

Don't Drive Yourself Crazy



- Affordable vehicle steering
- Improves driving accuracy to maximize field potential
- Reduces operator fatigue
- Easy to install, learn and operate

GPSteer simplifies and improves driving by automatically steering the vehicle along straight, consistent passes. Growers and custom applicators working in broad-acre applications will quickly realize cost savings and reductions in workload.

REDUCE OPERATOR WORKLOAD

- Focus on the job and leave the driving to GPSteer
- Finish your work during the optimum time window by reducing driving fatigue and operating during the day or night and in dusty conditions
- Remain confident in the safety features that provide visible and audible warnings in addition to disengaging the automated steering system when necessary
- The operator can manually steer the tractor at any time without the need to disengage GPSteer.

IMPROVE DRIVING ACCURACY

- GPSteer automatically drives the vehicle in straight, consistent passes that minimizes skips and overlaps
- Straight, accurate passes maximizes the field's productive area, lowers input costs and reduces the time in the field
- GPSteer accommodates many different field shapes with its line offset and skew functions. Operators can adjust GPSteer to drive row spacing and angles that may vary throughout a field.

GET STARTED TODAY

- GPSteer can be quickly and easily installed by interfacing our customized valve block into existing steering lines
- The customized valve block is compatible with nearly all farm vehicles and is automatically calibrated and adjusted when GPSteer is connected
- A simple user interface guides the user through set-up and operation - simply bring the tractor close to the proper line and let GPSteer take over

GPSTEER FEATURES

- Low cost automated steering system compatible with most tractors and self-propelled sprayers
- Stable heading and steering even on rough terrain
- Manual steering overrides GPSteer even when it is engaged
- Steering automatically disengages when necessary for increased safety
- Operates in speeds ranging from 1 to 20 mph
- User-configured sensitivity settings
- Standardized CAN (Controlled Area Network) and serial communication
- Four-line controller display with graphics, adjustable brightness and contrast, rotary dial and push-button interface

- Data logging with removable memory card
- Area computation
- Audible and visual indicators
- In-line and lateral antenna offset compensation
- Minimal components, cable connections and installation required
- Automated operation requires minimal set-up

GPSTEER GPS FEATURES

- LiteStar II is directly compatible with Satloc GPS systems and other manufacturer's GPS components
- Satloc AgIQ and SLXg3 GPS receivers provide accurate row spacing between passes - typically within 4 to 8 inches
- CornerPost RTK system accurate to less than one inch
- Differential GPS options include WAAS, OmniSTAR, radio beacon, RTK and Satloc's exclusive e-Dif
- Fast update rates provide accurate steering signals at a range of speeds

GPSTEER HYDRAULIC FEATURES

- Small customized valve block fits nearly all hydraulically steered vehicles
- Operator can manually steer the vehicle even while GPSteer is engaged
- System automatically disengages GPSteer hydraulics when power is off or in case of system failure
- Pressure override checks to prevent pressure rises in steering lines

GPSTEER MECHANICAL/ENVIRONMENTAL SPECIFICATIONS

- Voltage Input: 10-32 V
- Controller Dimensions: 6H x 4.7W x 3.4D inches (15.2H x 12W x 8.5D cm)
- Controller Display: 128 x 64 pixel backlit LCD, 4 line x 15 characters and graphics
- Steering Control Processor: 4.2H x 6.5W x 4D inches (10.7H x 16.5W x 10.2D cm)
- Operating Temperature: -4° to +140°F (-20° to +60°C)
- Storage Temperature: -40° to +176°F (-40° to +80° C)

