

Clever farming





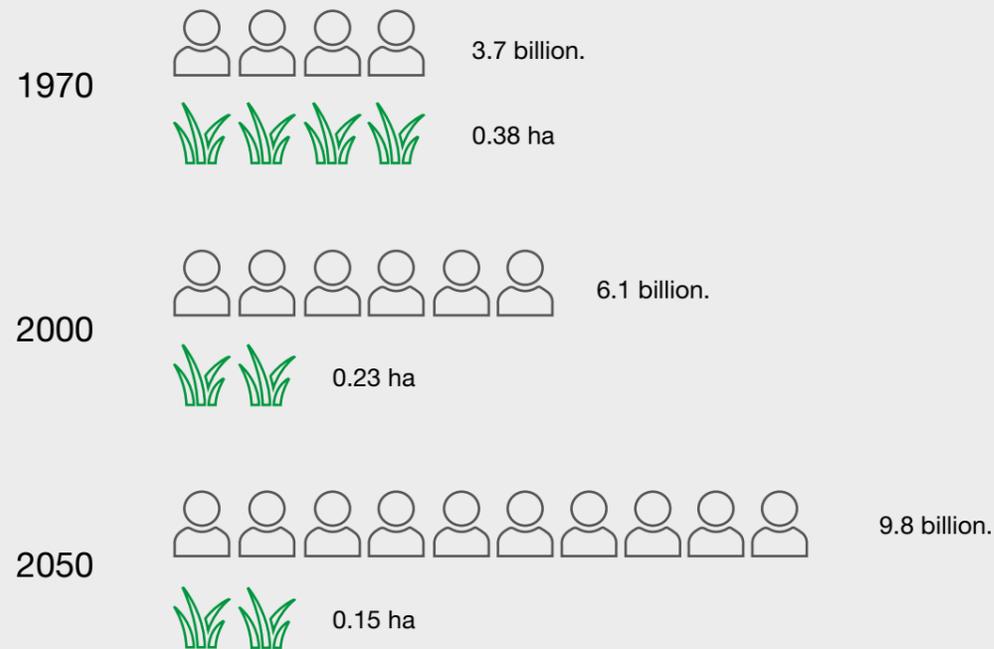
Following the increase in digitalisation of agricultural technology it is becoming more and more important to network individual systems and define manufacturer-independent standards. Data exchange between individual components is possible thanks to PÖTTINGER's cooperation with various service providers, bringing many advantages into the field. We offer you numerous ways of making your everyday work easier so that you can operate more efficiently and conveniently.

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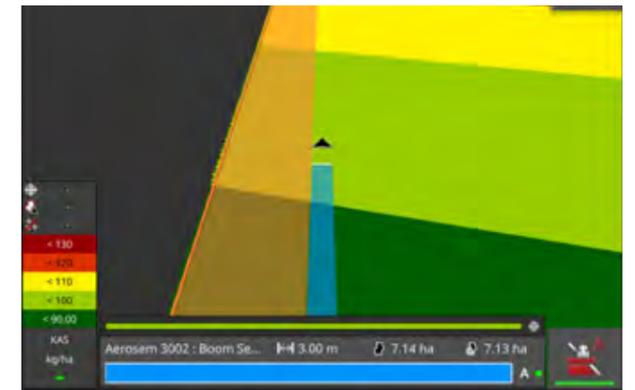
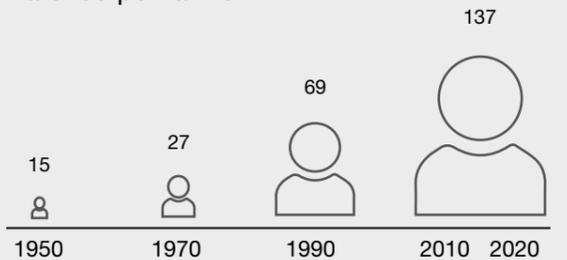
All information on technical data, dimensions, weights, output, etc. and the images shown, are approximate and are not binding. The machines shown do not feature country-specific equipment and may include equipment that is not supplied as standard, or is not available in all regions. Your PÖTTINGER dealership would be pleased to provide you with more information.

Area of agricultural land available per capita*



* Source: www.statista.com

Number of people that are fed per farmer*



Agriculture in transition

Today's farmers have to face increasingly greater challenges: increasing operating costs, climate change, strict documentation regulations and higher capital investments to name just a few. Agriculture is currently dependent on a range of factors that have significantly changed the industry and will continue to do so in the future.

Rapidly growing world population

A glance at the statistics indicates: In the 1970s there were about half as many people on Earth as there are today. And this trend is continuing: Over the next 50 years, experts believe that the Earth's population will rise to over ten billion people. More than ten billion people who need to be fed.

Increasing productivity

Agriculture has changed enormously in the last century. In 1950's 15 people per farmer were able to be fed, it is estimated that by 2030 each farmer will need to feed between 150 and 200 people. Mechanisation, progress in breeding and also digitalisation are some of the milestones that have made this development possible.

Decreasing agricultural area

The ongoing increase in building and road construction has led to the area of agricultural land per capita being more than halved compared to 1970. This means less than half of the original farming area for twice as many people.

(Source: www.statista.com)

Digitalisation in agriculture

Digitalisation is about transforming analog values into digital formats. Data can then be obtained, evaluated, stored and used for information purposes.

This makes important agronomic data available, such as output by area during an process, yield mapping or site-specific seeding rates. You will also need this information for your documentation.

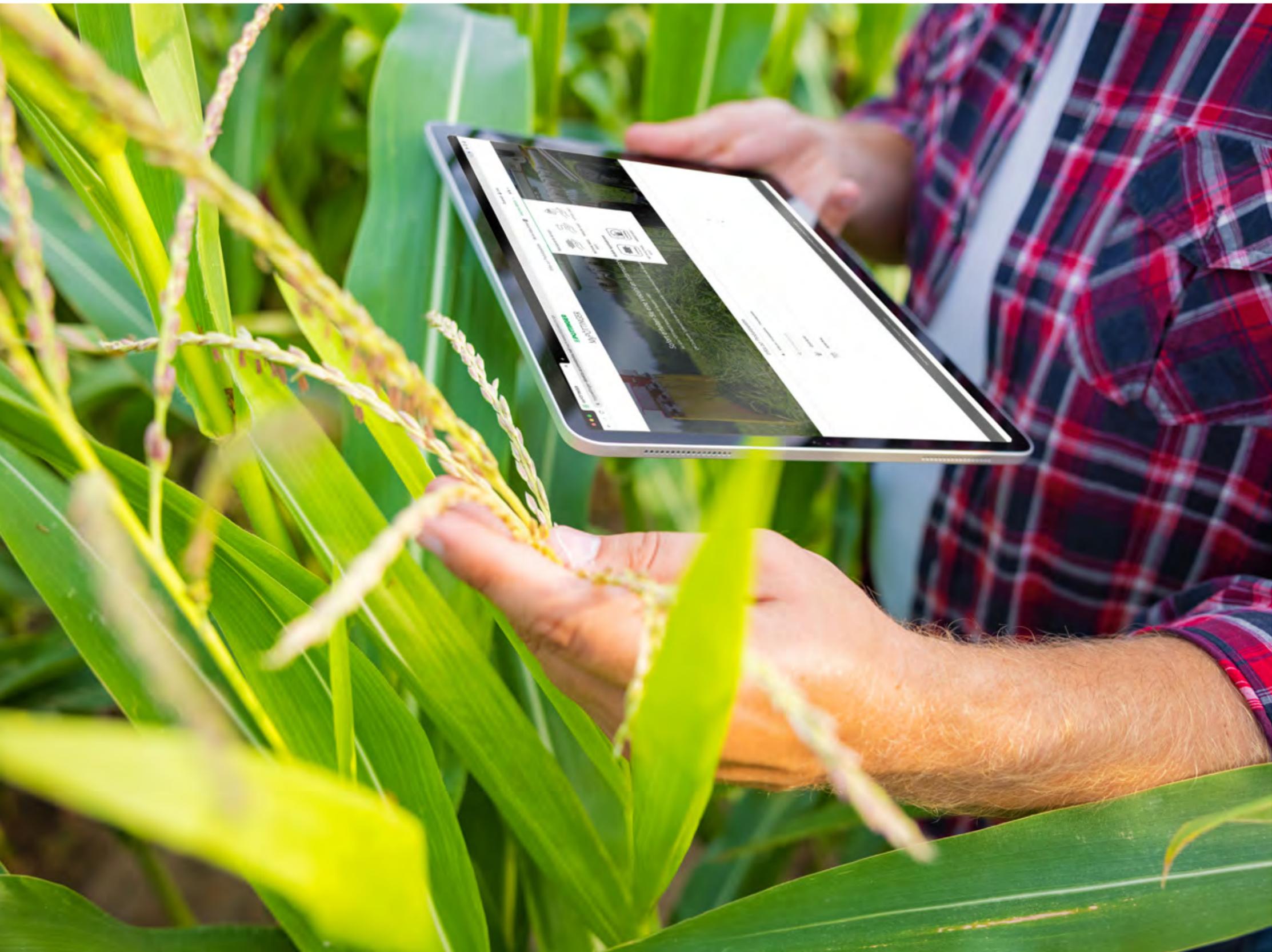
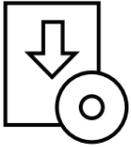
The information about the process is collected and transmitted in real time directly to the documentation system in your office. This means that data related to the field, machinery and office are networked with each other.

The significance of precision farming

In order to meet the challenges of the future, agriculture must be fit for purpose and efficient. Less agricultural land for a larger global population means that the available land must be used in the best possible way, i.e. extremely precisely. Smart Farming, or Precision Farming, includes the following:

- Site-specific processes and precision management of farmland ...
- ... taking into account biotic (e.g. potential pests) and abiotic (e.g. soil composition, temperature) factors within each field.

The prerequisite for Precision Farming is networking so that data can be exchanged between each piece in the puzzle and processed for information purposes.



Making your working day easier

Machines are becoming more and more precise and can perform several tasks simultaneously. The range of software solutions available is increasing.

The apps developed by PÖTTINGER are designed to make your everyday work easier. They have each been developed by farmers for farmers, and guarantee intuitive handling for every user. At the end of the day, you can focus on the important things and also save a lot of time.



Working cost effectively

The locations of the harvest machines are displayed in real time. This makes it easier to coordinate and display operations. Waiting times and unnecessary journeys are avoided. Because there is an integrated route planner, it is easy to navigate to the fields. People who are not familiar with the farm can immediately spot the fields that are displayed and easily find their way to their next field.

Dynamic route guidance

The machines are deployed dynamically to the fields according to the set strategy. This creates an automatic harvesting schedule that can be worked through field by field. As a result, there is a constant flow of material to the clamp so it can be optimally compacted.

The best forage

The free HARVEST ASSIST app helps achieve a higher harvesting performance. The app optimises the sequences between the mowers, rotary tedders, rakes, mergers, loader wagons and/or round balers so that delivery peaks at the yard are avoided. The result is a mass flow-dependent field processing sequence for dynamic harvesting. The compaction vehicle at the clamp can then neatly distribute and compact each load of crop delivered one by one to produce the best forage.

Clearly colour-coded

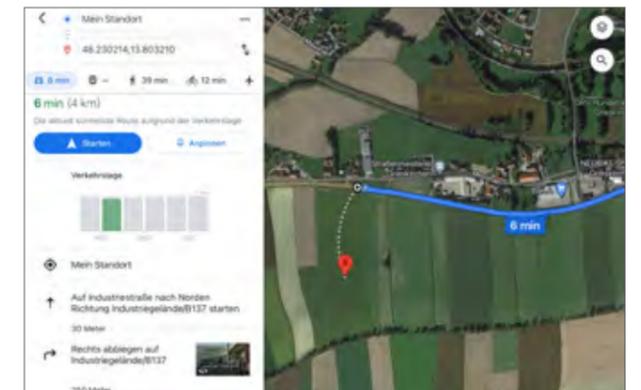
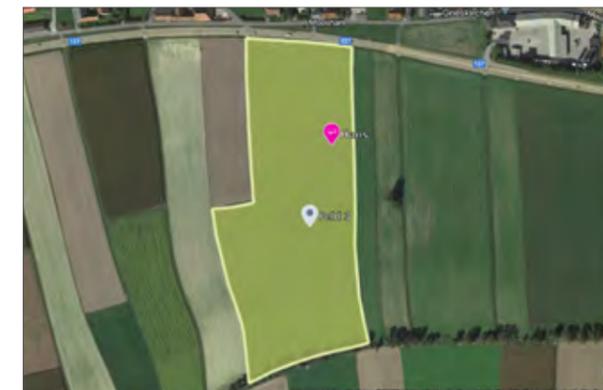
The status of each field is colour coded to indicate to each user whether it is currently being processed, ready for the next process or whether harvesting has already been completed.

For intuitive operation

The app can be opened on your smartphone, so no additional hardware is required. You will quickly find your way around, because the app is designed so intuitively. For easy documentation, the each load is counted based on GPS data to determine the yield.

Simple and fast capture of the fields

Adding a field is intuitive, and allows fields to be created, customised and selected. Site-specific field conditions can be defined to assist the drivers, for example if the field is especially steep or wet. In addition, yield and dry matter are determined for documentation of the silage mass.

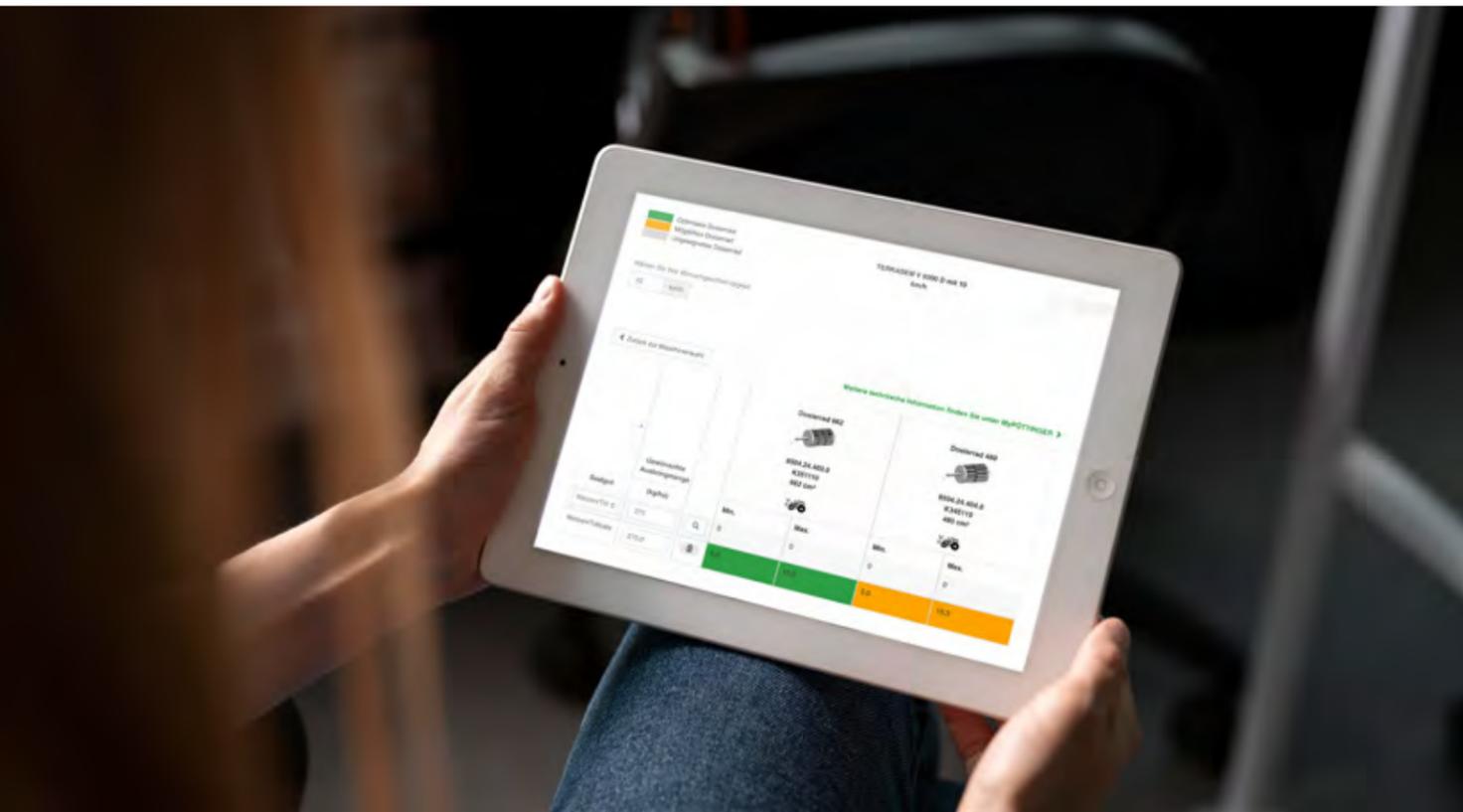


Live location

The location of each team member is displayed in real time. An overview of all group members is therefore provided. Communication becomes easier as a result.

Each driver finds the quickest route to the field.

Using the navigation function, the direct route to the field entrance is displayed in seconds. The entrance to each field can be clearly defined. This ensures the field is accessed efficiently.



To help you find the perfect metering wheel for your seed drill, we have developed an online tool: METERING WHEEL ASSIST.

You can use this app to find the best metering wheel in just a few clicks. Choose from single metering wheels as well as dual metering wheels depending on the machine type. The bandwidth of the minimum to the maximum application rate of the metering wheels extends from 0.8 to 420 kg per hectare. This covers all conventional seeds from poppy seeds to peas and various types of mineral fertiliser in pellet form.



This QR code takes you directly to the application.

Pneumatic seed drill technology with electric metering

This application only applies to pneumatic seed drills with electric metering.
For seed drills with mechanical metering, METERING WHEEL ASSIST is used as a guide.
Please note that the metering wheels we suggest are based purely on a mathematical calculation.

From experience we know that sowing is influenced by many different factors (e.g.: different site conditions, type of seed material, basic machine settings, and many more), which is why we cannot give any guarantee for the correctness of the metering wheels suggested. Our latest feedback from the field is always used to keep the PÖTSEM app up to date.



Choose your machine

In the first step you can choose your machine. All machine models are shown here.

- AEROSEM A / ADD pneumatic seed drills
- AEROSEM FDD pneumatic front hopper seed drills
- AEROSEM VT trailed pneumatic seed drill combinations
- TERRASEM universal seed drill combinations
- AMICO F hopper

Choose metering wheel

In the next step you can choose your drilling speed. Next, select the seed type or fertiliser. Now set the required application rate.

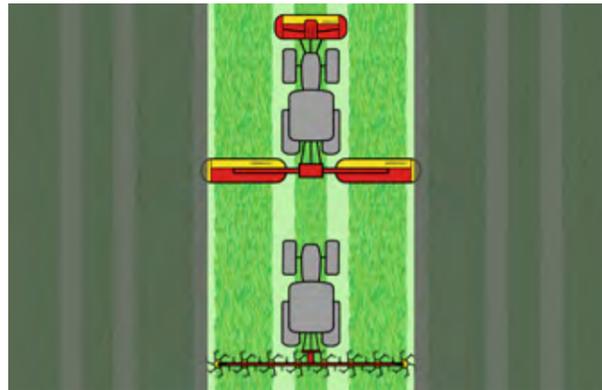
The suggested metering wheel is then displayed. A distinction is made between three categories:

- Optimum metering wheel (green)
- Possible metering wheel (orange)
- Unsuitable metering wheel (grey)

If several optimum metering wheels are displayed for the same seed type, it is generally the smaller metering wheel that is ordered.

Search, and you will find

Match your tedder to the working width of your mower to get the highest utilisation and best work quality from your machines. The best spreading quality is achieved when the tedder completely covers the swath of mowed grass on each pass. And ideally, the tractor should drive along a forage-free lane. The forage then remains loose on top of the grass stubble, making it an easy target for the tines. HAYTOOL ASSIST helps you quickly and easily find the right tedder for your mower.



Select your mower(s)

In the first step, you can combine front mowers with rear mowers or mower combinations, or select them individually. You can determine important options yourself:

- Mowing strategy (driving in a circle or mowing in passes)
- Number of swathing discs or swath width for mower with conditioner
- Mounting width for rear-mounted mowers or mower combinations

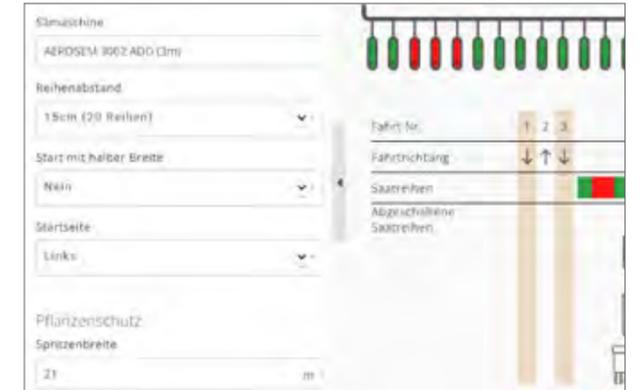
The mower swaths are displayed directly in an image according to your settings.



This QR code takes you directly to the application.

For a perfect match

To set up an optimal tramline system, you need to coordinate your machinery. TRAMLIN ASSIST helps you to do this. When choosing your seed drill, parameters such as the working width of your crop care machines, track width and tyre widths are critical for optimising tramlining. TRAMLIN ASSIST identifies the tramline rhythm for you, the position of the tramline rows, and the number of rows that need to be switched off.



Select your machine parameters

You can select your required or existing parameters in the seed drill menu.

- Seed drill: Choose from all current mechanical and pneumatic seed drills available
- Row spacing along with number of rows
- Choose between start with half working width or start with full working width
- Select start on left or start on right

The tramline rhythm is displayed according to your settings and the coulter pipes that need to be switched off for the tramline.



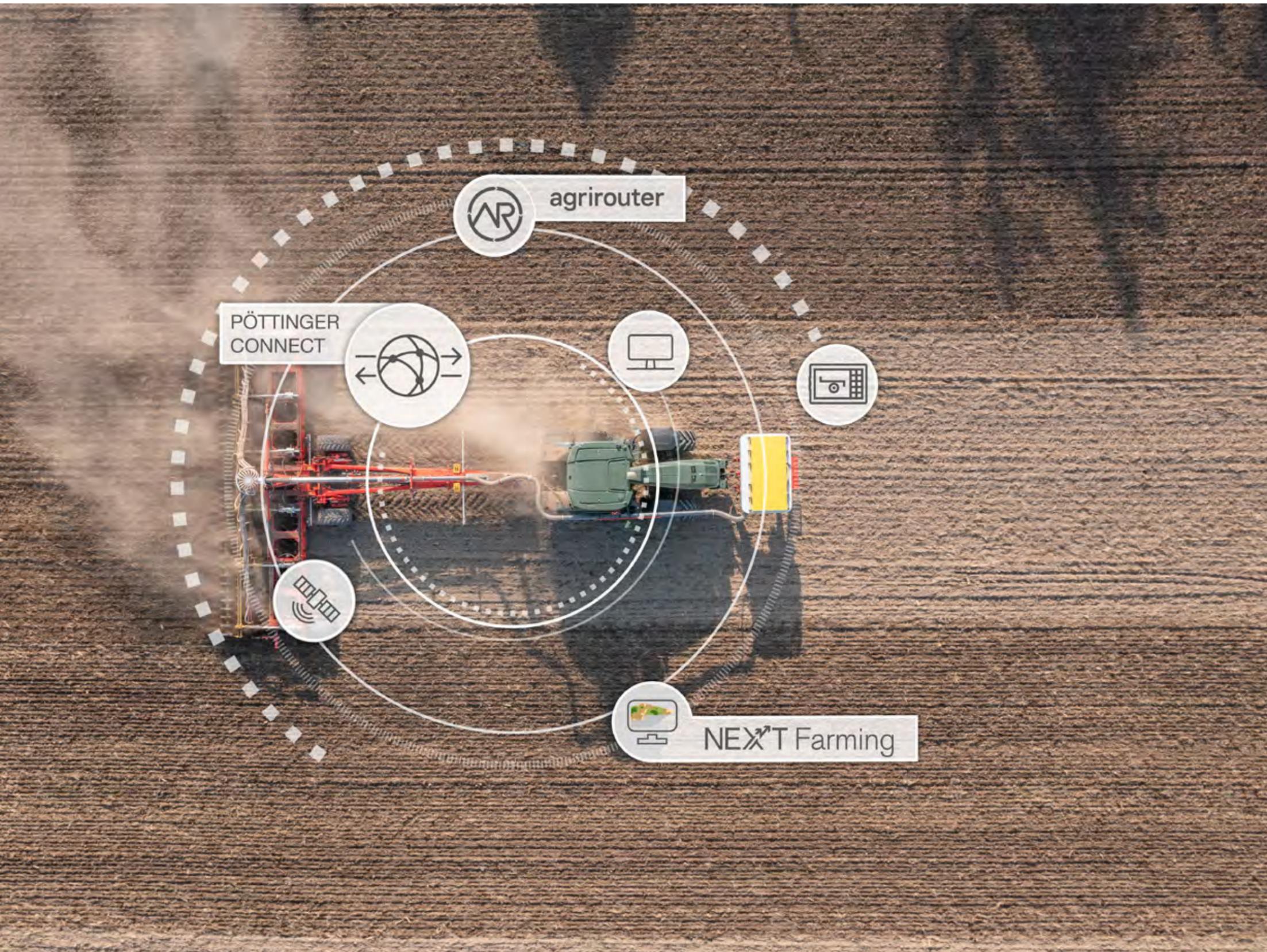
This QR code takes you directly to the application.

Select tramlines

Here you select the parameters for your crop protection machinery.

These include the working width of the sprayer and fertiliser spreader, for example, and the track width and tyre width of the crop care tractor. You can also define a safety distance of 0 to 5 cm between the tyre and the closest seed rows.

This ensures that the machine is delivered from the factory with the right track width and tyres.



Generate, transfer and benefit from data

Intelligent machines generate site-specific data relating to the machine and the job. Thanks to ISOBUS, this data can be easily exchanged between the implement and the terminal. Smart features allow data generated during field work to be easily moved to FMIS (farm management and information systems) and used for documentation purposes. Manufacturer-independent standards greatly simplify data transfer.

Telemetry unit

- **PÖTTINGER CONNECT:**
The PÖTTINGER CONNECT telemetry unit that was developed in-house makes it easy to control precision farming applications on ISOBUS-capable machines and to document work processes.

Data exchange

- **agrirouter:**
The agrirouter is a web-based data exchange platform. A free account can be used to send data such as jobs from your field indexing software directly to the CCI 1200 terminal in the tractor.

Data collection

- **NEXT Machine Management:**
With NEXT Machine Management you have the capability to use and process machine data for documentation purposes, regardless of the make of the machine. A simple transfer of jobs to the machines enables optimal utilisation and effective farm management.



GPS signal

A GPS signal is required for TC-GEO and TC-SC. If fitted, the antenna on the tractor can be used for this purpose. An external GPS antenna, which is mounted directly on the machine, is available as an option.



Wireless data transmission

PÖTTINGER CONNECT is the cost effective access point into the world of networked data. The telemetry unit offers the capability to control ISOBUS machines while collecting and transmitting agronomic data to a farm management system that can use the data to increase output and cost effectiveness.

PÖTTINGER CONNECT is a tool designed for site-specific farm management that offers you simple and cost-effective precision farming applications.

Easy installation and a certified data interface allow rapid use of the telemetry unit and flexible connection to various management systems.

Modular configuration

The telemetry unit offers the right solution for every farm thanks to its modular design. Using identical hardware, different packages are unlocked by different license agreements:

- **CONNECT - COMMAND**
This module controls the functions of the machine by actively sending commands to the implement, such as automatic lifting at the headland. The package includes activations for Section Control (TC-SC), Variable Rate Control (TC-GEO) and GeoSuite.
- **CONNECT - MANAGEMENT**
This module is used for data recording, transmission and documentation. It is also possible to display parameters such as the working depth on a site-specific basis. The package includes activations for TC-BAS, TC-GEO and a connection to agrirouter.
- **CONNECT - COMPLETE**
This package includes all the functions and activations in the COMMAND and MANAGEMENT modules.

All in one - tidy control system layout

Both the telemetry unit and the respective farm implement are operated using ISOBUS-capable terminals or alternatively using the tractor terminal.

For this purpose PÖTTINGER offers its intelligent terminals POWER CONTROL, EXPERT 75 and CCI 1200 as options suitable for every application. This provides a better overview in the tractor cabin by using just one terminal.

GeoSuite app

In combination with the GeoSuite app, PÖTTINGER CONNECT - COMMAND and COMPLETE can display the coverage map. The application can be accessed by any tablet or smartphone using the web browser. The connection to the machine is easily made using the wireless network.

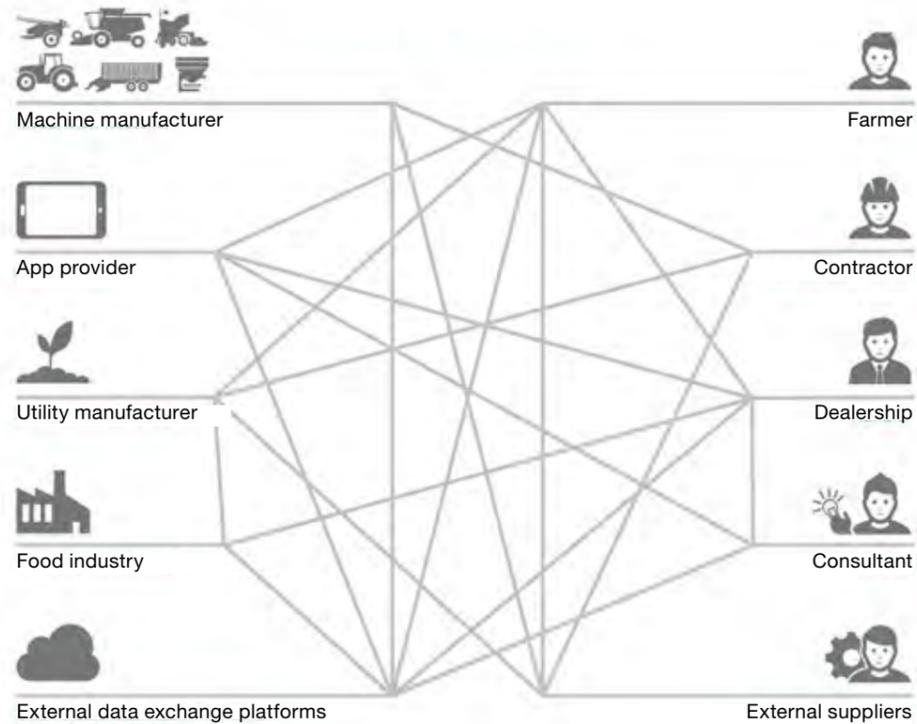
Among other things, the app can be used to create field boundaries and activate automatic mode for Section Control. In this mode, the machine is controlled depending on the GPS position.

Certified interface

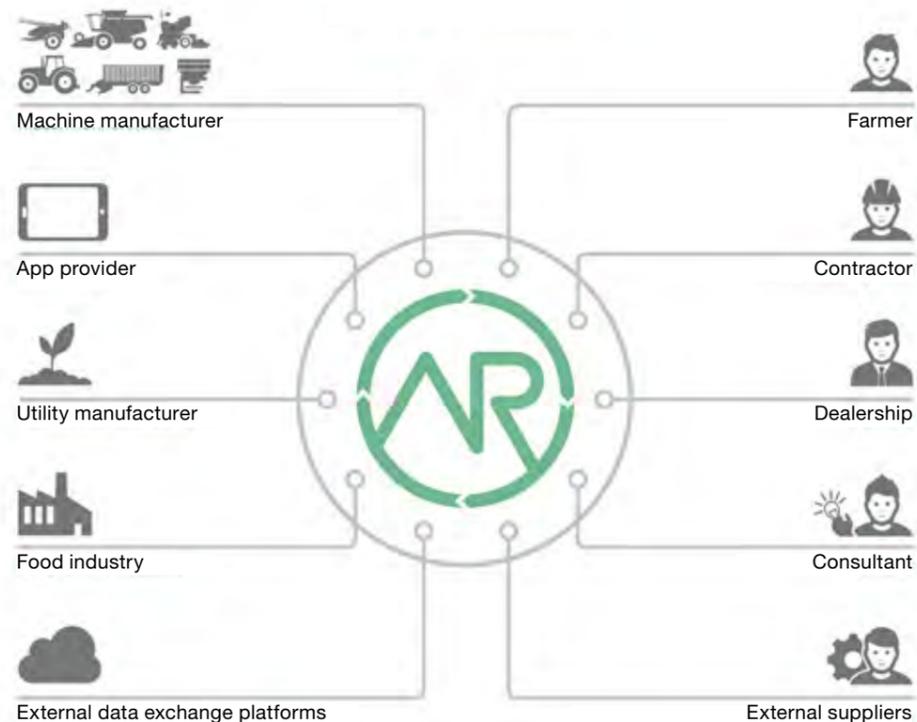
PÖTTINGER CONNECT - MANAGEMENT and COMPLETE include a certified data interface to agrirouter.

For worldwide implementation, any farm management information system can be used. Together with NEXT Machine Management and NEXT field indexing software, PÖTTINGER offers the possibility to visualise data and document it over the long term.

Without agrirouter



With agrirouter



Thanks to the ISOBUS standard, machines from different manufacturers can easily communicate and exchange data with each other. In order to use this data once work has been completed, it makes sense to import it into a farm management system and evaluate it for documentation purposes. The agrirouter enables manufacturer-independent, wireless data exchange between machines and agricultural software and reduces the number of communication interfaces to a minimum.



agrirouter - digital delivery service

The agrirouter is a web-based data exchange platform. A free account can be used to send data from field indexing software directly to the CCI 1200 terminal in the tractor or the PÖTTINGER CONNECT telemetry unit. This can also be carried out in the reverse direction by sending machine-related data directly to your farm PC.

Transparency

You define the routes on which the agrirouter transports your data.

Data security

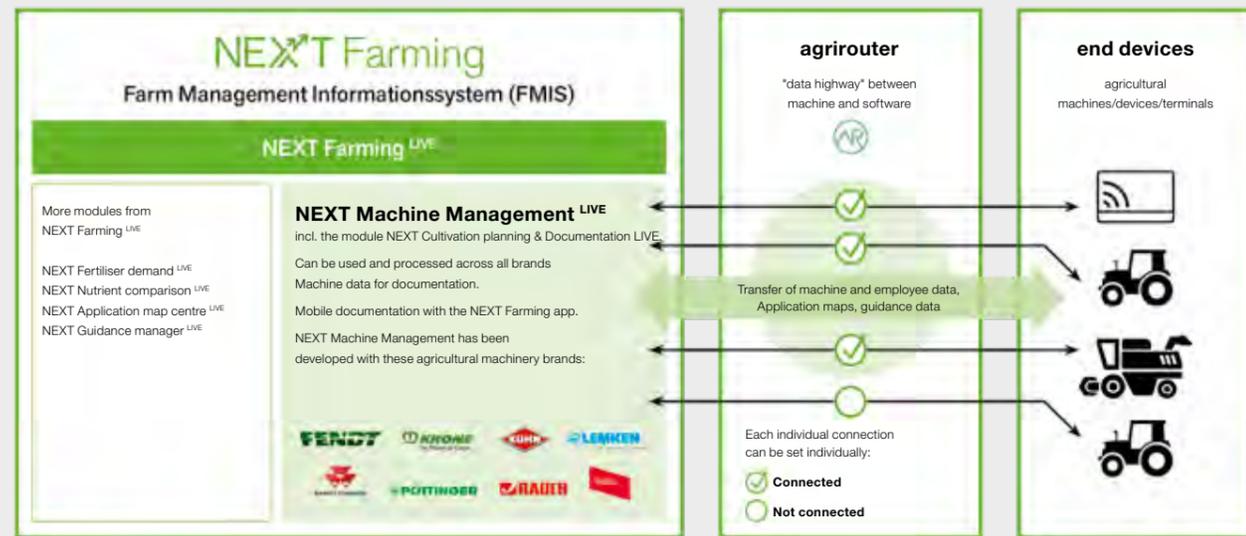
The agrirouter does not store any data, and you retain full control.

We are agrirouter ready

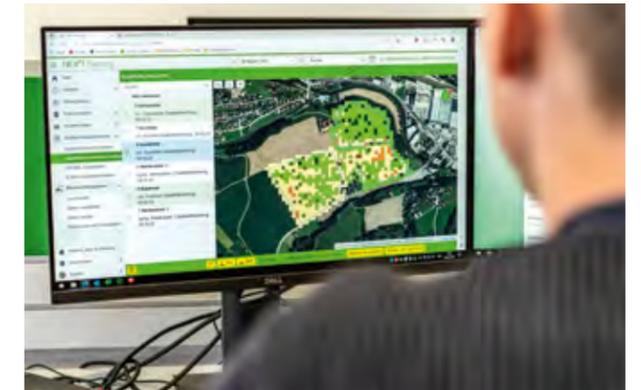
At PÖTTINGER, the following arable machines are ready for agrirouter: VITASEM and AEROSEM with electric metering drive, all TERRASEM seed drills and the TERRADISC disc harrows with Profiline equipment on the 8001 and 10001 T models.

In the grassland sector, our ISOBUS-capable balers (IMPRESS PRO), loader wagons (FARO, EUROPROFI, TORRO and JUMBO), rakes (TOP 1403 C), and mower combinations (NOVACAT V 10000) can be connected to the agrirouter.

More information at www.my-agrirouter.com



Farm Management and Information Systems (FMIS) can centrally store and process farm data from different work areas. Field indexing software, which records agronomic data, is the central element in almost all of these software solutions. In addition, FMIS have evaluation tools which enable reports for fertiliser usage, or other recording obligations, to be created at the touch of a button. This means that the work done in the field no longer has to be documented manually in the office afterwards. In addition, stored data can be retrieved quickly and easily at any time.



Intelligent networking: NEXT Machine Management

NEXT Machine Management is part of the farm management and information system NEXT Farming and intelligently networks your machinery. NEXT Machine Management was developed by various manufacturers of agricultural machinery with the aim of ensuring that every farm can benefit from the advantages of digitalisation. With NEXT Machine Management you have the capability to use and process machine data for documentation purposes, regardless of the make of the machine. A simple transfer of jobs to the machines enables optimal utilisation and effective farm management.

Wireless data transmission using agrirouter

In combination with the agrirouter, your data can be transferred wirelessly from the machine to NEXT Machine Management and back again.

NEXT Machine Management uses the data transmitted via agrirouter to enable the planning, production and documentation process with machines from different manufacturers.

The farmer uses the machine data to automatically document site-specific measures in the field and to plan measures from the farm office. The job-specific data are then transferred to the terminal regardless of the brand, type and location of the machine. It means you can work faster and more efficiently by accessing and transferring key information to get an overview of processes at all times.

Your advantages with NEXT Machine Management

- Use and process manufacturer-independent machine data for documentation purposes
- Easy transfer of jobs to your machines using agrirouter
- Efficient use and optimum utilisation of your machines through smart planning
- A central component of NEXT Farming for your digital farm management system
- Future-safe with a high level of data security
- NEXT cultivation planning and documentation as a basis

More information at www.nextfarming.com

NEXT Machine Management with PÖTTINGER machines

With the help of NEXT Machine Management, you can now use data from these machines to document the work performed. This is possible with any machine that has a task controller. Using the agrirouter you can send jobs directly from the office to your tractor terminal. Whether you are a contractor or a farmer with your own machinery, NEXT Machine Management will achieve ideal utilisation of your machines.



How machine and tractor communicate, even if they are from different manufacturers

Communicating in a common language is what stands behind the term ISOBUS. The need for this stemmed from the fact that each agricultural machinery manufacturer originally developed its own electronics solution. This was an obstacle for any farmer whose machinery consists of equipment from different manufacturers.

ISOBUS refers to the standardised communication system between tractor and implement using standardised hardware and software that is not limited to a single manufacturer: the makes it much easier to operate machines.

ISOBUS and the role of the AEF

At the beginning of the 1990s the first efforts were made in agricultural engineering to standardise the communication between tractor and implement across manufacturers.

To promote international acceptance and awareness of ISOBUS technology, various agricultural equipment manufacturers, including PÖTTINGER, formed the AEF (Agricultural Industry Electronics Foundation) in 2008. Together, the consortium is successful in optimising the way hardware and software work together across different brands.

We influence the future

PÖTTINGER is a member of several organisations that promote intelligent solutions for digital and networked agriculture and want manufacturer-independent standards.

- AEF (**A**gricultural **I**ndustry **E**lectronics **F**oundation): Focus on ISOBUS, farm management and information systems (FMIS) and more
- CCI (**C**ompetence **C**enter **I**SOBUS): Development of innovative agricultural electronics
- DKE-Data GmbH & Co. KG (**D**aten, **K**ommunikation und **E**ntwicklung): Development of the agrirouter as a cross-manufacturer and cross-product data exchange platform

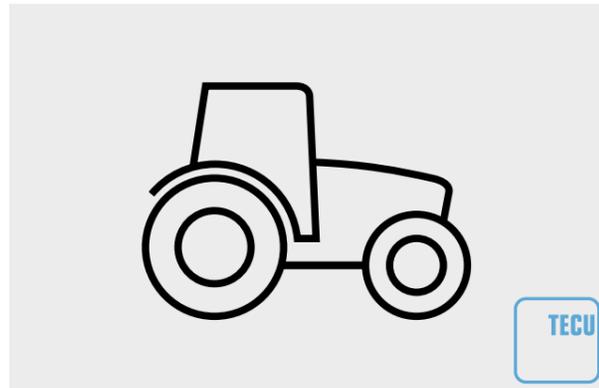


A modern ISOBUS system consists of various components, including tractor, terminal and implement. It always depends on what the terminal and implement are able to do and what equipment options have been installed. This is where ISOBUS functionality comes in. This involves independent building blocks within the ISOBUS system. They work as soon as they are included in all the components involved.



UT: Universal Terminal

This basic function enables you to operate an implement using any terminal or to use a terminal to operate different farm implements. A single ISOBUS universal terminal replaces the large number of implement-specific terminals inside the tractor cab. Every implement can work with every terminal, as long as they support ISOBUS. All ISOBUS implements can be operated using one terminal, regardless of whether it is made by a tractor manufacturer or an implement manufacturer.



TECU: Basic Tractor ECU

The tractor ECU is the tractor's job computer. The TECU application provides the other ISOBUS machines with key information about the tractor, such as driving speed and PTO speed.



AUX-N: Auxiliary Control

Auxiliary Control allows you to control functions using an additional ISOBUS controller. This includes a joystick, which make it easier to operate complex implements.



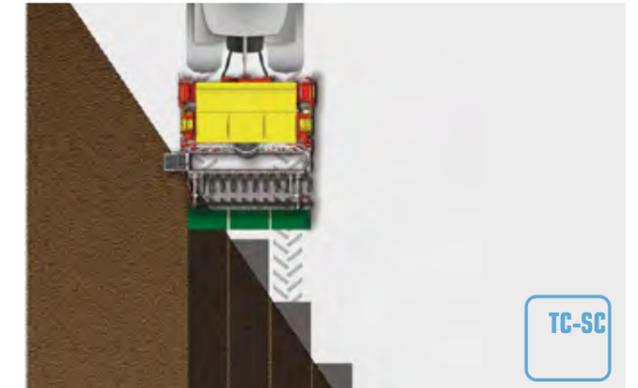
TC-BAS: Task Controller basic

The task controller basic takes over the documentation of total values that are meaningful with regard to the work carried out. These values are provided by the implement. Data exchange between the field indexing software and the task controller (TC-BAS) takes place using the standardised ISO-XML data format. This makes it easy to import orders into the task controller and export the finished documentation afterwards.



TC-GEO: Task Controller geo-based

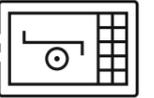
This module offers the possibility to collect site-related data and plan site-specific orders, using application maps for example. This function is relevant for Variable Rate Control.



TC-SC: Task Controller & Section Control

TC-SC enables the automatic switching of part width sections, e.g. on seed drills, depending on GPS location and the required degree of overlap. Section Control can bring you higher yields with a simultaneous saving of 5 to 10% on the cost of materials.

(Source: www.aef-online.org)



Everything under control

With our choice of different control concepts, you have perfect control over your machine, even after a long day in the field. The development focused on maximum operating convenience and automation of each working step.

The result is a range of control systems offering the best concept to meet your specifications, from electric preselect controls through to full ISOBUS terminals.

- Baseline preselect system
- Selectline preselect control system
- Smartline comfort control system
- Profiline comfort control system

Controls

Depending on the control concept, a choice of intuitive control terminals is available. If you want to use your tractor terminal to operate your machines, there is also an ISOBUS cable to connect to the tractor.



Basicline preselect system

On machines with the Basicline preselect system, several functions can be carried out on the machine by each tractor spool valve by actuating a toggle switch on the BASIC CONTROL terminal.

For tractors with a sufficient number of spool valves, it is also possible to connect the hoses to each hydraulic cylinder as an option on some machines. This means that some functions can also be automated using the tractor's headland management system.

- Oil supply: Tractor spool valve
- Job calculator: –

Possible controls

- BASIC CONTROL

Selectline preselect control system

With the Selectline preselect control system, the ISOBUS-capable job computer is located directly on the machine. This can be connected by an ISOBUS connection cable directly to the tractor terminal, or to the SELECT CONTROL terminal.

Several different functions can be carried out by each tractor spool valve at the touch of a button. Depending on the machine, various automatic functions are also possible. If the machine has its own hydraulic power unit, these functions are performed directly by the control terminal.

Direct connection of hoses to each hydraulic cylinder is also possible as an option on some machines. This means that some functions can also be automated using the tractor's headland management system.

- Oil supply: Tractor spool valve
- Job calculator: Mini ISOBUS ECU

Possible controls

- SELECT CONTROL
- Tractor terminal via ISOBUS cable

Smartline comfort control system

With the Smartline comfort control system, you can control your machine either using your ISOBUS-capable tractor terminal or other ISOBUS-capable control terminals.

While electrical functions are carried out directly at the touch of a button or the touchscreen, hydraulic functions (if installed) are either performed directly by the tractor spool valves, or are preselected at the control terminal and then carried out by the spool valves.

- Oil supply: Tractor spool valve
- Job calculator: ECU 3.0 (2.5)

Possible controls

- POWER CONTROL
- EXPERT 75
- CCI 1200
- ISOBUS AUX CCI A3 joystick
- Tractor terminal via ISOBUS cable

Profiline comfort control system

With the Profiline comfort control system, you can control your machine directly either using your ISOBUS tractor terminal or another ISOBUS-compatible control terminal.

Each function is carried out immediately by pressing a button or the touchscreen.

- Oil supply: Load sensing or power beyond system
- Job calculator: ECU 3.0 (2.5)

Possible controls

- POWER CONTROL
- EXPERT 75
- CCI 1200
- ISOBUS AUX CCI A3 joystick
- Tractor terminal via ISOBUS cable



BASIC CONTROL

BASIC CONTROL is a simple control terminal that allows the regulation or switching between different functions by means of thumb wheels, toggle switches or pushbuttons.



COMPASS CONTROL

The COMPASS CONTROL on-board computer was specially developed for PÖTTINGER VITASEM and AEROSEM seed drills. The terminal controls and monitors functions such as tramlining, calibration test, hopper level, hectare counter and speed.



POWER CONTROL

The entry-level POWER CONTROL terminal can be used to operate a wide selection of ISOBUS-capable machines made by PÖTTINGER. The most important feature is the keys that are printed with the relevant machine functions to ensure intuitive operation for both experienced and newbie drivers. More functions can be controlled and user inputs made using the 5" colour touch display. Optimised for day and night operation, the display also provides clear information on the operating status of the machine.



EXPERT 75

The compact 5.6" EXPERT 75 ISOBUS terminal can be operated both directly via the touchscreen and using keys or a scroll wheel. Safe one-hand operation is supported by the grip bar.

The ambient light sensor and the illumination of the function keys ensure convenient handling even at night.



Tractor terminal via ISOBUS cable

Control the functions easily by using the tractor's ISOBUS terminal. Power is supplied by the connection cable.



SELECT CONTROL

The SELECT CONTROL terminal features a user-friendly design. With clearly assigned function keys and a 4.3" colour touch screen, many machine functions can be preselected and operated using the tractor's hydraulic remote valves or controlled directly. The brightness of the display and keyboard can be adjusted as needed, ensuring optimum illumination at any time of day or night.



CCI 1200

The 12" CCI 1200 ISOBUS terminal offers the professional farmer a comprehensive function package. The terminal is operated like a tablet directly by touch. Navigation is kept simple so you find what you need with just a few taps. The integrated ambient light sensor automatically adjusts the brightness of the display. The display screen can be positioned either horizontally or vertically. In addition, the screen can be split so that several applications can be displayed simultaneously; you can adjust the size of each window.



ISOBUS AUX CCI A3 joystick

The AUX CCI A3 joystick makes it easy to control any of your ISOBUS machines. This is done using function keys that can be allocated freely and are separated by ridges. This avoids operator errors. Haptic feedback and all the icons displayed on the keys makes it even easier to work with the joystick.



The CCI 1200 is a control terminal that can operate any ISOBUS-capable machine. The large display and flexible configuration of machines, cameras and Section Control make your work in the field something to look forward to.



Section Control

Automatic switching of the whole or partial working width during operation supported by GPS

- With the headland function, areas can be locked so that the machine works the inside of the field first.
- Perimeter headlands or individual headlands can only be created at the ends of the passes.



Documentation

- Site specific recording of all field data during operation
- For documentation purposes, this data can be imported into field indexing software as a standardised ISO-XML file



Camera image and machine functions at a glance

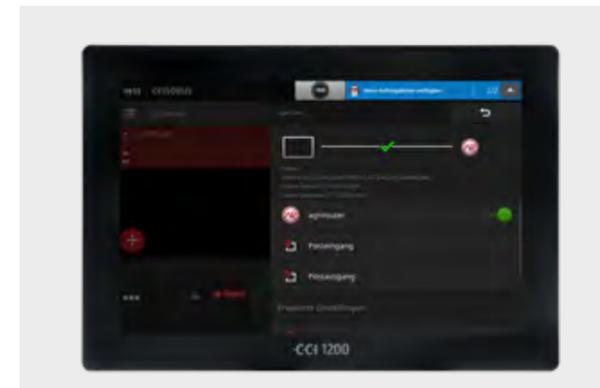
A camera image can also be displayed at the same time as the machine status and controls, so no switching is necessary. With a loader wagon, this makes it easier and, above all, safer to manoeuvre. You can easily keep an eye on unloading in the clamp or the wrapping sequence on a baler/wrapper combination.



Variable Rate Control

Site-specific application of seed/fertiliser taking the site soil conditions into consideration

- Import application maps in Shape or ISO-XML format
- The following parameters are supported: Mass, volume, distances and percentages



agrirouter connection

- Wireless manufacturer-independent data transmission from the terminal directly to field indexing software in the office and vice-versa
- A WLAN dongle is required. This is simply attached to the back of the terminal.



MULTIBOOM

Independent control of all the different functions on a machine

- Prerequisite for automatic partial section control on AEROSEM drills: Separate control of metering wheel and IDS distributor head.
- Separate default values for seed and fertiliser (TERRASEM FERTILIZER)
- Separate default values for maize and companion crop / fertiliser (AEROSEM PCS)



Protects wildlife and livestock

Get started on mowing your grassland crop straight away with no worries. Harvest the highest quality forage using innovative technology from PÖTTINGER. SENSOSAFE is an automated sensor-based assistance system that detects animals and enables you to identify fawns and other wild animals hiding in the field. Wildlife is protected and your forage stays clean. And all this with the highest level of efficiency and convenience.

Assistance systems for saving wildlife

- SENSOSAFE mounted on the ALPHA MOTION front mower
- SENSOSAFE 300 with mounting frame for mowers up to approx. 3 m
- SENSOSAFE 1000 with mounting frame for mower combinations up to 10 m



How good are you at multitasking?

With SENSOSAFE you complete two tasks in one. Mowing and detecting wildlife. That's multitasking. That is efficiency.

Simply hitch up and off you go

Harvesting windows are short and time is precious. With SENSOSAFE you can focus on the essentials: harvesting the forage.

No additional time or personnel needed for searching the fields before mowing. The time-consuming organisation of people, dogs, drones and other systems for detecting wildlife is a thing of the past. What's more, you don't need special training or a permit to operate the SENSOSAFE system.

Ingenious technology

Whether morning, afternoon, evening or night, SENSOSAFE works reliably around the clock.

Intense sunlight or high temperatures are not a problem for working with SENSOSAFE. The same goes for cloudy weather or darkness.

SENSOSAFE is the first system of its kind in the world that uses the interaction between optical sensors and an integrated light source. This system operates independently of daylight and temperature. Unlike thermal imaging cameras, you can rely on SENSOSAFE to work reliably in any operating conditions.

The hardware

A bar with optical sensors scans the area in front of the mowers during the mowing process.

An LED integrated into each sensor emits light in the near-infrared spectral range. The light, which is not visible to humans, is reflected by the vegetation back to the sensor. However, the brown fur of fawns and other animals reflects light with a different intensity than plants. The sensors detect this and send an electrical signal to the control unit in the tractor cab.

The software

SENSOSAFE is operated using the SELECT CONTROL terminal.

If an animal is detected, the control terminal gives the driver both a visual and acoustic warning. The driver then has plenty of time to stop the tractor or raise the mower. The SENSOSAFE on the ALPHA MOTION raises the front mower automatically.

Simple operation

The triggering sensitivity can be fine-tuned. This means the triggering threshold can be optimally adapted to each crop.

Folding into the working or transport position is also operated using the SELECT CONTROL control terminal.



MyPÖTTINGER – it's easy. Anytime. Anywhere.

Benefit from numerous advantages

MyPÖTTINGER is our customer portal that provides you with key information about your PÖTTINGER machines.

Get specific information and useful tips on your PÖTTINGER machines in "My machines". And find out more about the PÖTTINGER product range.

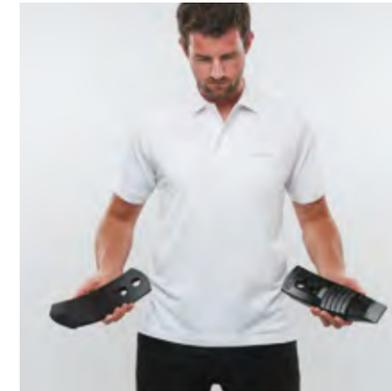
My machines

Add your PÖTTINGER machinery to "My machines" and assign a name. You will receive valuable information such as: useful tips on your machine, operating instructions, spare parts lists, maintenance information, as well as all the technical details and documentation.

Info on the product range

MyPÖTTINGER provides you with machine-specific information for all machines built starting 1997.

Scan the QR code on the machine's data plate with a smartphone or tablet or go to www.mypoettinger.com and enter the machine number from the comfort of your own home. You will immediately receive all the information on your machine, such as: instruction manuals, equipment options information, brochures, photos and videos.



Rely on the original

PÖTTINGER Original Parts meet the highest demands in terms of functionality, reliability and performance. These are characteristics that PÖTTINGER is committed to delivering.

That is why we manufacture PÖTTINGER Original Parts from the highest quality materials. We ideally match each individual spare part and wear part to your machinery's overall system. This is because different soil and operating conditions often need to be taken into consideration.

We have been listening to our customers and now offer three different lines - CLASSIC, DURASTAR and DURASTAR PLUS - to make sure you have the right part to meet every requirement. Original parts are worth every cent, because know-how cannot be copied.

Your advantages

- Immediate and long-term availability.
- Maximum durability thanks to innovative production processes and the use of the highest quality materials.
- Avoidance of malfunctions due to a perfect fit.
- The best working results thanks to optimum match to the overall system of the machine.
- Save time and costs thanks to longer replacement intervals on wear parts.
- Comprehensive quality testing.
- Ongoing advancement through research and development.
- Worldwide spare parts supply.
- Attractive, competitive prices for all spare parts.

Wear parts

The CLASSIC line is for standard duty applications. With these ORIGINAL INSIDE parts we have defined the benchmark for quality, best price/performance ratio and reliability.

DURASTAR is the innovation on the wear components market - durable, high quality, productive and reliable.

Are you used to putting your machines to work in the most extreme conditions? Then the DURASTAR PLUS line is the right choice for you.



More success with PÖTTINGER

- A family-owned company since 1871
Your reliable partner
- Specialist for arable and grassland
- Future-safe innovation for outstanding working results
- Roots in Austria - at home throughout the world

Intelligent farming with digital solutions

- Intelligent terminals for every requirement
- More convenience and higher yield with precision farming solutions for arable and grassland
- Manufacturer-independent standards for the easiest data management
- Assistance systems to make everyday work easier and protect the environment

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