

U HARVEST[®]

by Unverferth



TAKE IT TO THE BANK

Your Complete Harvest Data Solution



The UHarvest[®] System is available for your cart!

UHarvest *Your Complete Harvest Data Solution*

The Unverferth UHarvest® data management system powered by Raven combines the reliability and accuracy of grain cart scales with state-of-the-art touch-pad usability and reporting that allows you to easily track and analyze your harvest data.



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 and Crop Information** — Log your harvest by grower, farm and field for detailed reporting
- **Truck Destination and Variety Identification** — Easily log bushels by truck destinations or even crop variety
- **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 for greater cart control
- **USB Data Management** — Easily copy UHarvest data for use in a home computer
- **Multiple User Access** — Full password-protected 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 log in, save and see your harvest data from anywhere

First-ever ISOBUS or tablet operation

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 the grain cart scale load cells using a reliable ISO cable into your tractor's ISOBUS connection. Then, enter your data on your ISOBUS display, tablet or both, 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 transferred to Slingshot for quick reports

UHarvest

Data Management Features



AccuSave

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 management

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 with one touch.

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 a password-protected Wi-Fi connection from their tablet or mobile phone up to 400 feet from the processor.



UHarvest Options



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 is unloaded. After you've installed the HCU (hydraulic control unit) on the cart, you need only push the "Auto" button for precise weight unloading. Each truck weight is matched to the truck name for easier operation. The operator can then focus on topping off each truck section and proper grain placement.



Line#	Weight (lbs)	Truck ID	Destination	Moisture	Seed Weight (lbs)	Ball No.	Dry No.	Variety	Time
15	47,800	Schaperclaus	Grain Bin	18%	56	888	888	DWCR0-42	12:00 AM
14	47,800	Tom	Grain Bin	18%	56	888	888	DWCR0-42	12:00 AM
13	47,800	Bob	Grain Bin	18%	56	888	888	DWCR0-42	12:00 AM
12	47,800	Tom	Grain Bin	18%	56	888	888	DWCR0-42	12:00 AM
11	47,800	Bob	Grain Bin	18%	56	888	888	DWCR0-42	12:00 AM

Field Weight (lbs): 1,375,573 Average Moisture %: 18 Field Dry Bushels: 34,567

UHarvest Moisture Sense technology

Want to easily send a report to your crop insurance agent that includes the actual dry bushel count? Consider 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.

UHarvest — *Your Complete Harvest Data Solution*

It's all about the data, data you can take to the bank after harvest! And, the good news is the Unverferth UHarvest system connects with the Raven Slingshot online data engine to save, store and send your complete harvest reports in just a few clicks!

UHarvest system provides accessibility to all your harvest data through:

- **UHarvest processor internal memory (2 GB)** — 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, and in the event you misplace or damage your tablet you still have your information!
- **Standard USB data retrieval** — Plug a USB drive into the UHarvest processor and easily copy the data to your home computer.

UHarvest
Data Storage
Powered by
Slingshot®



Office



Meetings



Slingshot

Slingshot is a secure, first-of-its kind web-based system that lets you send, store and share your harvesting data. Using the free UHarvest app from the app store, you can easily send files from the field with your phone or tablet with data plan.

- Secure login and complete control of data
- Account access from any computer with Internet connection
- Harvest reports in a few clicks
- Merged reports
- Map data from tablet GPS signals
- Dry bushel count with moisture readings (Requires optional moisture sensor)
- Easily send a PDF file to your crop insurance agent or any trusted business partner



Visit ravenslingshot.com to get your free account.

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

Mobile

Combine

System Specifics

UHarvest® is available for any scale-equipped grain cart. The UHarvest data management system works with virtually any tablet with the latest software version. The user must maintain current tablet and UHarvest software for optimum performance.

The patent-pending UHarvest system features a plug-and-play industrial-grade processor with built-in Wi-Fi and Bluetooth 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 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 UHarvest processor in the tractor and then connect your tablet 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 processor connects directly to the tractor's ISOBUS system. The terminal's setup screen displays a "grain cart" icon. The main setup screen then prompts the user to enter the information about the grain cart and the UHarvest system is then configured and ready to go to work!

See your nearest UHarvest system dealer today for complete details or visit uharvest.net or call 1-800-322-6301.

UHARVEST®

Powered By

RAVEN



Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice.

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