

AUTOSTEERING SYSTEM

IMPROVE YOUR FARM PRODUCTIVITY

FieldBee tractor guidance systems are affordable, modular and updatable, making 2.5 cm precision and working with perfectly straight lines accessible for all types of farming operations such as planting, fertilising, and harvesting.

- Suitable for 1000+ tractor models
- Save $\pm 15\%$ on your inputs and labour costs

Our high-quality guidance and steering systems will serve you for years to come, raising your yields while saving fuel, fertiliser and other farming costs.

KEY BENEFITS & FEATURES



Signal Compatibility

The FieldBee PowerSteer system is RTK, NTRIP and single base (Centipede) compatible. The RTK signal is provided via SIM card.



Antenna

FieldBee's latest generation antenna uses modern technology to ensure reliability and accuracy. This includes a two frequency receiver, compatible with Galileo, GPS, Glonass and BeiDou.



Traceability

Record your work. If you have several FieldBee Autosteering systems, a line created can be shared between FieldBee systems because data is saved on the cloud and not on the tablet. If you have a tablet failure, no worries, the data is stored on the cloud.



Data Access

- Access your data from the tractor or your PC
- Easily manage lines, create job reports or create plots
- Import plots from your FMIS or CAP file (coming soon)
- Prepare tasks from your PC to save time



Share Line

For those who use several FieldBee Powersteer systems, a line created with one guide is automatically available for the other Powersteer systems in the same account for your farm. No need for licence subscriptions or other additional costs. Thanks to the Cloud.



1

**INCREASE
PRODUCTIVITY**

2

**STRAIGHTFORWARD
INSTALLATION**

3

**EASY TO
USE**

4

**EASY USER
INTERFACE**

The Autosteering System is comprised of:



- **All-in-one controller**

The newest FieldBee GNSS receiver and controller delivers up to ± 2.5 cm RTK accuracy and includes tilt compensation with automatic steering control.

- **FieldBee Navigation app**

A replacement for the standard steering wheel with a motor that fits almost all tractor models, easy to install and transfer between vehicles.

- **PowerWheel**

One of the best tractor navigation applications with different navigation patterns, record-keeping functionality, field management, and many more features.

SPECIFICATIONS & OPTIONS

Size

Steering Wheel Motor: Ø171mm x 65mm
Steering Wheel: 360mm

Power

Supply Voltage 7-32V. DC
Consumption 10-15A.
Rated torque power 7-16 N.M.
Rated speed 80-100 rpm

Accuracy

±2.5 cm accuracy when receiving
RTK correction signal

Environmental and Compliance

PowerSteer IP-55
operating temperature: -25°C ~ 55°C



Basic and Premium



Hardware Add-Ons



Control Switch
Panel

ISOBUS

Kit Composition

- ✓ GNSS antenna and mounting
- ✓ Electrical harness between antenna and steering wheel
- ✓ Steering wheel with electric motor on the hub and steering wheel hub adapter
- ✓ Assembly and user manual
- ✓ Optional SIM card and modem

