



HEADER CONTROL & ROW GUIDANCE FOR CORN

HEADSIGHTTM
HARVESTING SOLUTIONS

OUR PRODUCT VISION ENHANCES YOURS

Having a clear vision of what's ahead makes a difference in life and harvest. It allows you to plan, to make choices, and to take action. Our vision at Headsight is helping farmers increase their yield while making harvest easier. It is the driving force behind our product innovation, and it continues to be our single focus.

This commitment extends to our complete product line of header control and row guidance systems. Each one is engineered to reduce stress while restoring the joy of harvest. By not worrying about header position, you can focus on reaping the rewards.

HEADER HEIGHT CONTROL

No other system comes close

The value of header height control is its ability to accurately maintain header ground clearance—which is proven to consistently reduce losses. Headsight's systems greatly enhance the performance of harvesting equipment. This has earned them recognition as a leader in harvesting solutions.

Consider the following benefits:

- *Increases yield*
- *Provides automatic height and tilt control for corn headers*
- *Reduces downtime*
- *Installs easily*
- *Decreases fatigue*
- *Includes three-year sensor parts warranty*
- *Maximizes efficiency*
- *Allows all sensors to fully control height*

Headsight's patented design is recognized as the leading header height control solution.



HEADSIGHT® SENSORS

ARE LEADERS IN THEIR FIELD

Headsight® offers two sensor choices: the Patented Poly Arm Sensor and the Terrahawk®. The Poly Arm is flexible, allowing it to withstand the rigors of the field and extending sensor life. The down pressure spring helps to push through crop stubble and maintain ground contact at higher operating speeds.

The Terrahawk height sensor does not contact the ground. Instead, it uses radar to detect surface changes. As Headsight's most advanced sensor, it interfaces with the Horizon® controller, sees through crop material, and offers an increased height range.

PATENTED POLY ARM SENSOR



- **Down pressure spring** - for consistent ground contact
- **Reverse spring trip** - to protect your investment
- **Flexible poly arm** - to extend sensor life
- **Forward sensing** - for early warning
- **Hall effect sensor** - to eliminate wear
- **Oil-impregnated bushing** - to eliminate greasing
- **All stainless steel construction** - for corrosion resistance

TERRAHAWK®



- Most advanced header height control sensor
- Senses through dry crop material to find ground
- No moving parts - eliminates sensor wear
- Larger sensing area - for improved header stability
- Increased height range - higher operating heights without losing accuracy
- Non-contacting radar sensors - for maximum versatility

"Radar allows us to cut at a consistent height over terrain that would challenge combine operators without slowing down. Terrahawk is our key to efficiency and consistency." – SPH Farms | Colby, Kansas

HEADSIGHT® PROVIDES INCREASED CONTROL

Headsight® features controllers that provide superior header height performance. Horizon® offers expanded capabilities and integrates header functions with the in-cab interface, while Insight® is mounted to the back of the head. Both systems give control that surpasses OEM performance.

INSIGHT® CONTROLLER The Insight interface controller surpasses OEM and direct wire header height performance by adding features and advanced settings. The Insight controller increases the maximum number of analog height sensors to five and offers improved height control.



Insight Control Box

HORIZON® CONTROLLER Headsight's Horizon controller offers the most advanced header control and diagnostics at your fingertips. It uses the existing OEM VT display, enabling the operator to update settings, view diagnostic info, and perform calibrations without ever leaving the cab.

Horizon Controller



*"The Horizon kit made corn header height control simple and easy."
-Brian Loeffler | Janesville, Minnesota*

HORIZON®

FEATURES & SUPPORT

HORIZON® BENEFITS AND FEATURES

- **New automatic calibration with feedback**
- **PinPoint® diagnostics - continuously monitors sensor and wire health**
- **Foresight®**
- **Truesense+**
- **Header specific apps**



TECHLINK™ - UPDATE HORIZON® AND TRUESIGHT® 2 FROM YOUR MOBILE DEVICE

The Techlink™ app is the mobile counterpart to the Horizon® and Truesight® 2 controller. To provide the latest features and functionality, Techlink can download and install new controller software. It can also be used to send diagnostic log files to Headsight® Support for assistance with your product.

- **Works with iOS and Android devices**
- **Provides the latest features**
- **Updates easily while in the field**
- **Bypasses the need for computer or USB connections**
- **Retrieves and sends diagnostic logs**
- **Supplies more information for in-field diagnostics**



"I have a 16-row corn head with a 5-sensor Headsight system. It does a great job keeping all points on the ground. I was amazed 5 sensors could control 40 feet this well."

– Craig Doyle | Henry, Illinois

HORIZON® HEADER APPLICATIONS

Horizon® plays well with leading aftermarket header manufacturers like Capello, Drago, and Geringhoff. Headsight® has partnered with these companies to provide header-specific Horizon applications for the corn headers they produce. All of the custom apps allow in-cab monitoring of header functions from the combine VT.



"Headsight is the best header control system we have ever used."

– Don & Harv | Fort Saskatchewan, Alberta, Canada

HORIZON APPLICATION FOR CAPELLO, DRAGO, AND GERINGHOFF

- Header Hours – logs hours when header is engaged
- Deck Plate – displays deck plate spacing*
- Header Angle – displays header deck plate angle to aid proper head setup
- Control header fold function*
- Eliminates factory display**
- Maintenance Reminders – displays maintenance reminders for header
- Control header reel function**
- Shaft Speed – shows shaft speed and sets alarms for high/low speed warnings

* Capello and Geringhoff

** Geringhoff



FORESIGHT® FEATURE

Headsight® offers the added performance of Foresight®. This high-accuracy header control system magnifies the responsiveness of the header height control when the snout tips are on the ground.

FORESIGHT® -PRECISE RESPONSE FOR CORN HEADER CONTROL

At low operating heights where you need the best header control, you have the worst. Height control loses 50-75% of its responsiveness while the snout tips are touching the ground. Foresight magnifies the responsiveness of the header height control to improve performance when the snout tips are on the ground.

Foresight is a patented solution for precision header control that keeps snout tips running on the ground while harvesting.



Advantages include:

- *Improved header control near the ground*
- *Increased harvestable yield in down corn*
- *Added protection for chopping heads*
- *Faster harvest speeds*

Foresight detects when the snout tips touch the ground (by using a calibration point), and magnifies the sensitivity below that point, giving the same (or better) header control responsiveness with the tips on the ground than off the ground.

Foresight is standard with Horizon controllers, and is an upgrade option with Insight controllers.

"We can run closer to the ground faster. We increased speed 30-40% in down corn by adding Foresight® and we were very comfortable in doing that."

– Brad Dorcey | Moro, Illinois

HEADSIGHT® ROW GUIDANCE

TRUESIGHT® 2 This advanced row guidance system offers the best performance and flexibility. Its settings are engineered to allow the operator to optimize them for even the most challenging conditions.

TRUESENSE + This row guidance system uses a single crop sensor design with Horizon and OEM steering controls. It allows factory row guidance to be used with any corn head.

TRUESENSE This basic system uses a single crop sensor design with the Truesense module and OEM steering controls. It allows factory row guidance to be used with any corn head.

Headsight® row guidance systems provide advanced auto-steer control for corn harvesting. These high-accuracy controls guide the combine down the row, helping the operator stay on target to deliver greater yields. Headsight features a single sensor that feels two rows of stalks and communicates their position to the combine. Truesight 2, Truesense+, and Truesense can be installed on any combine with a supported steering valve or motor. See the list of systems available online: headsight.com/row-guidance-corn.

	Truesight® 2	Truesense+	Truesense
Durable hall effect sensor	X	X	X
Robust single-sensor design	X	X	X
Mounts on any header	X	X	X
Uses OEM steering algorithm		X	X
Uses advanced Headsight steering algorithm	X		
Requires OEM guidance unlock		X	X
In-cab diagnostics	X	X	
Compatible with Headsight mobile app to Techlink™ app	X		
VT interface	Optional	X	
Truesight® 2 remote display	Optional		
Works with aftermarket steering devices	X		
Tilt compensation	X		
Advanced settings	X		
Serves as Horizon bridge	Optional		
Supports two crop sensors	Optional	Optional	
Auto crop detect - allows swap to GPS guidance		X	

SENSOR FEATURES

- **Stainless steel sensor body**
- **Single sensor design - for better down corn performance**
- **Adjustable row width**
- **Reverse spring trip arms**
- **Oil-impregnated bushings**
- **Hall effect sensor - to eliminate moving parts**



"I had the opportunity to observe the Truesight in operation in various field conditions and row widths. Everyone who bought the system commented that Truesight would be on every machine they buy in the future."

– Adam | Rochelle, Illinois

TRUESIGHT® 2 ADVANCED ROW GUIDANCE SYSTEM

Truesight® 2 is the latest in Headsight's row guidance control systems. Its high-accuracy auto-steer technology keeps combines on target to achieve greater yields while reducing operator stress. It is not tied to GPS, therefore, it can be installed on nearly any combine once the steering valve or motor is installed. Truesight's easy operation and increased capabilities make it a sound choice for modern harvesting operations.

BENEFITS

- Allows operator to focus on other tasks
- Reduces operator fatigue, enabling longer harvesting hours
- Stays centered on row in poor visibility
- Increases yield by reducing header loss

FEATURES

- Provides the most advanced row guidance control
- Supplies direct control of valves or steering motor for maximum response
- Utilizes advanced settings to increase performance in the toughest conditions
- Includes tilt compensation for hillsides
- Allows easy Wi-Fi updates with Techlink™
- Features intuitive, easy operation

INTERFACES

Truesight® 2 systems can be calibrated and operated from the cab using either the VT or the remote.

Truesight remote – optional control/display



VT display option – allows the operator to interface directly from the combine's OEM VT display

TRUESENSE+ ROW GUIDANCE

Truesense+ uses Headsight's single crop sensor design—along with the Horizon VT interface and OEM steering controls. It works with OEM and aftermarket headers.

SYSTEMS AVAILABLE Truesense+ unlocks Horizon's software to integrate the single crop sensor design with factory row guidance systems including:

- *John Deere RowSense - requires the RowSense unlock from John Deere*
- *Lexion AutoPilot*

FEATURES

- *Uses virtual terminal interface*
- *Features simple calibration*
- *Provides more in-cab control*
- *Includes auto-crop-detect*
- *Uses factory controls*
- *Adds benefits of the Truesight® sensor*



TRUESENSE ROW GUIDANCE

Truesense row guidance utilizes Headsight's single crop sensor design with the Truesense module and OEM steering controls. This system works on OEM and aftermarket headers.

SYSTEMS AVAILABLE The Truesense module integrates Headsight's single crop sensor design with factory row guidance systems including:

- *John Deere RowSense - requires the RowSense unlock from John Deere*
- *Lexion AutoPilot*

FEATURES

- *Utilizes single crop sensor design*
- *Allows factory row guidance to be used with off-brand heads*
- *Adds performance in down and goose necked corn*
- *Reduces fatigue*
- *Increases yield*



Truesense

Truesense allows factory row guidance to be used with off-brand heads.



"Truesense takes a lot of stress out of harvest. It allows you to concentrate on other parts of the harvest and combine performance."

- Russell | Hamilton, Michigan

THE HEADSIGHT[®] STORY

By focusing on the farmer's needs, pushing innovation, and never letting "can't" have the final say, Headsight[®] is committed to providing the hard-working men and women who put the food on our tables with the best harvesting solutions in the world.

The Headsight product line reflects this devotion. It includes Truesight 2, Headsight height control, and various solution kits for corn and grain. These tools allow unparalleled accuracy in harvesting control.

We invite you to experience the difference.



Rich Gramm, President

He told them, "The harvest is plentiful, but the workers are few. Ask the Lord of the harvest, therefore, to send out workers into his harvest field." Luke 10:2



P 574.546.5022 • F 574.546.5760
4845 3B Road • Bremen, IN 46506
info@headsight.com
headsight.com

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