

RAVEN

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

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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	SCS Consoles	AutoBoom	AccuRow
Envizio Pro	SmarTrax™	RFM Flow Meters	AccuBoom	CropStart II
	QuickTrax	Valve Products	SmartBoom	
	FarmPRO™	AccuFlow		
	GPS Receivers	Sidekick: Direct Injection		
	RGL Series Lightbars	Switch Pro		
		FlowMax		
		DCS Consoles		



### AutoBoom Height Control: The Next Step up.

AutoBoom automatic boom height control is the next level of Raven technology that makes spraying easier and faster on all types of terrain. With three systems to choose from, AutoBoom's unique pressure-based hydraulic design delivers smoother, more responsive boom control with superior stability and operation. AutoBoom works seamlessly with Raven's Envizio Pro and Viper Pro field computers to improve your boom management system—and reduce wear and tear on valuable equipment.

**Raven Industries**  
1-800-243-5435  
RavenPrecision.com

**Raven Industries-Canada**  
1-800-793-2155  
RavenCanada.com



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### 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.

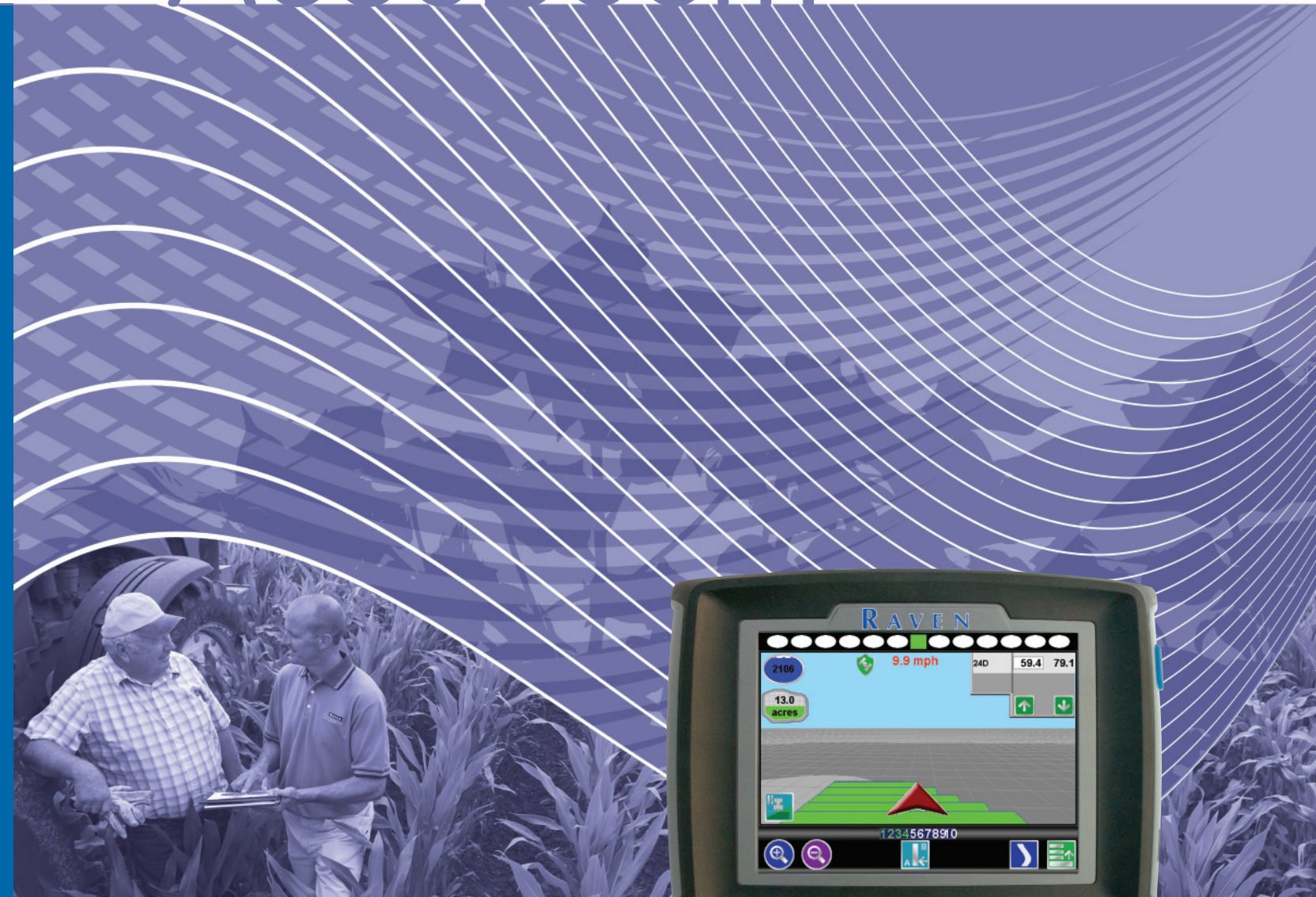
An incredible depth of human resources: On-the-ground service from Raven Precision Ag Specialists; our customer-oriented product development and support staff; and your local Raven dealer or distributor.

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.

# AccuBoom™



Automatic section control pays all the way.

(Shown here with Raven's Envizio Pro field computer.)



# AccuBoom™



AccuBoom automatic section control is your best protection against rising input costs—and pays for itself in no time. Greater fuel and chemical savings, faster spraying times, ease-of-operation and more accurate spraying all add up quickly to improve your return on investment each and every season.

**Improved Efficiency and Savings.** With automatic on-off control for up to 10 sections, AccuBoom uses Raven's advanced CANbus technology to spray only where you want to spray, avoiding no-spray zones and eliminating wasteful overlaps. It all adds up to savings of up to 8%\* or more compared to manual operation.

**No Fuss. No Muss.** AccuBoom is easy to set up and operate. Simply input your field or spray boundaries into one of Raven's multi-function field computers; set the percent of coverage overlap desired; indicate how far ahead you want AccuBoom to look for proper shutoff—and you're good to go.

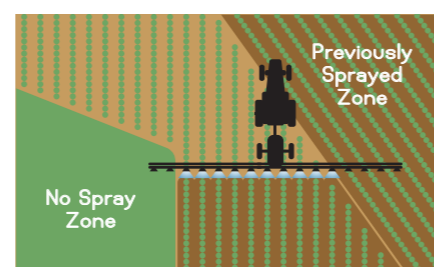
**Just right for your sprayer.** AccuBoom automatic boom section control works with 99% of the self-propelled and pull-type sprayers on the market today—making sure you maximize your return on investment while still keeping it simple. That's good for you, your pocket book and the environment.

**Remote Control and Convenience:** With AccuBoom's wireless receiver and remote control option, you can check each section by yourself outside the cab. This handy accessory saves time and chemicals—and lets you turn each boom section on and off while you're standing right there to see.

\* Cost savings for AccuBoom automatic section control can vary from 5% to 30% over manual operation, depending on the shape and size of the field, the type of application and the actual equipment/system used.

## Automatic section control puts more money in your pocket—and lets you relax while you spray.

No more fighting over who gets the "square" fields. AccuBoom's automatic boom section control makes your spraying easier, more cost-efficient and more accurate than ever before.



**Individual boom section control** gives you the most accurate and cost-efficient system possible—automatically avoiding no-spray zones and previously sprayed areas. With AccuBoom, you spray only where you want to spray. No more, no less.

**Adjustable look-ahead function** with automatic speed compensation lets you adjust your settings easily for precisely the amount of overlap you desire. AccuBoom works seamlessly with Raven's CANbus technology and field computers to make it automatic.

**Adjustable % coverage** lets you determine how much field coverage or over-spray you have near no-spray zones and previously sprayed areas—from 0% to 100%, either way. You decide.

**AccuBoom's manual override function** allows you to go back and re-spray select areas without having to leave the job. When you're ready, with the touch of your finger, AccuBoom picks up right where you left off.

**Wireless receiver with optional remote section control** saves time, money and chemicals. A major convenience that lets you turn boom sections on and off from outside the cab—and check them all yourself, one at a time.

### Field computer selections for AccuBoom section control

Raven's CANbus technology and multi-function field computers work seamlessly with AccuBoom to give you the ideal computer/display interface for superior section control. The Envizio Pro and Viper Pro multi-function field computers top the list with full-view touch-screen displays, advanced field mapping and data recording, wireless capability and more.

Both Viper Pro and Envizio Pro are scalable for enhanced system performance and functionality, including GPS guidance and assisted steering, boom height and section controls, application controls and planter controls, too.



**Envizio Pro:** Integrated 10 Hz DGPS receiver for sub-meter accuracy; two-product capability with optional one-product variable rate application control; and 6.4-inch touch-screen display. Scalable for greater accuracy and precision.



**Viper Pro:** Built with more power and memory with faster processing times for larger growers and custom operators; five-product variable rate control; and vertical 10.4-inch touch-screen display. GPS receiver sold separately; scalable.



AccuBoom's remote control option is the ultimate in convenience and efficiency. With this terrific device in hand, you no longer have to be jumping in and out of the cab to check your spray nozzles. Remote on-off control for each section delivers on-the-spot savings no matter where you stand.



Your Raven dealer and Precision Ag Specialist can help you decide which Raven field computer is best for your farming situation and operating needs.