



## ISOMATCH PRODUCT RANGE

THE COMPLETE PRECISION FARMING OFFERING

# WHEN FARMING MEANS BUSINESS

Building a profitable operation. Investing in the future, using economies of scale. Farming is about growing, not only a crop or livestock, but also a profit. Because in the end farming comes down to business.

It starts with clear goals, the right strategy and holding on to your plan. Proven technology can help to realize your goals, as long as the investment in machinery contributes to efficiency, precision and lower cost.

Kverneland is a partner for entrepreneurs in agriculture. By providing top quality implements with the lowest total cost of ownership. Smart solutions to manage your success in agriculture.





Our precision farming offering is essential in managing your business with success. Applying electronics, software, satellite-technology, online tools and Big Data enables you to use your equipment more effectively and reach higher profitability of your crops.



GREAT OVERVIEW

HIGHEST EFFICIENCY

MAXIMUM PROFIT



## PRECISION FARMING

### THE KEY TO HIGHER PROFITABILITY

**Farming today is about sustainability; productivity with more efficient and careful use of land, water, and fertiliser. Smart hardware and software solutions, such as sensors on Kverneland Implements, provide the ability to exchange data between tractor, terminal, and implements, enabling a better management of soil and crop production and optimisation of farm operations.**

Since the late 90s, Kverneland Group has been strongly investing in the development of smart/precision farming technology for implements, all aimed to make the practice of farming more easy, accurate, and controlled when it

comes to growing crops and raising livestock. Our key basis component is the ISOBUS technology on the implements, and IsoMatch terminals to make use of information technology such as GPS guidance, control systems, sensors, variable rate technology, automated hardware, telematics, and software. running your farm as a successful business.

iM FARMING - smart solutions that make tough and demanding conditions less complicated and support you towards a profitable way of working.

*Your investment in Kverneland precision farming equipment contributes to efficiency, precision and therefore profitability.*



## BE A PRO IN INCREASING PRODUCTIVITY WITH THE ISOMATCH TELLUS PRO

As a modern farmer you require efficient, easy to operate machines to reach the best performance and the highest productivity. You want to get the maximum out of your machines and crops, as well as cost savings in fertiliser, chemicals and seeds. To fulfil these demands, Kverneland developed the IsoMatch Tellus PRO universal terminal.



### Ready for the Future

Time is money and to get the highest productivity, no time can be wasted. That is why fast is the keyword for this terminal in the IsoMatch range. With state of the art hardware, you experience a fast responding terminal which can handle more demanding applications. With the IsoMatch Tellus PRO you are ready to work with innovative functions, features and apps. One important advantage is the possibility to connect the terminal to IsoMatch FarmCentre, our telematics solution and smart web application. The maximum working range for the task controller is increased to 10 km from the starting point. This leads to extremely big fields being handled in a fully professional way. And with the high brightness screen you experience even greater operator comfort. Visibility is increased during the day and dimmed to just a glowing display in dark conditions.

With its advanced hardware and software features, this 12-inch terminal provides the optimal solution for an all-in-one control system inside the tractor cab. It is the centre for connecting all ISOBUS machines and a platform running precision farming applications and Farm Management Systems. It offers everything you need to get the maximum out of your machines and crops, as well as cost savings in fertiliser, chemicals and seeds by using automatic section control and variable rate control. With the unique dual screen functionality it gives you the opportunity to view and manage two machines and/or processes simultaneously.



*Everything you need to get the maximum out of your machines and crops*









## EASY CONTROL MANAGEMENT WITH THE ISOMATCH TELLUS GO+

When deciding what equipment to purchase, it is not always easy to find the optimal solution in the broad market offering of today. Technology is developing fast with tractors and implements increasingly being equipped with high-tech electronics. We understand this complexity and are committed to providing you with easy yet advanced farming solutions. Therefore the ISOBUS Universal Terminal, the IsoMatch Tellus GO+, is made for easy machine control and efficient farming.

The IsoMatch Tellus GO+ offers a powerful processor, allowing for significantly faster responsiveness and increasing the ease of navigation. The IsoMatch Tellus GO+ can handle demanding applications like IsoMatch FarmCentre, allowing advanced features and remote connection to your implement for a higher yield at less cost.

Ease of setting up the machine with the soft keys and simple use of the hard keys and rotary switch for optimal control while driving remains the trademark of the IsoMatch Tellus GO+ terminal, and is testimony to Kverneland's commitment to bring farmers the most advanced technologies to improve productivity and efficiency. For your convenience separate licenses for specific functionality are available from the IsoMatch Shop. Allowing you to tailor your investment to your personal needs.





# ISOMATCH UNIVERSAL TERMINALS

## SMART PRODUCTIVE SOLUTIONS

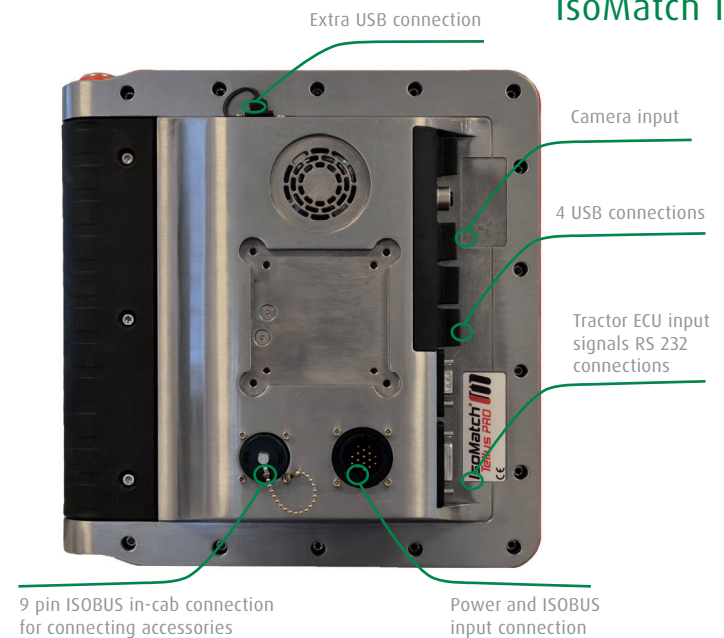
As a professional farmer you want to have high quality machines and electronic solutions performing at their best every time you are in the field. As a leader in ISOBUS technology, Kverneland guarantees your success by providing you with easy farming solutions. By providing full Agricultural Industry Electronics Foundation (AEF) certifications for all our equipment, we ensure compatibility of the IsoMatch Tellus PRO and IsoMatch Tellus GO+ to all ISOBUS machines. Just step into the tractor, turn the key and go! No difficult configurations, the terminal brings the implement automatically into view.

### Enhance your Success with E-learning

IsoMatch Simulator is a free downloadable virtual training program. It simulates all functions of the IsoMatch Universal Terminals and Kverneland ISOBUS machines. Train yourself and make yourself familiar with your machine to avoid errors and enhance your machine performance.



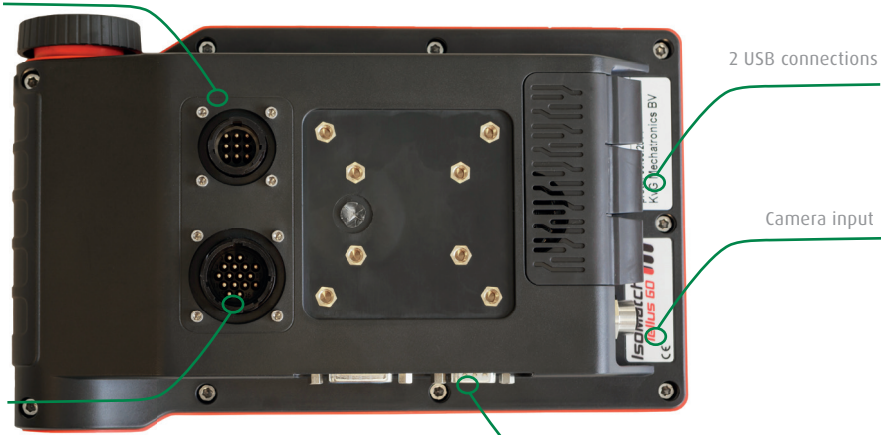
IsoMatch Tellus PRO





### IsoMatch Tellus GO+

9 pin ISO in cab connection for connecting accessories



Universal Terminal	IsoMatch Tellus PRO	IsoMatch Tellus GO+
<b>Hardware Function</b>		
Screen size	12 inch	7 inch
Dual screen	•	-
Touch screen	•	•
Rotary control	-	•
Push buttons	-	•
USB connection	4	2
ISOBUS 9 PIN connector	•	•
Serial port (RS232)	•	•
<b>Software Function</b>		
Universal ISOBUS Terminal	•	•
Tractor ECU	•	•
Task Documentation	•	•
Automatic Section Control license*	•	•
Automatic Variable Rate Control license*	•	•
Manual Guidance	•	•
Calculator	•	•
Integrated digital manuals	•	•
Spreader AutoSetApp	•	•
<b>Accessories/add on</b>		
IsoMatch FarmCentre	•	•
IsoMatch TopRemote	•	•
IsoMatch Global 2	•	•
IsoMatch Grip auxiliary device	•	•
IsoMatch InLine manual guidance	•	•
IsoMatch (Multi)Eye camera system	•	•
IsoMatch Wireless (Wifi) support	•	•

\* Purchase separately



*Reduce overlap and save  
up to 15% on input costs with  
IsoMatch GEOCONTROL*





# ISOMATCH GEOCONTROL

## AN EASY AND PROFITABLE WAY OF WORKING

Realising the full potential of farming is about growing and developing your business. When there is work to be done, you need the optimal setup and solutions to work as efficiently as possible. IsoMatch GEOCONTROL, an advanced precision farming application within the IsoMatch Tellus PRO and IsoMatch Tellus GO+, helps you to control all ISOBUS compatible machines. Combined with a GPS receiver it fulfils the future needs towards an easy and profitable way of working.

### **IsoMatch GEOCONTROL - Section Control (SC)**

The Section Control license makes sure that the implement's sections will be switched on and off automatically. This avoids undesired overlap and operation outside the field border.

- Shut off sections when driving over previously covered areas.
- Shut off sections when driving outside field boundary.
- Shut off sections when driving backwards.
- Headland control.
- Manual override possibility.

### **IsoMatch GEOCONTROL - Variable Rate (VR)**

The Variable Rate license will automatically adjust the rate of your machine based on Variable Rate maps. It enables you to vary the rate of for example seeds, fertiliser and chemicals.

- Forward place specific rate from task to machine.
- Record applied rate from machine to task.

### **Manual Guidance**

- Advised driving position using guidance lines (straight, curved or combined) in the field and on headlands.
- Extendable using the optional IsoMatch InLine light bar to place guidance in line of sight.
- Smart boundary recording: independent from the working width, even without any connected implement.
- Manual guidance for all operations, including nonelectric or non-ISOBUS implements e.g. cultivators, tedders etc.



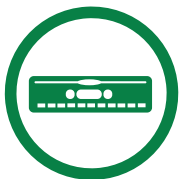


# ISOMATCH GEOCONTROL

## COST SAVING WITH A PAYBACK

### Documentation

All tasks that have to be performed can be uploaded very easily with a USB stick. Afterwards you can create a report the same way. When using IsoMatch FarmCentre, the importing and exporting of tasks and reports can be done remotely without the need of a USB stick.



### Clear Benefits

- Easy and comfortable operation, due to not having to manually switch on or off sections or change the application rate. Focus 100% on driving in the field.
- More efficient work and avoiding overlap leads to cost savings of 5-10% on e.g. fertiliser or pesticides. Better growing conditions and increased yield.
- With IsoMatch GEOCONTROL, even working at night becomes very easy.

### Free of Charge Features

- Documentation: Save all operational job data and field maps for exchange via USB to farm management information systems or the new IsoMatch FarmCentre telematics solution.
- Manual guidance: advised driving direction using guidance lines in the field and on headlands in combination with the IsoMatch InLine.
- Smart field boundary recording: independent from the working width, even without an implement connected.
- Boundary shrinking: create headland boundaries by setting the desired width of the headland.
- Multiple Guidance Lines: add a maximum of 20 guidance lines per field.





*IsoMatch GEOCONTROL  
gives more freedom*





## ISOMATCH ACCESSORIES

### PROFITABLE SOLUTIONS

Tractors and implements are becoming more complex as technology is developing rapidly. More and more machine and terminal functions are available in the market and are essential in improving productivity and minimising disadvantageous aspects. You need the optimal set-up and easy machine control that make tough and demanding conditions less complicated. Therefore we provide you with smart IsoMatch accessories that are made for easy machine management, maximum accuracy and give you the best overview.



#### **IsoMatch Grip**

This ISOBUS auxiliary device is made for great operator comfort and efficient machine control. Its ergonomic shape and the complete freedom of assigning and controlling a total of 44 implement functions from one device are unique in the market today. From your fingertips you have endless possibilities to operate all machine functions as desired. Assignments are saved per machine making it even more applicable to your needs.



#### **IsoMatch (Multi)Eye**

Connect up to 4 cameras to the IsoMatch Universal Terminals. You can easily switch between the cameras without the need for an additional screen in your tractor cab. It gives you full control and overview of the entire machine operation during day and night, because of its night vision by integrated LEDs. This increases safety when reversing the machine or manoeuvring around obstructions.





### IsoMatch Global 3

A GPS antenna system with DGPS accuracy (30-50 cm) for the highest precision possible. It brings you manual guidance, automatic section control, variable rate control in combination with IsoMatch GEOCONTROL.



### IsoMatch InLine

The IsoMatch InLine is a light bar for manual guidance including section status information. Mounted in the line of sight, you can easily see the distance from the guidance line and to which direction you should steer for the ideal position.



"I want to be ready for the future. That is why I decided to buy this Kverneland iXtrack with GPS and the IsoMatch Tellus PRO. Because sections will be switched on and off automatically I avoid undesired overlap and I save on chemicals and costs. And with the dual touch screen, switching between screens is history. Now I have complete overview of my spraying process in one view."

Arno Meijer - The Netherlands  
50 ha potatoes, onions, carrots, wheat, sugar beets and tulips



## A UNIQUE TELEMATICS FOCUS ON THE IMPLEMENT WITH ISOMATCH FARMCENTRE



Today's farming has evolved from individual craftsmanship to precision agriculture. Driven by advanced technology, precision agriculture has a huge impact on traditional farming approaches across the world. To allow for a better overview in farm management, Kverneland has developed the IsoMatch FarmCentre application, the first of a series of telematics solutions. IsoMatch FarmCentre is applicable for all compatible Kverneland machines in combination with an IsoMatch Tellus GO+ or IsoMatch Tellus PRO. Whether you wish to control your fleet, manage tasks remotely or analyse machine performance data, IsoMatch FarmCentre provides this in an efficient web application, linking implements, tractors, terminals and the cloud in one continuous flow of data and connectivity.

*Analyse machine performance data*

### Keep Track of your Machines - Location, Alerts & Data Insights

Whether you are a farmer or contractor with a fleet, IsoMatch FarmCentre gives you a complete overview of your business. You can track the movement of your fleet in real time or verify later where your machines have been operating. Keeping track of multiple machines spread over vast areas has never been so easy! Additionally, all alerts and notifications are sent directly to the IsoMatch FarmCentre web application, and the history of alerts is saved. With IsoMatch FarmCentre, machine performance parameters can be tracked and analysed for optimal performance. Actual information about quantity of pressed bales, fertiliser consumption and more is shown in the application. All this you can check remotely from a computer or even a tablet or smartphone.

### Create Precision Farming Maps

Within IsoMatch FarmCentre you have the tool MyDataPlant, an application to create accurate prescription maps based on biomass development. Combining current condition of your crop and historical data allows you to improve your farming results by tailoring fertiliser, seed and crop protection maps.

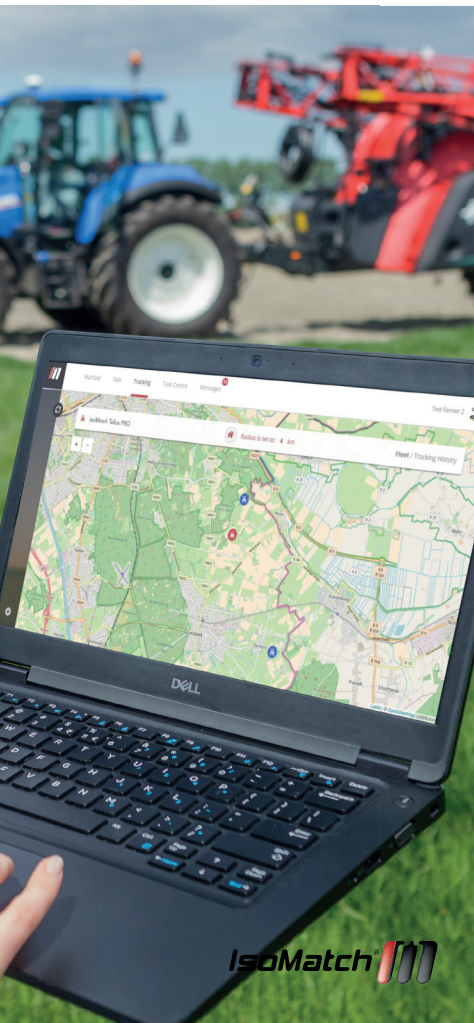
### Remote Task Management

To improve efficiency and save time, the farmer or contractor can send tasks to the terminal remotely. Once the work is done operator can send back that same task directly from the field. Exported data on finished tasks can be downloaded, analysed and used for reporting and invoicing purposes, decreasing your admin time.





## GOOD QUALITY SUPPORT WITH ISOMATCH SERVICE TOOLS

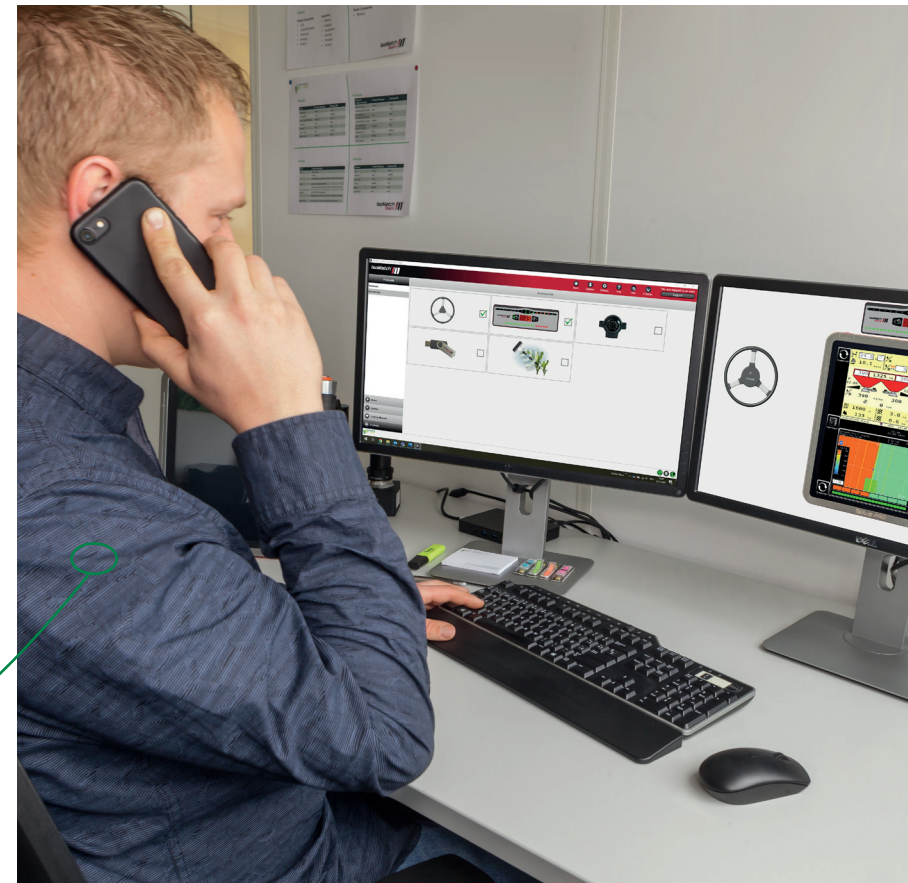


With the increase of technology in precision farming and electronic solutions, you need fast and effective service and support. When you face a problem in the field you expect a solution as fast as possible from the dealer or manufacturer. In some cases the response can be delayed due to traveling time and communication between different stakeholders, which causes you loss of time and money. With the unique position of Kverneland having its own electronic solutions for both its machines and universal terminals, it was possible to develop a service solution for the complete ISOBUS range in order to solve your problem in an efficient way.

### Complete support with IsoMatch TopService

IsoMatch TopService is a professional service tool for Kverneland's electronic products to provide diagnostics and software update capabilities in addition to many other advanced features. It helps the dealer to diagnose and find solutions on the spot, faster and in a simpler way. The tool includes clear and user friendly design, multi-language support, automatic software downloads, release notes, documentation and many other features.

*Supporting farmers,  
Anywhere, Anytime*



**WHEN FARMING MEANS BUSINESS**

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