

System 150

Precision AutoSteering System

*G3 Multiple Constellation
GPS, GLONASS*



Optional AES-25
Electric Steering

AGI-3 Receiver

GX-45 Console



GUIDE



AUTO
STEER



MAP



ASC



RATE

Sophisticated technology for simple operation
and industry leading performance.

- Optional AutoSection and Liquid Rate Control
- Optional AES-25 Electric Steering
- Flexible accuracy options, up to 2 cm
- Automatic coverage mapping
- Simple on-screen setup
- 5" color screen with separate day/night modes

System 150 Precision AutoSteering System

Using next-generation positioning technology, System 150 provides industry leading performance for today's farmer. AutoSteering provides benefits such as reduced soil compaction, reduced operator fatigue and increased operating hours.

Optional AutoSection and Liquid Rate Control

System 150 autosection control (ASC) automatically switches up to ten sprayer sections on/off as you cross previously applied areas. ASC eliminates gaps/overlaps and reduces inputs while protecting your crops. Liquid rate control keeps your spray rate constant even with varied vehicle speeds.



Automatic Coverage Maps

System 150's GX-45 console provides useful on-screen indicators for area applied, speed, row number, and satellite information while automatically building color coverage maps. Coverage mapping makes it easy to identify missed areas or overlaps. Boundary mapping lets you create field outlines to use over and over for any applications performed on that field. Knowing the field's size and shape helps you plan applications and coverage routes. Multi-function, quick-action keys follow the on-screen menus for easy function changes and simple operation. Use the USB port to easily transfer field data to your computer. An optional detachable lightbar provides additional visual guidance with optimal placement.



Added Productivity

System 150 offers a range of automatic guidance patterns including boundary and U-turn recognition, making it easy to complete turns and lock on to the next swath. Rugged, lightweight and portable, System 150 is simple to move from vehicle to vehicle. System 150 includes settings for leading market vehicles and allows you to set up configurations for front or rear implements and single or double-trailed hitch points.

AGI-3 Receiver

Not just a receiver, but a complete steering solution with fully integrated inertial sensors, the AGI-3 features full terrain compensation and superior line acquisition and holding capabilities. The AGI-3 allows direct interface steering through a standard ISObus interface (IS11783) and supports a wide range of steer ready vehicles. For accuracy up to 2cm, simply snap in the correction upgrade module for Omnistar or RTK performance with 900 MHz, Digital UHF, or GSM options. Compatible with Topcon base stations, GSM and CORS networks.



Specifications

Voltage	9 -32 VDC
Operating temperature	-20° to +60°C (-4° to +140°F)
Comm Ports	2 USB 2 CANBUS RS232/485
Connectors	3 12 pin DTM06-12S Deutsch 1 USB Type A
Display	320 x 234 Color QVGA
Supply Current	500mA (console only)
Switched Output power	5A peripheral output

Key Features

Accuracy options: standard WAAS, EGNOS
optional Omnistar VBS/XP/HP, RTK, GSM, CORS networks

Optional AutoSection Control (10 section) and Liquid Rate Control

Optional AES-25 Electric Steering

On-screen indicators: Row Number, Speed, Area Applied

Simple on-screen setup with visual aids, including implement offsets

Multiple field viewing options: Overhead, 3-D view, and "North Up"

Adjustable LED intensity settings to match working conditions

Quick action keys for simple operation

USB, CAN & RS-232 capable

Multiple contour patterns and language options

G3 Technology

Topcon's Paradigm G3 multiple-constellation receiver chip allows the AGI-3 to receive signals from all available satellites, now and in the foreseeable future. More satellites means improved accuracy, better satellite reception around hills and trees, and 24/7 round-the-clock operation.



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