


ALWAYS ONE TRACK AHEAD.

///S-TECH PRECISION FARMING TECHNOLOGY FROM STEYR.



STEYR
TRAKTOREN

Your partner to rely on



BECAUSE A SYSTEM THAT STAYS ON TRACK WON'T LET ANYTHING THROW YOU OFF TRACK.

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S-TECH: EXACTLY WHAT YOU NEED.

HIGHEST PRECISION, MORE CONTROL AND INCREASED PRODUCTIVITY. S-Tech is revolutionising agriculture: autoguidance, data management, operation of all attachments with ISOBUS functions and much more. With S-Tech you've got everything under control. The modular system controls the entire production cycle and enables components to be interchanged flexibly between multiple machines. Welcome to the future of modern agriculture!

ONE SYSTEM FOR EVERYTHING. The S-Tech system allows you to monitor and control all of the important processes easily and comfortably. From autoguidance and operating attachments to fuel consumption and work productivity — nothing escapes you and cultivation is more efficient than ever before.

TOTAL CONTROL. The S-Tech monitor does not only provide you with all relevant information. You can also use the monitor to control the tractor interactively and make

adjustments to it. You can even control attachments with the ISOBUS 11783 function.

ABSOLUTE ACCURACY. The automatic, DGPS-based S-Guide steering system works to the highest degree of precision. The system guarantees parallel autoguidance when working in straight tracks, curves and on the headland. Accurate up to 2.5 cm, there is no risk of overlaps or gaps, even with difficult soils or weather conditions, or at night.

INDIVIDUAL SOLUTIONS. S-Tech is available with various different fittings, ranging from a simple retrofitting solution with the GPS-based EZ-Pilot to the full, integrated S-Guide equipment with the S-Tech 700 touchscreen monitor, which can even be exchanged between different vehicles in your operation. Simply discuss your needs with your STEYR advisor. Together you will find an S-Tech solution tailored exactly to your requirements.



EFFICIENCY THROUGHOUT.

OVERVIEW OF S-TECH.



RTK: reproducible to a precision of 2.5 cm and reliable



Retrofit steering systems, manual to automatic



Practically seamless RTK network in Europe



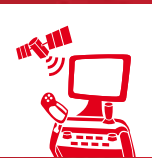
Retrofit universal monitors



X-FILL bridges signal failures lasting up to 20 minutes

.IIIS-FLEET

Fleet management with telematics solutions



S-Tech 700 monitor



A clear view of the field with S-Tech software

.IIIS-GUIDE

STEYR S-Guide: integrated automatic steering system



S-Tech training



Completely ISOBUS-suitable



S-Tech support centre





**BECAUSE THE BEST
TECHNOLOGY COMES
FROM STEYR AND
WORKS FROM
AMSTERDAM
TO ZAGREB.**

RTK AT A GLANCE:

- Accuracy of 2.5 cm
- Practically seamless coverage throughout Europe
- Protection in the event of failure thanks to XFill
- Reliability due to GPS and GLONASS satellites
- Optimal signal transmission
- Complete support from STEYR dealers



ABSOLUTE ACCURACY THROUGHOUT EUROPE: RTK FROM STEYR.

THE ESSENCE OF PRECISION. Precise autoguidance optimises work, saves operating resources and increases profits for maximum productivity. The system for precise autoguidance: RTK from STEYR. Local RTK base stations, which are set up at STEYR dealers across the country, calculate track accuracy by up to 2.5 cm. The calculations are then transmitted via the mobile network to the tractor and converted by the steering system in the tractor. The high density of base stations guarantees that S-Guide steering systems can be used everywhere. As an entry-level version, we offer Range Point RTX that is accurate up to 15 cm.

MAXIMUM STABILITY. By using GLONASS satellites as well, STEYR offers better protection in the event of failure than that offered by systems that work only with GPS satellites.

OPTIMUM SIGNAL TRANSMISSION. Depending on the topographical conditions, STEYR transmits RTK signals via the GSM network that has the best reception, or by radio signals directly.

EVERYTHING FROM A SINGLE SOURCE. Your STEYR dealer offers genuine all-round service, from comprehensive support for your S-TECH system to providing the optimal correction signal and appropriate product training from the S-TECH Academy.

PROTECTION IN THE EVENT OF FAILURE THANKS TO xFILL. The xFill technology that comes as standard in all STEYR RTK solutions bridges signal failures lasting up to 20 minutes.

LEVELS OF ACCURACY:

RTK 2.5 cm "track-to-track" and 2.5 cm "reproducible".

2.5 CM

RTX Center Point 4 cm "track-to-track" and 4 cm "reproducible".

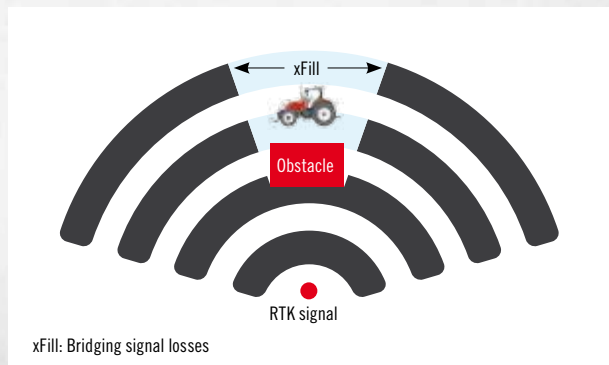
4 CM

RTX Range Point 15 cm "track-to-track" and 50 cm "reproducible". Perfect entry-level signal for all tasks, from seeding to harvesting.

15 CM

Egnos 20 cm "track-to-track". A signal that is generally available for simple applications such as manual track guidance with a lightbar.

20 CM



EVERYTHING IN VIEW, EVERYTHING AT HAND: THE S-TECH 700 MONITOR.

ALL IMPORTANT DATA ON ONE TOUCHSCREEN.

The modern operating concept behind the S-Tech 700 monitor allows you to control the tractor completely, increasing performance and profitability while minimising expense. By saving operating resources and optimising machine utilisation yields, productivity improves considerably and you even save on fuel. Thanks to complete

ISOBUS compatibility, all ISOBUS-suitable attachments can also be controlled. This cuts down on the number of operating monitors in the cab. The S-TECH 700 monitor is therefore an important tool in the STEYR modular concept for controlling the entire production cycle of a modern agricultural operation.



EFFICIENT, USER-FRIENDLY AND ACCURATE. With S-Tech, STEYR CVT and Profi CVT tractors have everything you need for fully automatic precision farming. This makes it possible to control ISOBUS-compatible attachments, to integrate automatic steering systems and to operate CVT and Profi tractors without any problems. The S-Tech 700™ monitors are easy to operate using the touchscreen. There is also the option of mounting the monitors on an adjustable rail in the right-hand side window. By automating all key functions of the tractor and storing up to 30 headland sequences, your S-Tech monitor ensures optimal work processes. At the same time, the monitor gives you an overview of the work that has already been carried out, fuel consumption, operating costs and much more.

THE S-TECH 700 TOUCHSCREEN MONITOR.

- **Production monitoring:** Records total production, daily production and individual work processes. All data from the S-Tech monitors can be saved onto a USB stick and analysed in the office.
- **Vehicle settings:** a number of S-Tech displays allow settings such as flow meter rates and control valve timers to be adjusted.
- **Rear hydraulics save function:** Saves settings for attachments and working conditions for future use. For example, next time you hook up a plough just select the correct set-up and away you go.
- **Complete ISOBUS compatibility:** Isobus-compatible equipment is connected and the user interface is displayed on the S-Tech monitor. As a result, equipment can be controlled easily and interactively via the monitor in the cab without a separate control panel or wiring.
- **Video input:** Up to three video cameras mean that live pictures can be monitored (at the rear end of a forage wagon or a baler, for example). Consequentially, you always know what is going at the rear without having to lose sight of the operating area.
- **A number of autoguidance systems are available, depending on the level of precision required:** These systems range from simple, “plug-and-play” light signals that are good to use in spraying and spreading applications in the field, to fully automatic integrated systems that offer reproducible precision up to 2.5 cm.







ALL GOOD, ALL AUTOMATIC: S-GUIDE — THE COMPLETE SOLUTION EX WORKS.

S-Guide self-steering systems that are installed in the factory offer unmatched reliability and comfort. The systems do not deviate by more than 2.5 cm per year and guarantee the same accuracy, year after year. The automatic steering system is supplied ex works and has therefore passed through all STEYR quality controls. S-Guide can be adapted to meet your exact needs and increases the accuracy, efficiency and productivity of your operation.

TILLAGE. The S-Guide steering system prevents omissions or overlaps when tilling and can also prepare maps of ground surfaces. This saves time and fuel, which therefore lowers costs.

PLANTING AND SOWING WORK AND APPLICATION EQUIPMENT. The S-Guide system's fully integrated steering helps you to increase your speed and efficiency when planting and sowing. The system minimises omissions and overlaps, which saves seed, fertiliser and chemicals and also guarantees tracks that are straight and reproducible.



The NavController uses GPS data and internal sensors for ultraprecise autoguidance. Combined with the T3™ self-levelling technology, you stay on track on any terrain.



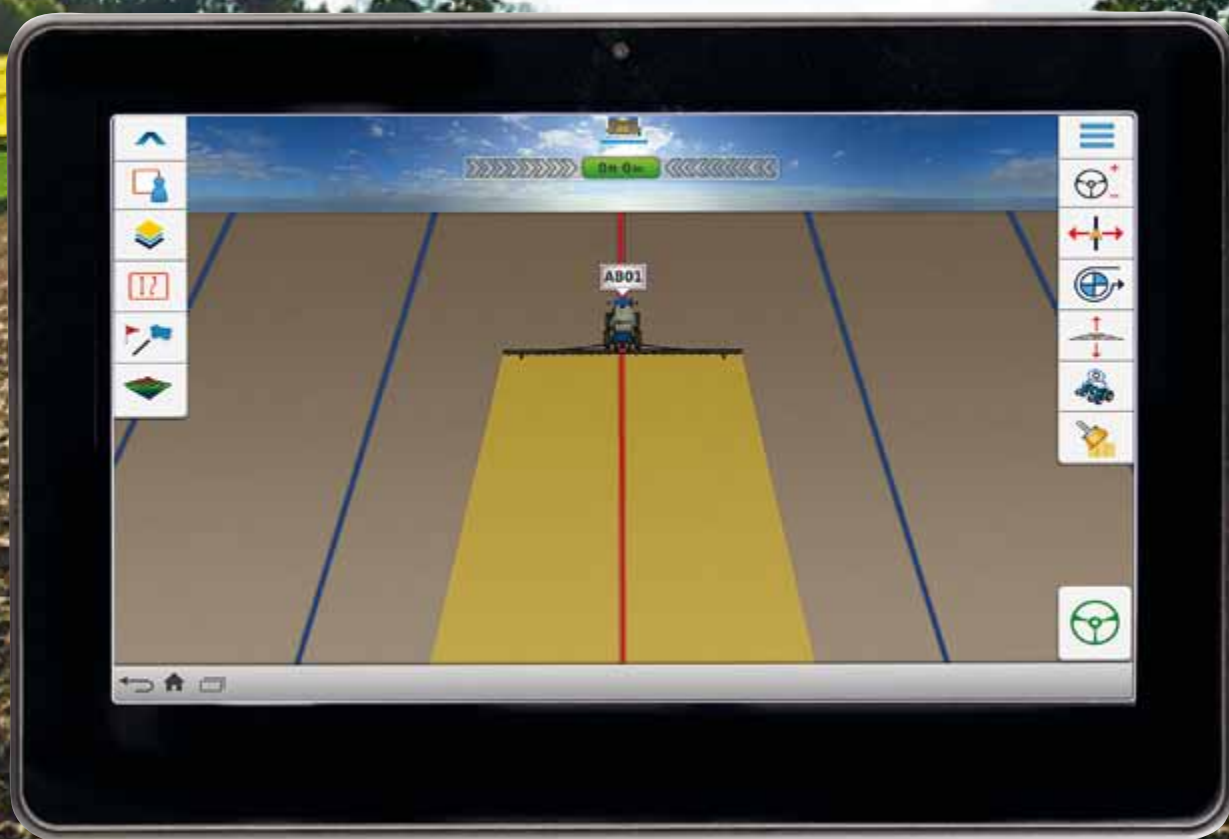
The S-Tech 372 GNSS receiver is an integrated dual-frequency GPS/GLONASS antenna and receiver system that is equipped for the future so that it can process signals that are not yet available!

OUR MONITOR RANGE: A FEAST FOR YOUR EYES.

XCN 2050 DISPLAY.

The new XCN-2050 display system is distinguished by a host of new functions and further developments. For the first time, the system includes a multitouch operating system that allows it to be conveniently operated at your fingertips. Additional software can be installed through the Android operating system to expand the range of functions further, from agricultural applications such as light bar displays, weather data and precipitation values to location information specific to the operation.

- **High-resolution touchscreen** measuring 30 cm diagonally
- **Crystal-clear display of field maps** - with aerial views, tracks, field borders and fertiliser maps
- **Android-based operating system** for the latest graphics and menu navigation
- **External expansion module** to connect accessory components easily
- **Compatible with integrated and assisted steering systems**
- **Internal 32-GB flash hard drive**
- **Integrated HD video camera** on the front of the display





EZ-GUIDE 250

The EZ-Guide® 250 driving guidance system with a lightbar has an intuitive user interface that is located directly on the housing. Easy to install and with its own built-in GPS receiver, the EZ-Guide® 250 system is the first step towards the world of driving

- **Manual track guidance system with lightbar available on the entry level**
- **Simple and cost-effective**
- **Compatible with all brands**

guidance systems. The system is easy to install thanks to its suction cup mounting and 12 V sockets and can subsequently be retrofitted to equipment from all manufacturers.



FM-750™

The FM-750™ touchscreen display offers an inexpensive control and precision driving guidance system for fieldwork. Use the FM-750™ display to maximise your efficiency when planting, fertilising, spraying and sowing. Like the EZ-Guide 250, this driving guidance system, which includes lightbars

- **Assisted or automatic track guidance system**
- **Compatible with all brands**

from STEYR, is also ready to use immediately and is easy to install. The FM-750™ system is the starting point for building up the ultimate S-Tech system because it makes it easier to incorporate packages that control steering systems and sections automatically.



FM-1000™

The FM-1000™ offers you the best performance and reliability, thanks to the industry-leading technology behind the integrated dual receivers for GPS and GLONASS. The monitor guarantees a “track-

- **Assisted or automatic track guidance system**
- **Ultimate accuracy with a second antenna on the machine**
- **Compatible with all brands**

to-track” accuracy of between 20 and 2.5 cm that can be reproduced year on year. This monitor is also capable of providing you with everything that you need in relation to driving guidance systems, steering and mapping.

HANDS HIGH OR ON THE STEERING WHEEL: UNIVERSAL STEERING SYSTEMS FOR ALL BRANDS.

The advantages of steering systems are obvious: lower fuel costs and requirements for fertiliser and chemicals ensure higher productivity and profitability while simultaneously improving sustainability.



EZ-PILOT: RETROFIT SOLUTION WITH ASSISTANCE STEERING MOTOR. The motor is mounted on the steering column. Precise tracking guidance starts at speeds of 3 km/h and above. The required accuracy can even be achieved on hilly terrain. The operator can concentrate completely on the surroundings and the attachment. The EZ-Pilot can be retrofitted on nearly all tractors and combine harvesters and works with different monitors and any level of accuracy.



2. AUTOPILOT. The Autopilot™ automatic steering system allows precise steering on any type of field — completely without driver intervention. The Autopilot system steers your vehicle automatically and at an extremely high level of accuracy up to speeds of 40 km/h.









ESPECIALLY FOR SPECIALISTS: OUR ADD-ON SOLUTIONS.

THE AGGPS TRUEGUIDE™ STEERING SYSTEM. The passive steering system for controlling an attachment keeps the attachment on the same guidance line by automatically shifting the tractor's track. If the attachment drifts, the NavController II signals to the tractor that it should change its position so that the attachment can follow the correct track again.

THE AGGPS TRUETRACKER™ STEERING SYSTEM. The active steering system for controlling an attachment keeps your tractor and the attachment on the same guidance line. If the attachment drifts, the NavController II signals to the attachment independently that it should change position in order to follow the correct track. The position of the attachment is detected by a second integrated receiver in the FieldManager™ display on your tractor and an additional NavController II with a GNSS antenna on the attachment. The attachment can therefore correct itself without the tractor having to adjust.

FIELD LEVEL SYSTEM. The FieldLevel™ System simplifies the measurements, design and planning that are necessary for terrain levelling projects. FieldLevel™ also contributes to guaranteeing optimal water management, by distributing precipitation uniformly over the entire area.

Function: surveying.

- Mapping the fields with RTK measurements
- Creating boundaries, internal points or surfaces
- Calculating the correct surface area of your field

Function: planning.

- Creating an adjustment surface with the auto-levelling function
- Defining main and cross gradients for a predetermined orientation and slope
- Using the Multiplane planning software for more complex field requirements

Function: levelling.

- Automatic actuation of the dozer blade hydraulics
- Levelling fields with tractors and dozer machines
- Operating tandem and dual dozer blade systems

**BECAUSE MAKING
THINGS MUCH EASIER
FOR YOURSELF
IS NOT HARD AT ALL.**







CONTROLLING CULTIVATION WITH ISOBUS EQUIPMENT CONTROL.

COMPLETELY ISOBUS-SUITABLE. Control all your ISOBUS equipment with a single screen. Our vehicles are pre-wired because complex add-on equipment often requires an ISOBUS joystick. This means that the functions can be assigned, opened and saved for each piece of add-on equipment.



BASIC TASK CONTROLLER. Takes over the documentation of total values, which are useful in terms of the work performed. Each attachment therefore makes these values available. Data is exchanged between the acreage index and the task controller using the ISO XML data format. This makes it easy to import orders into the task controller and/or export finished documentation.



SECTION TASK CONTROLLER. Controls the automatic activation and deactivation of sections that, for example, are for agricultural chemical spraying or fertiliser spreading, based on the GPS position and the required degree of overlap. In this way, section control can allow higher yields with simultaneous savings of 5–10% of material cost.



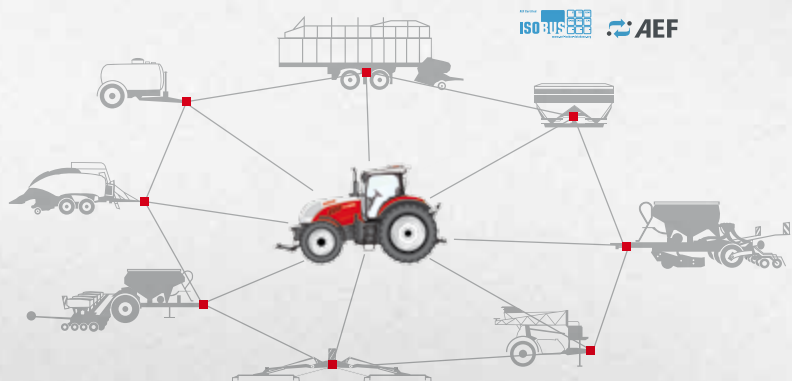
GEO-BASED TASK CONTROLLER. Offers the additional possibility of acquiring position-related data or planning location-related orders, for example using application maps.



With section control



Without section control







SIMPLY CLEVER: OUR TELEMATICS SOLUTIONS.

FLEET MANAGEMENT. With fleet management you can track your machines and – using an extension – your team, from a single website. This gives you the possibility of determining the exact location of a given machine to a high level of accuracy. In addition, the machine logistics can be coordinated, which allows maintenance and refuelling to be managed. This ensures that your employees are more productive and your machines operate smoothly.

STEYR S-FLEET TELEMATICS. This system makes it possible to retrieve real-time operating data from the machines via the mobile network. As a result, machinery managers can remain continuously in contact with the machines and send and receive real-time data, which saves time and increases productivity again.

S-FLEET BASIC. Protect your investments and increase maintenance efficiency by using the S-FLEET Basic alarm and theft-prevention systems. Geofencing ensures that a machine always stays within defined coordinates. Curfew management issues an alarm immediately if a machine is put into operation after closing time. S-FLEET Basic is compatible with existing precision farming systems, so that your regional authorised STEYR dealer can retrofit the system in your existing machinery. You can use S-FLEET Basic with every type of equipment that utilises the ISO J1939 CAN protocol.

S-FLEET ADVANCED. Includes all of the functional elements of S-FLEET Basic as well as some important extended functions. These include:

- **A two-way message transmission function** that allows the farmer/operation manager to select the machines to which information must be transmitted. Messages can be displayed immediately on the display of the relevant machines and the drivers can reply with an acknowledgement.
- **Virtual display,** with which farmers/operation managers can view the monitor of each machine on their computers. A number of parameter values and operating data can be checked, e.g. the cultivated surface area, the number of operating hours and the fuel consumption.



AGRICULTURE 2.0

S-TECH. The S-Tech software allows you to view, edit, manage, analyse and use your precision farming data. Regardless of the data source you start from—be it the S-Tech 700 Display, your crop consultant, an agricultural wholesaler or another supplier—your S-Tech software will assist you with importing and managing all the data easily.

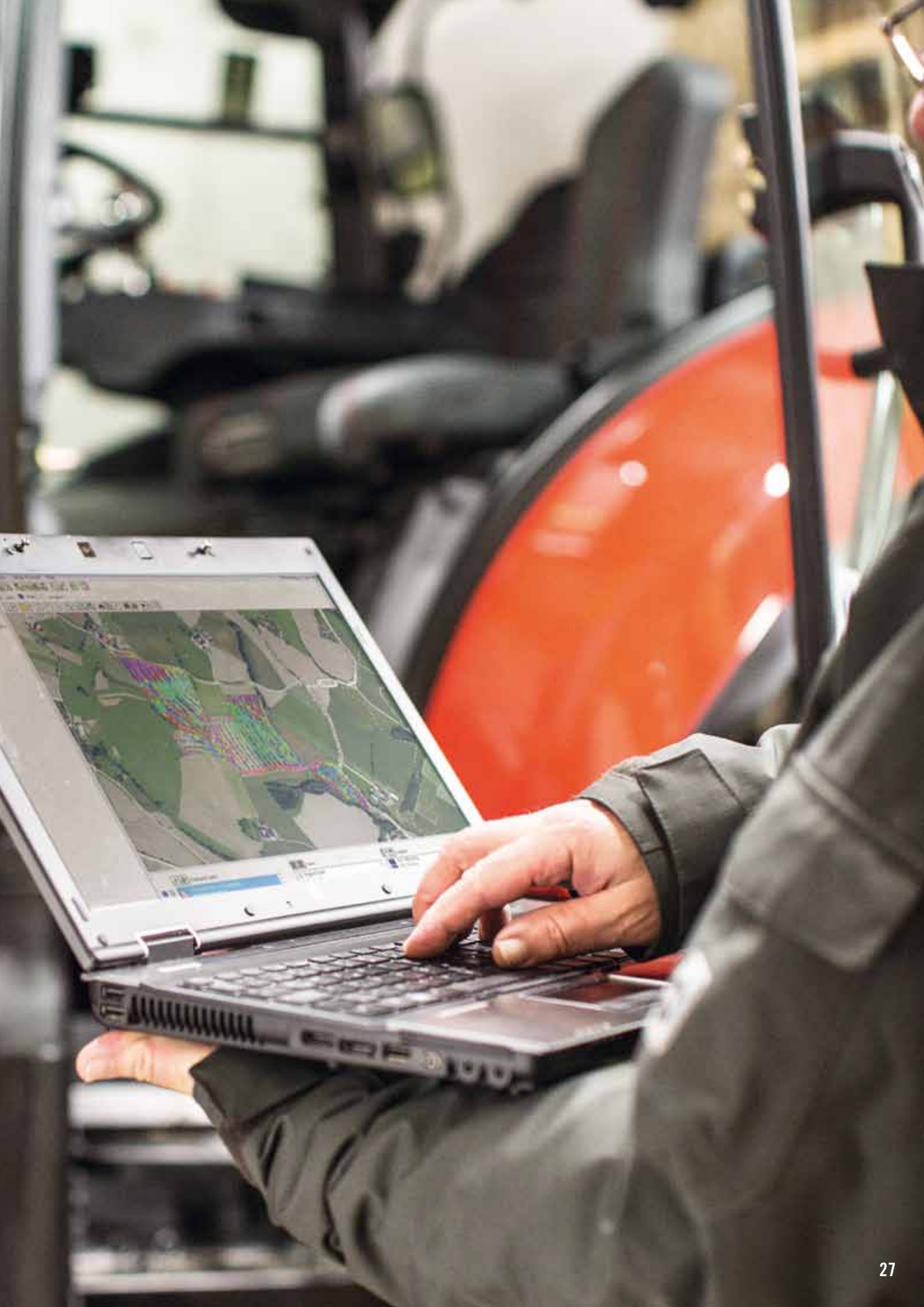
S-TECH VIEW. For viewing and tracking data.

S-TECH MAPPING AND RECORDS. For creating and managing field records, making maps and evaluating data.

IDEAL FIELD TRACK MANAGEMENT. You can easily use the S-Tech software to manage all the tracks in a field, modify them as required and then simply load them onto the S-Tech 300/700, FM-750™ or FM-1000™ monitor. As a result, all of the vehicles in your fleet can follow exactly the same tracks and repeatedly return to these tracks during the season. All while maintaining track-to-track accuracy up to 2.5 cm year on year, in every growth phase of your crops and in every season.

MANAGEMENT TOOLS AND A WIDE RANGE OF SOLUTIONS – AT FIRST-HAND. The STEYR S-Tech software is much more than a mere collection of data. It is a collection of effective programs for managing, analysing and adjusting data that is collected automatically by your S-Tech equipment or from other precision farming sources, to keep in your electronic field records. Organise all of your data with a single software package that allows you to process the data and print maps, reports or graphics. It is then easy to share these maps or reports with, for example, your crop consultant, if you so wish.









BECAUSE PRACTICE ALWAYS BEATS THEORY.

STEYR does not only offer top products but also the appropriate product training. Whether in the field, in the yard or at your dealership, you learn how to achieve the maximum efficiency, cost-effectiveness and comfort from your machines, directly on the equipment. S-TECH specialists, whose knowledge of the products and agricultural equipment cannot be beaten, are available in the S-TECH Support Centre with advice and assistance via the following telephone number: 0800 080056.

///S-TECH
SUPPORT CENTER
0800 080 056

OUR CUSTOMERS: WE CAN RELY ON THIS COMPANY.



Josef Wittmann, Deutsch Wagram

JOSEF WITTMANN FROM DEUTSCH WAGRAM HAS BEEN USING THE RTK SYSTEM ON TWO STEYR TRACTORS AND A COMBINE HARVESTER SINCE MARCH AND IS VERY SATISFIED WITH THE INITIAL EXPERIENCE.

“Work is a lot easier, especially when seeding but also when working with agricultural chemicals or cultivating. You no longer have to concentrate so much on driving straight”, says Mr Wittmann, full of praise for the EZ-Pilot driving assistance from STEYR. Grain harvesting is also much faster and easier. Wittmann assumed that there would be some initial uncertainties, but these were quickly resolved with the assistance of the STEYR Center Nord dealership. After so few months, he is not yet able to estimate the time and financial savings. However for this farmer, who grows sugar beets, wheat, winter barley, maize, peas and millet on approximately 150 ha of land, the main reason for the purchase was not to make savings, which he wanted to emphasise. Instead, making the work considerably lighter was of the utmost importance for him, which he now enjoys thanks to EZ-Pilot.

FARMER GEORG SCHERER FROM BEUTENMÜHLE, DILLINGEN IN GERMANY SAYS “WE HAD NO QUESTIONS WHEN ASSESSING OUR NEW STEYR 6205 CVT: WE HAD NO DOUBT THAT AN AUTOMATIC STEERING SYSTEM IS SIMPLY PART OF THE EQUIPMENT FOR A MODERN TRACTOR”.

Scherer, along with his family, runs a farming operation in Dillingen. Specialised machines such as a Horsch seed drill or an 8-m wide Knoche seed bed leveller are shared among multiple operations. “Automatic track guidance is the next step for us in optimising farming methods — a higher level of comfort, more precise working and new possibilities for cultivating, such as when diagonal stubble harrowing is involved”, explains Scherer. The new possibilities for digital field boundary management offered by the system were one essential reason for the purchase. The CVT is equipped with the EZ-Pilot steering assistance system. The 700 monitor, which is elegantly integrated into the armrest alongside the multi-controller and the IPC panel, is used for the display. The drive motor is integrated, with a very narrow profile, into the lower socket of the steering wheel, which allows unrestricted access to the dashboard and to the operating elements on the steering wheel. The antenna, the navigation controller, the vehicle interfaces and the steering angle sensor are all installed in the tractor. The preparatory setup was done at the factory. “It is possible to use the STEYR EZ-Pilot flexibly in different tractors or harvesting machines, which is another plus for this system”, confirms Georg Scherer.



Georg, Daniel and Michael Scherer, Dillingen



Martin Sachsenhauser, Hohenthann

MARTIN SACHSENHAUSER IS THE TYPE OF FARMER WHO DEMANDS ACCURACY DOWN TO THE LAST CENTIMETRE.

He runs a swine breeding and feeding operation in a self-enclosed system in Hohenthann, Lower Bavaria. Wheat, barley and grain maize for the farm’s own feed mixture, as well as a few sugar beets, grow on the 80 ha of farmland. The farm also works as a test farm for a company called Sygenta. Sachsenhauser’s STEYR 6205 CVT is continuously on the go. The red and white machine has been the main driving force of the operation since 2013 and is the first STEYR on the farm. “The continuously variable gearbox with a double clutch was what convinced me”, recalls the farm manager. “The vehicle drives extremely comfortably and the engine-gearbox management ensures optimal performance in any operating situation.” He also heard about the automatic steering system during sales discussions with a company named Ostermayr from Rohr. “I quickly came to appreciate the system itself”, says Sachsenhauser. This innovative technology arrived at the farm along with the new STEYR. His verdict is that “the accuracy brings invaluable advantages to almost all work steps”. The days of staring straight ahead for hours on end without moving are over, as the steering system takes over the driver’s tasks and keeps the machine on track and accurate to the promised 2-cm degree. He adds that he now has much more time to concentrate on monitoring the attachments, which increases the quality of his work enormously.

OVERVIEW OF S-TECH.

OVERVIEW OF THE CORRECTION SIGNALS	Transmission path			Accuracy (cm)		Convergence time (time to reach maximum accuracy)	GLONASS satellites are supported
	Satellite	Mobile telephony	Radio	Track-to-track	Absolute		
Egnos	■			20	100	20	—
Range Point RTX	■			15	50	30	■
Center Point RTX	■			4	4	30	■
RTK network (DCM 300 modem)		■		2,5	2,5	0	■
RTK radio			■	2,5	2,5	0	■

OVERVIEW OF THE MONITORS	EZ 250	FM 750	FM 1000	XCN 2050	S-Tech 700
Egnos	Manual	Assisted	Assisted	Assisted	Automatic
Range Point RTX	—	Assisted	Assisted	Assisted	Automatic
Center Point RTX	—	Assisted	Assisted	Assisted	Automatic
RTK	—	Assisted	Assisted	Assisted	Automatic

■ Available — Not available

AVAILABLE FROM THE FACTORY FOR MODELS:	S-Guide preparation	S-Guide complete ex works	S-Tech 700	ISOBUS
CVT 6170-6230	■	■	■	■
CVT 6130-6160	■	■	■	■
PROFI CVT	■	■	■	■
PROFI	—	—	■	■
MULTI	—	—	—	■



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STEYR
TRAKTOREN

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Safety first. Before using the equipment please read the operating instructions and ensure that all controls function correctly. Pay special attention to the signs and notices and use the safety appliances fitted for your personal safety. This brochure has been published for international circulation. The availability of individual models and standard/optional equipment may vary from one country to the next. STEYR reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold.

Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment.

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