Your Complete
Harvest Data Solution

UHARVEST™
by Unverferth

"Building the Future of Farming Around *U*."

new FOR **2014!**

The UHarvest™ System is available for your cart!

UHarvest *Your Complete Harvest Data Solution*

Grain carts equipped with scale systems have been the traditional way to accumulate harvest data. The Unverferth UHarvest™ data management system powered by Raven steps up to the next level by combining the reliability and accuracy of grain cart scales with state-of-the-art touch-pad usability and software that allows you to easily track and analyze as much harvest data as you want.

First-ever *ISOBUS or tablet operation*

UHarvest system base features

- **Complete Touch-Screen Operation —** Easy-to-use operation from your tractor's ISOBUS virtual terminal screen or touch-screen tablet, or both

- **Accu-Save Data Recording —** Automatically records data for each load

- **Grower, Farm, Field Information —** Log your harvest by grower, farm and field for detailed reporting

- **Truck And Destination Site Identification —** Easily log bushels by trucks and destinations

- **Combine Verify —** Easily use grain cart to assist in calibrating the combine yield monitor with one touch

- **Hitch Weight Management —** Monitor load distribution during cart loading

- **USB Data Management —** Easily copy UHarvest data for use in home computer

- **Multiple User Access —** Full data access available to multiple users within 400 feet of UHarvest processor

- **UHarvest Cloud Solution Powered By Slingshot® —** Slingshot is a secure, web-based data management system that enables you to save and see your harvest data from anywhere

UHarvest system optional features

- **Moisture Sense Technology —** Convert grain weight to dry bushels for precise harvest record keeping

- **Accu-Load Technology —** Automatic grain cart unloading and shutoff at desired off-load weight

How It **Works**

The patent-pending UHarvest system quickly and conveniently connects to your tractor's ISOBUS display or tablet, or both. Then, enter your data for the crop and field you want to collect and you're ready to harvest.
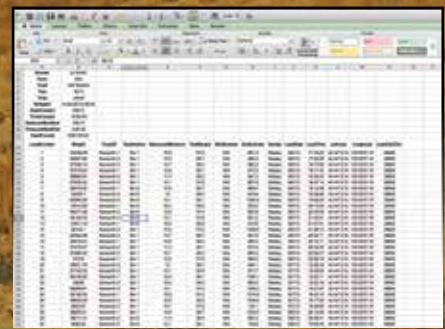
The UHarvest system automatically records each load with user-specified information such as crop, farm, truck or destination so you can focus on unloading. The harvest data can then be quickly downloaded to a USB device or a Raven Slingshot® account for analysis or sharing with your crop advisor or insurance adjuster.

All harvest data logged in grower, farm and field formatting

Accu-Save automatically records data for each load and monitors load distribution

Data obtained can be easily transfered to spreadsheet format for additional analysis

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UHarvest
Data Management Features

Data capture

Track every bushel harvested by crop variety, truck and destination, all on the same screen for the most accurate and complete harvest record keeping possible.

Hitch-weight monitoring

Maintain optimum tractor and cart control by keeping the grain load evenly distributed. This patent-pending feature not only monitors grain and total cart weight, it also shows real-time hitch weight and a color gauge to avoid overloading the hitch during loading.

Combine yield monitor verification

Use the Scale Report screen to easily calibrate the combine yield monitor.

Multi-User Access

UHarvest data is immediately visible not only to the tractor/grain cart operator, but this patent-pending technology allows multiple users to review the information through the password-protected Wi-Fi connection from their tablet or mobile phone up to 400 feet from the UHarvest processor.

400'

400'

Accu-Load

The patent-pending Accu-Load technology provides quick and easy loading of trucks by closing the grain cart's flow gate when the desired weight of grain is unloaded. After you've installed the HCU (hydraulic control unit) to the cart, you need only to push the "Auto" button for precise weight unloading. The truck identification can also include the maximum weight for even easier operation. The operator can then focus on topping off each truck section and proper grain placement.

UHarvest Moisture Sense technology

Want to know exactly how many dry bushels of grain were harvested and sent to the bins? Better yet, want to easily send a report to your crop insurance agent that includes the actual dry bushel count? Mark it done with the optional Moisture Sense system. Moisture Sense measures grain moisture as it leaves the cart and averages the content of each load and then converts all grain unloaded to standard weight for the ultimate in field harvest record keeping.

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UHarvest — *Your Complete Harvest Data Solution*

With the Unverferth UHarvest data system , powered by Raven Slingshot, you can manage all your harvest data easily and conveniently from a variety of devices — laptop, tablet or smartphone — from a variety of places — office, field, home, pickup or tractor cab. If you're connected, you're in control!

UHarvest system provides accessibility to all your harvest data through:

- **UHarvest processor internal memory (512 MB) —** every bushel moved through the UHarvest system is automatically stored in the processor; the large internal memory has the capacity to hold years of harvest data

- **Standard USB data retrieval —** Plug a USB drive into the UHarvest processor and easily save the data to the USB drive

When ready, remove the USB drive from the UHarvest processor and plug it into your home computer. The information can then be imported into a spreadsheet program or uploaded to your Slingshot account.

UHarvest
Data Storage
Powered by Slingshot®

Slingshot

Maximize the benefit of the data captured by the UHarvest system by using Slingshot cloud-computing technology to access the data anytime, anywhere, from any device. Slingshot is a secure, first-of-its kind web-based system that lets you store and control your harvesting data. Using a tablet with a data plan from the grain cart tractor, you can upload information from the field with a simple screen touch.

Open a Slingshot account with a few simple clicks and you're ready to go. And, the built-in reporting features provide field totals, cart totals and harvest totals. If you have an Internet connection, you can securely and efficiently send yield reports to a landlord, farm manager, agronomic advisor, crop insurance agent or anyone you want to share the reports with.

Flexible and Convenient.
All Your Harvest Data On Any Device, From Any Location!

System *Specifics*

UHarvest™ is available for any scale-equipped grain cart. The UHarvest scale system works with any iOS, Windows® or Android tablet with the latest software version. The user must maintain current tablet and UHarvest software for optimum performance.

When adding the UHarvest system to a Brent® Avalanche® cart, you'll be able to take advantage of the following added patent-pending features:

- **Spout centering —** automatically puts spout in a parked position to enable you to quickly fold the auger into transport position

- **Auger-fold lockout —** prevents inadvertent folding of the auger during unloading to minimize potential grain loss

The patent-pending UHarvest system features a plug-and-play industrial-grade processor and built-in Wi-Fi signal. The patent-pending ECU conveniently mounts to the grain cart and easily connects to the scale cables and the tractor's ISOBUS system.

UHarvest also operates on ISOBUS tractor terminals produced in the last decade. See your local tractor OEM dealer for questions on ISOBUS virtual terminal functionality outside of UHarvest software.

- **Tablet: Android, Windows or iOS —** plug your tablet into the UHarvest processor in the tractor and then connect to the UHarvest Wi-Fi signal. Once connected, the tablet's Internet browser will launch, prompting the download of the UHarvest app and grain cart setup.

- **Tractor ISOBUS connection —** The UHarvest computer processor connects directly to the ISOBUS system through the tractor's ISOBUS connection. The ISOBUS system recognizes the UHarvest computer and the terminal's setup menu screen displays a "grain cart" icon. The main setup screen then prompts the user to enter the information about the grain cart. The UHarvest system is then calibrated and ready to go to work!

UHARVEST™   *Powered By*   **RAVEN**

See your nearest UHarvest system dealer today for complete details of the UHarvest scale system, visit **unverferth.com** *or call 1-800-322-6301.*

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