

Simple and Reliable Hands-Free GPS Assisted Steering

Simple

Are you looking for ways to improve your bottom line and the efficiency of your farming operations? New Cultiva OnTrac[™] assisted steering offers you a cost-effective solution for your tractor, sprayer, spreader, combine, or other approved* agricultural vehicle to reduce operator fatigue, reduce skips and overlaps, reduce fuel consumption, and increase your operating window.

For less than the price of a set of marker arms, you can add hands-free assisted steering to your vehicle. Less than 30 minutes and basic tools is all that is needed to upgrade the Cultiva ATC visual guidance system to the new OnTrac hands-free assisted steering system.

Cost-Effective

Rather than steering, you focus on the task at hand to manage a spray boom or maintain proper implement operation. In addition to reducing fatigue, you will perform spraying, spreading, tillage, or harvesting operations with greater accuracy and cover more ground more confidently and safely.

OnTrac assisted steering coupled with the power of the Cultiva ATC, will increase your farming productivity. Contours, center pivots, headlands, or straight lines are not a problem for the OnTrac assisted steering system. It saves fuel, chemicals, seed, and time. In fact, reduced overlap and improved productivity can pay for the system in the first year.

*The OnTrac assisted steering system is only approved for off-road agricultural use.

Reliable

The patent pending OnTrac design integrates with the steering wheel to provide consistent control regardless of steering wheel surface. Mounting below the steering wheel, the OnTrac assisted steering system minimizes manual steering obstructions.

Safety is a large consideration in the design of the OnTrac system. By simply gripping and turning the steering wheel, the operator disengages the drive mechanism. This physically uncouples the system, completely overriding any steering command from the Cultiva ATC.



Specifications

Vehicle Applications

- 2-wheel drive and MFWD tractors
- 4-wheel drive articulated tractors
- Combines
- Sprayers
- Flotation applicators

Packaging

- Drive mechanism with mounting hardware
- Steering controller
- Required cabling
- Installation instructions and User's Guide

Steering Accuracy

- 6-12" (15-30 cm) pass-to-pass accuracy* using Cultiva ATC Guidance System
- 2-4" pass-to-pass accuracy* using Cultiva ATC Guidance System HP with OmniSTAR® HP correction.**

* Pass-to-pass accuracy measured over 15-minute window, 95% of the time.

** Subscription required with OmniSTAR® HP correction.

Specifications subject to change without notice.

Drive Mechanism

Size: 9.5" (24.1 cm) W x 14" (35.6 cm) H x 3.5" (8.9 cm) D

Weight: 5.25 lbs (2.38 kg)

Power: 12 VDC nominal, 16 VDC max

Operating Temps: -4 to 140 °F

Storage Temps: -22 to 176 °F

Sealing: IP 21

Compliance: FCC part 15 Class A

Controller

Size: 7.25" (18.4 cm) W x 6" (15.2 cm) H x 2" (5.1 cm) D

Weight: 2.5 lbs (1.13 kg)

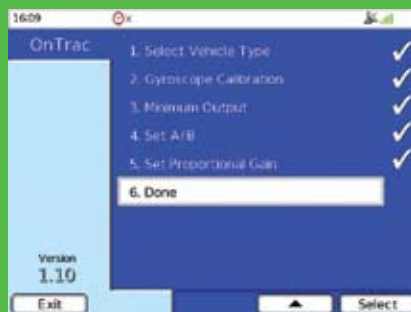
Power: 12 +/- 2.0 VDC operational, 16 VDC max

Operating Temps: -4 to 140 °F

Storage Temps: -22 to 176 °F

Sealing: IP 63

Compliance: FCC part 15 Class A



Simple Menus

Menus are easy to understand and simple to navigate – making OnTrac one of the most user-friendly assisted steering systems in the world.



On-Screen Instruction

Calibration of the OnTrac assisted steering system is easy to understand and follow with simple picture guided directions.



Easy Disengage

OnTrac automatically disengages whenever the operator turns the steering wheel.