



# HEADER CONTROL

FOR **GRAIN**

# 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 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 means greater protection for your header, increased accuracy, reliability, and ease of use.

Consider the following benefits:

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



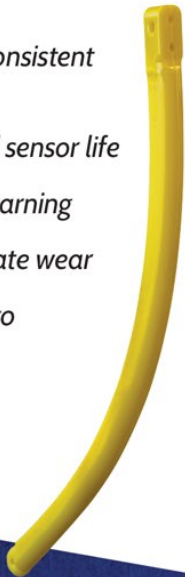
# HEADSIGHT® SENSORS ARE LEADERS IN THEIR FIELD

Headsight® offers two sensor choices: the patented Flexible Poly Arm and the Terrahawk®. The Poly Arm flexes to withstand the rigors of the field while extending sensor life. The down pressure spring helps to push through crop stubble and maintain ground contact, even at higher operating speeds.

The Terrahawk 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
- **Flexible poly arm** - to extend sensor life
- **Forward sensing** - for early warning
- **Hall effect sensor** - to eliminate wear
- **Oil-impregnated bushing** - to eliminate greasing



## TERRAHAWK® RADAR HEIGHT SENSOR



- 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

## SENSOR STYLES

### STANDARD

The versatile Standard sensor design mounts just behind the cutterbar for flex and draper heads.



### LOW PROFILE

The compact Low Profile sensor mounts directly under the cutterbar, using the existing cutterbar guard bolts.

### TERRACE

The narrow profile of the Terrace sensor allows it to mount in the front of the header on the crop dividers, giving the combine an even earlier warning of changes in ground conditions.



"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® controllers 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 control 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. Additional precision performance controls, such as Feathersight®, are optional features available with Insight.



Insight Controller

**HORIZON® CONTROLLER** Headsight's Horizon controller offers the most advanced header control and diagnostics at your fingertips. It uses an OEM or aftermarket Virtual Terminal display, enabling the operator to update settings, view system status, and perform calibrations without ever leaving the cab.

The PinPoint® diagnostic system continuously monitors wiring and sensors, identifies problems, and helps with troubleshooting. Also, Horizon offers the ability to support up to seven sensors, and provides the Feathersight system for increased performance.



Horizon Controller

*"We purchased the Headsight control system because we wanted to increase harvest time while not damaging the header. The system installed easily and we are very pleased with the results."*

*- Mike Carfoot | Swift Current, Saskatchewan - Shelbourne header*

# HORIZON®

## FEATURES & SUPPORT

### USER INTERFACE

- **In-cab** | Easier to access
- **Uses OEM or aftermarket VT display** | Requires no additional monitors in the cab
- **ISO-compatible** | Uses world-wide standard technology; Displays on Virtual Terminal
- **Easier updates** | USB port and Techlink™
- **Faster processor** | Allows quicker response
- **More accurate calibrations** | Ensures more repeatable performance

### ADVANCED PINPOINT® DIAGNOSTIC FEATURES

- **Continuously monitors sensor and wiring health** | Gives early alert to potential problems
- **Displays wire number associated with each signal** | Speeds troubleshooting

### MORE STANDARD SOFTWARE AND OPTIONAL FEATURES

- **Feathersight®** | Precision control near the ground where you need it the most
- **Header-specific applications** | Headsight has partnered with leading aftermarket header companies to provide in-cab monitoring and control of header functions. Applications are customized for the needs of each header make.



Virtual Terminal Interface

*"We were very happy with the added lateral tilt performance, when opening fields, going through steep coulees and cutting out waterways."*

*– Wheat Montana Farms | Missoula, Montana*

# HORIZON<sup>®</sup> HEADER

## APPLICATION & SUPPORT

### HORIZON APPLICATION FOR SHELBOURNE

Headsight has partnered with leading aftermarket header companies like Shelbourne to provide custom, header-specific Horizon apps for grain headers, allowing in-cab monitoring and improved control of header functions.

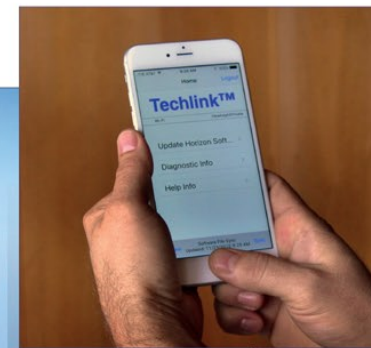
- **Control Header Rotor Speed** - eliminates need for factory display
- **Rotor & Auger Speed** - displays speed and sets alarms for speed warnings
- **Maintenance Reminders** - displays maintenance reminders for header
- **Header Hours** - logs hours when header is engaged



### TECHLINK™ - UPDATE HORIZON<sup>®</sup> FROM YOUR MOBILE DEVICE

The Headsight - Techlink app is a counterpart to the Horizon controller. It is used to download and install new controller software—allowing you to have the latest features and functionality. The Techlink app may also be used to send diagnostic log files to the Headsight support team if you need 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



# FEATHERSIGHT®

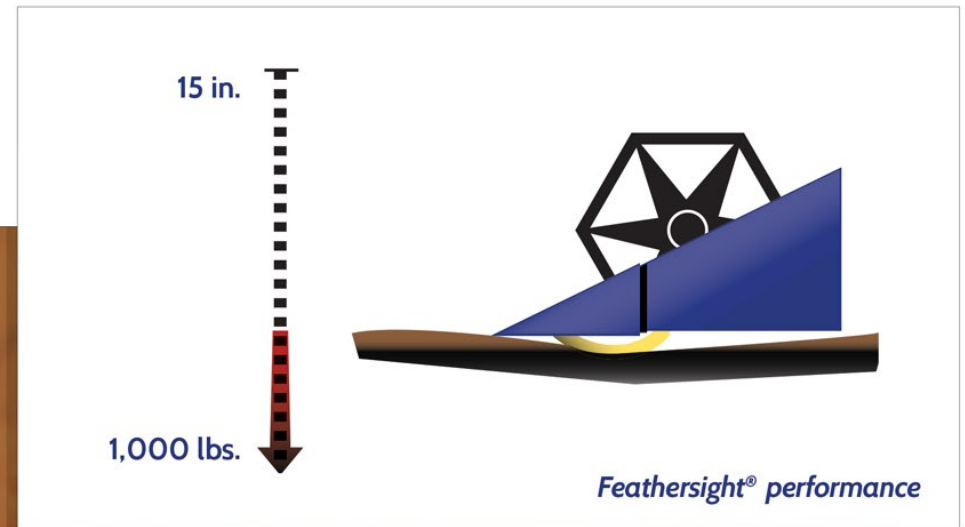
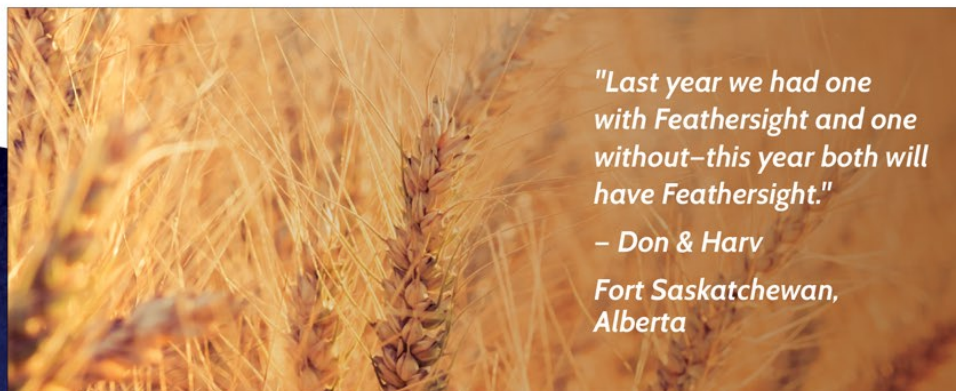
## PRECISION PERFORMANCE

Feathersight® combines the operating range of the height sensors with the operating range of float mode to give seamless control through the whole range, from high in the air to pressure on the ground. This includes the ability to feather the header lightly on the terrain. This added flexibility maximizes yield by enabling header optimization for the crop conditions of the area being harvested.

- *Permits the operator to run on the ground, and up to fifteen inches above ground*
- *Maximizes yield when harvesting lodged crop, peas, lentils, and down wheat*
- *Adds efficiency when harvesting standing grain with the need to drop to the ground for patches of down crop*

Feathersight uses the Insight or Horizon control box to read both the header height sensors and the feederhouse lift cylinder pressure to control the header and float it on the ground.

The Feathersight feature is standard on all Headsight Horizon grain systems and optional on Insight grain systems. The kit includes all required harnessing and a lift pressure sensor for combines that are not factory equipped.



# THE HEADSIGHT<sup>®</sup> STORY

By focusing on the farmer's needs, pushing innovation, and never letting "can't" have the final say, Headsight<sup>®</sup> 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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