

Unverferth® Grain Handling

Dual-Auger Front-Folding Grain Carts



Dual-Auger Unloading Power For Your Biggest Yields!



Modular Models 2070, 1138

Dual-Auger Unloading Power For Your Biggest Yields!

The best part about owning an Unverferth grain cart is you can unload your combine on the go and increase harvest efficiency by 30 percent. The best part about owning an Unverferth model 2070 or 1138 grain cart is the dual-auger unloading power that transfers grain in a flash, gets you back to the combine faster than ever and keeps your harvest moving full-speed ahead!

Both augers run full of grain for gentler handling and maximum unloading efficiency. The model 2070 unloads at speeds up to 35m³ (1000 bushels) per minute; model 1138 at 14.1m³ (400 bushels) per minute.

Augers

- Front-folding vertical unloading auger provides a longer auger design for greater height, reach and narrow transport width
- Rubber rest pads help the auger ride safely and securely during transport
- Hydraulically operated flow gate for horizontal auger with easy-to-read position indicator

Construction

- True oscillating single-tang hitch is available for smoother towing; clevis optional on 1138
- Low-profile tank design for easier filling with any combine, and a narrow transport width
- Low center of gravity for greater in-field stability
- High-tensile 11,43 cm (4-1/2") steel spindles for long life
- Axle stiffener provides increased stability in soft field conditions
- Steep-sloped sides for fast and complete unloading
- Dual front-viewing and rear windows for safer and easier monitoring of cart contents
- Cleanout doors along horizontal floor auger for easy cleaning between crops or at season end
- Vertical auger features sliding gate for easy cleanout
- Choice of red or green high-quality finish to resist corrosion with all seams silicone sealed for enhanced finish
- Additional features include transport chain and transport marker lights for safer operation – standard on 2070, optional on 1138



Upper portion of vertical unloading auger on both models rests on handy stand for quick return to the working position



Steep slopes for complete cleanout



Low-profile tank design for easy filling



4,45 cm (1¾") thick drive dog

Model 1138

Augers

- Computer-balanced 7,94 mm (5/16") flighting provides long life and smooth operation
- Hinged horizontal auger gate with sliding vertical auger gate for easy cleanout
- Vertical auger alignment anchored by 4,45 cm (1-3/4") thick drive dog with top-mounted, spring-loaded bearing for smooth and complete engagement
- Two hydraulic remotes — one for raising/lowering auger, one for flow gate
- Optional directional two-way downspout directs grain straight down or outward for precise positioning

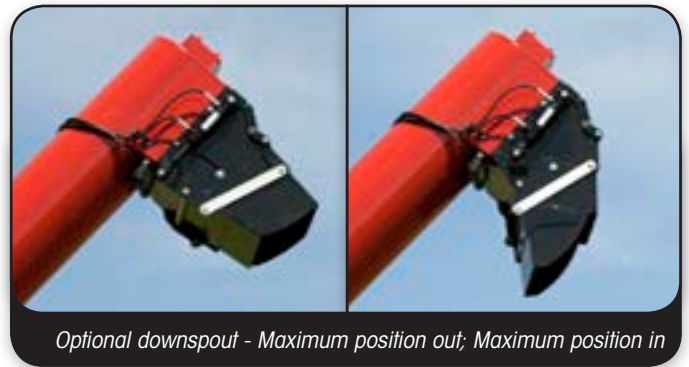


Construction

- Heavy-duty chain drive with double ISO 16B (#80) chain, tapered sprockets and spring tensioner for great reliability
- See-through chain oiler allows for easy maintenance
- P.T.O. features shear-bolt protection with extra shear bolts stored along the tongue; optional 3,29 mm (1-3/4") 20-spline friction clutch

Undercarriage choices

- Single 900 or 1050 x 32 R-1W wheels and tires
- .91 m x 2,84 m (36" x 112") auto-tensioning track
- .91 m x 3,33 m (36" x 131") hydraulic-tensioning track



Optional downspout - Maximum position out; Maximum position in



Easy-to-read grain-flow indicator



Hinged doors for quick and easy floor auger cleanout



Double ISO 16B (#80) roller chain for maximum life

Model 2070

Augers

- Pivoting auger with 1.52 m (5') of height adjustability and directional downspout with in/out movement for precise grain placement and maximum unloading ease
- Computer balanced 11,1 mm (7/16") thick flighting provides added life and durability
- Lower and upper vertical auger flighting is synchronized for added unloading speed and gentler grain handling
- Patented auger connection ensures smooth engagement of the upper and lower auger sections



Construction

- Exclusive drivetrain design combines a belt drive for the 51 cm (20") horizontal auger and a heavy-duty direct-drive, 90-degree gearbox for the vertical auger
- Dual-strand belt-drive features dual spring-loaded tensioners for long life and easy maintenance
- P.T.O. features quick-couple, 1000 rpm with overrunning clutch to protect driveline components
- Rubber-cushioned tongue smoothes the ride over rough terrain and reduces drawbar stress
- Weatherguard roll tarp standard for protecting contents
- Standard Model 520 scale kit for easily monitoring the cart's payload

Undercarriage choices

- Auto-trailing steerable tandem wheels and tires maximize ground contact; hydraulic override makes backing into tight areas easy
- Patented Equalizer® tracks are independently cambered to follow ground contours and optimum flotation



Hinged horizontal cleanout door with single-point opening features over-center locking for quick and easy cleanout



Rubber-cushioned between tongue and chassis ensures smooth ride over the roughest terrain



Equalizer® tracks for optimum flotation



Heavy-duty belt drive on model 2070

Additional Features

- **Model 410 Scale Package – optional for 1138**
 - Scale display specifically designed for ease of use with the patent-pending start/stop button
 - Assign, view and change six-character field information and accumulate weights within a field
 - Optional printer required for record keeping
- **Model 520 Scale Package standard for model 2070; optional for model 1138**
 - Auto-log data and a patent-pending start/stop button for ease of use
 - Large, multi-line display features an alpha-numeric keyboard for easily editing or changing fields
 - Combine check button helps calibrate the combine's yield monitor
 - Accumulates weights-per-field entries and stores one year's worth of harvest data in the monitor's memory
 - Includes PC software and a 1 GB USB flash drive for easily downloading harvest information to your computer in Excel or PDF format
 - Optional auto-unload technology will unload a pre-determined amount of grain and automatically close the flow gate
- **Model 560 Scale Package is optional for either model 2070 or model 1138 and, in addition to model 520 Scale Package, features wireless operation, GPS positioning, moisture sensor and data upload capabilities**
- **Lighting package with red and amber taillights and auger-spout light for safer road travel standard on 2070; optional for model 1138**
- **Optional hydraulic-actuated brakes for wheeled versions of both models**
- **Camera packages for easily monitoring unloading process and/or traffic behind the cart**
- **Weatherguard rollover tarp with 610.3 g/m² (18 oz.) fabric protects grain; standard on 2070, optional on 1138**
 - Electric operation of roll tarp is optional on model 2070



Model 1138



Model 520 scale package



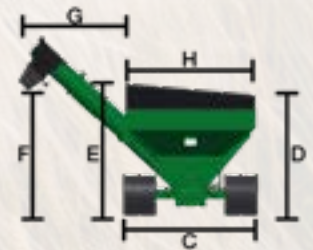
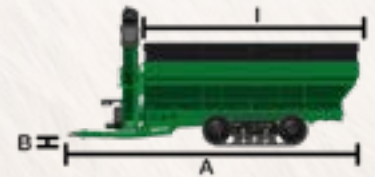
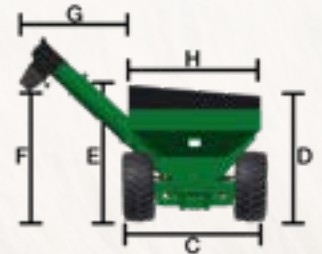
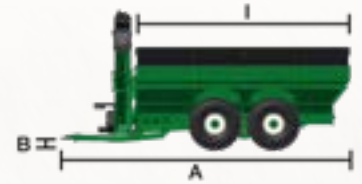
Optional hydraulic-actuated brakes



Weatherguard rollover tarp

Specifications

| Model Number | 2070 - Metric | 2070 - U.S. | 1138-Metric | 1138 - U.S. |
|--|----------------------------|--|------------------|----------------------------|
| Capacity* Bushels | 70 m3 | 2000 bu. | 38 m3 | 1100 bu. |
| Undercarriage/Tire Size | Steerable Tandem 900/60x38 | | 900/70x32 single | |
| Unloading Time | 29.6 M3 /min | 840 bu/min | 14.1 m3 / min | 400 bu/min |
| Auger Tube Size - Lift | 61 cm | 24" | 41 cm | 16" |
| Horizontal | 51 cm | 20" | 36 cm | 14" |
| Flighting Type | 11,1 mm | 7/16" Thick Edge Extended Wear Flighting | 7,94 mm | 5/16" |
| Hitch Type | Single-Tang - Cat 5 | | Single-tang | |
| Spindle Diameter | 11,43 cm | Steerable (4) 4 1/2" | 11,43 cm | 4 1/2" |
| Track Pivot Pin | 17,78 cm | 7" | 17,78 cm | 7" |
| Hydraulic Remotes Required | 4 | 4 - track, 5 steerable tandems | 2 | 2 |
| Approximate Weight Empty | 15,605 kg | 34,400 lbs. | 6,720 kg | 14,800 lbs. |
| Approximate Track Unit Weight Empty | 16,620 kg | 36,640 lbs. | 9,435 kg | 20,800 lbs |
| Approximate Empty Tongue Weight | 1,815 kg | 4,000 lbs. | 1,633 kg | 3600 lbs. |
| Approximate Loaded Tongue Weight | 2,722 kg | 6,000 lbs. | 2,041 kg | 4500 lbs. |
| (A) Overall Length | 11,56 m | 37'10" | 8,64 m | 28'4" |
| (B) Hitch Height | 4,56- 5,33 cm | Adjustable 1'6" or 1'9" | 4,56- 5,33 cm | Adjustable 1'6" or 1'9" |
| (C) Overall Width | 4,24 m | 13'11" | 4,06 m | 12' |
| (C) Width with 1050/50x32 Tires | — | — | 4,42 m | 14'6" |
| (D) Load Side Height | 3,5 m | 11'6" | 3,23 m | 10'7" |
| (E) Overall Height | 3,8 m | 12'6" | 3,48 m | 11'5" |
| (F) Auger Unloading Height | 3,33 m - 5,03 m | 10'11" to 16'6" | 4,32 m | 14'2" |
| (G) Auger Unloading Reach | 2,72 m | Up to 8'11" | 2,08 m | 6'10" |
| (H) Tank Width | 4,22 m | 13'10" | 3,66 m | 12' |
| (I) Tank Length | 8,84 m | 29' | 6,12 m | 20'1" |
| (J) Track Length | 3,76 m | 148" | 2,84 m | 112" |
| Track Contact Length | 2,67 m | 105" | 2,41 m | 95" |



Go to www.umequip.com or see your nearest Unverferth dealer today for complete details about the Unverferth models 2070 and 1138 modular dual-auger grain carts

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

Unverferth
Manufacturing Company, Inc.

P.O. Box 357 • Kalida, Ohio, USA 45853
1+(419) 532-3121 • unverferth.com

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