If your GPS antenna is mounted 12 feet (4 m) above the ground, a 10% position error could occur. Mounted to a rigid structure on your vehicle, side slope can cause 2 feet (.6 m) of position accuracy. The new TeeJet FieldPilot Assisted Steering System is designed to let you take advantage of the most options and features in lightbar guidance systems.

TeeJet Technologies offers the most options and best features in lightbar guidance systems. With years of GPS and guidance experience, we have the know-how to help lightbar guidance that increases productivity and improves your bottom line.

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GPS Guidance Selection Guide

CenterLine 230BP

Advanced Guidance and Automatic Boom Section Control improves the way you work and pays money on your bottom line.

CenterLine 230BP combines effective GPS guidance with automatic boom section control. Guidance modes include Straight AB, Curved AB, and Headland Circuit modes. Setup is quick and easy, and the overhead map view is simple and intuitive.

Automatic boom section control uses your GPS locations and a record of sprayed areas to automatically turn off any sprayer boom sections that enter a previously sprayed area. This capability is very useful on point rows, in situations where swaths are applied side-by-side, and even at the end of each pass. Reducing overlap saves material inputs, fuel, time, and reduces operator stress. Automatic boom section control has been shown to save 5–15% of your input costs through reduced overlaps.

Automatic Boom Section Control the Easy Way

 BoomPilot Pro is an easy way to add automatic boom section control to your sprayer. Let GPS work for you by automatically switching off any sprayer sections when they overlap a previously applied area.

BoomPilot Pro records the GPS locations of the applied area in your field as you work. When a section of your sprayer boom overlaps one of those areas, that section is switched off automatically, and switched back on when it re-enters an unapplied area. This automation is very useful on point rows, curved rows and even at the end of each pass. Reduced overlap saves material inputs, fuel, time and reduces operator stress. Automatic boom section control has been shown to save 5–15% of your input costs through reduced overlaps.

BoomPilot Pro easily connects to your existing spray control system with a harness designed specifically for your controller. This plug and play installation is quick and easy, and keeps extra cabling to a minimum. BoomPilot Pro’s built-in GPS receiver only requires that the included small patch antenna be mounted on the roof of your machine.

• Save money and time by using GPS to automatically control boom sections on and off
• Automatic boom section control automatically switches on/off boom sections according to your controller’s settings
• Designed to easily connect to most common spray controllers
• Kits available for control of up to 15 boom sections
• Simple, intuitive operation with icon-based setup screens
• Easily adjusted overlap and delay settings fine tune performance to your specifications
• Manual override function

Straight A-B Pattern

Straight A-B Guidance provides straight line guidance based on a reference (A-B) line. The original A-B line is used to calculate all position data to your guidance device.

Assisted Steering

Assisted Steering allows for paint-free steering. FieldPilot systems interface with your machine’s hydraulic steering system for the best precision and operator convenience.

Tilt Compensation

Conventional GPS guidance errors caused by changes in air pressure, temperature, and humidity, are greatly reduced through the use of Tilt Compensation.

Automatic Boom Section Control

For pinpoint accuracy on one end and especially on point rows, the automatic section switching works as a previously sprayed area. It is automatically switched off. The benefits are reduced operator workload and reduced chemical, fuel and time requirements.

Internal GPS

GPS receivers are built into the console. A small patch antenna is mounted on the vehicle roof, and connects to the console. This design minimizes external cables and makes the product easier to install and move between vehicles.

CenterLine Pro

CenterLine Pro is the latest addition to the CenterLine family of GPS guidance systems. CenterLine Pro provides the same great benefits of GPS guidance as previous models, but with added features and capabilities.

• 10 Section control
• 15 Section control
• 20 Section control
• 30 Section control
• 40 Section control
• 50 Section control

BoomPilot Pro

BoomPilot Pro provides all of the benefits of GPS guidance, plus automatic boom section control. This easy-to-use system offers the following features:

• Manual override function
• Easily adjusted overlap and delay settings fine tune performance to your specifications
• Reduced overlap saves material inputs, fuel, time and reduces operator stress

With BoomPilot Pro

Without BoomPilot Pro

www.teejet.com
Matrix™ Guidance

Guidance Like You’ve Never Seen Before

- RealView™ Guidance over Video – A TeeJet exclusive!
  Guidance information and video displayed simultaneously
- Easy-to-use, 3D graphical guidance that is precise and accurate in all terrain
- Coverage mapping/data export
- Bright, daylight readable screen
- Console size: 5.7”
- Product upgrades include:
  - FieldPilot® Assisted Steering
  - BoomPilot® automatic boom section control
  - Tilt compensation
  - Video Selection Module for up to 4 cameras
  - External receiver or antenna upgrades
MATRIX™ GUIDANCE
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- Console size: 8.4”

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    section control
  - Tilt compensation
  - Video Selection Module for up to 8 cameras
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