NEW HOLLAND CR9000 ELEVATION

CR9060 Elevation | CR9070 Elevation | CR9080 Elevation | CR9090 Elevation

CR9000 ELEVATION – PURE ROTARY

Since their introduction in 2002 New Holland CR combines have proven to offer outstanding field performance. The Twin Rotor™ technology has no equivalent in terms of throughput capacity. Furthermore the quality of grain and straw is superior, thanks to the gentle multipass action of the pure rotary technology. Worldwide, there is no match for the new range topping CR9090 Elevation. With award winning features like Opti-Clean™ grain cleaning shoe and optional Grain Cam™ system the CR9090 Elevation has the biggest and cleanest capacity on the market.

FROM ZEDELGEM IN BELGIUM

CR9000 Elevation combines have been designed and developed in Zedelgem, Belgium. This is where Leon Claeys, more than 100 years ago made his first threshing machines and where 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 CR9000 Elevation models are built in this high performance manufacturing facility by dedicated people, who know what total customer satisfaction means, both in terms of harvesting performance and on-the-job reliability.

BREED

PURE ROTARY BREED

THE HIGHEST CAPACITY COMBINE HARVESTER EVER

Cutting edge technology and impressive features combine to create the CR9090 Elevation, the most productive combine harvester in the world. A new 10.7m (35ft) Varifeed™ grain header and the adjustable rotor cover vanes optimise the crop flow through the exclusive Twin Rotor™ system. The most powerful engine on the market with technology that saves fuel and the massive 12,500 litre graintank, all add to a capacity increase of 10% in comparison with the already impressive CR9080 Elevation.

Model	CR9060 Elevation	CR9070 Elevation	CR9080 Elevation	CR9090 Elevation
Grain header widths (m)	5.18 - 9.15	6.10 - 10.67	7.31 - 10.67	7.31 - 10.67
Rotor diameter / length (mm)	432 / 2638	432 / 2638	559 / 2638	559 / 2638
Opti-Clean™ cleaning system	●	●	●	●
Max engine power @ 2000rpm - ISO TR14396 - ECE R120 [kW/hp(CV)]	310/422	345/469	390/530	435/591
Grain tank capacity (l)	9,000	10,500	10,500	12,500

THE HIGHEST CAPACITY COMBINE HARVESTER IN THE WORLD

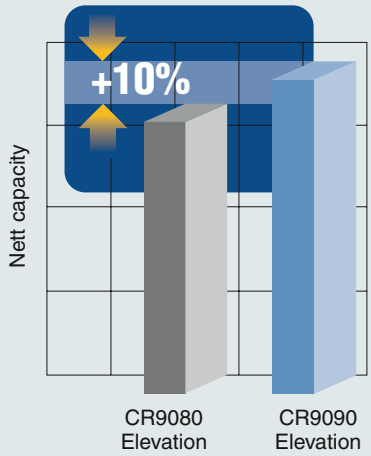
Performance without compromise, all day long, during the longest possible harvesting day of the longest lasting season, in the widest possible variety of crops and conditions: that is what the Model CR9090 Elevation is designed and built for.

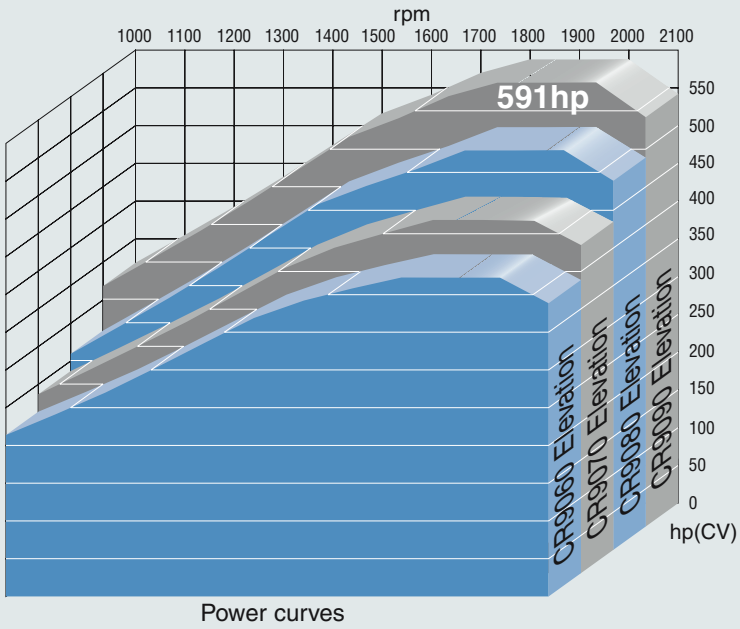
LARGEST GRAIN TANK RAISES DAILY PERFORMANCE

CR9000 Elevation combines require a grain handling system that copes with their huge capacity. With a grain tank of 12,500 litres, the CR9090 Elevation can harvest more and fill the tank faster with no concern about having to empty more often. Tank capacities reach 10,500 litres on the CR9080 Elevation and the CR9070 Elevation, and 9,000 litres on the CR9060 Elevation. When the grain tank covers are folded down, all CR9000 Elevation combines are still within the 4 meter transport height limit.

10% MORE CAPACITY THAN PREVIOUS TOP MODEL IN THE CR9000 RANGE

The new CR9090 Elevation produces up to 10% more than the previous range topping CR9080 Elevation. Sophisticated rotor cover vane adjustments optimise the speed of the crop flow and in combination with the high rotor speed this results in an enormous throughput capacity. The multipass action produces huge volumes of excellent grain and straw. The highest horsepower engine ever mounted on a combine harvester matches this impressive production volume as does the cleaning function which benefits from award-winning exclusive features like Opti-Clean™ and Grain Cam™ systems.





MOST POWERFUL COMBINE ENGINE AVAILABLE ON THE MARKET

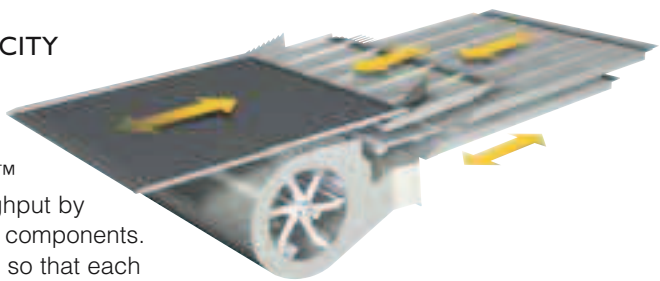
Supporting the 10% capacity increase over the CR9080, the CR9090 is equipped with the FPT Cursor 13TCD engine. Using the advanced Turbo Compound technology it delivers a maximum of 435kW [591hp(CV)], more than any other combine engine. All CR9000 Elevation models are equipped with FPT Cursor engines. Their advanced diesel injection systems produce power curve characteristics offering uninterrupted optimum operation of the harvester's functions even when working in the most demanding conditions. Maximum power is as high as 390kW [530hp(CV)] on the CR9080 Elevation, 345kW [469hp(CV)] on the CR9070 Elevation and 310kW [422hp(CV)] on the CR9060 Elevation.

EXCEPTIONAL CAPACITY WITH LOWER COSTS

PURE ROTARY BREED. UNIQUE TWIN ROTOR™ DESIGN

Repeated agitation of the crop by the segmented, staggered and spirally mounted rasp bars and separation slats, creates continuous threshing and separation. The concaves are huge and offer plenty of space for all the kernels to pass through. The unique Twin Rotor™ system also generates a high centrifugal force, boosting the separation. By dividing the crop into halves, the Twin Rotor™ concept spreads the crop over the two rotor surfaces. An enormous active working area is available allowing unequalled crop intake. On the new CR9000 Elevation models the maximum rotor speed is higher developing more centrifugal force, allowing even more crop to be processed.

"BEST IN CLASS" OPTI-CLEAN™ SYSTEM TO MATCH THE EXCEPTIONAL THRESHING AND SEPARATION CAPACITY



With a total sieve area under wind-control of 6.54m² on the CR9090 Elevation and CR9080 Elevation and 5.40m² on the CR9070 Elevation and the CR9060 Elevation, the cleaning shoe efficiently handles the largest grain volumes. The new Opti-Clean™ system on the Elevation models, copes easily with the high throughput by optimising the stroke and the throwing angles of each of the main components. The grain pan is no longer coupled to the pre-sieve and top sieve so that each element can operate at its optimum efficiency. The cascade distance between the grain pan and the pre-sieve is increased for greater capacity while a long sieve stroke and a steep throwing angle keep more material airborne, for even higher cleaning efficiency. The opposing motion of the grain pan and bottom sieve to the pre-sieve and top sieve reduces overall machine vibrations and increases operator comfort. The self-levelling cleaning shoe, standard on all models, helps ensure that maximum capacity and sample quality is maintained on slopes up to 17%.

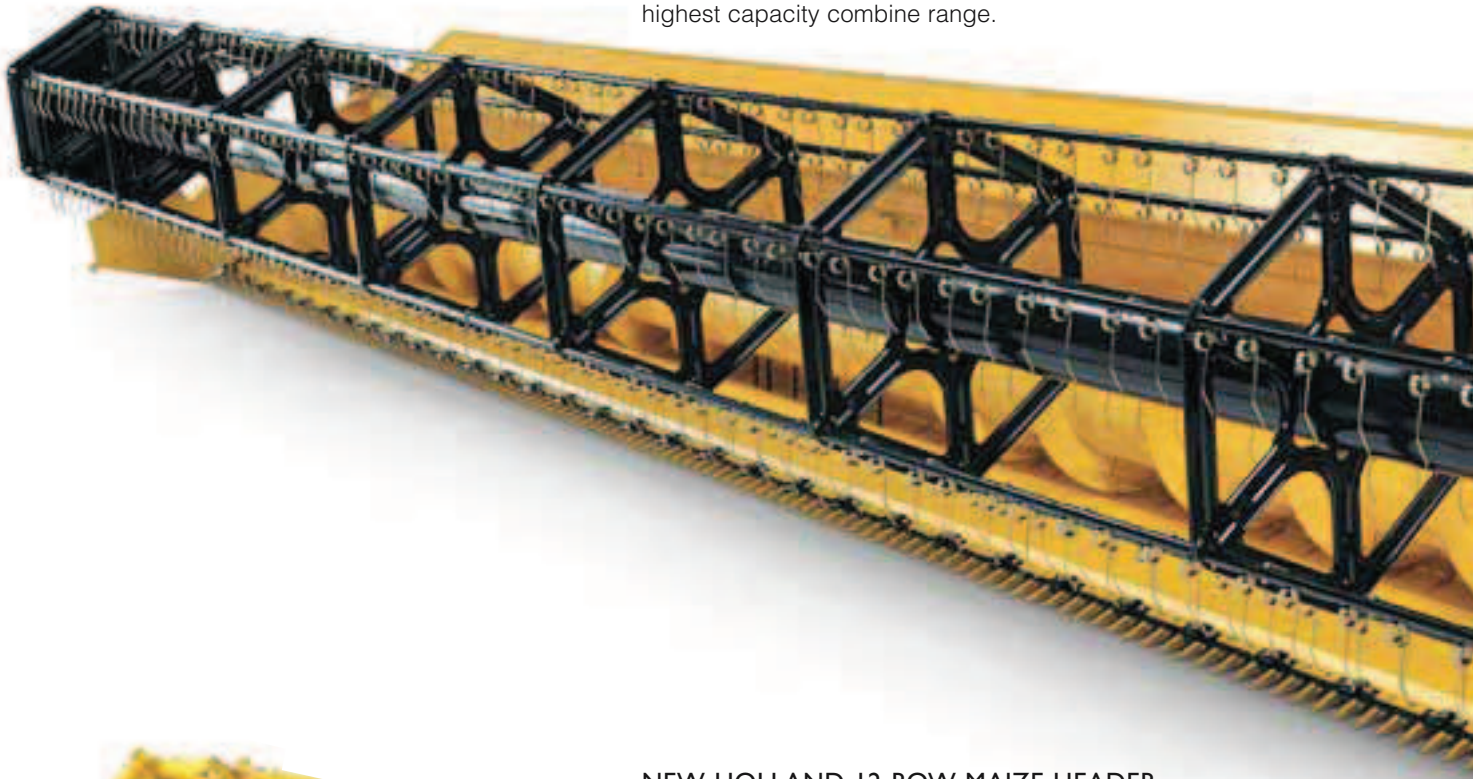
A PERFECT START

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 CR9000 Elevation 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 straw elevator's closed drum levels and evens the crop to perfectly match the wide twin rotors.

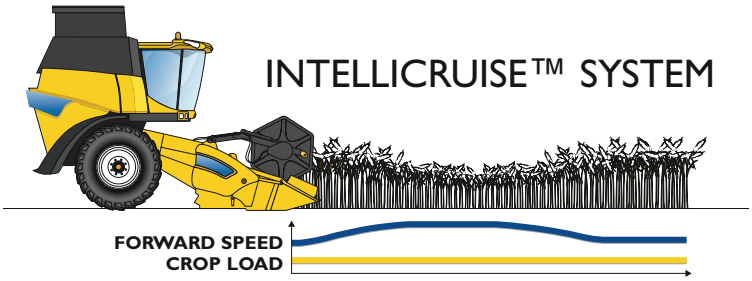
LATEST GENERATION VARIFEED™ GRAIN HEADER

The latest generation of the Varifeed™ grain header which has floor travel of 575mm is available in three sizes: 7.62m (25ft), 9.15m (30ft) and 10.67m (35ft). All CR9000 elevation combines can be fitted with these headers. 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 throughput of the world's highest capacity combine range.



NEW HOLLAND 12-ROW MAIZE HEADER

There is no better match than a New Holland maize header for the productive and reliable CR9000 Elevation 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 unrivalled capacity of the CR9000 Elevation 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.



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.

FASTER FIELD WORK THANKS TO AUTOMATION

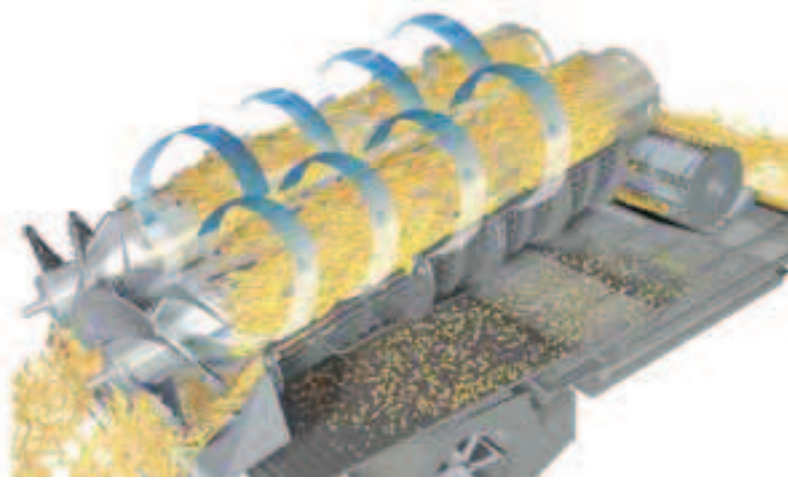
Automatic steering systems help ensure that the full cutting width is used, eliminating missed crop.

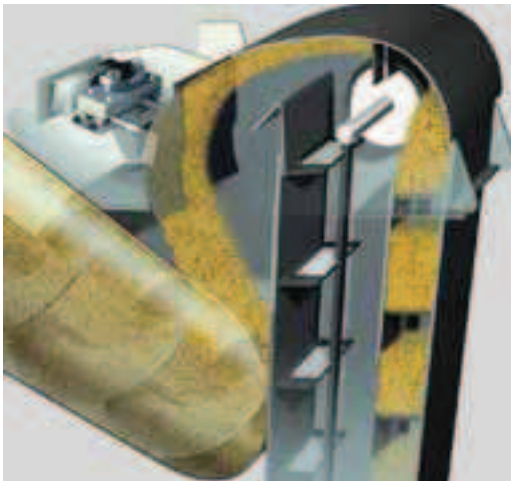
- By scanning the crop edge and providing a signal for precise steering, the New Holland SmartSteer™ Automatic guidance system allows the operator to concentrate on other vital combine functions and maintain maximum performance.
- The IntelliSteer™ Automatic Steering System, based on DGPS (Differential Global Positioning System) will steer the combine parallel to a line between two points in a field, marked during the initial field pass. Straight lines are offered on the CR9060, CR9070 and the CR9080 while curved line guidance is offered on the CR9090. The accuracy of the IntelliSteer™ system is not influenced by weather or crop conditions.

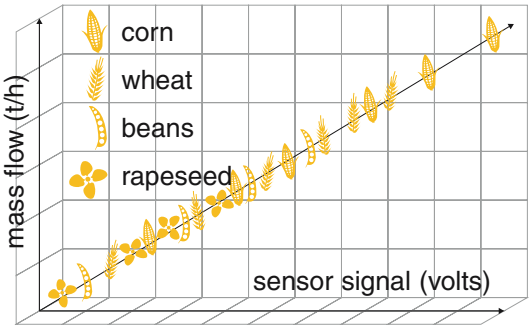
SAVE TIME IN THE FIELD

REFINING THE TWIN ROTOR™ TECHNOLOGY: ADJUSTABLE ROTOR COVER VANES OPTIMISE CROP FLOW

Extensive research has revealed a way to optimise the speed of the crop flow: the CR9000 Elevation profits from a feature that provides the ideal balance between crop agitation and crop progress. Depending on crop and crop conditions, the angle of the rotor cover vanes can be adjusted affecting the crop flow. For maximum throughput capacity and outstanding grain and straw quality, the optimum processing velocity is matched to the ideal threshing and separation action.







SIMPLIFIED SETUPS

To reduce unproductive time when switching between crops or when working in varying crop conditions, CR9000 combines feature an automatic crop setting system with fifty crop-specific settings. The operator has the opportunity to programme two harvest settings for each crop and can even save a setting for turning on the headland. The settings include rotor speed and concave setting, sieve opening and cleaning fan speed.
Furthermore there is no need to re-calibrate the yield sensor when switching between fields, crops or even between cereal and maize season. Recognised as the “best in class” its design neutralises the rubbing effect of the grain. Whatever the kind, the variety or the moisture content of the kernel, the sensor generates an extremely accurate yield measurement.

MAXIMISE DAILY PERFORMANCE

Any header blockages are cleared instantly by the hydraulic reversing system. The ability to hydraulically “rock” the header and elevator backward and forward eases the unblocking process so you are harvesting again in no time. If a stone is picked up, there is no need for the operator to leave the cab. The unique automatic stone protection system consists of a detection device under the closed lower drum of the straw elevator and a pivoting door section over the full feeder width, through which stones are ejected automatically. The ASD system actively looks for stones in the crop as apposed to relying on a drum to passively knock the stone into a trap. This adds protection to the vital internal threshing elements without compromising performance.

INTACT GRAIN KERNELS

The large concave area provides plenty of time and space for threshing and separation. The smooth kernel treatment from the multipass action of the staggered rasp bars and spirally mounted slats and from the high centrifugal forces, reduce the need for aggressive rubbing. The New Holland CR9000 Elevation provides a high degree of gentle grain on grain rubbing to help ensure exceptional quality.

THE TWIN ROTOR™ CONCEPT'S SUPERIORITY

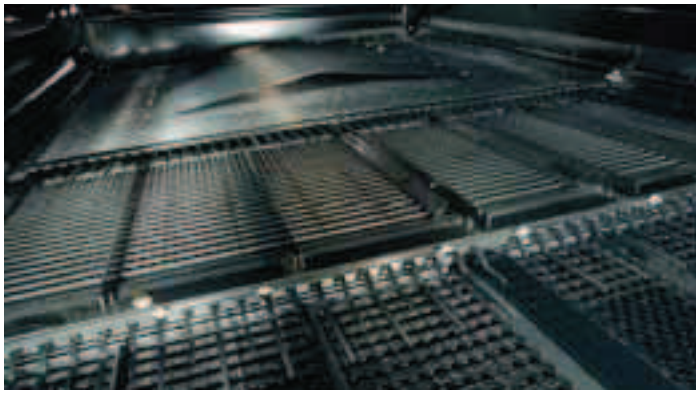
Comparative tests, carried out to evaluate the grain sample of different combine concepts, indicated that the CR9000 Elevation combines, thanks to the Twin Rotor™ technology, cause considerably less grain damage than a competitive hybrid threshing and separation system. The unique Twin Rotor™ concept has no combination of transversal and longitudinal drums or rotors that can create grain crackage.

IN-LINE CROP FLOW

The in-line crop flow of the pure rotary breed CR9000 Elevation combines is gentle on the grain. As a result, grain kernels are intact. That is why crop breeders confirm that the germination percentage of grain harvested by a CR9000 Elevation combine is exceptionally high.

A GRAIN SAMPLE THAT MEETS THE MOST RIGOROUS REQUIREMENTS OF THE COMMODITY MARKET

As the Twin Rotor™ system allows plenty of time to thresh and separate the grain, the crop treatment is gentle. This results in less short straw on the sieves, greatly improving cleaning capacity. The new Opti-Clean™ system which optimises the stroke length for each sieve, the wind controlled pre-sieve and the double wind outlet all contribute to the more efficient cleaning of the grain kernels.



AGGRESSIVE CASCADING

A vital element in the CR9000 Elevation model's cleaning shoe is the aggressive cascade cleaning. It is created as the grain falls from the grain pan to the wind-controlled pre-sieve and then onto the top sieve. The Opti-Clean™ system benefits from an increased opening between the grain pan and the pre-sieve, further adding to top sieve efficiency.

GRAIN CAM™ PURITY: ANOTHER INNOVATION FIRST

The Grain Cam™ innovation is another New Holland first. Available on the CR9090 Elevation, it eliminates any guess-work related to combine settings. A camera recognises the concentration of chaff and broken grain in the sample as it is transferred through the grain elevator to the graintank. This information is then shown on the new IntelliView™ III monitor in the form of a graph, allowing the operator to fine tune adjustments, further boosting grain purity.

ENHANCED RESIDUE MANAGEMENT

THE IMPORTANCE OF DEALING CORRECTLY WITH CHAFF AND STRAW

In operations where the use of straw is not the practice, CR9000 Elevation combines provide the appropriate handling of straw and chaff. Conservation tillage is an arable farming technique that is growing in popularity and 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 the pest problems created by moisture trapped in crop residues. This makes it vital to have adequate straw chopping and wide and even straw and chaff distribution, especially when working with the large headers common on CR9000 Elevation combines.

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 CR9000 Elevation combines there is a choice between four or six rows of knives. On the choppers with six rows, knives with impeller characteristics are installed at the outer edges of the rotor for high spreading capacity. The high chopper speed of 3500rpm helps ensure the fine chopping and wide spreading of even the heaviest crops.

FULL WIDTH SPREAD FOR OPTIMISED CULTIVATION.

The use of the new 10.7m (35ft) Varifeed™ header on the CR9080 & CR9090 Elevation requires a dedicated and powerful straw spreading system. The optional Opti-Spread™ straw spreader mounted behind the straw chopper, easily meets any practical spreading width requirement. The two powerful spinning discs have full adjustment to neutralise side-wind or hillside impact. For total operator convenience and uninterrupted field work, the adjustments are fully cab controlled offering two pre-set memories for easy adjustment on the headland.

READY FOR USE IN EXTREME FIELD CONDITIONS

For reduced soil damage and improved drive characteristics in difficult field conditions, all CR9000 Elevation models can be specified as rubber track ready. This possibility extends the combine's versatility and increases its profitability!

PERFECT STRAW FOR BALING

The in-line crop flow of the pure rotary breed CR9000 Elevation combines respects the straw. The exclusive Twin Rotor™ system eliminates the need for a drastic change of speed and direction. As a result the straw maintains its structure. The gentle crop treatment reduces straw breakage even at high outputs and produces high quality straw that is ideal for baling.

SUPERIOR ENGINE TECHNOLOGY DELIVERS MORE POWER FOR LESS FUEL

LOWER POWER REQUIREMENT REDUCES THE FUEL BILL

The reduced need for aggressive rubbing on CR9000 Elevation combines brings down the power requirement and consequently the fuel bill. Less straw breakage and intact grain kernels are signs of economic use of power.

MORE POWER THAN ON ANY OTHER COMBINE: THE ENGINE ON THE MODEL CR9090 ELEVATION USES TURBO COMPOUND TECHNOLOGY

The new CR9090 Elevation model is powered by the highest horsepower engine ever installed on a combine harvester. The FPT Cursor 13TDC engine, delivering a maximum of 435kW [591hp(CV)], uses the advanced Turbo Compound technology. By transmitting the energy left in the exhaust gases, to the engine crankshaft, the Turbo Compound technology consumes 5% less fuel when compared with a “conventional” engine of the same power.

CLEAN ENERGY LEADER

The engines on the CR9000 Elevation combines can run on 100%* Biodiesel without costly modifications. Talk to your New Holland dealer for full details.

*Conditions apply

FAST AND EASY MAINTENANCE

Total operating cost includes the time spent on daily maintenance and the time spent preparing the combine for the season. CR9000 Elevation combines are reknowned for their low service requirements and their ease of maintenance.

LOWER SERVICE COSTS THROUGH FULL ACCESS

The simple concept of the CR9000 Elevation combine uses simple drivelines. That means lower service requirements, excellent accessibility and reduced maintenance time. Furthermore all main service positions have been laid-out for easy access.

WHATEVER THE KERNEL SHAPE OR SIZE

Threshing concave extensions can be adjusted or for specific crops can be easily changed. Configurations are available to cover all grain sizes. Changing them takes as little as 15 minutes.

HIGHER PRODUCTION FOR LOWER COST

PRECISION LAND MANAGEMENT INCREASES YOUR PROFITS

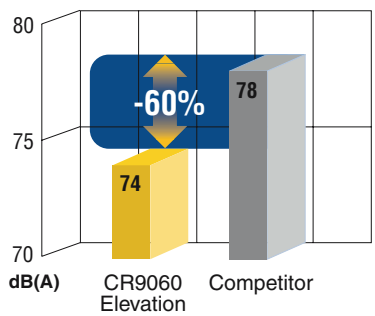
Saving money on seed and fertilizer is a direct result of the use of Precision Farming. Site specific soil treatment and seed application optimises the efficiency of crop-growing activity. The starting point is a yield map. The full Precision Farming package on CR9000 Elevation combines includes yield and moisture measuring; DGPS yield mapping, desktop software and a software support service.
For optimum use of this advanced technique, 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.

UP-TO-DATE INFORMATION TRANSFER

For the smooth transfer of the data collected by the CR9000 Elevation combine's yield sensor to the farm computer a simple memory stick is used.

UP TO 60% LOWER IN-CAB NOISE

The CR9000 Elevation combine's cab is designed and built to exacting standards to minimise noise and to maximise operator efficiency and machine performance.



FOUR DECIBELS LESS: A DIFFERENT WORLD!

The best in class cab design using superior isolation techniques and materials, results in an impressive 60% lower noise level than in a main competitor's cab. (Noise is measured on a logarithmic scale. 3db(A) represents a 50% reduction in noise).

CURSOR ENGINES ARE QUIET

Using the latest high injection-pressure technology, FPT Cursor engines help ensure perfect fuel combustion. This produces less noise.

TRIMMED TO THE UTMOST

The cab is mounted on silent blocks and trimmed with insulation materials, so vibrations are practically eliminated, further contributing to the lowest cab noise on the market.

BEST IN CLASS CAB DESIGN

The interior of the operators' work place is designed to maximise productivity during the long harvesting days: it reduces operator fatigue and discomfort to a minimum.

LARGEST CAB ON THE MARKET

Statistics show that the CR9000 Elevation cab has more volume than the cab on any competitive combine. Bearing in mind that a large part of the available area is occupied by fixed elements like the seat and console, the difference is even greater.

LARGEST GLASS SURFACE ON THE MARKET - A SPLENDID VIEW

Comparisons between the glass area of the CR9000 Elevation cab and that of competitor's cabs have revealed that there is more glass on the CR9000 Elevation cab. This helps ensure that the operator works efficiently, with perfect visibility of the task in hand.

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 CR9000 Elevation combines. To further improve this visibility at a distance and for more light over the header, a Xenon lighting option can be installed.

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 CR9000 Elevation can be equipped with a fridge. It has an effective chilling capacity and can hold two 1.5 litre bottles.

INTUITIVE COMMUNICATION SKILLS: INTELLIVIEW™ III MONITORS

Operating with the right information is a prerequisite for maximum capacity. On all CR9000 Elevation models, 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 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 can find what he needs at a glance.

AN EXTENSION OF THE OPERATOR'S ARM

The multi-function lever on the CR9000 Elevation combine is the main tool for controlling the combine's operations. This ergonomically designed user interface controls direction and speed and also incorporates the header controls and the control for the unloading auger position, engagement of the unloading system, header and reel controls.

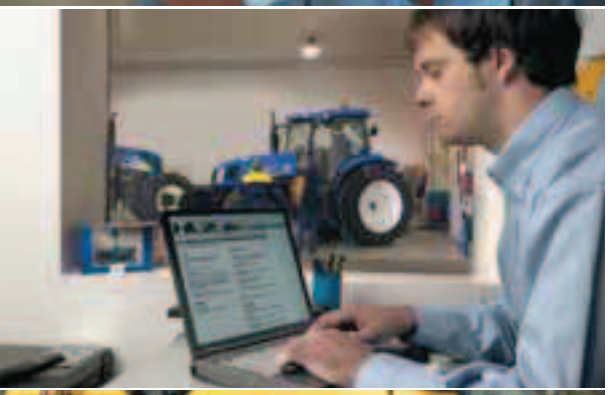
LAID OUT TO ENJOY

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 for the harvester's functions. Electronically controlled gear shifting smoothes power transfers. For added operator convenience, the Autofloat™ header control system is standard equipment on CR9000 Elevation combines.

WITH NEW HOLLAND TOP SERVICE, NEW HOLLAND AND YOUR DEALER ARE ALWAYS AT YOUR SIDE

TOP AVAILABILITY

Managed in partnership with New Holland dealers and New Holland Parts and Service teams, New Holland Top Service provides you with total support and up to date information, and is available to you 24/7 through the free phone* number 0800 64 111 111.
You can call the free phone* number at any time to seek advice on items such as the New Holland dealer network, requests for brochures, product specifications, product problems, and any other issues.



TOP SATISFACTION

The New Holland Top Service team will track and chase every query to a satisfactory conclusion. Queries will only be closed after a final call to ensure you are fully satisfied with the solution. Feedback from these calls will be used in regular reviews to improve the process continuously.

TOP SPEED

For product issues the New Holland Top Service team will work with your dealer and the New Holland Parts and Service organisations to quickly source any parts required and resolve any technical issue. To ensure parts reach you when you need them, New Holland dealers have the support of well established ordering and delivery systems, and can rely on a 24/7 service from our Parts Depots. To ensure a sustained high level of parts service, advanced product training sessions are regularly organised for dealer staff.

TOP PRIORITY

During the harvest season, New Holland understands that any loss of productivity can be very expensive. For this reason **Top Service Privilege offers extra support** and is available for top of the range, high productivity equipment in warranty. The New Holland Top Service Manager can draw parts from any facility within the New Holland Parts and Manufacturing networks, including assembly lines, to guarantee a fast resolution. Using our priority logistics service, parts will be delivered rapidly to get your machine back to work as quickly as possible.

NEW HOLLAND TOP SERVICE IS DESIGNED TO GIVE YOU PEACE OF MIND AND KEEP YOUR BUSINESS PRODUCTIVE

NEW HOLLAND AGRICULTURE **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.

BEYOND THE PRODUCT

QUALIFIED DEALER TECHNICIANS GIVE YOU THE MOST PROFESSIONAL TECHNICAL SUPPORT

A dealer technician certification programme helps ensure customers get the professional technical support they expect every time. To support this programme New Holland has created an online tool to train and develop the knowledge and skills of all technicians at New Holland dealerships. This online tool enables the technicians to build on the training received during workshops at New Holland's Training Centres and constantly update and develop their kno.

WE UNDERSTAND YOUR BUSINESS, WE TAILOR YOUR FINANCE TO YOUR NEEDS

CNH Capital, the financial services company of New Holland, has thorough knowledge of the agricultural industry. Every customer is unique, with specific equipment and financial needs. That's why we extend customer service to include tailor-made financial packages. New Holland Dealers and CNH Capital specialists work together to offer you the most advanced agricultural equipment coupled with a flexible and innovative financing solution. 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. Subject to status and availability. 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		CR9060 ELEVATION	CR9070 ELEVATION	CR9080 ELEVATION	CR9090 ELEVATION
Grain header					
Cutting width					
High-Capacity grain header	(m)	5.18 - 9.15	6.10 - 9.15	7.31 - 9.15	7.31 - 9.15
Extra-Capacity grain header	(m)	6.10 - 9.15	6.10 - 9.15	7.31 - 9.15	7.31 - 9.15
Varifeed™ grain header	(m)	6.10	6.10	–	–
New Varifeed™ grain header	(m)	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
Spare knife and spare bolted knife sections		●	●	●	●
Feeding auger with full-width retractable fingers		●	●	●	●
Reel diameter standard	(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					
Number of rows Flip-up maize headers		8	8	8	8
Number of rows Rigid maize headers		–	–	12	12
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™ system		●	●	●	●
Straw elevator					
Number of chains		3	3	3	3
Header and elevator reverser		hydraulic	hydraulic	hydraulic	hydraulic
Lateral flotation		●	●	●	●
Front face adjustment		●	●	●	●
ASP System (Advanced Stone Protection)		●	●	●	●
Cab					
Air-suspension seat		●	●	●	●
Instructor's seat		●	●	●	●
IntelliView™ III monitor with adjustable position		●	●	●	●
Up to 3 viewing camera's		O	O	O	O
Automatic crop settings		●	●	●	●
Air-conditioning and coolbox		●	●	●	●
Automatic climate control		O	●	●	●
Heating		O	●	●	●
Integrated Fridge		O	O	O	●
New Holland Precision Land Management systems					
Guidance systems					
SmartSteer™ automatic guidance system		O	O	O	O
IntelliSteer™ automatic guidance system including the full Precision Farming package		O	O	O	O
IntelliCruise™ System		O	O	O	O
Automatic row guidance system for maize headers		O	O	O	O
Precision farming		O	O	O	O
Grain Cam™ System		–	–	–	O
Moisture measuring		O	O	O	O
Yield measuring and moisture measuring		O	O	O	O
Full Precision farming package with: yield and moisture measuring, D-GPS yield mapping, desktop and support service softwares		O	O	O	O
Longitudinal rotors					
Rotor diameter	(mm)	432	432	559	559
Rotor length	(mm)	2638	2638	2638	2638
Length of auger section	(mm)	390	390	390	390
Length of threshing section	(mm)	739	739	739	739
Length of separation section	(mm)	1090	1090	1090	1090
Length of discharge section	(mm)	419	419	419	419
Fixed rotor vanes		●	●	●	O
Adjustable rotor vanes		O	O	O	●
Twin pitch rotors (Rice)		–	–	O	O
Concaves					
Threshing concaves					
Wrap angle	(degrees)	86	86	84	84
Wrap angle with extension	(degrees)	121	121	123	123
Adjustment		electric	electric	electric	electric

MODELS		CR9060 ELEVATION	CR9070 ELEVATION	CR9080 ELEVATION	CR9090 ELEVATION
Separation concaves					
Separation grates per rotor		3	3	3	3
Wrap angle	(degrees)	148	148	148	148
Beater					
Width	(mm)	1300	1300	1560	1560
Diameter	(mm)	400	400	400	400
Beater concave wrap angle	(degrees)	54	54	54	54
Total threshing and separation area	(m^2)	2.43	2.43	3.06	3.06
Cleaning					
Self-levelling cleaning shoe		●	●	●	●
Pre-cleaning system		●	●	●	●
Opti-Clean™ cleaning system		●	●	●	●
Total sieve area under wind control	(m^2)	5.4	5.4	6.5	6.5
Remote control sieve setting		●	●	●	●
Cleaning fan					
Number of blades		6	6	6	6
Variable speed range	(rpm)	200 - 1050	200 - 1050	200 - 1050	200 - 1050
Double outlet fan		●	●	●	●
Electrical speed adjustment from the cab		●	●	●	●
Return system					
Roto-Thresh™ system		double	double	double	double
Returns indication on IntelliView™ III monitor		●	●	●	●
Grain elevator					
High capacity grain elevator with heavy duty chain & flaps		●	●	●	●
Graintank					
Capacity	(l)	9000	10500	10500	12500
Central filling, folding bubble-up extension		●	●	●	●
Unloading auger					
Overtop unloading		●	●	●	●
Unloading speed	(l/s)	110	110	110	110
Grain sample inspection door		●	●	●	●
Graintank fill warning device		●	●	●	●
Unloading auger swivel reach	(degrees)	105	105	105	105
Engine					
Type*		FPT Cursor 9	FPT Cursor 10	FPT Cursor 13	FPT Cursor 13TCD
Injection system		common rail	unit injectors	unit injectors	unit injectors
Gross engine power @ 2100rpm - ECE R120	[kW/hp(CV)]	286/389	320/435	360/489	400/544
Maximum engine power @ 2000rpm - ECE R120	[kW/hp(CV)]	310/422	345/469	390/530	435/591
Approved Biodiesel blend		B100**	B100**	B100**	B100**
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		–	–	●	●
Fuel tank					
Capacity	(l)	750	1000	1000	1160
Transmission					
Type		hydrostatic	hydrostatic	hydrostatic	hydrostatic
Gearbox		4-speed	4-speed	4-speed	4-speed
Remote gearshifting		●	●	●	●
Differential lock		O	O	O	O
Powered rear wheels		O	O	O	O
Maximum speed***	(kph)	30 (market specific)	30 (market specific)	30 (market specific)	30 (market specific)
Rubber track ready		O	O	O	O
Residue management					
Integrated straw chopper		●	●	●	●
Remote adjustable deflectors		O	●	●	●
Chaff spreader		O	O	O	O
Opti-Spread residue management		–	–	●	●
Dimensions					
With traction wheels (****)		710/75 R34	710/70 R42	710/75 R34	710/70 R42
Maximum height in transport position	(m)	3.96	3.96	3.96	3.96
Maximum width - transport	(m)	3.3	3.3	3.5	3.5
Maximum length with extended unloading tube without header	(m)	9.97	9.97	9.97	9.97
Weight					
Standard version less header and less strawchopper	(kg)	14500	15010	15730	16700

● Standard O Optional – Not available * Developed by FPT - Fiat Powertrain Technologies ** Conditions apply *** Wheeled versions only
**** Traction wheels other than those mentioned are also available, depending on the market (710/75-R34, 710/70-R42, 800/65-R32, 800/75-R32, 900/60-R32, 900/60-R38, 1050/50-R32)

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