



Accuracy. Simplicity. Performance.

2015 SOLUTIONS GUIDE



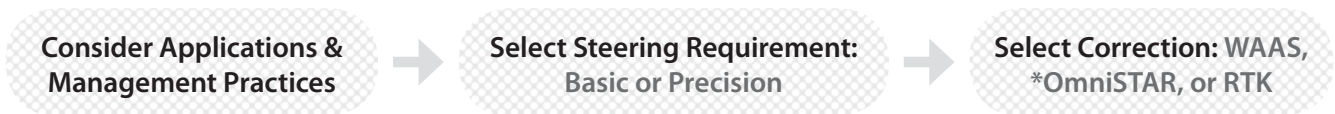


GUIDANCE SOLUTIONS

Selecting Your Precision Solution

Selecting the level of precision for your operation is a key decision in your future success. While the up front costs of higher end precision components and correction signal subscriptions can add up, few investments in your operation will pay back a solid return on investment as quickly. Feel free to use these time-tested graphs and selection charts to determine what GPS Products are the ideal Precision Solution for your operation.

STEP 1 Decisions Overview



STEP 2 Performance Expectations from Assisted Steering Systems

Relative Error Band

- eDriveXD
- eDriveXC

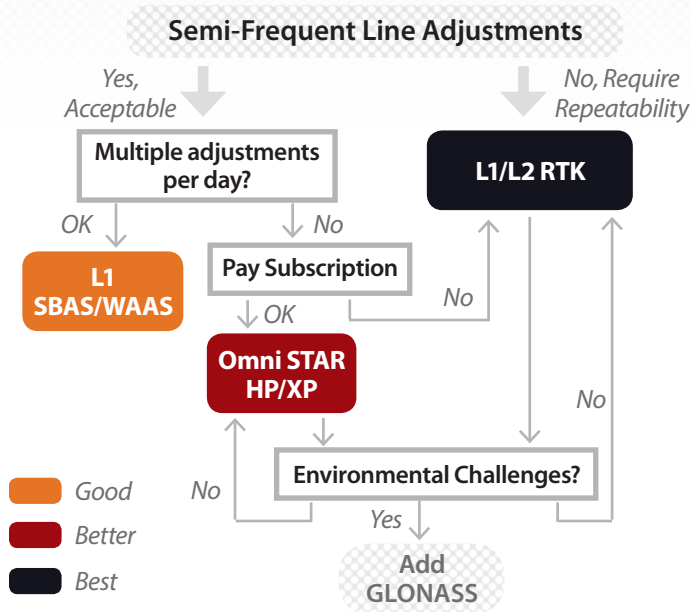


Steering Selection Based Upon Tracking Expectations

	eDriveXD™	eDriveXC™
Critical Row Spacing	No	Yes
eTurns™	Yes	Yes
Repeat Operations	No	Yes
Performance Expectations	Value Focus	High
Auto-Steer Ready Vehicle	No	Yes

*Omni STAR is a registered trademark of Trimble Corporation Limited.

STEP 3 Correction Type Decision Tree



STEP 4 Correction Type Comparison

Correction Type	WAAS	Omni STAR HP/XP	RTK Dual Frequency
Start-up Times	seconds	minutes	seconds
Base Station	No	No	Fixed or Portable
Tower Networks	No	No	Yes
Subscription Fees	No	Yes	On Network
Static Accuracy	60 cm	10-20 cm	2 cm
Pass to Pass Accuracy*	30 cm	5-12 cm	2 cm

*Pass to Pass Accuracy taken at the receiver position in 15 min moving windows

STEP 5 Combining Steering, Receiver Correction Performance

		Receiver Correction		
		WAAS	Omni STAR HP/XP	RTK
Steering		30 cm	12 cm 5 cm	2 cm
eDriveXD™	10 cm	32 cm	16 cm 11 cm	10 cm
eDriveXC™	2 cm	30 cm	12 cm 6 cm	3 cm

- External factors may add to final error number: machine factors, soil conditions, ground speed, etc.
- Steering error is measured at 5 kph in uniform field conditions on standard MFWD tractor
- Receiver error is measured in 15 min windows for estimations of Pass-to-Pass Accuracy®.
- Error measurements are relative and should be considered as +/- values
- Actual in-field results may vary

(1" equals 2.54 cm and 1 mph equals 1.6 kph)



TERMINALS

Outback MAX™

Outback MAX™ redefines simplicity in precision farming. The system works seamlessly with eDriveXC™ with eTurns™ and features section and variable rate control within the rugged, high-definition console. Full-featured section control, monitoring, and guidance are possible through Outback MAX with video support for up to 4 monitoring cameras and an optional switch box and lightbar that conveniently attach to the console.



Outback MAX™ with ISOBUS Capability

Outback MAX™ continues to redefine simplicity with its introduction of ISOBUS Universal Terminal and task controller functionality for automated section control, data management, and rate control with variable rate capabilities. Connect to ISO-ready implements regardless of brand/color for display and control purposes. The system features section and variable rate control within the rugged, high-definition console.

Outback STX™

The Outback STX™ Guidance System is the culmination of combining full RTK capability along with rate and section control in an autosteer-ready, value-based terminal. The Outback STX incorporates some of the industry's best innovations in a system priced below competitive terminals in this segment of the market.

Outback STX is compatible with the full line of field-proven Outback Autosteer Systems, including eDriveXC™ with eTurns™ automated turn solution. Single product rate and section control is available through integration with Outback AC110, making STX an ideal and cost-effective solution for vehicles where cab space can be limited.

STX is RTK capable when used in conjunction with a MAX Rover and Outback RTK base stations. If the cost of an RTK-capable system has been a hurdle in the past, Outback STX is your RTK solution.



Outback S-Lite

Add a level of precision to your operation this season with the Outback® S-Lite GPS Guidance System. At a fraction of the cost of competitive GPS Systems, S-Lite is the affordable solution for your operation.

Drive down input costs.

AUTOSTEER



Outback Steering Interfaces

Outback provides the most comprehensive options for interfacing an automated steering solution to the vehicles on your farm. Once you have chosen the steering solution that is right for your operation, eDriveXC or eDriveXD, you have the choice of installing those systems with a hydraulic or electric steering interface.

Hydraulic solutions, whether traditional or steer-ready, offer highly accurate and robust interfaces, utilizing existing hydraulic components on your vehicle without the need for additional in-cab components. Comprehensive model-specific installation kits and full-color instructions make installation easy and straightforward.

Outback eDriveXC™

eDriveXC is the latest from the industry pioneer in hydraulic autosteer solutions. eDriveXC provides centimeter-level accuracy ideally suited to precision planting and your most challenging RTK applications. The system features extremely quick line acquisition and features the industry's most dependable online performance. eDriveXC is the perfect match for precision placement of nutrients and season-to-season repeatability.



Outback eDriveXD™

eDriveXD is the ideal autosteer solution for tillage, spraying, harvesting and spreading applications that utilize a system with decimeter-level accuracy.

Outback eDrive w/ESi™

Outback eDrive® together with the ESi (Electric Steering Interface) delivers accurate automated steering performance in a simple to install package. The electric steering wheel and model-specific instructions included with eDriveESi reduce installation time to about two hours. Coupled with Outback eDriveXD or eDriveXC, ESi provides decimeter-level steering control accuracy ideal for broad acre applications such as swathing. When coupled with eDriveXC, ESi delivers centimeter-level accuracy. Operators will quickly realize the accurate and consistent steering performance that reduces operating costs, inputs and driver fatigue.





APPLICATION CONTROL

Outback AC110

Outback AC110 precisely controls application rates and automatically controls implement sections. Eliminating overlap reduces hot spots and ensures even application across the entire field, regardless of shape or size. The AC110 platform leverages flexible programming technology that allows it to control machine functions for spraying, spreading, and anhydrous applications.



PRECISION

Repeaters (900 and 400 Models)

The Outback Repeater offers a flexible radio solution that increases RTK coverage and eliminates problems with signal interference that would otherwise result in downtime. With both 900 MHz, and powerful 400 MHz radio options, as well as portable or permanent installation kits, all RTK users can take advantage of RTK signals in hard-to-reach areas. Outback Repeaters are compatible with the full line of Outback touchscreen terminals, as well as the field-proven Outback RTK Base Station.



Outback RTK Base Station

The Outback A321 smart antenna offers a versatile solution for your portable and fixed base station needs. A321 contains our leading edge Eclipse II L1/L2 GPS + GLONASS receiver technology and survey quality GNSS antenna to ensure you have the best possible RTK base solution on the market. Available with powerful 900 MHz and 400 MHz radio options, A321 ensures you maintain consistent RTK through challenging terrain and long distances.



Improve accuracy, repeatability, and return on investment.

OUTBACK EXTENDED SERVICE PLAN (ESP)

The Industry's Best Support

It's about factory direct purchasing coupled with local and online service support. It's the best of both worlds for the customer. Unlike a traditional dealer, Outback Guidance Centers have one mission, and that's to provide assistance to the customers in their assigned territory. It provides human contact at the local level. Their guidance business is managed on-line, helping them cut unneeded overhead and serve their customers better.

ESP coverage is now available on all Outback serialized products. ESP is associated with the serial number and coverage will begin on the date the units are shipped. ESP is not available outside the U.S. and Canada at this time.

CUSTOMER TESTIMONIALS

I used the MAX for commercial spraying about 10,000 acres of potatoes, wheat, corn, soybeans and few edible beans with a high clearance sprayer. We used it for both guidance and creating as-applied maps, and in both cases, it seemed to be very accurate.

"One of the nicest things about it is the ability to save implement profiles so you can switch applications without ever having to re-enter anything. Being able to customize the screen and pick your own favorite options for the buttons is nice, too. It's a little thing, but I even liked that you can change the color of the tractor on the map. It just makes it that much more 'real life' on the screen."

Gavin Gilchrist
Alliston, Ontario

We updated the eDriveX with eTurns software in two different Spra-Coupe sprayers this past fall. I mainly used the one for some fall spraying and didn't have any problems. The turn is much tighter and I can turn much faster than ever before. It's like you took a compass and drew a circle at the end of the field, because it makes a 180-degree turn within that radius. You have to tell it whether you want to go left or right, but that's about the only input that is required, since it also recognizes the headlands and field boundaries."

Chuck Bebermeyer
Hiawatha, Kansas

I've got Outback units on all my tractors, but I liked the new Outback MAX better than anything Outback has had before this. I used it in a Case IH MX305 with an eDriveX for planting and it was easy to use, easy to read and really easy to adjust. The way it all works through the touch screen and push buttons on the MAX versus the S3 is just a lot simpler. I also liked how easy it was to read at night. It was a just a nice unit all the way around."

Travis Michl
Newton, Illinois

The thing I like about the new eTurns option is that there's no guessing anymore when lining up for the next pass. You don't have to watch the screen, look at a lightbar or anything. Once you get to the headland, all you have to do is confirm the turn direction and it automatically makes the turn and lines up the next pass ... which takes even more fatigue out of the day, especially if you don't have a marker or a reference point or it's getting too dark to see it. With this thing, when you make the turn, it's lined up on the row right away.

"We've since added eTurns to all four of our tractors that are equipped with the eDriveX. The first time we used it, though, was with our Case IH MX230 and our spray rig. Since the eTurns made all the turns, it gave me more time to concentrate on the job and to make sure the sprayer was always applying the correct rate. We also used one on the fertilizer spreader. In both cases, I've been really impressed with the way it turns itself."

Glen Heuchert
Grafton, North Dakota



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