

**Unverferth**® Grain Handling

*Dual-auger grain carts*



# **Dual-Auger Harvesting Power**



**Models 1610, 1310, 1110**

## Dual-Auger *Harvesting Power*

**The best part about owning an Unverferth 1610, 1310 or 1110 grain cart is not only increasing your harvest efficiency by 30%, but also the dual-auger unloading power that transfers 1,100 bushels in 90 seconds or less and gets you quickly back to the combine for an even more efficient harvest.**

- The belt drive has two 4-strand belts and dual spring-loaded tensioners for easy maintenance
  - Features easy floor-auger disengagement for independent operation of the vertical auger
  - For in-field transport, the upper portion of the unloading auger rests on the handy flip-up stand for a quick return to the working position
  - For safer road transport and space-efficient storage, the stand flips down and the upper auger is fully lowered to fit snugly against the fixed, lower tube; the result is a convenient, narrow transport width
- A low loading-side height enhances on-the-go grain-loading efficiency
  - The rugged drivetrain design combines a belt drive for the 20" floor auger and a heavy-duty, direct-drive gearbox for the 22" vertical auger
  - The steep floor slopes and recessed floor auger provide fast, clean unloading
  - High-tensile steel spindles with a 50-ton rating easily carry loads greater than carts equipped with larger-diameter mild-steel spindles
  - A pivoting hanger keeps hydraulic hoses off the ground for extended life; the color-coded and labeled hoses make hookup quick and easy



*In-field transport*



*Road transport*

- DOT-approved high-intensity LED taillight package, reflective striping and transport safety chain meet all requirements for transport safety
- The hydraulically controlled, directional downspout allows for a 90° vertical drop to 127° outward angle for more precise grain-flow placement by directing grain away from the side-walls to the center of the truck bed or semi-trailer without repositioning the cart
- Nighttime unloading is easy with high-intensity halogen lights; two auger-mounted and one inside of the grain tank automatically turn on when raising the auger to the unloading position





*Floor-auger access gate*



*Roll-over Weatherguard tarp*

- The easy-to-operate clasps on the floor-auger access gates and the easy-opening unloading auger's access door allow for complete cart cleanout
- A Weatherguard rollover tarp package with semi-trailer design and 18-oz. canvas protection is standard. Bows are trussed and reinforced to prevent sagging and the tarp locks into position. Electrical operation of the tarp is optional.



# Unverferth® Dual-auger grain carts

## Options

### UHarvest data system

The UHarvest™ data system, powered by Raven, takes weighing systems 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 analyze as much harvest data as you want.

### UHarvest system features:

- Complete touch-screen operation
- Grower, farm, field information
- Truck, destination and crop variety
- Calibrate combine yield monitor
- Hitch weight management
- USB data management
- Multiple user access
- UHarvest Cloud Solution powered by Slingshot® to save, send and report on your harvest data from anywhere



### Undercarriage

- Walking-tandem duals trail easily through the field and feature independent operation from the front to rear for smoother maneuverability over rough terrain; wheels can be adjusted to match 30" or 36" row spacings
- A tracked undercarriage features hydraulic tensioning with steel end-wheels, pivoting cast bogie wheels and a 36" - wide belt for optimum maneuverability and less compaction
- Single, high-flotation wheels for reduced compaction
- Auto-Greaser for automatic grease application at more frequent intervals for consistent, optimum lubrication on track undercarriages



### Camera package

- Camera package to monitor auger unloading from the tractor cab with an available second rear-mounted camera for safer backing of unit and road travel



### Scale solutions

- The model 410 scale package is specifically designed for ease of use and maximum productivity. The data can be sent to an optional attached printer or DataDownloader (DDL)
- The model 520 scale package's large, multi-line display provides automatic load logging and detailed management options such as downloading field information from your computer to the scale for easily recording field data; includes USB drive and software. Available with Auto-Unload feature for automatic shutoff at desired truck weight



## Specifications

| Model  | 1610   | 1310  | 1110  |
|--|--|---|---|
| Capacity (bushels)   | 1,600  | 1,300   | 1,100   |
| Undercarriage  | Tracks   | Single<br>76/50x32                            | Single<br>1050/50x32                          |
| Appx. Empty Weight (lbs.)                                  | 28,935   | 18,475  | 15,550  |
| Appx. Empty Weight — 520/85x42 walking tandem duals (lbs.) | —  | 22,207  | 21,680  |
| Construction   | 12-gauge steel shell; tubular steel mainframe                        | 12-gauge steel shell; tubular steel mainframe | 12-gauge steel shell; tubular steel mainframe |
| Unloading Speed (bu/min)                                   | 840  | 840   | 840   |
| Overall Length   | 34' 2"   | 30' 10"                                       | 30' 10"                                       |
| Transport Height   | 12' 9"   | 12' 8"  | 12' 2"  |
| Loading-Side Height  | 11' 5"   | 11' 4"  | 10' 10"                                       |
| Auger Unloading Height                                     | 15' 5"   | 14' 4"  | 14' 4"  |
| Auger Reach  | 8' 10"   | 7'  | 7'  |
| Lift-Auger Tube Diameter                                   | 22"  | 22"   | 22"   |
| Floor-Auger Tube Diameter                                  | 20"  | 20"   | 20"   |
| Flighting  | 1/2"-Thick Edge in high-wear areas; remainder 3/8" leaned Thick Edge |   |   |
| Spindle Diameter   | —  | 5 1/2" Singles,<br>3 3/4" Duals               | 4 1/2" Singles,<br>3 3/4" Duals               |
| Appx. Empty Tongue Weight (lbs.)                           | 3,800  | 3,550   | 3,380   |
| Appx. Loaded Tongue Weight (lbs.)                          | 5,500  | 5,375   | 5,200   |
| Electrical   | 7-pin mesh wrapped connector   | 7-pin mesh wrapped connector                  | 7-pin mesh wrapped connector                  |
| Min. Tractor H.P. Requirements                             | 300+   | 250   | 225   |

### Track System Specifications\*

| Model                               | 1610   | 1310   | 1110    |
|-------------------------------------|--------|--------|---------|
| Overall Width                       | 12' 2" | 12' 2" | 12' 2"  |
| Loaded P.S.I.                       | 15.00  | 13.29  | 12.66   |
| Bogie Wheels                        | 16     | 16     | 8       |
| Belt Length                         | 12' 4" | 12' 4" | 10' 10" |
| Ground Contact Length               | 105"   | 105"   | 90"     |
| Ground Contact Area (square inches) | 3,780  | 3,780  | 3,240   |
| Appx. Weight (lbs.)                 | 28,935 | 25,295 | 22,915  |

\*Loaded P.S.I. calculated at 3" soil penetration depth

### Tires, Overall Width and Loaded (P.S.I.)\*

| Model           | 1610 | 1310           | 1110           |
|-----------------|------|----------------|----------------|
| 520/85x38 duals | —    | —              | 12' 2" (19.8)  |
| 520/85x42 duals | —    | 12' 2" (24.06) | 12' 2" (18.78) |
| 650/65x42 duals | —    | 13' 5" (22.34) | 13' 5" (17.06) |
| 76-50x32        | —    | 14' 2" (22.01) | 14' 2" (17.86) |
| 1050/50x32      | —    | —              | 13' 4" (21.28) |

\*Loaded P.S.I. calculated at 3" soil penetration depth

**See your nearest Unverferth dealer today for complete details about the model 1610, 1310 and 1110 dual-auger grain carts, check our website at [www.umequip.com](http://www.umequip.com) or call 1-800-322-6301.**

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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Please remind all family members and others to use caution and follow recommended safety practices when around all farm equipment. Unverferth Manufacturing Co., Inc., supports the efforts of Farm Safety 4 Just Kids and all other organizations that promote farm safety.

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