



**KEEP THOSE
COMBINES ROLLIN'!**



GREATER REACH, SPEED AND UNLOADING VERSATILITY

SIDE-FOLDING SINGLE-AUGER GRAIN CARTS

GRAIN HANDLING

**INNOVATING
THE FUTURE OF
AGRICULTURE**

MODELS 1160, 1060, 860,
760, 6225, 5225
UMEQUIP.COM



UNVERFERTH® GRAIN CARTS

KEEP THOSE COMBINES ROLLIN'! QUICK, CONVENIENT AND PRECISE GRAIN PLACEMENT

Smooth, consistent and uninterrupted combine travel through the field is the key to an efficient and successful harvest, and everyone knows Unverferth grain carts are best at keeping those combines rollin'.

Adding any Unverferth single corner-auger grain cart to your trail crew means you can unload the combine on the go and increase harvesting efficiency by up to 30%. The corner-auger design provides 100% unloading visibility with a unique sump design for faster unloading. With the steep-sloped sides, you're assured great cleanout, even in high-moisture grain.



- Capacities of 1,100, 1,000, 850, 750, 600 and 500 bushels
- Highly visible flow-control position indicator is easily seen from the tractor cab
- Computer balancing virtually eliminates any vibration of upper and lower augers
- Hydraulic auger lock-valve ensures a leak-free joint during unloading
- Truss-frame design, heavy-duty tubular-steel axles and 10-bolt gusseted hubs for smooth trailing, low maintenance and outstanding cart durability
- Steep 45° sidewalls, 39° front and 34° rear slopes, and deep sump for fast, clean and complete unloading
- Special-alloy high-tensile steel spindles easily carry load weights greater than larger-diameter spindles constructed of mild steel

- SMV emblem, reflective striping as well as red and flashing amber LED taillights positioned for maximum visibility from any direction to enhance transport safety
- Standard transport chain for added transport security
- High-intensity LED auger light for easy-to-see nighttime unloading
- Full primer undercoat, baked-on, high-grade equipment enamel in tractor green or red, and silicone-sealed seams to resist rust and corrosion



GRAIN CARTS

60-SERIES FEATURES

The Unverferth 60-series side-folding single-auger grain carts feature a longer auger for greater unloading height and reach and side-to-side adjustable downspout for convenient unloading over the tallest truck, wagon or semi. That means targeting the center of the bed for zero spillage and a rapid return to the combine.

- Patented soft-start, flex-drive auger connection with synchronized auger flighting for smooth engagement
- Computer-balanced 7/16" extended-wear flighting for longer life with 20"-diameter auger on models 1160 and 1060 for unloading up to 500 bushels per minute and 18"-diameter auger on models 860 and 760 with unloading speeds up to 450 bushels per minute
- Cupped double flighting in lower auger for faster unloading with a fuller auger
- Two-way hydraulic adjustable downspout for 4' of left/right movement controls grain flow for easier filling
- Optional four-way downspout for greater unloading control with 2' of front/rear movement
- Standard Weatherguard tarp on model 1160, optional on the others



Soft-start auger connection



Standard 60° turret-style downspout for maximum unloading control



MODEL 1060



GRAIN CARTS

60-SERIES FEATURES



Exclusive 45° gearbox



Lockable wheel-operated cleanout door for easy cleaning between crop types



Interior tank lighting on 60-series models for more convenient nighttime unloading

- Gearbox features extra-large 1 3/4"-diameter full-length output shaft for easy handling of the toughest unloading chores, even high-moisture corn
- The oversized gears and bearings, encased in a durable aluminum gearbox housing, are static-rated at 330 hp and dynamic-rated at 153 hp for long-term, trouble-free use
- Wheel-operated cleanout door for easy cleaning between crop types
- Adjustable-width axle option for easily meeting row spacing requirements



GRAIN CARTS

25-SERIES FEATURES

The 25-series models are right-sized to smaller field and acreage requirements, and the corner positioning of the unloading auger allows enhanced unloading visibility from the tractor cab.

- 14"-unloading auger with 5/16" flighting for unloading speeds of 300 bushels per minute
- The fully welded missile driver powering the upper auger provides greater contact area for smoother auger starts and longer component life
- Time-tested I-beam axles for added rigidity and durability
- Easy-to-use, lockable lever-operated cleanout door for easy sump cleanout



Lockable lever-operated cleanout door

MODEL 6225





GRAIN CARTS UNDERCARRIAGE OPTIONS

Wheels

- Widest variety of single high-flotation wheels and tires to meet your needs
- Straddle-row duals for models 1060, 860 and 760 increase flotation and can be adjusted to match a variety of row spacings

Tracks – Models 1160, 1060 and 860

- All tracked undercarriages are factory aligned, ready for in-field use, and feature heavy-duty greaseable hubs with purgeable, triple-lip seals for longer life
- Hydraulic-tensioning design with steel end-wheels and pivoting cast bogie wheels; hydraulic hoses included for easy adjustment using tractor's hydraulics
- Exclusive one-piece rubber belt design with shallow tread pattern for greater flotation and traction

Equalizer® Tracks – Model 1160

- Patented Equalizer® tracks for model 1160 are independently cambered to follow ground contours for optimum flotation and minimum compaction
- 42"-wide x 131" belt for enhanced maneuverability and greater flotation
- 40" main idler wheels with 10-bolt hubs for added durability
- Cast, pivoting mid-rollers on each track assembly on the same plane as the main idler wheels for optimum flotation
- Hydraulic belt tensioning adjustment for easier track alignment, optimum ground contact and even weight distribution
- Auto-greaser for automatic lubrication of pivot points at more frequent intervals for consistent, optimum lubrication of track undercarriages; standard on Equalizer track, optional on others



Optional Equalizer® tracks

LOADED TIRE GROUND PRESSURE*

Tire Size	Model 1160	Model 1060	Model 860	Model 760	Model 6225	Model 5225
Equalizer Tracks – 42" x 131" (87" of ground contact)	11.08					
Hydraulic-Tension Tracks – 36" x 148" (105" of ground contact)	10.70					
Hydraulic-Tension Tracks – 36" x 131" (87" of ground contact)	12.64	11.76				
Hydraulic-Tension Track – 36" x 112" (75" of ground contact)	14.11	13.10	11.40			
480/80x46 Duals (158A8 LI)		19.11				
420/80x46 Duals (151A8 LI)			19.99	17.58		
520/85x42 Duals (157A8 LI)		15.78	13.53	12.02		
480/80x42 Duals (151A8 LI)			16.86	14.96		
520/85x38 (173A8 LI)				31.66		17.05
IF1250/50x32 (201A8 LI)	13.87	12.81				
1250/50x32 (198A8 LI)	13.11	14.88				
1050/50x32 (178A8 LI)	20.18	18.48				
900/70x32 (188A8 LI)	22.65					
900/65x32 (193A8 LI)	23.03	21.21	18.27	16.17		
900/60x32 (181A8 LI)		24.72	21.29	18.84		
800/65x32 (172A8 LI)			20.08	17.56		
IF 800/60x32 (181A8 LI)			24.12	21.07		
IF 650/75x32 (172A8 LI)				22.16		
30.5x32 (18-Ply)		27.79			16.11	13.71
30.5x32 (16-Ply)					17.50	14.99
24.5x32					19.93	16.99
23.1x26						18.65

*Loaded P.S.I. calculated at 3" soil penetration depth and are presented for relative comparison of the options

GRAIN CARTS ACCESSORIES

The UHarvest® Pro data system, powered by Raven, takes weighing systems to the next level by combining the reliability and accuracy of grain cart scales with ISOBUS connection and operation with the tractor's virtual terminal screen. This state-of-the-art software allows you to analyze as much harvest data as you want and features:

UHarvest Pro system features:

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



UHarvest ISOBUS Display

UHarvest Pro options:

- **Moisture Sensor** – cart-mounted sensor provides dry bushel weight conversion
- **Accu-Load** – automatic loading for precise truck weights



410 scale



520 scale

Scale solutions

- The model 410 scale package is specifically designed for ease of use and maximum productivity; 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 shut-off at desired truck weight



Optional Weatherguard rollover tarp

Weatherguard Rollover Tarp

All Unverferth grain carts can be fitted with an optional Weatherguard rollover tarp package (standard on 1160) featuring heavy-duty 18-ounce canvas to protect load contents. The semitrailer-style locking aluminum latchplate design provides protection from moisture and high wind. Order the tarp package factory-installed, or pre-located holes in the sideboards allow for easy on-farm installation.

Hydraulic drive

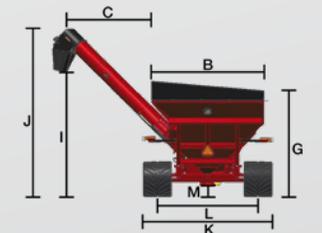
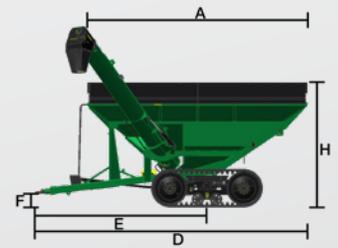
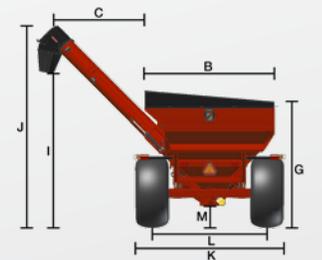
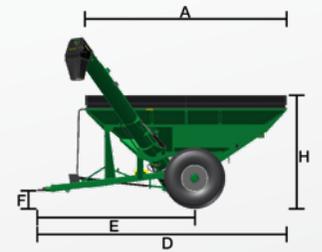
For Unverferth grain carts pulled by non-PTO tractors, there's an optional tongue-mounted dual-port 55 GPM hydraulic drive motor that delivers unloading speed up to 150 bushels per minute or a 105 GPM package that unloads up to 250 bushels per minute.



Dual-port hydraulic drive

GRAIN CARTS SPECIFICATIONS

Model Number	1160	1060	860	760	6225	5225
Capacity (bushels)	1,100	1,000	850	750	650	550
Minimum Tractor HP	200	200	180	150	140	130
Loaded Tongue Weight (lbs)	4,800	4,700	5,550	4,990	3,600	3,200
Empty Tongue Weight (lbs)	1,500	1,450	1,350	1,200	1,000	900
Auger Diameter	20"	20"	18"	18"	14"	14"
Unload Speed (bushels/minute)	500	500	450	450	300	300
Flighting Thickness	7/16"	7/16"	7/16"	7/16"	5/16"	5/16"
Hub Size/Spindle Diameter	10-Bolt 4 1/2"	10-Bolt 4 1/2"	10-Bolt 4 1/2"	10-Bolt 4 1/2"	10-Bolt 3 3/4"	10-Bolt 2 7/8"
Hydraulic Remotes Required	3	3	3	3	2	2
Front/Rear Hopper Slope (degrees)	39/34	39/34	39/34	39/34	36/36	36/36
A. Hopper Length	21' 6"	21' 6"	16'	16'	13' 10"	13' 10"
B. Hopper Width	13'	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"
C. Auger Side Reach Max (to inside of rubber spout)	9' 9"	9' 9"	9' 2"	9' 2"	6' 2"	6' 2"
C. Auger Side Reach Min (to inside of rubber spout)	7' 3"	7' 3"	7' 2"	7' 2"	6' 2"	6' 2"
D. Overall Transport Length	29' 7"	29' 7"	27' 7"	27' 7"	23' 10"	23' 10"
E. Hitch to Center of Axle	16' 10"	16' 10"	15' 7"	15' 7"	13' 6"	13' 6"
Single Wheels & Tires						
Measured Undercarriage	Adj Axle 1050/50x32	Rigid Axle 900/65x32	Rigid Axle 800/65x32	Rigid Axle 800/65x32	Rigid Axle 24.5x32	Rigid Axle 520/85x38
Empty Weight (lbs)	14,500	13,050	12,750	11,450	7,300	7,120
F. Hitch Height	1' 10"	1' 10"	1' 10"	1' 7"	1' 7"	1' 7"
G. Hopper Height Low Side	11' 8"	11' 8"	11' 3"	11'	10' 2"	9' 7"
H. Hopper Height High Side	12' 7"	12' 6"	12' 3"	12'	11' 6"	10' 11"
I. Auger Height With Spout Straight Down	13'	13'	12' 11"	12' 11"	12' 5"	12' 5"
J. Height to Top of Auger in Unload Position	17' 11"	17' 11"	17' 11"	17' 11"	14' 11"	14' 11"
K. Width Outside of Tires	14' 6"	14' 4"	12' 10"	12' 10"	12'	12'
L. Center of Tire to Center of Tire	11' 3" min. 12' 9" max.	11' 2"	10'	10'	10' 3"	10' 3"
M. Under Frame Height	1' 5"	1' 5"	1' 5"	1' 5"	1' 4"	1' 4"
Tracks						
Measured Undercarriage	36" x 112" Hyd.-Tension	36" x 112" Hyd.-Tension	36" x 112" Hyd.-Tension	-	-	-
Empty Weight (lbs)	19,550	19,400	19,000	-	-	-
F. Hitch Height	1' 5"	1' 5"	1' 5"	-	-	-
G. Hopper Height Low Side	11' 1"	11' 1"	11' 3"	-	-	-
H. Hopper Height High Side	12' 2"	12' 1"	12' 3"	-	-	-
I. Auger Height With Spout Straight Down	12' 11"	12' 11"	12' 10"	-	-	-
J. Height to Top of Auger in Unload Position	17' 7"	17' 7"	17' 8"	-	-	-
K. Width Outside of Tracks	13' 11"	13' 11"	13' 7"	-	-	-
L. Center of Track to Center of Track	10' 11"	10' 11"	10' 7"	-	-	-
M. Under Frame Height	1' 1"	1' 1"	1' 4"	-	-	-
*Capacities measured with #2 corn, with 15% moisture and 56-pound test weight **Constructed from high-tensile strength steel						



Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit Unverferth.com/patents.

FOR COMPLETE DETAILS ON THE UNVERFERTH SIDE-FOLDING SINGLE-AUGER GRAIN CARTS → visit UMequip.com or see your nearest dealer today.



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