

FARM WITH PRECISION WITH NEW HOLLAND



Welcome to the world of PLM®.

New Holland's approach to PLM® can be summed up in four words: Open, Connected, Smart, Supported. With a full range of correction signals, New Holland's modular solution can be used on any machine. Intuitive, user-friendly interfaces mean you can use guidance with confidence and Precision Land Management software enables you to download and analyse yield data to fine tune inputs and reduce costs. Advanced telematics systems enable you to synchronise in-field working between machines from the comfort of your office.

As the "Clean Energy Leader", New Holland is committed to improving the environmental profile of farming and PLM® forms a key element of this strategy. By reducing in-field passes considerable fuel savings can be achieved, which consequently reduce your farm's carbon footprint. But that is not all, by controlling inputs, such as fertilisers, the environmental impact of farming is cut considerably. After all, that's what you've come to expect from the Clean Energy Leader. If you are ready to start saving time and money, working more comfortably and getting more out of every season with precision farming, New Holland Precision Land Management is waiting for you.



NHDrive Concept autonomous tractor, unveiled at Farm Progress in Boone, Iowa in August 2016, provides a glimpse into the future of truly autonomous farming.

To find out more visit: [YouTube](#)



Sustainable Efficient Technology



OPEN

New Holland knows that modern agribusinesses prize flexibility as it is your passport to higher productivity and profitability. That is why PLM® is fully compatible with all brands of machines and implements. Giving you the flexibility to pick the right machines for your farm. Always.



CONNECTED

As you know what is happening in every field you are working in, you can make the right decisions from the comfort of your office. This can help you optimise large machinery fleets: you can plan the next operation based on where machines are now. By keeping an eye on the online vehicle dashboard you can maximise uptime, improve productivity and efficiency and even optimise fuel consumption.



SMART

Intuitiveness defines PLM® technology. An intuitive in-cab display means operators can efficiently browse key parameters and communicate with the farm. The easy to use web portal enables accurate management of all data and facilitates speedy decision making based on real time information.



SUPPORTED

New Holland is available around the clock, 365 days per year to enable you to get the very best out of your PLM® software. PLM® Certified dealers can help you make the correct choice for your farm. PLM® Customer Support is always on hand to enable you to maximise the performance of your current package. If you want to fine tune your skills, why not enrol on a PLM® End User training course to unlock your PLM® package's full potential.

Your precise reference for precision farming.

	 Field preparation	 Seed & Plant
 PLM® guidance solutions New Holland offers a range of intuitive autoguidance solutions to meet your needs, from entry-level manual guidance, via assisted guidance right through to top of the range fully integrated autoguidance which effectively manages the machine for you. These solutions can be matched to a range of correction signals, from sub 20cm right down to sub 2.5cm absolute accuracy depending on your needs. New Holland offers solutions for its entire range of tractor, harvesting, and crop management equipment, including all implements.	IntelliView™ IV display (Page 7) - EZ-Pilot™ system and Autopilot™ motor drive IntelliSteer® factory TrueGuide™ and TrueTracker™ implement guidance (Page 20)	
 PLM® crop management solutions In order to get the most out of every square inch of field, a full range of crop management solutions are available. Variable rate and section control enable you to maximise yields and reduce costly overlaps and gaps. Yield monitoring, available on combine and forage harvesters means you can see just how productive your fields are, and when combined with PLM® software, you can counteract areas of lower yields. Advanced moisture monitoring technology enables the precise amount of additive application when foraging, baling or combining, and it also enables you to precisely calculate drying costs.		IntelliRate™ variable rate and
 PLM® data management solutions A comprehensive software package enables you to manage all aspects of your farm to enhance productivity and reduce soaring input costs. You can stay in touch with your machines at all times from the comfort of their office, and you can send and receive real-time information that saves time and enhances productivity.		
 PLM® support solutions All of your PLM® questions can be answered via the My PLM® Portal. If you want to unlock all of the performance boosting features, then enroll, via the PLM® Academy, on one of the training courses to become an expert in your field. PLM® dealer certification let you know that you are dealing with a true PLM® expert.		



Crop husbandry



Hay & Forage



Harvest



Plan

PLM® displays

XCN-2050™ display (Page 8) - FM-750 display (Page 9)

Assisted steering

system (Page 10) - Ez-Pilot pro system (Page 11) - IntelliSteer® lite system (Page 12)

Integrated guidance

system (Page 14) - Autopilot™ aftermarket system (Page 16)

Row Guidance System (Page 19)

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Yield mapping and moisture sensing (Page 25, 26, 27 and 28)

ISOBUS task controller (Page 22)
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Telematics

PLM® Connect essential and PLM® Connect professional (Page 33)

Desktop software

PLM® Viewer and PLM® Mapping (Page 34)
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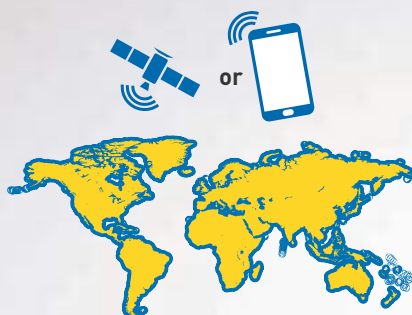
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What level of precision do you need?

New Holland autoguidance solutions are compatible with a full range of guidance correction signals so that you can choose the exact level of precision that your operation requires. Earth and land based receivers use GPS and GLONASS correction signals to determine their own position. However, this alone is not accurate enough for agriculture, therefore a correction signal must also be used.

CORRECTION SIGNALS

**RangePoint RTX 15cm accuracy
and
CenterPoint™ RTX 4cm accuracy**



RTK 2.5cm accuracy



PLM® Connect RTK 1.5cm accuracy

PLM® Connect RTK provides a cellular-delivered RTK correction signal, and is available through a subscription at participating New Holland dealers. This system delivers consistent sub-inch accuracy and reliable signal availability anywhere within the Network. Further advantages include no line shift, like those experienced when switching between bases in traditional Single Base Station Solution and no line-of-sight limitations.

Precision	RangePoint RTX 15cm	CenterPoint™ RTX 4cm	RTK 2.5cm	PLM® Connect RTK 1.5cm
Spraying	●	●	●	●
Spreading	●	●	●	●
Tillage	●	●	●	●
Mapping	●	●	●	●
Mowing	●	●	●	●
Harvesting		●	●	●
Seeding		●	●	●
Hoeing			●	●
Bed forming			●	●
Precision planting			●	●
Strip till			●	●

Intelligent operation for intelligent machines.



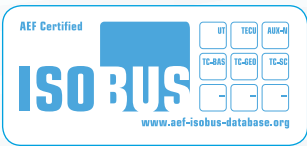
IntelliView™ IV touchscreen monitor

The IntelliView™ IV colour touchscreen monitor is your partner in all farming operations. The IntelliView™ IV is standard on New Holland SideWinder™ tractors, all CX and CR combines, the FR forage harvester range and Speedrower self-propelled Windrowers and on the BigBaler range. The IntelliView IV can also be used as a second screen for precision farming applications on New Holland tractors fitted with the SideWinder armrests, and CX and CR combines with the Harvest Suite™ cab.

Guidance Machine control

IntelliRate™ control system

IntelliTurn automatic headland turn system



Plug and play ISO BUS compatibility

Up to three cameras

USB flash drive

Guidance patterns





STRAIGHT



HEADING



CURVE



SPIRAL



CIRCLE



FIELD



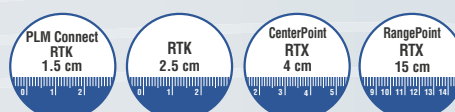
MULTI SWATH

The new IntelliTurn feature permits to automatically turn the tractor at the headland when guidance is engaged, giving the possibility to the operator to focus on the other operations, increasing comfort and reducing fatigue.

Guidance options with IntelliView™ IV

- Assisted guidance with the IntelliSteer® lite system
- Fully integrated autoguidance with IntelliSteer® system

Accuracy levels



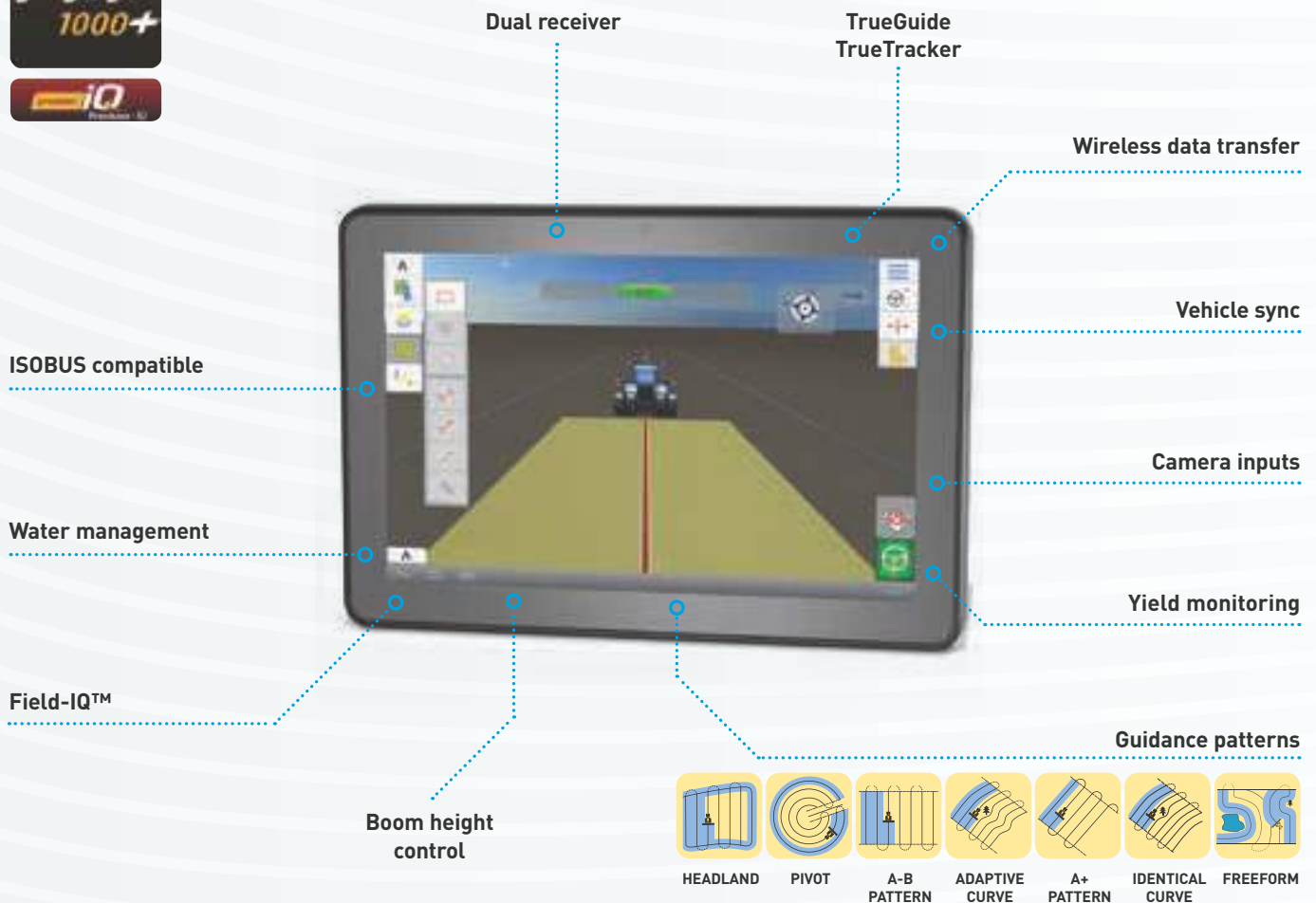
This product is suitable for:



Advanced monitors for advanced farming.



The most sophisticated guidance systems require an intuitive monitor that provides instant control of all key parameters and real-time feedback based on actual field conditions. The XCN-2050™ monitor can be fitted to a range of machines, as and when required, which means operators benefit from only needing to learn how one screen works, this significantly enhances operational efficiency.



Guidance options with XCN-2050

- Manual guidance – Lightbar
- Assisted guidance with EZ-Pilot™ system
- Integrated autoguidance with Autopilot™ system

This product is suitable for:



Accuracy levels



FM-750 display.

The cornerstone of guidance, capable of 2.5cm accuracy.



The FM-750 is a multi-function display, and has a built-in receiver that allows you to choose the accuracy your application requires from +/-20cm to +/-2.5cm pass-to-pass and year-on-year. When you need a DGPS guidance system that saves you time, fuel and inputs, look no further than the FM-750.

20.3cm touch screen

Switch to Night Mode for better visibility at night. At row ends, easily find the next path with SwathFinder assistance.

27 bright guidance LEDs

Give you quick on-line visual feedback to keep you on track.

Attachable RTK Radio

Dual external video input

Planter and sprayer monitoring and control

Boom height control

Boom height control Automatically adjust the height of your sprayer boom when used with Field-IQ™ control system.

Built-in GPS and GLONASS receiver

Upgrade to receive GLONASS satellites and increase your satellite availability to extend your operating hours.

USB stick

Simply transfer your day's coverage maps to your computer and easily print out coverage reports and import/export field and coverage maps.

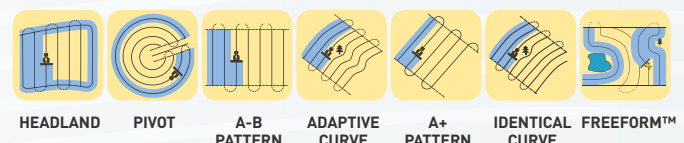
Field-IQ™ crop input control systems compatible

With compatible control systems use section control and variable rate application control technology to prevent seed and fertilizer overlap and manage the rate of seed, liquid or granular application.



External lightbar

Position the optional lightbar just where you want for at-a-glance guidance path information.



Guidance patterns

Offer guidance flexibility, allowing you to work in different patterns and shapes that best fit your fields' layout and contours.

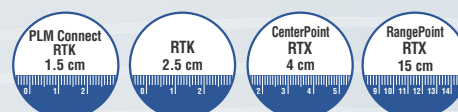
Guidance options with FM-750

- Manual guidance – Lightbar
- Assisted guidance with EZ-Steer™ and EZ-Pilot™ systems
- Integrated autoguidance with retrofit Autopilot™ system

This product is suitable for:



Accuracy levels



EZ-pilot/ Ez-Pilot Pro and Autopilot Motor Drive. The “invisible” steering assistant.



Ez-Pilot system

Using data from GPS receiver, the EZ-Pilot controller send precise instructions to the steering motor wheel. T3 terrain compensation technology continually corrects for roll, pitch and yaw by using three axis solid state inertial sensors to give you a true on ground position



Autopilot™ Motor Drive

Upgrade your EZ-Pilot™ system with the Navigation Controller III to create the Autopilot™ Motor Drive system. This system provides higher accuracy at low speeds and enables reverse drive operation.



This product is suitable for:



Compatible display

- FM-750 monitor
- FM-1000 monitor
- XCN-2050™ monitor





EZ-Pilot steering motor wheel - Flexible installation options

You have the choice of using your machine's original steering wheel or installing the optional steering wheel which provides an offset that returns the wheel back to the original height.



Ez-Pilot PRO system

The New Ez-Pilot Pro system is a high-performance solution relying on the EZ-Pilot engine, the new XCN-1050 display and the NAV 900 guidance controller that includes receiver and terrain compensation functionalities in one device.



This product is suitable for:



Compatible display

- XCN-1050 monitor



IntelliSteer® lite system. The integrated “light” solution.



New Holland knows that each farmer has their own autoguidance requirements, and that is why you can count on the efficient IntelliSteer® lite solution. It is managed through the existing IntelliView™ colour touchscreen monitor, keeping the cab uncluttered and delivers outstanding accuracy, as high as 1.5cm when used with an RTK correction.



IntelliSteer® lite. Intelligent assisted guidance.

The all-new IntelliSteer® lite solution offers the user experience of traditional IntelliSteer® fully integrated autoguidance with the flexibility of being able to quickly and easily remove it and install it on another machine on your farm. Perfect during harvest, when you can simply remove it from your tractor and install on your New Holland combine. Controlled through the in-cab IntelliView™ colour touchscreen monitor, this intuitive system offers get in and go efficiency with pass-on-pass and year-on-year repeatability as high as 1.5cm when used with an RTK correction signal.

This product is suitable for:



Compatible display

- IntelliView™ III colour touchscreen monitor
- IntelliView™ IV colour touchscreen monitor





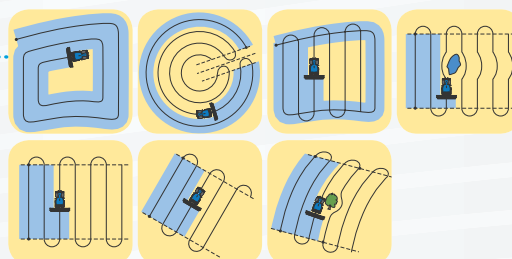
NH 372 receiver

This top of the range receiver is compatible with RTK Radio Transmission, RTX and GLONASS correction signals to guarantee year round, and season after season productivity and accuracy. Its slim profile makes it perfect for all machines.



CYGNUS-A receiver

This mid-range receiver is also compatible with IntelliSteer® lite assisted system. It can be upgraded from EGNOS to the new signals available in the PLM® offering PLM® 1 and PLM® 2, giving respectively 15cm pass to pass and 5cm pass to pass accuracy. The receiver is fully compatible with PLM® Connect RTK.



IntelliView™ - visible intelligence

The ultra-widescreen 26.4cm IntelliView™ IV colour touchscreen monitor can be used to manage the optional IntelliSteer® lite autoguidance system. The IntelliView™ monitors enable fingertip programming of a variety of guidance paths, from straight A-B runs to the most complex adaptive curves. You can personalize your settings simply and easily and also transfer data using PLM® Connect File Transfer and PLM® desktop software packages.



IntelliSteer® lite controller

This control system is used to manage both the vehicle's steering and the steering control systems. It can measure inertia and has a built-in compass to determine the vehicle's heading which works even when the vehicle is stationary and resumes quickly after key on.

Fully integrated New Holland autoguidance.



IntelliSteer® system

IntelliSteer® is a fully integrated New Holland designed and developed Automatic Steering System. Available from the factory or as a retrofit package, the IntelliSteer® system maximises productivity and efficiency to optimise your yields and to increase your profits. Matching DGPS or RTK Technology to fully integrated control, IntelliSteer® helps ensure parallel pass-to-pass accuracy of up to 1.5cm. IntelliSteer® is the natural choice for precision work in even the most demanding conditions and it has been designed to dramatically enhance operator performance and comfort. Furthermore, this can be linked to Controlled Traffic Farming (CTF) applications.

A complete guidance package

You can order your machine with either IntelliSteer® as a factory installed option, or simply with an IntelliSteer® ready package. This top of the range option is available on the T6, T7, T8 and T9 ranges, as well as on the CX7 & CX8 and CR combine series. You can also specify IntelliSteer® on Speedrower Self-propelled Windrowers, to ensure the straightest lines of crop to enhance the productivity of your combines, forage harvesters and balers. The system includes a NH 372 receiver, steering angle sensor, or a solid state gyro, the Navigation Controller III, a hydraulic control valve which converts the signals from the Navigation Controller III into hydraulic movements of the steering system.



IntelliSteer® On and Off simplicity

The CommandGrip™ handle* incorporates a single button that is used to activate the IntelliSteer® system. Making advanced technology accessible is a key New Holland hallmark.

* T6 Auto Command, T7, T8 and T9 tractors.

This product is suitable for:



Compatible display

- IntelliView™ IV colour touchscreen monitor



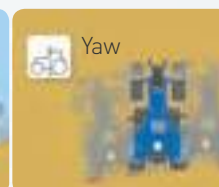
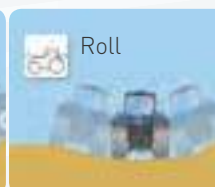
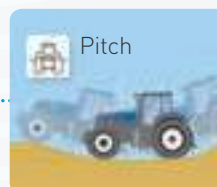
NH 372 receiver

The New Holland 372 antenna receives RTX Range Point and RTX Center Point signals, and tracks GLONASS satellites to guide the vehicle. This antenna can easily be transferred from tractor to tractor or even to your combine or forager. For RTK applications a slim profile radio mounts underneath the receiver.



Headland Turn Sequencing II: hassle free repeatability

HTS II is available as an option. This intuitive system means you can easily record and store all implement sequences and operations at the headland. These can then be played back at the touch of a button. Now, it gets interesting. It's even easier to modify pre-recorded sequences, so when things change, your HTS sequence does as well! Simple, and a great way to improve repeatability and efficiency and to reduce fatigue when working over extended periods.



Navigation Controller III

The IntelliSteer® system benefits from the industry leading Navigation Controller III device with T3™ terrain compensation technology.

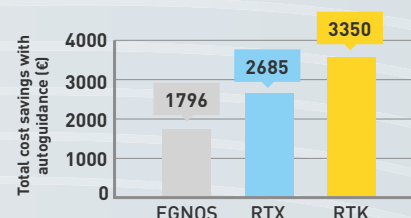
New Holland integrated steering sensor

This built in steering sensor measures highly accurate wheel angle information on all terrain and sends it to the Navigation Controller III providing faster correction and increased steering accuracy.

Good guidance saves money*

IntelliSteer® helps improve overall operating efficiency. In poor light or during long working days precision driving is not compromised. Improved efficiency saves money. It is as simple as that.

* Based on 500ha farm and 5m wide implement. Including tractor rental, fuel, labour, fertiliser/seed and chemical costs per ha.



Always available. Before or after. On all makes and models.



Autopilot™ system. Meeting your precision requirements.

The Autopilot™ automated steering system, when used with an RTK signal, will give +/-2.5cm repeatability in all field tasks, from planting to harvesting and following any in-field pattern. The Autopilot™ system can be integrated into most brands of tractor and harvesting machinery, and it uses the machine's electro hydraulic circuit to provide automatic guidance. This retrofit solution will significantly increase your efficiency during field preparation, planting and harvesting as you'll be able to drive more accurately and consistently during extended periods behind the wheel.

Implement guidance and RTK increase your accuracy and yields

Compatible with the XCN-2050™ display, and thanks to a DGPS antenna mounted on the implement, the TrueGuide™ and TrueTracker™ systems keep your implement on a repeatable path on inclined fields with steep gradients and in variable soil conditions. Retrofit installation kits are compatible with most manufacturers' implements.



Navigation Controller III

The Autopilot™ system benefits from the industry leading Navigation Controller III device with fully integrated T3™ terrain compensation technology.



This product is suitable for:



Compatible Display

- FM-750 monitor
- FM-1000 monitor
- XCN- 2050™ monitor



**Antenna**

Mounted to the tractor or implement to provide up to 2.5cm pass-to-pass and year-on-year accuracy.

**Vehicle interface**

Receives navigation commands from the Navigation Controller III which controls the vehicle's steering when engaged.

**Autosense™ steering sensor**

This unique steering sensor measures highly accurate wheel angle information on all terrain and sends it to the Navigation Controller III providing faster correction and increased steering accuracy.

Precision harvesting in all conditions.



SmartSteer™ System. Full headers 100% of the time.

The SmartSteer™ system uses a laser beam instead of the traditional optical 3D recognition found on conventional tracking systems, it is perfect for dusty conditions or when harvesting late into the night. When combined with the New Holland PLM® software package, you get enhanced harvesting performance and improved yield mapping.



How it works

By scanning the edge between the cut and uncut crop with a laser eye, the SmartSteer™ crop guidance system automatically guarantees the header is always full, right to the edge. How? It generates an exact line of uncut crop, this then sends signals to the steering system to follow this precise path. The result? Operators can concentrate on other combine functions to maintain maximum performance. The most advanced system is available on CX7 & CX8 and CR combines, as the operator can set the laser scanner to detect the crop edge on either the left or right hand side courtesy of simple in-cab controls. On the CX5 and CX6 range, only the left hand side of the header can be detected. As the SmartSteer™ system is fitted to the combine itself, it is fully compatible with all types of header, offering you ultimate accuracy with operational flexibility as standard.





Combine maize header guidance.



Forage harvester maize header guidance.

Row Guidance System. Maize headers solution.

Maize headers can be specified with row guidance to keep the combine or forage harvester perfectly on course. Two sensors continuously monitor the position of the crop entering the header, and automatically guide the machine to ensure true perpendicular entry even in poor visibility or at high speeds. The system can also be linked to a GPS positioning system, which can distinguish between cut and uncut rows, to facilitate night-time harvesting and advanced harvesting activities such as skip row functionality.

These products are suitable for:



Availability

SmartSteer™ system is available on CX5 & CX6, CX7 & CX8 and CR.

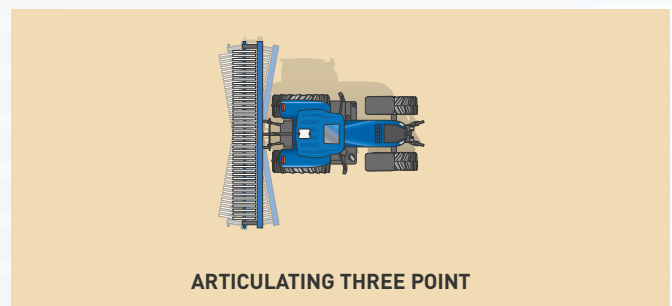
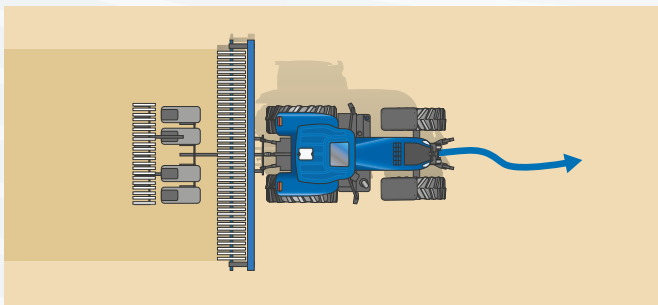
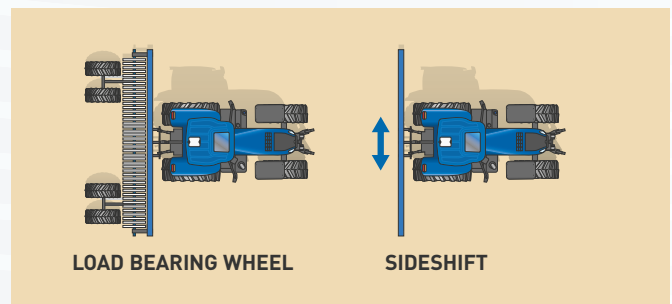
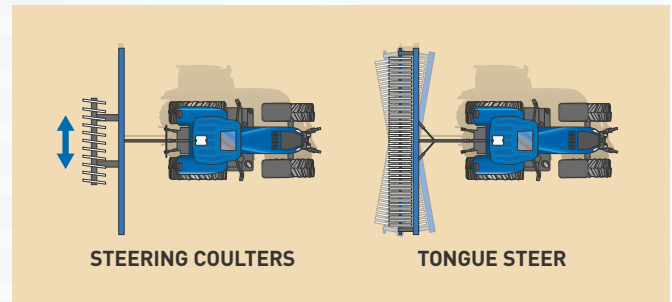
Row Guidance System is available on CX5 & CX6, CX7 & CX8, CR and FR.

Implement guidance for true in-line and on course operations.



Keeping your entire production on course

Guidance is mainly focused on the machine itself, but when working with large implements, such as the very widest planters and seed drills, the implement also needs to receive a guidance correction signal to ensure that it perfectly follows your tractor. After all, there is no point in keeping the tractor on the straight and narrow while your drill slips slowly down the hill! New Holland has developed a range of solutions that can work in three dimensions for ultimate whole vehicle accuracy.



TrueGuide™ – implement control

The TrueGuide™ implement guidance system uses the existing tractor Autopilot™ system to improve implement accuracy. There is no need to hang additional steering equipment off of the implement for better control or to minimize the downdraft effect on severe hillsides. Simply let your Autopilot™ system pull the implement up the hill and ensure it toes the line. In short, the tractor is steered off line, to keep your implement on line. This system is XCN-2050™ compatible.

TrueTracker™ – take full control

The TrueTracker™ system is an independent navigation system mounted on the implement that communicates with the tractor's Autopilot™ system to provide you the highest level of accuracy. The TrueTracker™ system independently steers the implement on a repeatable path, even on extreme slopes and in variable soil conditions, using a hydraulic solution together with T3™ terrain compensation technology which is mounted on the implement. TrueTracker is compatible with the XCN-2050 display.

These products are suitable for:



Input control systems: managing inputs to maximise outputs.



Automatic section control

Optional section control automatically shuts off rows or sections, eliminating double application of seed and fertiliser.



WITHOUT SEED MONITORING



WITH SEED MONITORING

IntelliRate™ Control

The optional IntelliRate™ Control is a variable rate and section control system that allows you to control rate and flow applications on mixed fleets of implements using an integrated New Holland IntelliView™ IV display.



Variable rate application control

Variable rate applications are used to better manage the variability in the field. Thanks to prescription maps loaded into the screen, the system can automatically change rate for liquid and granular applications.



Manure Management

Spreading waste-based nutrients can help you grow more, while lowering fertiliser cost and protecting the environment. Manure management using the FM-750 will record dispersal location and keep track of the nutrients that have been applied on your farm.



These products are suitable for:



Smart implement control.



PLM® ISO task controller

Control mixed fleets of ISOBUS compatible implements using your integrated New Holland IntelliView™ IV display.

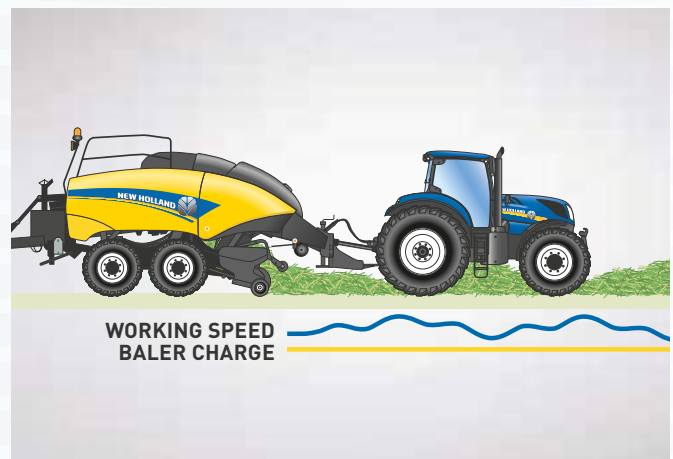
- Send commands to an ISOBUS compliant implement to modify its actions based on GPS positioning
- Automatically switch on/off planter/sprayer sections
- Prevent seed and fertiliser overlap
- Control application rates with prescription maps
- Map and log job dates
- Single display solution on New Holland equipment for running key tractor functions, autoguidance and controlling mixed fleets of implements



IntelliCruise™ system. Optimised capacity. Ultimate uniformity.

The IntelliCruise™ feature controls the tractor's forward speed through ISOBUS Class III technology, increasing productivity, improving operator comfort, improving fuel savings and optimising feeding rate in varying field and crop conditions. This system IntelliCruise has two running modes.

- In **Charge Control mode**, the tractor speed is adapted to achieve optimum capacity measuring both the throughput of crop fed into the stuffer feeder channel as well as the time to fill it
- In **Slice Control mode**, the tractor's speed is adjusted according to bale slice thickness and the system will strive to obtain the exact amount of slices defined by the operator



IntelliBale™ technology

IntelliBale™ technology means that the Roll-Belt baler can communicate with your tractor. It will bring the tractor to a halt as soon the pre-set bale diameter has been reached, net wrap application begins automatically and then the tailgate is raised. A sensor on the bale ramp tracks the complete process and closes the tailgate as soon as the bale has been ejected. A signal is then given to the operator to move forward. The benefits of the system are:

- Increased productivity
- Reduced operator fatigue
- Uniform bale size
- Reduce fuel consumption





These products are suitable for:



Efficient PLM® solutions for baling operations.



Solutions for balers

Precision farming has been engineered by design into the New Holland balers to provide you with real-time information to maximise both crop and equipment performance.

- IntelliCruise System (ISOBUS)
- IntelliBale (ISOBUS)
- Additive application
- CropID system
- Moisture sensing
- ActiveWeigh™ system



Identify each and every bale with CropID™

The CropID™ system records information in real time about every bale. As the bale passes through the chamber, an empty radio frequency ID tag is applied, and when it exits the chamber, and passes off the chute, the information recorded by the CropID™ Precision Information Processor, including bale weight, moisture content, date and time and its GPS location, are transferred onto the tag. An infrared scanner can be used to read the tag and to ensure the correct bale is selected for every situation.



Precise additive application

All BigBalers are equipped with precise additive application systems which interface with the on-board moisture sensors to deliver the precise amount of crop additive to guarantee quality.





Baler moisture sensing

It is imperative to record bale moisture, as an over-wet crop will spoil and be useless. The BigBaler moisture sensor uses two star wheels to penetrate the bale and an electric current is passed through to determine the exact moisture of the bale. This is then displayed on the IntelliView™ monitor which prevents unready crop from being baled, and enables the precise application of additive.



On the go ActiveWeigh™ system

Bale weighing sensors are integrated into the bale discharge chute of the BigBaler and register the weight of the bale at the point at which it becomes free from the chute, just before it drops to the ground with a 2% accuracy. The ActiveWeigh™ system is independent of bale length, field conditions and baler movement. All information, including single bale weight, average weight, total weight and tonnes per hour are all displayed on the IntelliView™ monitor. Furthermore, this all happens while you continue to pick-up for non-stop baling.

These products are suitable for:



Efficient PLM® solutions for foraging operations.



Solutions for Self Propelled Forage Harvesters

Precision farming has been engineered by design into the FR forage harvester series to provide you with real-time information to maximise both crop and equipment performance.

- With the precise additive application, crop additives are automatically managed by the on board moisture sensor
- Collect your data in the field thanks to the yield mapping feature
- Let your FR fill the trailer for you with the IntelliFill™ system
- Adopt automatically the length of the chop with the ActiveLOC™ for improving the silage quality



Precise additive application

All forage harvesters are equipped with precise additive application systems which interface with the on-board moisture sensors to deliver the precise amount of crop additive to guarantee quality.



Forage harvester yield mapping

Precise yield data is also displayed on the IntelliView™ monitor, thanks to sensors that are located in the feed roll linkage which analyses crop throughput; this is combined with the machine's forward speed to give accurate yield information. This data can be printed out on the on board job printer.



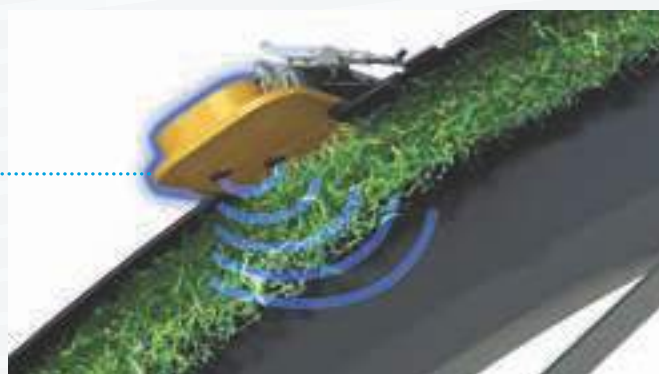


IntelliFill™. Let your FR fill the trailer for you.

Operating a forage harvester requires extensive experience and a high level of concentration. For maximum focus on crop flow and in-field progress, the ingenious 3D camera-based IntelliFill™ system automatically detects the trailer edge and monitors filling. Whatever the trailer size or shape, it automatically controls the spout movement to perfectly fill right to the trailer's edges without spillages.

NIR On-board

The NIR sensor, by analysing the spectrum of the material, provides a way to measure the nutritional composition of the harvested crop.



ActiveLOC™ technology: moisture adapted chop length

The FR now features revolutionary ActiveLOC™ technology. Real time moisture sensing is used in combination with pre-set chop length parameters to control the length of the chop depending on moisture content. This increases clamp density as well as improving silage quality for an enhanced nutritional profile.

These products are suitable for:



Manage your harvest for guaranteed returns year after year.



Solutions for Combines Harvesters

Precision farming has been engineered by design into the TC, CX5, CX6, CX7 & CX8, CR combines to provide you with real-time information to maximise both crop and equipment performance.

- Collect your harvest data in the field thanks to the yield mapping feature
- Monitor your yield and moisture content in real time with the on board sensors*

* Available from factory on CR, CX8 / 7 / 6 / 5 series



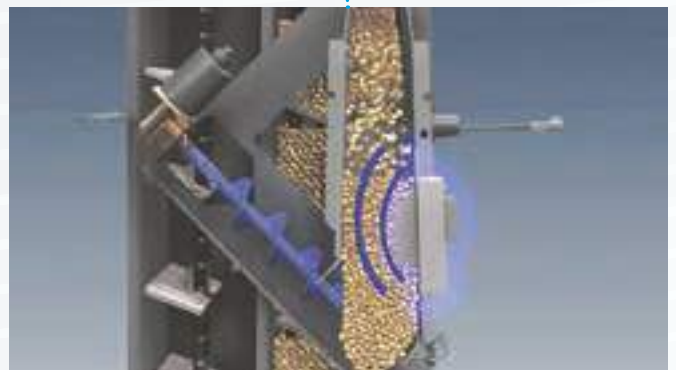
Combine yield mapping

The exclusive patented, high accuracy yield sensor developed by New Holland is generally recognised as the best in class. Its design neutralises the rubbing effect of grain. Whatever the kind, the variety or the moisture content of the kernel, the sensor generates an extremely accurate yield measurement. If that wasn't enough, once you have initially calibrated your sensor at the beginning of the season, no further intervention is required.



Real time combine moisture sensing

New Holland's moisture sensor measures grain moisture in real time. Samples are taken every 30 seconds and the data is sent to the IntelliView™ monitor. As the information is delivered in real time, the operator is kept continually informed and can adapt machine parameters accordingly. For the most accurate readings, sensor calibration is required for each different crop type.





New Holland precision farming packages enable you to tailor your inputs to reduce your costs and increase your yields. This information is recorded in real time by your machine during working, and it is simply and efficiently transferred for analysis by the computer package from the IntelliView™ IV monitor via the complementary 4GB USB stick, which is large enough to record data from over 600 - 700 harvesting hectares.

These products are suitable for:



Efficient PLM® solutions for specialist grape and olive operations.



The finest grapes make the finest wines

EnoControl™ grape harvesters read pre-prepared harvesting maps in real time to sort grapes of differing qualities into two different hoppers to ensure that only the finest grapes make the finest wines. Part of the premium viticulture strategy, you can be sure to increase your profits. Furthermore, these maps can be used to control inputs to bring uniformity to yields and to manage costly inputs. FORCE-A's award winning Multiplex anthocyanin sensor enables you to access real time grape maturity information on Braud 9000 machines.



These products are suitable for:





NH 162 receiver

This standard receiver can be used for field mapping. It can receive EGNOS correction signals and is a differential GPS receiver. It boasts a strong magnetic attachment as well as a simulated radar output.



The clear path for success

Row tracing technology uses guidance correction signals and a machine-mounted antenna to ensure that each and every row is covered just once. This consigns duplicated rows and wasted inputs to the history books, increasing harvesting productivity and efficiency as well as reducing operator fatigue during long working days as they automatically know just where to go.

Connected vehicles for efficient farming.



Connected. Productive. Efficient.

Agriculture is constantly evolving, and split second decisions have an enormous impact on your business' profitability. New Holland's goal was to place farm managers and contractors in every field, even when they are sometimes hundreds of miles away. This is now possible thanks to PLM® Connect. Using mobile telephone technology, users receive dynamic, real-time information on every machine working in their field and can analyse that data to make correct decisions for each and every machine in each and every field.



OPEN

PLM® Connect is fully compatible with all brands of machine and implement. Giving you the flexibility to pick the right machines for your farm. Always.



CONNECTED

PLM® Connect can help you optimise large machinery fleets: you can plan the next operation based on where machines are now. By keeping an eye on the online vehicle dashboard you can maximise uptime, improve productivity and efficiency and even optimise fuel consumption.



SMART

Intuitiveness defines PLM® Connect technology. An intuitive in-cab display means operators can efficiently browse key parameters and communicate with the farm.



SUPPORTED

New Holland is available around the clock, 365 days per year to enable you to get the very best out of your PLM® Connect portal.



The perfect PLM® Connect package for you.

No two agribusinesses are alike, as such New Holland has undertaken extensive customer consultation with a wide range of farmers and contractors from across the globe, to ensure that the PLM® Connect offering is right for your farm.



PLM® Connect Essential

If you are a medium sized farmer looking to maximise your productivity and to manage your costs, then the PLM® Connect Essential package is for you. This system can also be fitted to equipment and tractors without CAN Bus technology. It offers vehicle mapping and monitoring facilities to enable you to keep a close eye on just what is happening in your fields.

PLM® Connect essential includes:

- Vehicle/Fleet Management
- Vehicle/Fleet Status
- Reports
- Curfew and Geofence
- Virtual Dashboard
- Alerts



PLM® Connect Professional

Large farmers and contractors will choose PLM® Connect Professional thanks to the in-depth, real time information it provides on every machine, no matter how near or far. Fitted to vehicles with CAN Bus technology, it sends detailed operating information back to the farm office, which enables you to advise the operator to modify machine parameters to instantaneously improve productivity and operating efficiency. PLM® Connect Live allows fleet managers to have a real time connection with their vehicles.

PLM® Connect professional includes (in addition to essentials):

- Advanced Vehicle/Fleet Status
- Advanced Reports
- Messaging
- Vehicle Display
- Data Transfer



Optional Data Transfer

Using Data Transfer, an option available within the PLM® Connect Professional package, operating information is transmitted instantly from the machine to the farm office using mobile telephone technology. This enables you to make decisions based on actual operating conditions. Just think, you can monitor all of your machines which may be, literally hundreds of miles apart. The result: now you can be in more than one place at once.



A complete software package for 360° farm profitability.



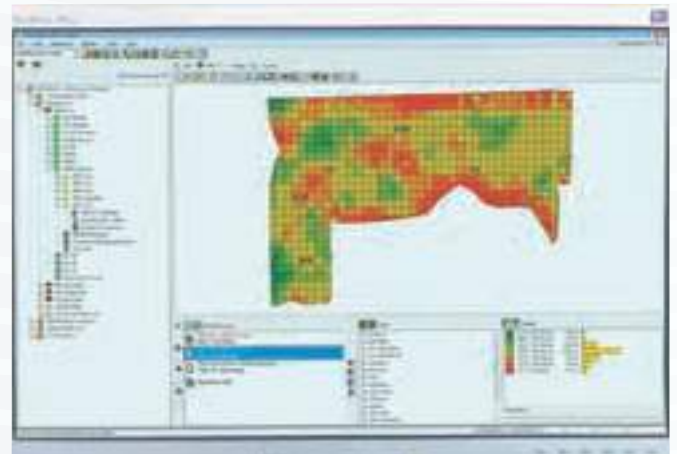
Advanced PLM® operations are demanding increasingly sophisticated monitoring and management techniques, and New Holland has introduced an upgraded PLM® software package to meet those requirements. PLM® software is accessed via the PLM® portal.

PLM® Viewer

A zero-cost package, that enables the reading and writing of data such as client, farm and field names together with job data including yield and coverage maps to popular precision farming devices.

PLM® Mapping

This is the main package for record keeping of fields, mapping and analysis. You can layer a variety of topographical and yield maps to establish yield performance, and compare these with average multiple year maps to identify areas that deliver consistently high or low yields. Variable rate prescription maps using formulas based on soil types can also be created, together with yield or other maps. Guidance paths can be created or edited, and reports can be printed for seeds varieties, restricted use chemicals, fertiliser usage, equipment maintenance and more.



PLM® Water control

Water is precious and it is the lifeblood of your farm. With PLM® Water control you could increase yields by up to 25% and cut your farm's water consumption by up to 30%. The field levelling technology facilitates land levelling and levee design for unsurpassed efficiency. The drainage solution packages integrate survey data, analysis, design, installation and mapping to provide the most efficient drainage package. Further package functionality includes identifying optimal placement of tile and surface drains in both surface and subsurface drainage projects. You can view field topographical data in 3D from any angle and exaggerate the vertical to visualise the shape and slopes of the field. Why not utilise the drawing tools to tie laterals to mains, create parallel lateral spacing and clip drainage lines. How about finalising the layout and design of drainage tiles' by size, pipe type and phase and then enter minimum depth, maximum depth and optimum grade for each.



Always with you in your field.



New Holland knows that when you require support and assistance you don't want to wait, that's why we've developed a three pronged approach to PLM® support. The online My PLM® Portal is an open-all hours, one stop shop for all of your PLM® questions. If you would like to speak to a highly trained operator, then call the dedicated PLM® Top Service number.

My PLM® within the My New Holland Portal

Via the My PLM® Portal you can receive an upgraded service, with online support, together with classroom training in your own language. You can browse the latest PLM® news, search for additional product information and user guides as well as accessing the 'My Account' area which contains all of your own personalised information. You can even find out how to get even more from your PLM® solution with on-line training videos and tutorials.



PLM® Academy App

When you are on the go, the new PLM® Academy App gives you remote access to valuable tutorials and videos through your smartphone or tablet.

- Remotely access tutorials, even while in your machine
- Easy access for machine operators
- On the job learning while in the cab or field
- Videos and tutorials can be watched in 'off-line' mode
- Continuously updated content

www.plmacademy.newholland.com

PLM® Certified Dealers

In order to deliver top quality service and support, New Holland has developed the PLM® Certified Dealer programme. Wherever you see this logo, you're sure to find experts to support your PLM® investments.

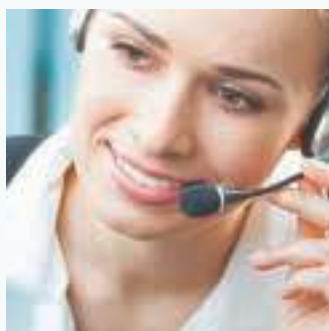


PLM® Top Service call center

A dedicated PLM® hot-line is available around the clock with highly trained operators waiting to take your call and resolve any potential issues and answer any questions you may have.



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!



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.

AT YOUR OWN DEALER



www.newholland.com/uk - www.newholland.com/ie



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