

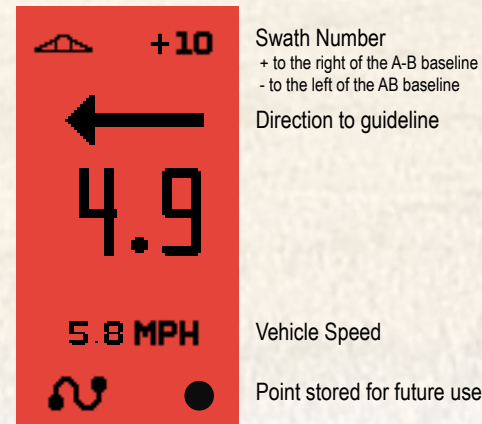
CenterLine® 220

Compact Guidance for any Application

Don't let the compact size of the CenterLine 220 fool you. This complete guidance system is designed to let you take advantage of GPS lightbar guidance for any field operation. Inside the conveniently sized guidance system is a high-quality GPS receiver and the guidance capabilities that make TeeJet Technologies leaders in lightbar guidance.

- Versatile GPS guidance in a compact, portable package
- Traditional lightbar guidance plus a graphical display provide complete guidance information
- High-quality Internal GPS engine with external antenna
- Simple setup gets you up and running in no time
- Straight-line (parallel) and curved A-B guidance modes
- Return to point feature

- Durable, sealed rubber keypad is easy to see and provides good tactile feedback for the operator
- Provides RADAR-like speed signal for use with other control systems that require a speed signal
- Built in look-ahead logic keeps you on track at any speed



Swath Number
+ to the right of the A-B baseline
- to the left of the AB baseline

Direction to guideline

Vehicle Speed

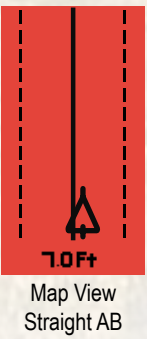
Point stored for future use



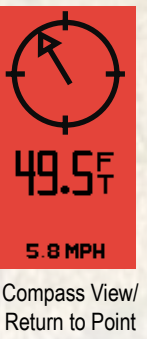
Swath Width Screen



Map View Curved AB



Map View Straight AB



Compass View/Return to Point

Guidance Modes
 - straight A-B
 - curved A-B



Assisted Steering System

FieldPilot is an innovative GPS guidance device that provides effective results in an easy-to-use package at an unbeatable price. Guidance information is provided on a bright, clear graphical display and also on a built-in lightbar. The system will provide manual or automated guidance in all guidance modes supported by the guidance system being used. The simplicity and value that make CenterLine 220 and CenterLine 230BP manual guidance so appealing are now available in an assisted steering package that is ready to make a difference in your operation.

FieldPilot connects to the hydraulic power steering system to provide reliable and convenient control. This method of connection keeps the cab free of brackets and motors that may interfere with normal steering.

During operation, the first pass in a field is driven manually. Subsequent passes are conducted by lining up the vehicle near the desired swath and engaging assisted steering. The vehicle will automatically maintain its precise location on the desired track. At the row end, the operator can easily disengage the steering system and make the headland turn manually.

- Low cost assisted steering
- Simple installation and operation
- Hydraulic steering interface for optimum performance
- Works with all guidance modes supported by the guidance system being used
- Tilt compensation and Gyro-stabilization included standard
- Remote engage/disengage switch
- Custom installation kits available to fit most common vehicles

FieldPilot® Assisted Steering System



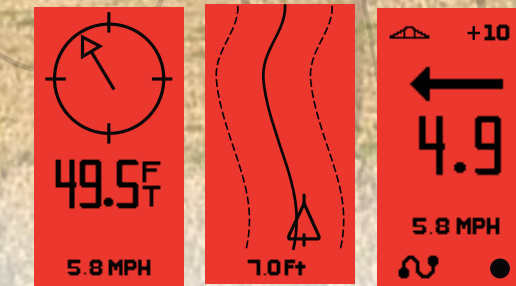
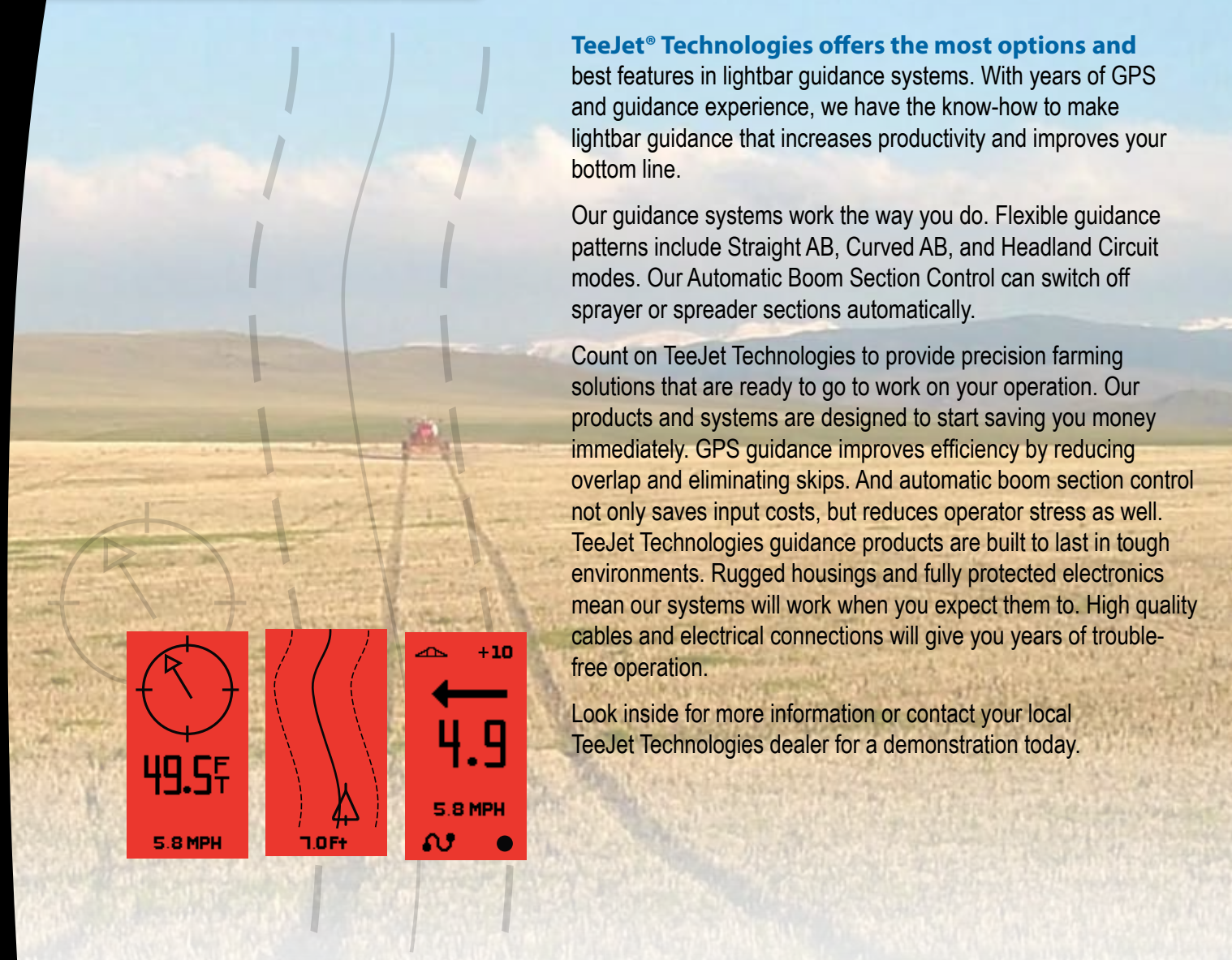
GPS Guidance Systems

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 make lightbar guidance that increases productivity and improves your bottom line.

Our guidance systems work the way you do. Flexible guidance patterns include Straight AB, Curved AB, and Headland Circuit modes. Our Automatic Boom Section Control can switch off sprayer or spreader sections automatically.

Count on TeeJet Technologies to provide precision farming solutions that are ready to go to work on your operation. Our products and systems are designed to start saving you money immediately. GPS guidance improves efficiency by reducing overlap and eliminating skips. And automatic boom section control not only saves input costs, but reduces operator stress as well. TeeJet Technologies guidance products are built to last in tough environments. Rugged housings and fully protected electronics mean our systems will work when you expect them to. High quality cables and electrical connections will give you years of trouble-free operation.

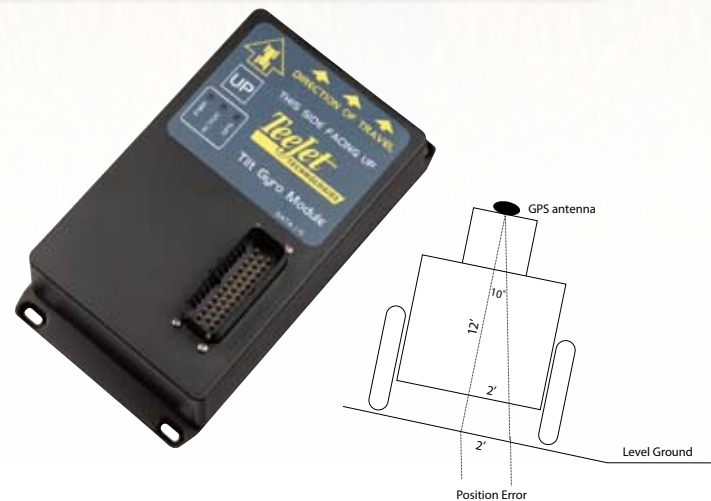
Look inside for more information or contact your local TeeJet Technologies dealer for a demonstration today.



Tilt Gyro Module

If your GPS antenna is mounted 12 feet (4 m) above the ground, a 10% side slope can cause 2 feet (.6 m) of position error. The new TeeJet Technologies Tilt Gyro Module corrects GPS position errors caused by side slope conditions. Mounted to a solid structure on your vehicle, the Tilt Gyro Module will intercept GPS signals from your receiver and provide corrected position data to your guidance device.

- Diagnostic LEDs indicate status of TGM (Power status, operating status, and status of incoming GPS data)
- Weatherproof electrical connector for trouble-free operation
- Mounting holes built into housing
- Compatible with CenterLine 230BP



FieldPilot is compatible with the following TeeJet Technologies products:

CenterLine® 220



CenterLine 230BP



Legacy 6000



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 1801 Business Park Drive
 Springfield, IL 62703 USA
 Tel: (217) 753-8424 • Fax: (217) 753-8426
www.teejet.com

A Subsidiary of Spraying Systems Co.®

CenterLine® 220



CenterLine® 230BP









BoomPilot® Pro



www.teejet.com

GPS Guidance Selection Guide

	Straight AB Pattern	Curved AB Pattern	Headland Circuit	Assisted Steering (Compatible with FieldPilot)	Tilt Compensation Compatible	Automatic Boom Section Control	Internal GPS
CenterLine® 220 	YES	YES		YES 	Included with FieldPilot only	Operable with BoomPilot	YES
CenterLine® 230BP 	YES	YES	YES	YES 	YES	YES To 15 Section	YES
BoomPilot® Pro 						YES To 15 Section	YES

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 other parallel guidelines.

Curved A-B Pattern

Curved A-B Guidance is similar to Straight A-B Guidance except that the reference line is curved.

Headland Circuit Guidance

Headland Circuit guidance is used to establish a perimeter around the application area. The CL230BP will allow two passes around the perimeter of the field - the original perimeter pass and one additional pass. Guidance is applied during the second pass, after the first pass has been completed. Points A and B can be established at any time during Headland Circuit mode. These points can be used as reference for Straight or Curved A-B Guidance (used during interior application). Mark Points A and B at the desired locations. The points will be stored for future reference.

Assisted Steering

Allows for hands-free steering. FieldPilot systems interface with the machine's hydraulic steering system for the best precision and operator convenience.

Tilt Compensation

Corrects GPS position errors caused by side-slope conditions. Intercepts GPS signals from your receiver and provides corrected position data to your guidance device.

Automatic Boom Section Control

For pinpoint accuracy on row ends and especially on point rows. Any time a sprayer section moves into a previously applied area, it is automatically switched off. The benefits are reduced operator workload and reduced chemical, fuel and time requirements.

Internal GPS

GPS receiver is 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® 230BP

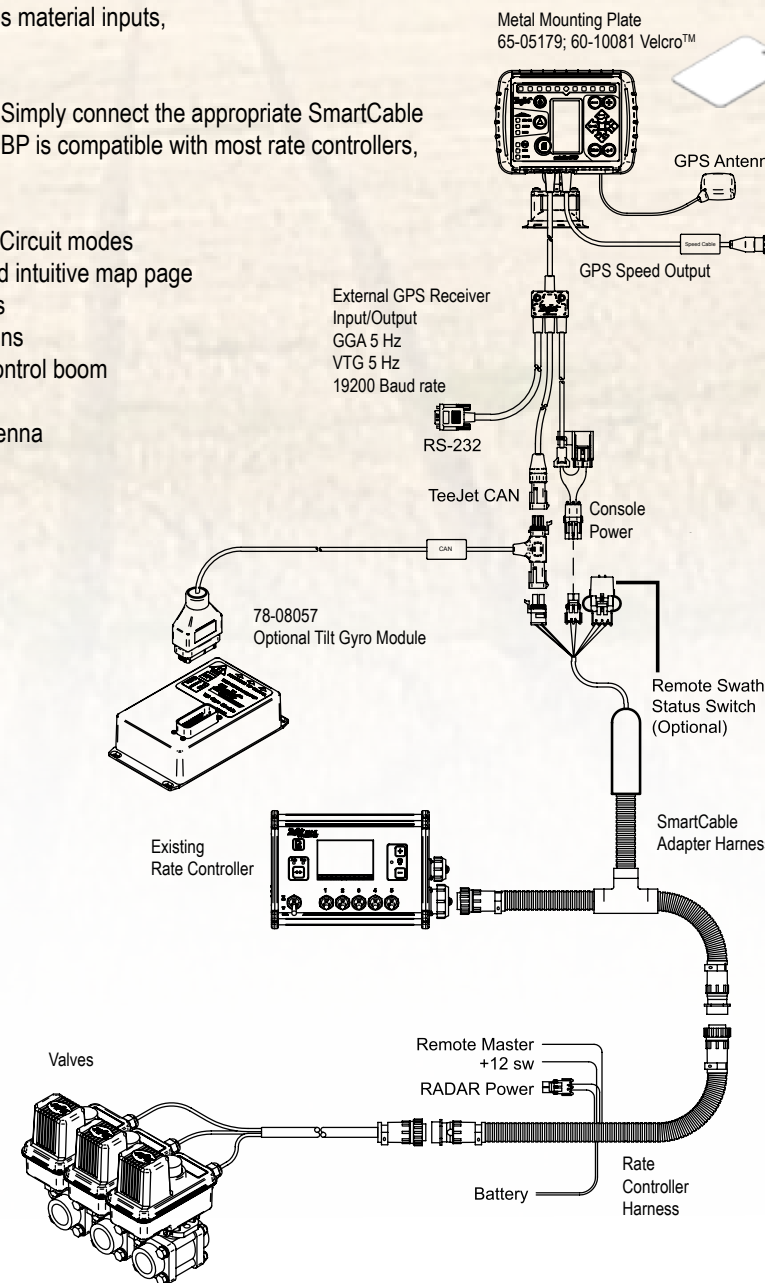
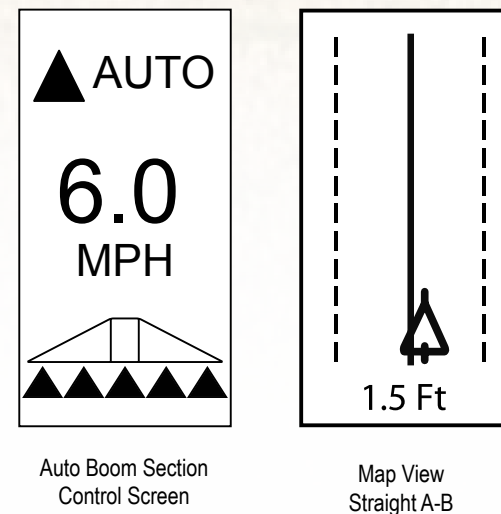
Advanced Guidance and Automatic Boom Section Control improves the way you work and puts money on your bottom line.

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 location and a record of sprayed area to automatically switch off any sprayer boom sections that overlap a previously applied area. This capability is very useful on point rows, in situations where swaths are curved, and even at the end of each pass. Reducing overlap saves material inputs, crop stress, fuel, time, and operator stress.

Automatic boom section control capability is built into the console. Simply connect the appropriate SmartCable to interface with your existing spray rate controller. CenterLine 230BP is compatible with most rate controllers, and installation is quick and easy.

- GPS guidance in Straight AB, Curved AB and Headland Circuit modes
- Guidance information shown on numerical data page and intuitive map page
- Simple, intuitive operation with icon-based setup screens
- Automatic boom section control for up to 15 boom sections
- Saves money and time by using GPS to automatically control boom section off-on status
- High-quality internal GPS engine with small external antenna
- Compatible with FieldPilot® assisted steering systems
- Return to point feature
- Applied area counter



BoomPilot® Pro

Automatic Boom Section Control the Easy Way

BoomPilot Pro is the easiest 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 location of the applied areas in your field as you work. When a section of your sprayer boom overlaps one of these 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 section off-on status
- Automatic boom section control uses GPS to automatically switch sprayer sections on and off
- 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 application
- Manual override function

