addressed thanks to the Multi-Thresh™ system with two positions of the Rotary Separator concave. This adjustment in addition to the twin Rotary Separator speed range allows crop conditions to be perfectly matched.

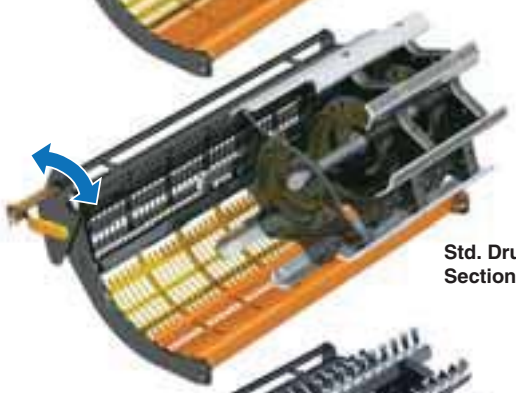
STANDARD SECTIONAL CONCAVE: EASY TO MANAGE, QUICK TO CHANGE

Reducing the rebuilding time from 6 hours to 20 minutes!
When switching from one crop to another, without removing the straw elevator, the following concave sections can be replaced:

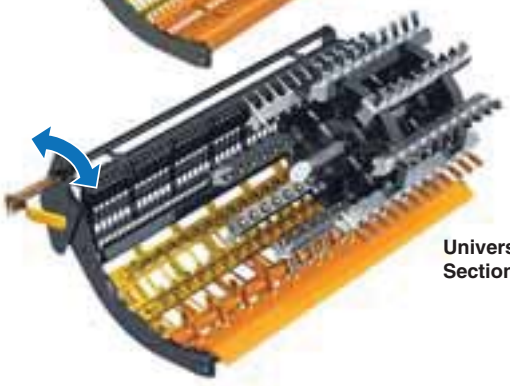


Std. Drum & Small grain sectional concave

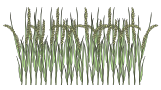




Std. Drum & Std Maize Sectional concave



Universal Drum & Rice Sectional concave



SWITCHING FROM CEREALS TO RICE: THE UNIVERSAL DRUM

There is no need for a complete drum replacement when changing from cereals to rice, or vice versa: the slats on the universal drum can be replaced in no time.

EASY ADJUSTMENTS

The handles for changing the position of the Opti-Thresh™ top concave section or the Multi-Thresh™ Rotary Separator concave are e accessible on the right hand side of the combine. Also the drive belt tensioner, for changing the Rotary Separator speed, is easily reached.

A STEADY FLOW OF CLEAN GRAIN

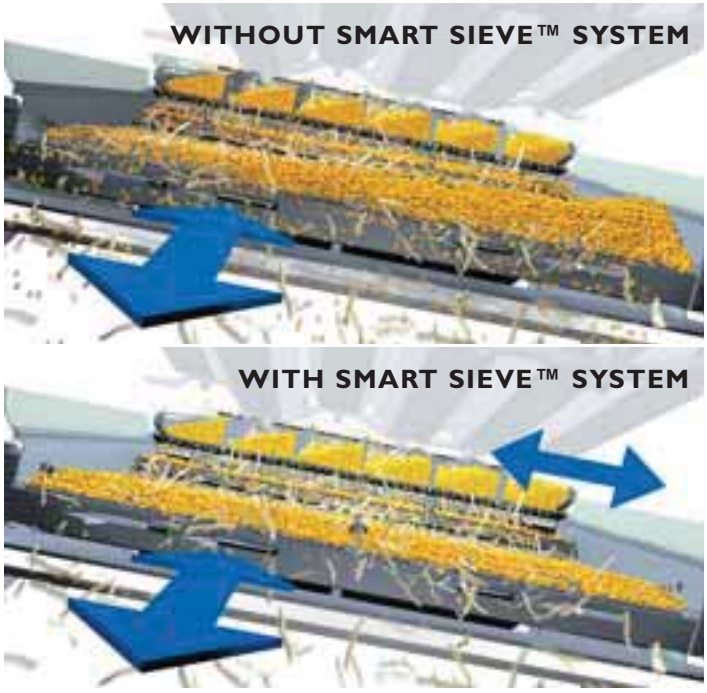
The cleaning efficiency of the New Holland CX5000 and CX6000 Elevation combine models matches their high threshing and separation capacity. Large adjustable sieves, moving in opposite directions, and a powerful fan delivering an even distribution of air, are complemented by ingenuous extra features: the Triple-Clean™ cascaded cleaning system, the Smart Sieve™ concept that virtually eliminates side slope effects and the award-winning Opti-Fan™ system that adapts the air flow to the longitudinal slope of the combine.

AE50 outstanding innovations

AGRI TECHNICA INNOVATION 2009

SMART SIEVE™: NEUTRALISING THE EFFECT OF SIDE SLOPES UP TO 25% BOTH SIDES

The standard Smart Sieve™ system creates a lateral sieve movement directing the grain kernels uphill. An even layer of kernels and an even air-flow over the full width of the sieves maintain maximum cleaning efficiency.

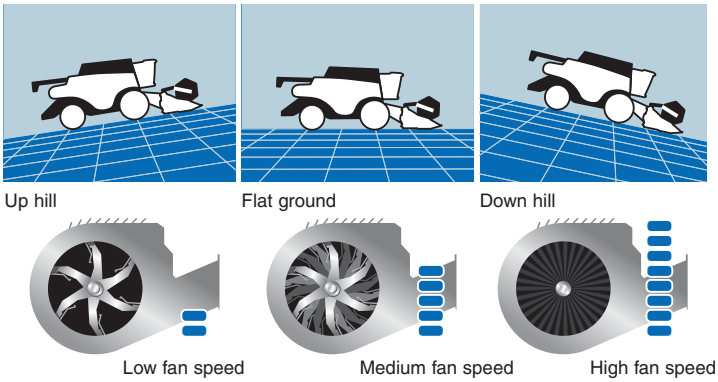


REALLY SMART: NO RADIAL SWING ON FLAT FIELDS

The ingenious system that controls the lateral sieve movement is governed by the degree of the slope. To avoid unwanted radial swing/movement it incorporates a linkage to the sieves' pivot arm. This patented concept neutralises the radial swing and provides perfectly balanced sieve dynamics.

EVEN SMARTER: AUTOMATIC KERNEL SIZE ADAPTATION

The lateral sieve movement is determined not only by the degree of the slope: the fan speed, which is adjusted according to the kernel size is also taken into account to determine the optimal throwing angle.



DEALING WITH LONGITUDINAL SLOPES: THE OPTI-FAN™ SYSTEM BLOWING PRECISION

The award-winning Opti-Fan™ system consists of a simple yet very effective way of correcting fluctuations in the speed of grain flow across the cleaning shoe. Whether working up-hill or down-hill, the fan speed automatically adapts to the direction and to the degree of the slope.

TRIPLE-CLEAN™ CASCADED CLEANING SYSTEM

The new Triple-Clean™ cascaded cleaning system, available as standard on both five and six strawwalker models, boosts cleaning capacity by as much as 15%. This simple yet innovative feature enhances cleaning by means of an extra cascade in the center of the grain pan, where an additional air blast removes large volumes of chaff and short straw ahead of the main sieves. This triple cascade approach ensures cleaning is not compromised when overall machine capacity is being optimized. Further capacity improvements can be found thanks to the new double flight cross auger which transfers grain to the elevator faster and can result in a 10% increase in throughput of the grain elevator system on 6 strawwalker models.

LED LIGHT

Available as standard, the new LED light aids the operator when inspecting the cleaning shoe, day and night.

FINGERTIP CONTROL

For maximum cleaning efficiency in varying crop conditions, adjusting the sieves can be done from the cab.

EASY GRAINPAN REMOVAL

Maintaining the aggressiveness of the grain pan steps in difficult crops like rape seed or maize may require regular cleaning. The CX Elevation combine's grain pan can be removed from the front.

HIGH VOLUME GRAIN MANAGEMENT

Long productive days are achieved with the high grain tank capacity, matched with fast unloading speeds.

BIGGER GRAIN TANKS AND FAST UNLOADING

High unloading rates reduce time loss to the minimum. Unloading into even the highest type of grain trailer is easy with the over-top unloading system. The unobstructed view of the unloading auger allows smooth and uninterrupted harvesting while unloading. The smaller CX5000 and CX6000 Elevation models have gained considerably larger grain tank capacity to allow for increased field autonomy.

Basic models		**CX5080 Elevation**	**CX5090 Elevation**	**CX6080 Elevation**	**CX6090 Elevation**
Graintank capacity / Hillside version	(l)	8300	8300	9300	9300

SPACIOUS STORAGE, COMPLETE FILLING

Complete use of the spacious tank is ensured by the powerful bubble up filling system.

A PROFESSIONAL WAY TO DEAL WITH CHAFF AND STRAW

High quality straw, ideal for baling is the result of the wide range of adjustment possibilities. In situations where the straw is chopped, the correct management of residue is important, especially where reduced tillage methods are practiced.

HIGH QUALITY BALES WITH GOOD BEDDING CHARACTERISTICS

The unbroken straw found in the swath of a CX5000 or CX6000 Elevation combine is the result of the low aggressiveness of the threshing. The new straw hood has adjustable rakes which allow control of the swath width.

THREE-WAY RESIDUE MANAGEMENT: IN THE SWATH OR ON THE STUBBLE

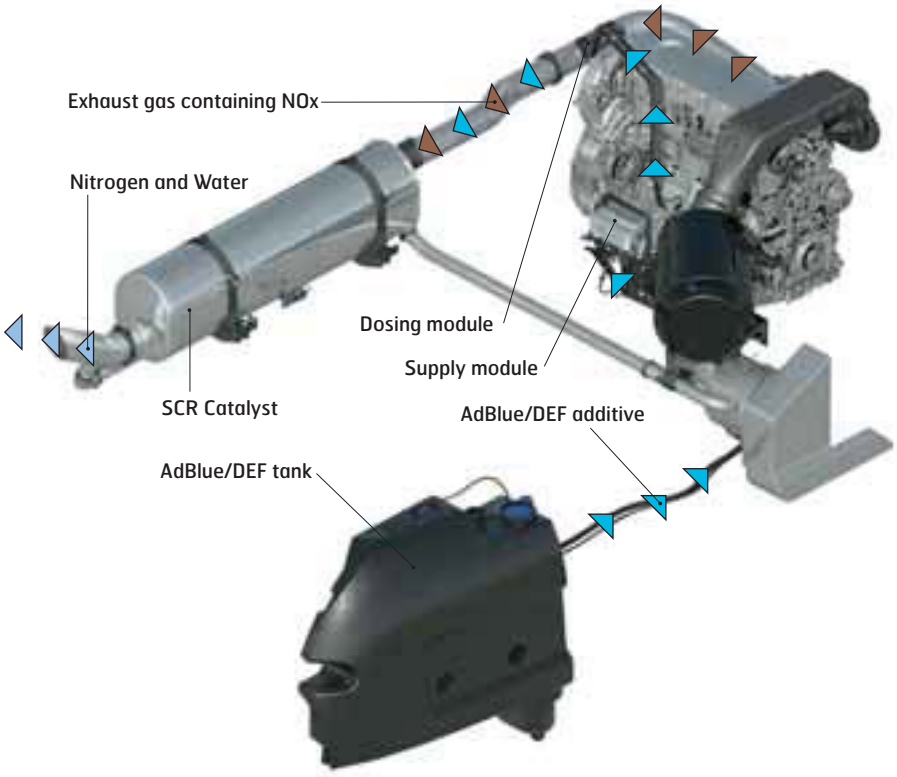
There is a wide choice: A twin-disc chaff spreader spreads the chaff onto the stubble before the straw hits the ground or directs it into the swath increasing the feed value of the straw to be baled. The chaff spreader has adjustable deflector plates to fine tune the spread width to the header size and achieve uniform distribution of the chaff. A chaff blower mixes the chaff into the straw to be chopped for distribution together with the chopped straw.

NO ESCAPE: UNIFORM STRAW CHOPPING

The optional Dual-Chop™ straw chopper includes an extra rake preventing long straw from escaping. Repeated cutting of these stems ensures very uniform chopping. The high chopper speed and remote deflector adjustment, in addition to the redesigned straw hood, ensure powerful and uniform spreading.

POWERFUL AND ENVIRONMENTAL: A WINNING COMBINATION.

All CX5000 and CX6000 Elevation combines benefit from a high pressure common rail, Tier 4A compliant engine developed by FPT Industrial. This is part of New Holland Agriculture's environmental promise: developing solutions that make agriculture more efficient while respecting the environment. The second part is to offer tailor-made solutions for every product, and the entire CX5000 and CX6000 Elevation range will benefit from the ECOBlue™ SCR technology (Selective Catalytic Reduction). 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.



AdBlue®

ADBLUE WITH NO ADDED HASSLE

AdBlue is a key component of the ECOBlue™ 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 CX5000/CX6000's Elevation's AdBlue tank, and when it is running low, a pop up will be displayed on the IntelliView™ IV screen. The 120 litre AdBlue tank will require filling every second fill of the main diesel tank.

LARGE COOLING PACKAGE

The large radiator sections and the dust screen are easily accessible for thorough cleaning.

Basic models		CX5080 Elevation	CX5090 Elevation	CX6080 Elevation	CX6090 Elevation
Technology		Common rail	Common rail	Common rail	Common rail
Rated power	[kW/hp(CV)]	175/238	200/272	200/272	220/300
Maximum power	[kW/hp(CV)]	190/258	220/300	220/300	245/333
Governor		electronic	electronic	electronic	electronic

SAVING FUEL DURING ROAD TRAVEL - NEW ROAD CRUISE MODE

For optimal fuel consumption, the engine speed reduces automatically for road transport work.

POWER SAVING DRIVELINES

Overall reliability and low power consumption are the result of proven, direct drivelines and the 3-speed hydrostatic transmission. In line with Zedelgem tradition, all combines are constructed on an extremely robust chassis with superior material specifications.

LARGER REAR WHEELS AND ULTRA LOW GROUND PRESSURE

New large steering wheels are available offering ground pressure as low as 1.2 bar and increased flotation and rolling ability in tough conditions. A wide range of traction tyres can be specified to suit your individual needs to meet strict transport widths and to negotiate narrow gateways, or to achieve unsurpassed floatation performance.

UNRESTRICTED ACCESS

Large hinged panels are easily raised for servicing, allowing quick and easy access. Central grease banks further increase service accessibility and reduce service time.

THE ABSOLUTE EXPERIENCE OF SPACE AND COMFORT

RECOMMENDED COMBINE SETTINGS

RCS eases the operators job of setting up the combine for different crops, thereby ensuring the machines capacity is being optimized at all times. The RCS pages in the IntelliView™ IV monitor are a reference guide, and display the basic parameters to set for a wide variety of crops, settings for drum speed, concave openings, fan speeds and sieve openings can be used as a point of reference when switching between crops, and then fine tuned according to the operators preference and the harvesting conditions.

COMFORTABLE, SAFE AND CONVENIENT

The high comfort seat is air-suspended. An instructor seat is standard equipment just like the purpose designed cool box. The low in-cab noise levels give a relaxed working environment. To limit the total combine width when travelling or manoeuvring, the ladder can be swung in front of the traction wheel.

FACTORY INSTALLED CAMERA

An optional factory fitted rear view camera is now available on CX Elevation combines. Linked to the IntelliView™ IV colour monitor, overall safety and operator convenience is greatly improved. A further two cameras can be dealer installed to cover views of the rear hitch and the unloading tube.

A SPLENDID VIEW

No restrictions for a total view of the crop in front, of the header and of the stubble behind the header, thanks to the wide curved window of the Discovery™ III cab. For extended visibility up to three cameras can be installed. They add to the operator confidence when reversing, when unloading or when checking the grain tank level or the chopping results.

LASER-BASED SMARTSTEER™ SYSTEM EASES DRIVING

Precise steering in cereal crops is made easy by the optional SmartSteer™ edge guidance system. A laser scanner, mounted on the right hand platform railing, makes a distinction between the cut and uncut crop allowing for precise steering and maintaining operator alertness.

READY FOR NIGHT WORK

Maintaining high workrates when working at night is made possible with the full complement of working lights that come as standard equipment.

AUTOMATIC CLIMATE CONTROL

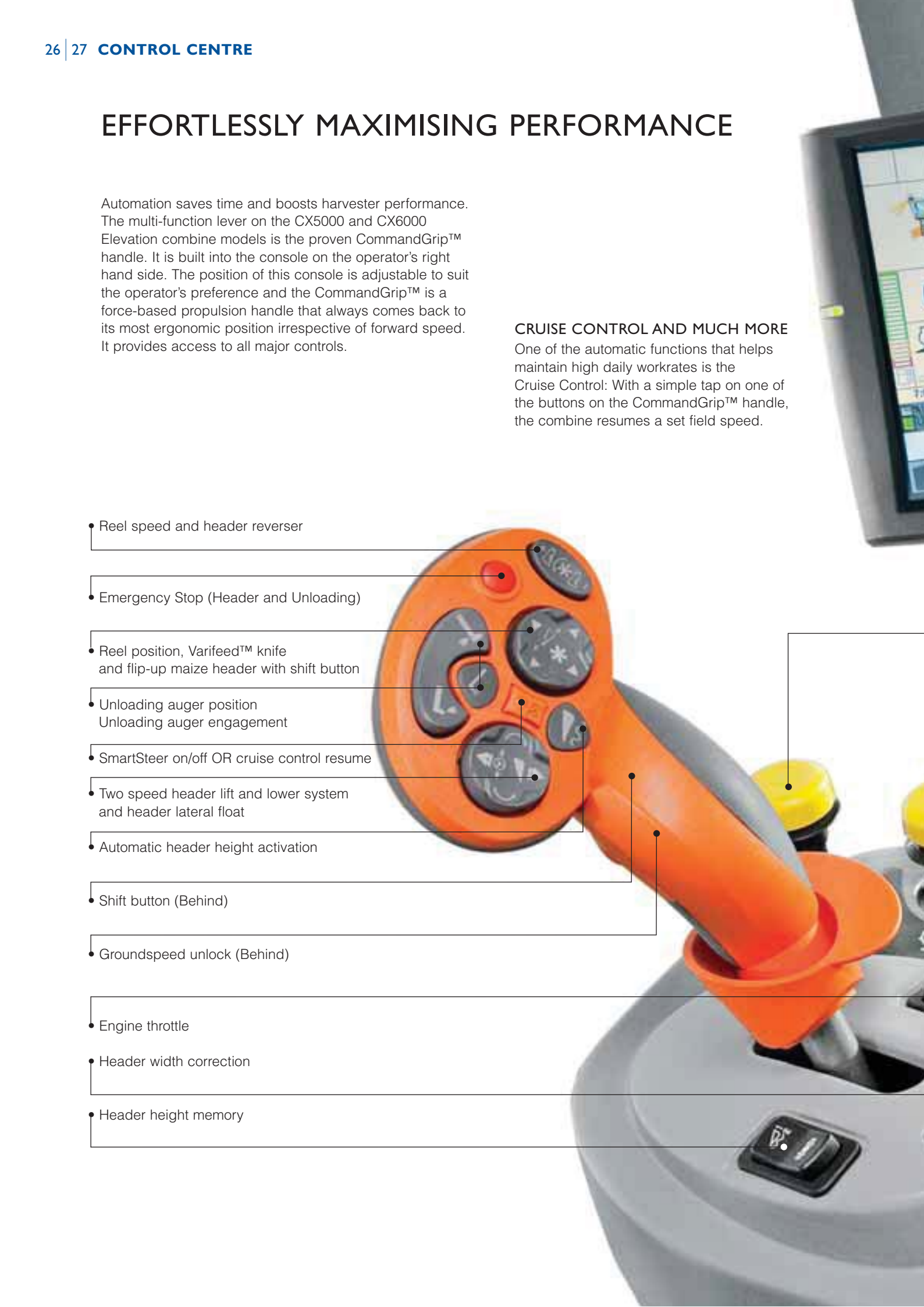
Air-conditioning is standard equipment. As an option it can be specified with a heating system or with the Automatic Temperature Control system, which automatically adjusts the fan speed to the degree of cooling required.

EFFORTLESSLY MAXIMISING PERFORMANCE

Automation saves time and boosts harvester performance. The multi-function lever on the CX5000 and CX6000 Elevation combine models is the proven CommandGrip™ handle. It is built into the console on the operator's right hand side. The position of this console is adjustable to suit the operator's preference and the CommandGrip™ is a force-based propulsion handle that always comes back to its most ergonomic position irrespective of forward speed. It provides access to all major controls.

CRUISE CONTROL AND MUCH MORE

One of the automatic functions that helps maintain high daily workrates is the Cruise Control: With a simple tap on one of the buttons on the CommandGrip™ handle, the combine resumes a set field speed.



JUST TOUCH THE SCREEN

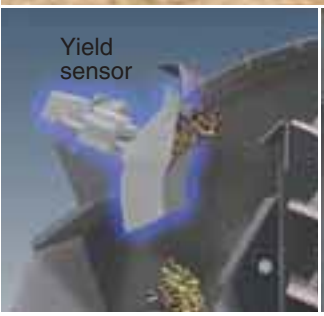
Providing information on performance data, operational statistics and service data, the IntelliView™ IV monitor adds to optimising the combine's performance. The wide touch screen is easy to use. One of the many time saving features available is the Automatic Crop Setting function, whereby a specific combine setting can be stored for easy recall when the same field situation pops up again.

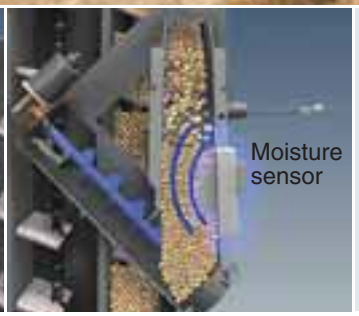
- Header and feeder engagement
- Threshing engagement
- Threshing drum speed
- Concave position
- Cleaning fan speed
- Upper sieve
- Lower sieve

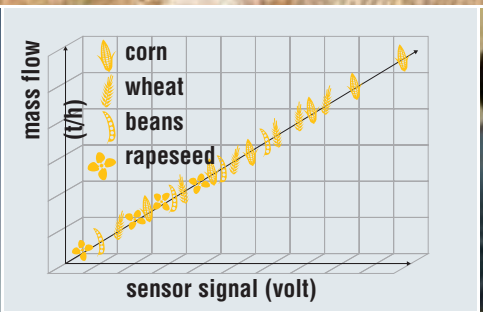
GETTING MORE FROM FERTILE GROUND

Increasing yields, or saving money through reduced inputs: precision farming is a practice that makes use of site specific crop data which in turn allows optimum treatment and seed application in the subsequent periods. CX5000 and CX6000 Elevation combine models are ready to receive the equipment that supports this way of operating.

PLM
PRECISION LAND MANAGEMENT







YIELD AND MOISTURE SENSORS

Patented and exclusive to New Holland, the optional yield and moisture sensors not only deliver exceptional accuracy, they do not need to be re-calibrated when switching between different crops. The moisture sensor is mounted on the grain elevator where it regularly samples harvested grain, and the optical yield sensor is mounted inside the Clean Grain Elevator.

NO CALIBRATION REQUIREMENT

Thanks to its design the unique New Holland yield sensor is extremely accurate whatever the crop, the variety or the moisture content of the kernel. There is no need for calibration between fields, crops or even between the cereal and maize season.

ACCURATE MEASUREMENT OFFERS OPTIMISED INPUTS

With the addition of an optional USB Stick, the D-GPS antenna and the Precision Farming Desktop software, the CX5000 & CX6000 Elevation combines offer customers valuable yield mapping information that provides key information in the move towards variable rate seed and fertilizer application.

AFFORDABLE GUIDANCE TO ENHANCE PRODUCTIVITY

Guidance assistance operates day and night and is based around the D-GPS antenna. The FM750 system is one that can be easily fitted to CX Elevation combines. Comprising a multi-function display with lightbar guidance, FM750 can deliver +/- 20cm or +/-2.5cm pass to pass accuracy. It adds to the harvesting precision while maintaining operator alertness during long working days.

SELF-STEER WITH EZ-PILOT

New Holland EZ-Pilot is an entry level assisted steering system that installs on the CX steering column. Featuring T3™ Terrain Compensation Technology, EZ Pilot is designed to keep you on the right track, even over undulating terrain.

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 workshop 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 Industrial 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 Industrial Capital, you have the peace of mind that comes from dealing with a finance 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

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

NEW HOLLAND STYLE

Want to make New Holland a part of your everyday life?
Browse the comprehensive selection on **www.newhollandstyle.com**.
A whole range of items are available including hard wearing work clothing and a vast selection of scale models, together with so much more.
New Holland. As individual as you.

MODELS		CX5080 Elevation	CX5090 Elevation	CX6080 Elevation	CX6090 Elevation
Grain header					
Cutting width: High-Capacity grain header	(m)	4.57 - 7.32	4.57 - 7.32****	4.57 - 9.15	5.18 - 9.15
Extra-Capacity grain header	(m)	4.88 - 7.62	4.88 - 7.62****	4.88 - 9.15	4.88 - 9.15
Varifeed™ grain header (500mm of knife travel)	(m)	5.18 - 7.32	5.18 - 7.32	5.18 - 7.32	5.18 - 7.32
High-Capacity Hillside grain header	(m)	–	4.57 - 6.10	–	–
Knife speed	(cuts/min.)	1150	1150	1150	1150
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
Electro-hydraulic reel position adjustment		●	●	●	●
Automatic reel speed synchronisation to forward speed		●	●	●	●
Hydraulic quick coupler (single location)		●	●	●	●
Maize headers					
Flip-up maize headers	(number of rows)	6 - 8******	6**** - 8******	6*** - 8	6*** - 8***
Rigid maize headers	(number of rows)	5 - 6 - 8******	5*** - 6 - 8******	6 - 8	6 - 8
Remotely adjusted deck-plates		●	●	●	●
Integrated stalk choppers		O	O	O	O
Rotary dividers		O	O	O	O
Automatic row guidance		O	O	O	O
Automatic header control systems					
Stubble height control		automatic	automatic	automatic	automatic
Compensation		●	●	●	●
Autofloat™ II system		O	●	●	●
Straw elevator					
Number of chains		3	3	4	4
Header and elevator reverser		hydraulic	hydraulic****	hydraulic	hydraulic
Lateral flotation		O	●	●	●
Discovery™ III cab		●	●	●	●
Air-suspension seat		O	O	O	O
Instructor's seat with removable coolbox (12V/220V)		●	●	●	●
IntelliView™ IV monitor		●	●	●	●
CommandGrip™ handle		●	●	●	●
Up to 3 viewing camera's		O	O	O	O
Automatic crop settings		●	●	●	●
Air-conditioning		●	●	●	●
Automatic climate control		O	O	O	O
Heating		O	O	O	O
Optimum cab noise level - 77/311EEC	(dB(A))	76	76	76	76
New Holland Precision Land Management systems					
Guidance systems					
SmartSteer™ automatic guidance system factory fitted		O	O	O	O
EZ-Guide 250 or FM750 with EZ-Pilot guidance system		O	O	O	O
Cruise control mode		●	●	●	●
Automatic row guidance system for maize headers		O	O	O	O
Precision farming					
Moisture measuring		O	O	O	O
Yield measuring and moisture measuring		O	O	O	O
Full Precision farming package including: yield measuring and moisture measuring, DGPS yield mapping, desktop software and software support service		O	O	O	O
Threshing drum					
Width	(m)	1.3	1.3	1.56	1.56
Diameter	(m)	0.6	0.6	0.6	0.6
Standard type / Universal type		● / O	● / O	● / O	● / O
Number of bars		8	8	8	8
Speed range	(rpm)	400 - 1140	400 - 1140	400 - 1140	400 - 1140
Optional drum speed reductor	(rpm)	240 - 685	240 - 685	240 - 685	240 - 685
Drum concave					
Quick-change sectional concave		●	●	●	●
Area	(m^2)	0.86	0.86	1.04	1.04
Number of bars		14	14	14	14
Angle of wrap Opti-Thresh™ system open	(°)	85	85	85	85
Angle of wrap Opti-Thresh™ system closed	(°)	121	121	121	121
Beater					
Four paddle / pins beater drum		● / O	● / O	● / O	● / O
Diameter	(m)	0.395	0.395	0.395	0.395
Beater concave area	(m^2)	0.286	0.286	0.342	0.342
Synchronisation with drum speed		●	●	●	●
Rotary Separator		O	O	O	O
Diameter	(m)	0.59	0.59	0.59	0.59
Speed	(rpm)	400 / 760	400 / 760	400 / 760	400 / 760
Quick speed change without tools		●	●	●	●
Concave area (including rake)	(m^2)	0.84	0.84	1.01	1.01
Multi-Thresh™ system		●	●	●	●
Total powered separation area	(m^2)	1.988	1.988	2.387	2.387
Straw Flow™ beater		O	O	O	O

MODELS		CX5080 Elevation	CX5090 Elevation	CX6080 Elevation	CX6090 Elevation
Strawwalkers					
Number		5	5	6	6
Separation area	(m^2)	5.38	5.38	6.45	6.45
Cleaning					
Triple-Clean™ cascade system		●	●	●	●
Smart Sieve™ self levelling: cleaning system automatic kernel size adaptation		O	O****	O	O
Side slope correction on Pre- and Top sieve	(%)	25	25	25	25
Grainpan removable from front on fix cleaning shoe		O	O	O	O
Grainpan removable from front on Smart Sieve™ cleaning shoe		●	●	●	●
Pre-cleaning system		●	●	●	●
Total area under wind control FS	(m^2)	4.321	4.321	5.207	5.207
Remote control sieve setting		O	O	O	O
Levelling system					
Optional Laterale Slope Levelling system (Side-Hill)	(%)	–	18	–	18
Wide Hillside Levelling system (Side-Hill, Up-Hill, Down-Hill) - overall width = 4.0m	(%)	–	38 / 30 / 10	–	–
Narrow Hillside Levelling system (Side-Hill, Up-Hill, Down-Hill) - overall width = 3.5m	(%)	–	33 / 30 / 10	–	–
Cleaning fan					
Opti-Fan™ system		●	●	●	●
Number of blades		6	6	6	6
Variable speed range - Optional low	(rpm)	165 - 420	165 - 420	165 - 420	165 - 420
- Standard high	(rpm)	400 - 1000	400 - 1000	400 - 1000	400 - 1000
Electrical speed adjustment from the cab		●	●	●	●
Return system					
High capacity grain elevator back to drum		●	●	●	●
Returns indication on IntelliView™ III monitor		●	●	●	●
Grain elevator					
High capacity grain elevator with heavy duty chain & flaps		●	●	●	●
Grain tank					
Capacity	(l)	8300	8300	9300	9300
Central filling, folding bubble-up extension		●	●	●	●
Unloading auger					
Overtop unloading tube (4.75m)		●	●	O	O
Overtop unloading tube (5.50m)		O	O	●	●
Unloading speed / Hillside version	(l/s)	90	100 / 90	100	100
Grain sample inspection door		●	●	●	●
Grain tank fill warning device		●	●	●	●
Unloading auger swivel reach	(°)	105	105	105	105
Engine* compliant with Tier 4A/ Stage 3B emission regulations		Nef (6.7L)*	Nef (6.7L)*	Nef (6.7L)*	Cursor 9 (8.7L)*
ECOBlue™ SCR system (Selective Catalytic Reduction)		●	●	●	●
Injection system		common rail	common rail	common rail	common rail
Gross engine power @ 2100rpm - ISO 14396 - ECE R120	[kW/hp(CV)]	175/238	200/272	200/272	220/300
Maximum engine power @ 2000rpm - ISO 14396 - ECE R120	[kW/hp(CV)]	190/258	220/300	220/300	245/333
Approved biodiesel blend**		B20	B20	B20	B20
Governor type		electronic	electronic	electronic	electronic
Fuel consumption measuring and read-out on IntelliView™ III monitor		●	●	●	●
Air compressor		O	O	O	O
Engine blow off system		O	O	O	O
Fuel tanks					
Diesel capacity / AdBlue capacity	(l)	670 / 110	670 / 110	670 / 110	670 / 110
Transmission		hydrostatic	hydrostatic	hydrostatic	hydrostatic
Gearbox		3-speed	3-speed	3-speed	3-speed
Hydrostatic hytron pump control		electronic	electronic	electronic	electronic
In-line gearshifting		●	●	●	●
Cruise control mode		●	●	●	●
Differential lock		O	O***	O	O***
Powered rear wheels		O	O	O	O
Maximum speed	(kph)	30	30	30	30
Residue management					
Dual-Chop™ straw chopper		O	O	O	O
Remote adjustable deflectors		O	O	O	O
Adjustable chaff spreader		O	O	O	O
Dimensions					
With traction wheels (*****)		650/75 R32	710/75 R34	710/75 R34	710/75 R34
Maximum height in transport position	(m)	3930	3990****	3990	3990
Maximum width - transport	(m)	3275	3265***/****	3500	3500***
Maximum length with extended unloading tube without header	(m)	8760	8760	8760	8760
Weight					
Standard version less header and less straw chopper	(kg)	12300	12400	13200	13400
Hillside version less header and less straw chopper	(kg)	–	14000	–	–
Laterale version less header and less straw chopper	(kg)	–	13900	–	14700

● Standard O Optional – Not available

* 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

*** Not available on Laterale versions

**** Not available on Hillside version

***** Traction wheels other than those mentioned are also available, depending on the market (620/75-R30; 320/75-R34; 710/75-R34; 800/65-R32; 900/60-R32; 30.5x32; 1050/50-R32)

******Only in combination with specific tyre size and on flat field conditions

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For more details, ask your New Holland dealer!

* 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.

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