

AUTOBOOM

GLIDE series



RAVEN

PRECISION
Solutions

Building the Platform for Success

Why Do You Need An Automated Boom Height Control System?

Automated boom height control can increase application accuracy and reduce boom wear-and-tear by keeping the boom level and at the optimal height. Raven Autoboom allows you to spray faster and more accurately by automatically adjusting the height of your spray booms as you travel across the field. This means that you spend less time watching your booms and trying to prevent them from hitting the ground or crop. Autoboom detects changes in ground height and adjusts your boom height accordingly. Not only can you decrease driver fatigue and wear and tear on your machine, but you increase the accuracy and coverage of the application. It's a simple one-touch operation, allowing you to just sit back and drive.



Is there a kit available for your machine?
Visit www.ravenprecision.com to see a complete list of kits.

PowerGlide

The PowerGlide system is a low-cost starter system that uses gauge wheels to detect the ground height and then automatically adjusts the boom with hydraulic pressure. Perfect for trailed or self-propelled sprayers.

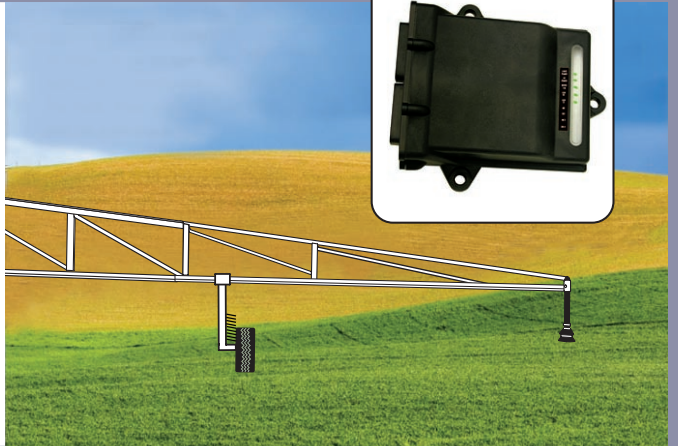
- > Less than half the price of the nearest competitor
- > One button engage
- > Easy to use and adjust
- > Compact console saves space in the cab
- > Rigid wheel is standard (Suspension wheel optional)



PowerGlide Plus

The PowerGlide Plus system boasts all the same features as the PowerGlide system, but is also available in CANbus configuration.

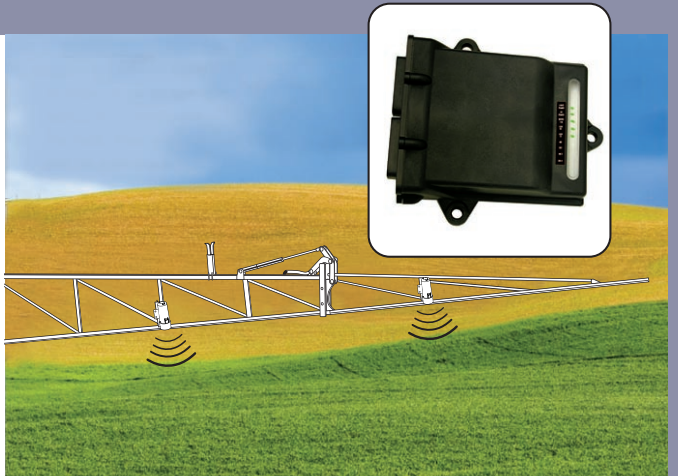
- > Simplified one touch calibration
- > In cab adjustment
- > Cushioned wheel enhances performance for extreme field conditions
- > CANbus technology
- > Compatible with many standard consoles



UltraGlide

Truly the ultimate in height control. Uses ultrasonic sensors to detect distance to target and then automatically adjusts the boom with hydraulic pressure.

- > Simplified one touch calibration
- > In cab adjustment
- > Able to read up to 5 sensors
- > Can also run in wheeled mode
- > CANbus technology
- > Compatible with many standard consoles





**VIPER
PRO**



**AUTOBOOM
CONTROLLER**



**SCS 5000
& OTHER RAVEN
CANbus CONSOLES**

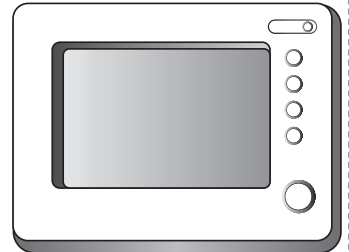
Control AutoBoom With These Consoles



**ENVIZIO
PLUS**



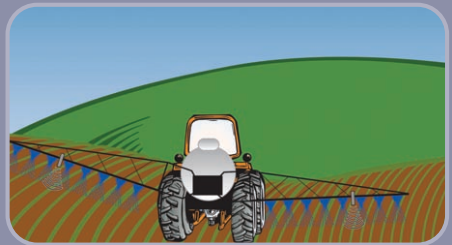
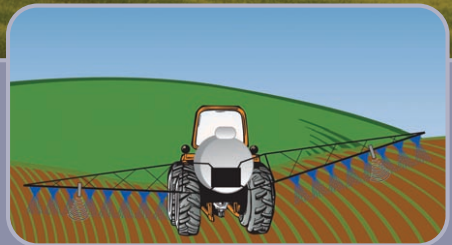
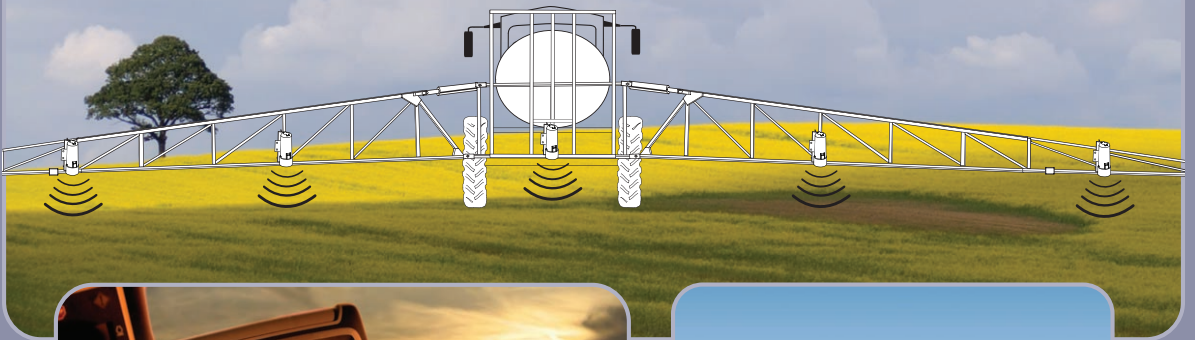
**ENVIZIO
PRO**



**ISOBUS
TERMINAL***

*ISO Autoboam node is compatible with 3rd party ISOBUS Consoles

As shown in the picture below, the ultrasonic sensor detects the height of the ground and adjusts the boom height accordingly. Now, hilly or rough terrain is as simple to apply as a flat field. Plus, with our new "One Step" calibration, you can setup your system with just the push of a button.



Raven Precision Solutions Specializes in:

Guidance and Precision Systems:

Cruizer, Envizio Plus, Envizio Pro, Smartrax, Quicktrax and Viper Pro

Boom Management Systems:

AccuBoom - boom section control

Autoboam - boom height control

Chemical Injection Systems:

Direct Injection & Sidekick

Application Control Systems:

440, 4400 and other Raven Consoles

Planter Control Systems:

Sharp Spray & Crop Start

AccurRow

Fluid Transfer Systems:

Flow Max



To contact the dealer nearest you, call
Raven Industries 1-800-243-5435 or
Raven Industries Canada 1-800-793-2155

www.ravenprecision.com