

SDF Guidance

Revolutionise your fieldwork with satellite-based autosteering



 **SDF** Guidance

Discover our offer on receivers to start carrying out your tasks with the highest level of precision.



**DEUTZ
FAHR**

COMPONENTS REQUIRED FOR SUBMETER PRECISION GUIDANCE:

- iMonitor
- Tractor ready for automated guidance (steer ready)
- SR20 Antenna Submeter

SR20 ANTENNA SUBMETER



PRECISION
25 cm

CORRECTION SIGNAL*

- Autonomous
- SBAS (EGNOS or WAAS)

*Free available

SUGGESTED APPLICATION

- Soil Preparation
- Harvest

£ 4.195 // pn: 9.FN484.90.0

COMPONENTS REQUIRED FOR CENTIMETER PRECISION GUIDANCE:

- iMonitor
- Tractor ready for automated guidance (steer ready)
- SR20 Antenna Centimeter
- CTM

SR20 ANTENNA CENTIMETER



PRECISION
2 cm

CORRECTION SIGNAL

- RTK NTRIP

SUGGESTED APPLICATION

- Soil Preparation
- Seeding
- Crop Care
- Harvest

£ 7.249 // pn: 9.FN484.92.0

CTM



Device required to receive an RTK NTRIP correction signal (centimeter level precision guidance)

£ 1.045 // pn: 9.HT084.90.0

// SR20 RECEIVER

Innovative Product

Harness the power of multiple satellite systems with our SR20, including GPS, GLONASS, GALILEO, QZSS, and Beidou, ensuring robust satellite tracking for consistent accuracy in all conditions. Now, in partnership with the iMonitor H5, the farming experience reaches a new pinnacle. The iMonitor H5 introduces a range of new guidance features, seamlessly integrating with the SDF Guidance application and taking your precision farming to the next level.

// CTM

(Communication Telematic Module)

To unlock the highest precision with the SR20 Pro, your tractor needs a CTM modem. The CTM connects your tractor to the internet and ensures seamless access to RTK correction data. Thanks to its advanced eSIM technology, the CTM provides strong and reliable connectivity, even in the toughest conditions, ensuring your work is always precise and efficient.

*Check with your dealer to see if your tractor is already equipped or to get a CTM.

// DEVICES AND LICENSES REQUIRED FOR USING SATELLITE GUIDANCE:

- > SR20 Receiver
- > iMonitor: the iMonitor Guidance application serves as the central interface between the GNSS guidance system and the operator. With its highly automated support functions, managing a tractor using satellite guidance has never been easier.
- > Steer Ready Machine: the tractor is equipped with an automatic steering system.
- > CTM (Communication Telematic Module): required for centimeter-level precision satellite guidance.
- > Online Data Traffic: can be purchased with a Data Traffic or SDF Fleet Management license (required only for centimeter-level precision satellite guidance).
- > NTRIP RTK correction signal for centimeter-level precision satellite guidance (sourced from an external supplier)



// WHAT IS SDF GUIDANCE FOR TRACTORS?

SDF Guidance for tractors is an advanced technology that uses satellite signals to control and steer agricultural vehicles with extreme precision. This system leverages GNSS (Global Navigation Satellite System) technology to track the tractor's position in real-time, enabling highly accurate and efficient agricultural operations. Satellite guidance systems for tractors are designed to improve the precision of fieldwork, minimising errors and optimising the use of agricultural resources.

// WHAT ARE ITS ADVANTAGES?

Autosteering systems are transforming modern agriculture by delivering unmatched precision, efficiency, and sustainability. These systems excel in challenging conditions, such as foggy mornings, dusky evenings, or low-visibility scenarios, enabling farmers to maximise working hours while simplifying operations.


KEY BENEFITS INCLUDE:

- **Time and Cost Savings:** satellite-guided precision reduces the number of passes needed to complete tasks, saving time, cutting fuel costs, and optimising the use of fertilizers and pesticides.
- **Improved Productivity:** work efficiently in tough conditions like fog, rain, or during night without losing precision, increasing overall output and working hours.
- **Sustainability with Precision Applications:** precise placement of inputs such as seeds, fertilizers, and pesticides not only minimises waste but also reduces environmental impact. Examples include accurate mechanical weed control, which improves crop health and boosts yields.
- **Greater Operator Comfort:** by reducing physical and mental strain, autosteering allows operators to focus on monitoring and other critical tasks.
- **Autosteering makes farming smarter, more sustainable, and highly efficient, helping farmers achieve more with less effort.**



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