

IsoMatch

Product Range

2020 - 2021



Smart and Easy Precision Farming Solutions



My way of Farming!

LOOKING FOR SMART & EASY SOLUTION

My way of Farming!



NS?

I enjoy working the land, running my farm and connecting with nature. Farming is my way of life, and despite being rough at times, I never grow weary of everyday tasks like attending to my land and livestock. I keep up with developments by staying loyal to personal philosophies and applying the appropriate strategy.

I shape and influence my own future by combining craftsmanship with modern technology, employing the very best machinery. I actively seek new opportunities, by being innovative in my way of working. I work hard to grow a good crop. I am passionate about my livestock, providing my animals with only the best. My farm and its returns reflect who I am, because my heart and soul is put into the work I do.

Farming is about passion, about growing and developing, my crop, my farm, myself, my way.

Your Craftsmanship, Our Technology

IsoMatch - The Precision Farming Offering

We believe in the freedom to choose your own approach. Precision farming is a way of life. Grow your crops, farm and yourself, your way. Vicon's precision farming offering consists of innovative and custom made equipment, designed to fit your personal vision and beliefs with respect to the heritage of your profession. Smart equipment custom designed to your way of farming. Now you carry out your work in a smarter, more efficient and easier way. That is iM FARMING.

Easy Machine Control

With the IsoMatch Tellus GO+



When deciding what equipment to purchase, it is not always easy to find the optimum solution in the broad market offering of today. Technology is developing fast with tractors and implements increasingly being equipped with high-tech electronics. You want to keep up with these developments and in the same time stay loyal to your personal philosophies. We understand this complexity and are committed to provide you with easy yet advanced farming solutions that fit your way of farming. Therefore the IsoMatch Tellus GO+, is made for easy machine control and efficient farming.

Your first step to Precision

The new IsoMatch Tellus GO+ offers a more powerful processor, allowing for significantly faster responsiveness and increasing the ease of navigation. The IsoMatch Tellus GO+ can now 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 Vicon's commitment to bring farmers the most advanced technologies to improve productivity and efficiency.

“**Made for Easy
Machine Control
and Efficient
Farming ”**



“The Optimum Experience for ***an All-in-one Control System***”

A PRO in Your Profession ***With the IsoMatch Tellus PRO***

As a passionate farmer you want to combine your craftsmanship with an innovative way of working. You demand efficient, easy to operate machines in order to achieve great precision and cost savings in fertiliser, chemicals and seeds, leading to the best quality crops.

To fulfill these demands, Vicon has developed the 12-inch IsoMatch Tellus PRO terminal. With its advanced hardware and software features, this terminal provides you with the optimum experience for an all-in-one control system inside the tractor cab. It is the centre for connecting all ISOBUS machines and a platform for running precision farming

applications. It offers everything you need to get the best 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 control two machines and/or processes simultaneously.

Ready for the Future
Time is money and because farming is your way of living and provides your income, no time can be wasted. That is why 'fast' is the keyword for this new 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 advantage is the possibility to connect this terminal to our new telematics solution and smart web application. The maximum working range for the task controller is increased to 10 km from the starting point. And with the new high brightness screen you experience even greater operator comfort.

IsoMatch Universal Terminals

Be innovative in your way of working

As a proud and professional farmer you want to have the best machinery and electronic solutions performing at the optimum every time you are in the field. As a leader in ISOBUS technology, Vicon guarantees returns 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.

IsoMatch Tellus PRO

ON/OFF button

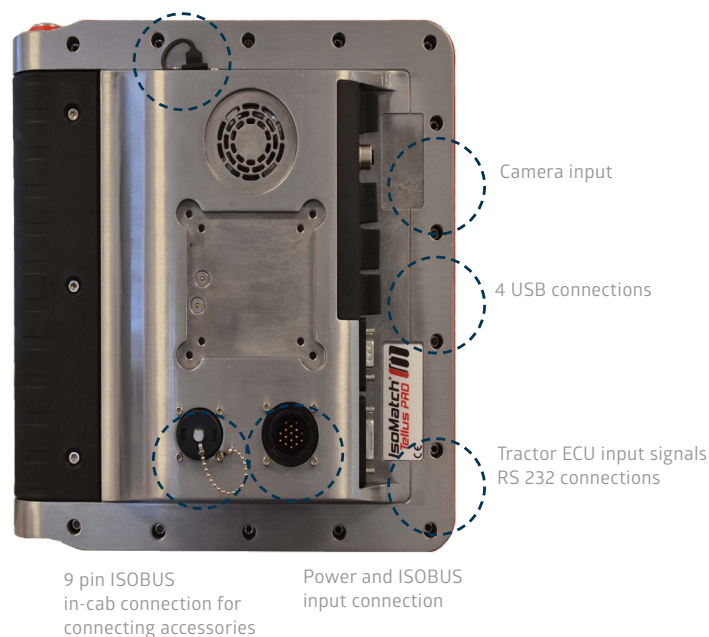
ISOBUS shortcut button



12 inch touch screen

**“Fully in control
with the click
of a button”**

Extra USB connection



Camera input

4 USB connections

Tractor ECU input signals
RS 232 connections

9 pin ISOBUS
in-cab connection for
connecting accessories

Power and ISOBUS
input connection

IsoMatch Tellus GO+

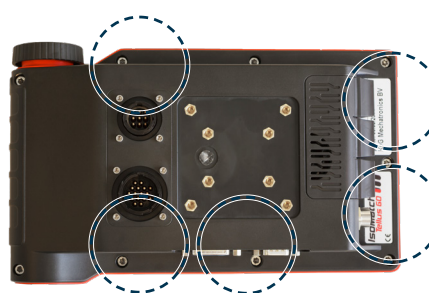
ON/OFF button

Rotary control button

9 pin ISO in cab connection
for connecting accessories

7 inch touch screen

Hardware keys with LEDs



2 USB connections

Camera input

Power and ISOBUS
input connectionTractor ECU input signals
RS 232 connection for GPS receiver

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

* Purchase separately



Develop Yourself with E-learning

IsoMatch Simulator is a free downloadable virtual training program. It simulates all functions of the IsoMatch Universal Terminals, Vicon ISOBUS machines and its Precision Farming application, IsoMatch GEOCONTROL. Train yourself and make yourself familiar with your machine to avoid errors and improve your machine performance.

The Precision Farming Application

An Easy and Precise Way of Working

Working the land, running your farm, connecting with nature and farming are a way of life. When there is work to be done, you need the optimum setup and solutions to work as precisely 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 the IsoMatch Global GPS receiver it fulfills the future needs towards an easy and profitable way of working.



“Optimum Growing Conditions and Increased Yield”

Documentation

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

IsoMatch GEOCONTROL - Section Control

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

With the Variable Rate license you can 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

IsoMatch GEOCONTROL - 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
*gives more
freedom*”

A profitable way *of farming*

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: saves all operational job data and field maps for exchange via USB to farm management information systems or the new IsoMatch FarmCentre possibilities.
- 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 new inner boundaries by setting the desired width of the headland. Manual guidance for all operations includes non- ISOBUS implements.
- Multiple Guidance Lines: it is possible to create multiple Guidance Lines with a maximum of 20 guidelines per field.

IsoMatch Accessories

Modern Precision Technologies

Tractors and implements are becoming more complex as technology is developing rapidly. More and more machines and terminal functions are available in the market and are essential for growing a good crop. Because farming is a way of living and is rough at times you need the optimal set-up and easy machine control that make your way of farming much easier. Therefore Vicon provides you smart IsoMatch accessories that are made for easy and efficient farming.



IsoMatch Grip

The IsoMatch Grip is an ISOBUS auxiliary device developed 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. And assignments are saved per machine making it even more applicable to your needs.



IsoMatch Global 2

Following up our successful IsoMatch Global, we now offer the IsoMatch Global 2. A GPS antenna system with DGPS accuracy (30-50 cm) for the best precision possible. It adds precision to 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 (accuracy: DGPS 30 - 50 cm, RTK 2 - 3 cm).

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.



“Controlling the
Implement
*has Never Been
so Easy*”

Full Control the Way you Want

“This year I bought a GEOSPREAD machine. I decided also to purchase the IsoMatch Tellus GO. Why? Because I want to work efficiently and save costs.

The IsoMatch Tellus GO is easy to use. The set up was extremely easy. Just plug in and go! Of course I also took into account that the IsoMatch Tellus GO was made by the same manufacturer as the GEOSPREAD spreader. This means that I have the quality assurance and compatibility because it all comes from the same company. And with IsoMatch Tellus GO I know it definitely works with other ISOBUS machines.”

Peter Janssen, Nijkerk - The Netherlands

1100 ha wheat, potatoes and sugar beets

Discover new Opportunities *With IsoMatch FarmCentre*

Today's farming is evolving from individual craftsmanship to precision agriculture. This will have a huge impact on authentic farming approaches across the world. To shape and influence your future you combine craftsmanship with modern precision farming technology. You actively seek new opportunities to be innovative in your profession. To allow for a better overview in your way of farming and applying your appropriate strategy, Vicon has developed the IsoMatch FarmCentre application, the first of a series of telematics solutions.

IsoMatch FarmCentre is applicable for all compatible Vicon ISOBUS machines in combination with an IsoMatch Tellus GO+ or PRO. Whether you wish to control your fleet, monitor 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.

Keep track of your machines

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. Additionally, all alerts and notifications are sent directly to the IsoMatch FarmCentre cloud, and the history of alerts is saved. Allowing dealer to access your account for remote support will decrease the risk of downtime and increase your productivity. With IsoMatch FarmCentre, machine performance can be tracked and analysed for optimal performance. Actual information about quantity of pressed bales, fertiliser consumption and more

NEW



is shown in the application. All this you can check remotely from a computer or even a tablet or smartphone.

Create precision farming maps

One of the tools available in IsoMatch FarmCentre is 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

**“Be innovative
in your
profession”**

protection maps.

Remote task management

To improve efficiency and save time, you 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.



Loyal Support *With IsoMatch Service Tools*

Farming is your passion. You put your heart and soul into the work you do to provide the best for your animals and crops. To accomplish this you employ the very best machinery with innovative solutions. But with the increase of technology in precision farming, You also 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 Vicon having its own electronic solutions for both its machines

and universal terminals, it has been possible to develop service solutions 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 Vicon's electronic products to provide diagnostics and software update capabilities. 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 downloads of software, release notes, documentation and many other features.

IsoMatch TopRemote

We understand your frustration when a machine does not work anymore and you fear having to go to the dealer, losing out on valuable farming time. We have therefore developed a new module to our TopService solution which lets you easily report problems and provides the possibility to receive service on the spot, called IsoMatch TopRemote.

With IsoMatch TopRemote, you can easily allow dealer direct access to your terminal and machines via Wi-Fi in order to solve the problem in a quick and cost efficient way without you having to go anywhere. Making sure you do not lose out important weather windows or events.



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My way of Farming!