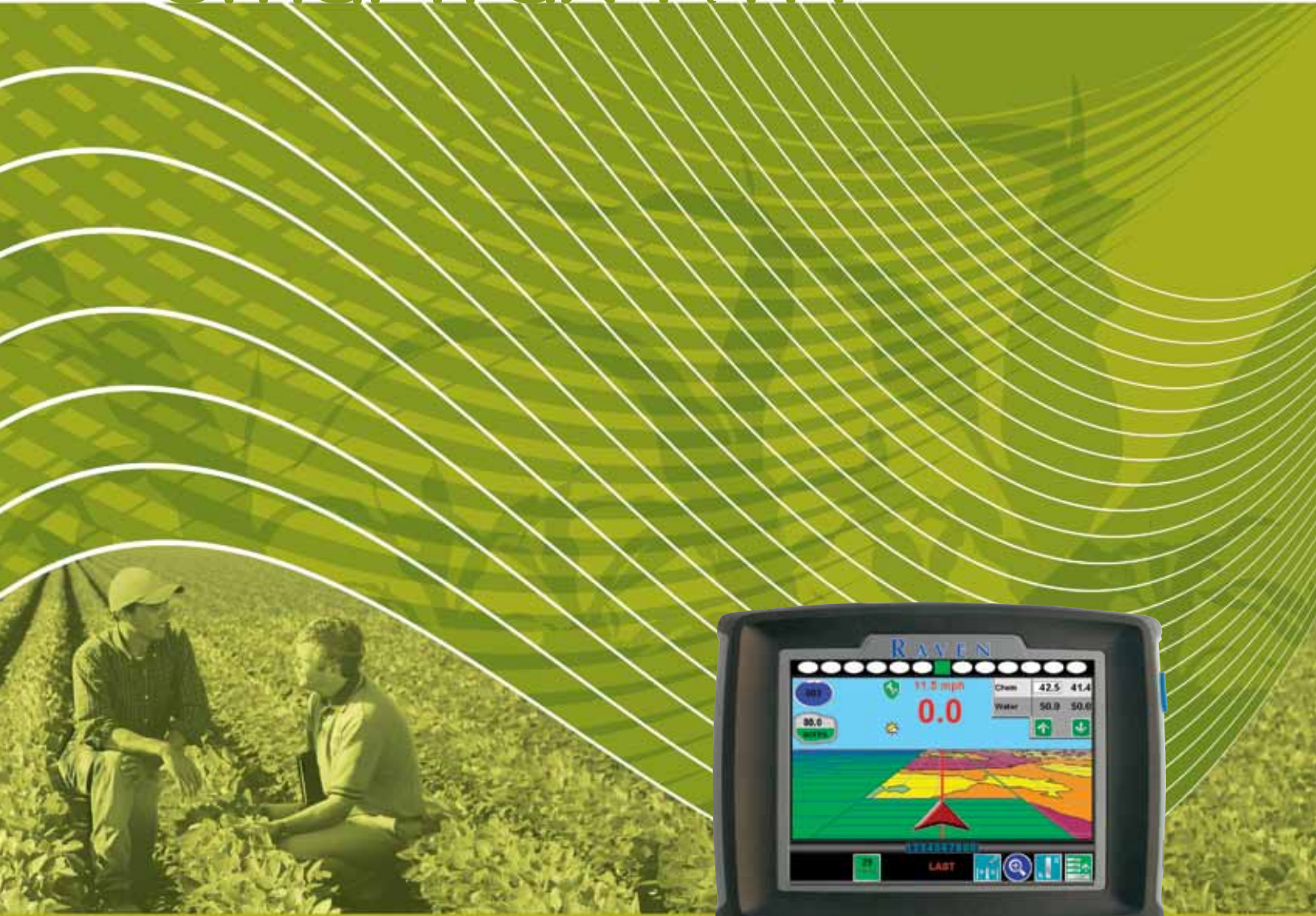


RAVEN

*Simply improving your position.<sup>SM</sup>*

# SmarTrax™ & SmarTrax RTK™



Driving your success at the highest levels—simply.

(SmarTrax RTK on display with Envizio Pro II™ field computer.)

# SmarTrax™ & SmarTrax RTK™



SmarTrax and SmarTrax RTK assisted steering let you redefine the limits—like faster operating speeds and easier, more relaxed driving. And with SmarTrax RTK you can get even more out of your automatic, hydraulically controlled GPS-guided system with sub-inch accuracy for the ultimate in precision and repeatability. Hands free!

**Faster than a speeding bullet.** SmarTrax and SmarTrax II help you cover more ground in less time than you ever imagined. That means more time for other things and less time behind the wheel.

**Repeatable. Repeatable. Repeatable.** With SmarTrax RTK sub-inch accuracy, you don't have to wait for the stars to align to hit the nail on the head every time. And with 3D compensation, SmarTrax RTK assisted steering gives the extra accuracy and repeatability it takes to make your strip tilling and planter control system pay off big time.

**Saving time and money.** With automatic system calibration, SmarTrax and SmarTrax RTK assisted steering save you time and money right up front. SmarTrax is compatible with all Raven field computers and guidance systems, giving you more opportunities to improve your operating efficiency and performance. SmarTrax RTK is specially designed for Raven's Viper Pro, Envizio Pro and Envizio Pro II field computers.

**Driving advances.** The more acres you farm, the more you'll appreciate SmarTrax and SmarTrax RTK assisted steering, carefully designed and engineered to deliver the convenience, reliability and performance only Raven can provide. Across-the-board GPS compatibility, 3D compensation and automatic system calibration make all the difference in the world when your season is on the line.

**Patterned for success.** To better match your driving needs and situation, SmarTrax and SmarTrax RTK assisted steering give you four field patterns to choose from. This simple convenience, in combination with our other customer-based assisted steering solutions, gives you more opportunities to succeed.

## Steering your way any easier, more

With Raven's unique hydraulic-assisted steering, you can't go wrong with either SmarTrax or SmarTrax RTK. Simply pick the level of accuracy you want—and you're on your way.

### Shared System Features & Benefits

**Hydraulic-controlled system** enhances high-speed operation and offers faster line acquisition and correction for changes in soil condition and implement pull. A greater range in correction also allows for "harder" turns when necessary.

**Faster operating speeds** get you in and out of the field in record time—and make it possible for you to relax while you cover more ground with faster, more efficient applications.



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# Way to profitability doesn't get more automatic—or precise than this.

**Automated system calibration** simplifies startup and does all the figuring for you. That means you're up and running in no time, without any of the old headaches or tinkering.

**Four field patterns**—straight A-B, fixed curve, pivot, and enhanced last pass patterns.

**Engaging and disengaging are simple.** No buttons to push or switches to flip. Simply grab the wheel and you're in control. To re-engage, our foot-switch keeps it simple and keeps your hands free.

**Clean cab installation** is a welcome reality, with no drive mechanisms to get in your way.

**Compatible with steer-ready machines,** with after-market kits available for improving just about every situation.

## Simply Driving Your Success

GPS Correction Signal	Pass-to-Pass Accuracy	Raven Assisted Steering
RTK (Real Time Kinematics)	Sub-Inch	SmarTrax RTK
OmniSTAR HP	2-4 Inches	SmarTrax
OmniSTAR XP	3-5 Inches	SmarTrax
WAAS/EGNOS	6-8 Inches	SmarTrax

## Higher Performance Features & Benefits

SmarTrax RTK assisted steering is specially designed to deliver superior accuracy and repeatability for strip tilling, planting and other operations that demand nothing less than the highest level of precision. Here's how.

**Slingshot™-compatible RTK correction signals** deliver sub-inch accuracy all season long—and keep you on line from one year to the next.

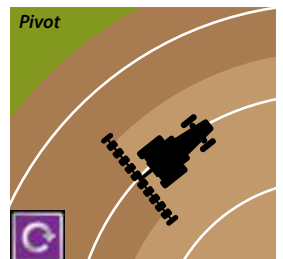
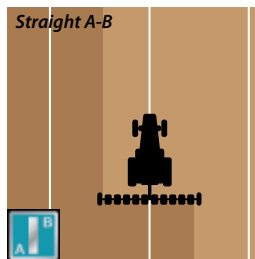
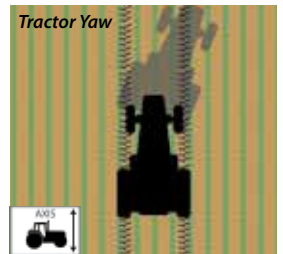
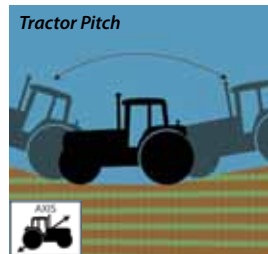
**3D terrain compensation** automatically corrects for roll, pitch and yaw for greater accuracy and reliability on uneven terrain.

**CANbus control node** puts SmarTrax RTK in direct contact with your field computer. No control box required, which means one less piece of equipment in your cab.

## Another Steering Option

Raven offers an alternate assisted steering design with its SmartSteer™ mechanically driven system. This affordable, simple to install system is designed so you can move it quickly from one vehicle to the next—without even removing the steering wheel.

Right: SmarTrax RTK offers 3D terrain compensation for maximum accuracy and repeatability, automatically adjusting for tractor roll, pitch and yaw.



Above: SmarTrax and SmarTrax RTK assisted steering systems are compatible with four field patterns for faster line acquisition, higher operating speeds and more relaxed driving.

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It takes a system:  
Superior. Seamless. Scalable.

FIELD COMPUTERS	GUIDANCE AND STEERING	APPLICATION CONTROLS	BOOM CONTROLS	PLANTER CONTROLS
Viper Pro™	Cruizer II™	SCS Consoles	AutoBoom™	OmniRow™
Envizio Pro II™	SmarTrax RTK™	Switch Pro™	AccuBoom™	AccuRow™
Envizio Pro™	SmarTrax™	AccuFlow HP™	SmartBoom™	SmartRow™
	SmartSteer™	AccuFlow™		CropStart II
	GPS Receivers	Sidekick Pro™ : Dir. Injection		
	RGL Series Lightbars	Sidekick™ : Direct Injection		
		RFM Flow Meters		
		Valve Products		
		FlowMax™		
		DCS Consoles		



## Raven Field Computers: Total system control.

Raven's Envizio Pro II™ and Viper Pro™ multi-function field computers give you the power to control, simplify and improve virtually every farming function with ease. Variable rate applications, auto-steering, automatic boom height and section controls, GPS-guided on-off planter controls, record keeping, mapping, wireless communication—you name it.

## Raven: Simply improving your position.<sup>SM</sup>

Adding Raven to your operation brings an unequaled brand of precision agriculture innovation and performance to your farm.

Imaginative products that are relevant and reliable. A thoughtful approach to solving problems unique to agriculture. Seamlessly integrated systems that simply work — simply.

An incredible depth of human resources: On-the-ground service from Raven Precision Ag Specialists; our customer-oriented product development and support staff; and your local Raven dealer or distributor.

Raven offers a powerful and profitable product portfolio — targeted precisely on what matters most: Reducing input costs. Increasing yields. Saving time and labor. Making better decisions. Enhancing environmental stewardship. Achieving your financial objectives.

It's all about improving your position. Pinpointing exactly where you are in your field. Applying best management practices to grow more with less. Helping you meet challenge, cope with change and capitalize on opportunity. Strengthening your balance sheet.

If you want to farm better, smarter and more profitably, discover Raven. Because improving your position is our highest priority.

### Raven Industries

1-800-243-5435

RavenPrecision.com

### Raven Industries-Canada

1-800-793-2155

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