



Unverferth Dual-Auger Grain Carts

*Capacity, Speed and
Auger Adjustability*



Models 2020,
1620, 1320 & 1120
umequip.com

Grain Handling



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Unverferth® Grain Handling

Dual-Auger Harvesting Power

Your time is money, which is why we've designed the Unverferth high-capacity, dual-auger grain carts to be some of the largest, fastest and most efficient on the market. Get exceptional unloading power and speed from a combination of horizontal and vertical augers, plus a variety of innovative features that simplify your hands-on tasks to let you focus on the bigger picture.



Powerful drivetrain design

Dual-Auger Features and Benefits

Combine the versatile pivoting unloading auger with a 20"-diameter floor auger for a drivetrain capable of unloading up to 1,000 bushels per minute, depending on model. Couple fast unloading speed with a low-profile design for easier filling, and you are equipped with grain handling efficiency second to none. Drivetrain features P.T.O. with cut-out clutch powering a 90-degree gearbox for the vertical auger and dual belt-driven horizontal auger for worry-free use.



Pivoting Auger

The unloading auger pivots to provide more than five feet of hydraulically controlled height adjustment. Place your grain exactly where you want it between 10' 5" and 16' 6" vertically and up to 8' 11" away from the cart. Includes in/out hydraulic downspout control for added unloading flexibility.



Field stand



Horizontal auger cleanout gate

Field Stand

Tuck auger out of the way and quickly return to working position.

Easy Cleanout

Completely empty your cart for cleanout between crops with an easy-opening vertical auger cleanout door and hinged horizontal auger cleanout with single-point opening and over-center locking.

Soft-Start Auger Mechanism

Each Unverferth dual-auger grain cart features our own patented soft-start innovation: a self-aligning, rubber-cushioned starting mechanism that smoothly engages and transfers power to the upper vertical auger, while optimizing unloading speed and reducing wear to the drivetrain.

Dual-Auger Grain Cart Features



Cushioned tongue



Tandem wheels



Equalizer tracks

Standard Features and Benefits

- Rubber-cushioned suspension between tongue and chassis ensures an always-smooth ride
- Rollover tarp with easy operation and 18 oz. canvas to protect against inclement weather
- Steep-sloped sidewalls ensure fast, complete unloading
- Color-coded hoses offer convenience, and hydraulic hose storage offers protection when not in use
- Choose from a red or green oven-baked finish, plus silicone-sealed seams for corrosion resistance
- LED spotlights are standard on unloading auger for increased brightness and long life
- Steel bumper underneath the unloading auger provides protection for the truck

Undercarriage Options

Choose from a variety of choices for making your cart match your operation's needs, depending on model.

- Single, high-flotation or walking tandem dual wheels and tires on models 1320 and 1120
- Oscillating in-line tandems for added flotation for models 2020 and 1620
- Hydraulically tensioned tracks feature one-piece molded rubber belt for long life and durability. Track undercarriages are available with 40"-diameter with 36" wide belt x 131" or 148" long and 32"-diameter end wheels with 36" x 112" belt, depending on model.
- All models can be equipped with patented Equalizer® tracks featuring front/rear pivoting and side-to-side cambering with extra-wide 42" x 131" or 148" long belt for the ultimate in flotation, depending on model.

Accessories

- Wired five-function, pistol-grip downspout control with added left/right motion controls auger raise/lower, pivot, flow door and downspout in/out and left/right movement provides fingertip operation
- Always see your surroundings with available side- and rear-mounted cameras
- Hydraulic jack provides stability for hassle-free parking when empty
- Electric tarp operation provides quick, hands-free protection
- An automatic greasing system reduces waste and applies more frequently for precise lubrication — standard on Equalizer® tracks and optional for in-line tandem wheels and hydraulically tensioned tracks
- Hydraulic-operated brakes for model 2020 carts with in-line tandems for enhanced operator control



Auto greaser

Accessories



410 scale



520 scale



Cart-mounted LCD display

Variety of Scale Packages

Choose from traditional model 410 (standard on 1620) with LCD display and basic weight information, or the model 520 (standard on 2020) LCD display with feature-rich data collection unique to your grower, farm and field. An optional cart-mounted 4" x 18" LCD remote display is available to show current cart volume for these indicators.

UHarvest Pro Grain Cart Scale and Data System

The UHarvest Pro ISOBUS-connected, full-featured harvest data collection system for tracking grower, farm, field, crop, truck and destination for each cart load. By utilizing ISOBUS technology, the user can operate the UHarvest® Pro system from the virtual terminal display in the tractor, eliminating the need for batteries and extra monitors in the cab. Simply plug into the ISOBUS and you're ready to go!



Virtual terminal

How UHarvest Pro Works

The UHarvest Pro system conveniently connects the grain cart scale load cells into your tractor's ISOBUS plug for the most robust, reliable connection. Enter your data on your Virtual Terminal display for the crop and field you want to collect, and you're ready to harvest.

The UHarvest Pro system automatically records each load with user-specified information such as grower, farm, field, crop, truck, destination and variety so you can focus on unloading. The harvest data can then be quickly uploaded to a Raven Slingshot® account for analysis or sharing with your crop advisor or insurance adjuster using the free mobile app. Visit uharvest.net for complete details.



Specifications

Model 1320



Model 1120



Unverferth Dual-Auger Grain Carts

Model Number	2020	1620	1320	1120
Measured Undercarriage	Equalizer 42" x 148"	Hyd. Tens. 36" x 148"	1250/50 x 32	1050/50 x 32
Capacity (bushels)	2,000	1,600	1,300	1,100
Empty Weight (lbs)	36,640	28,560	20,860	18,960
Loaded Tongue Weight (lbs)	6000	5500	5400	5200
Empty Tongue Weight (lbs)	4000	4000	3550	3400
Auger Diameters (vertical — horizontal)	24"/20"	22"/20"	22"/20"	22"/20"
Unload Speed (bushels/minute)	1,000	850	850	850
Fighting Thickness	7/16"	7/16"	7/16"	7/16"
Hub Size/Spindle Diameter	Tandem-12-bolt, 6"	Tandem-12-bolt, 6"	12-bolt/6"	10-bolt/4 1/2"
Hydraulic Remotes Required	4	4	4	4
Min. Tractor HP	400+ 4WD	300+	250+	225+
Downspout Range of Motion (In/Out)	1' 9"	1' 8"	1' 8"	1' 8"
Hitch Height	Adj. 1' 6"—1'9"	1' 5"	2'	1' 8"
Hopper Length	29'	25' 4"	22'	22'
Hopper Width	13' 10"	11' 10"	11' 10"	11' 10"
Hopper Height Low Side	11'	11' 1"	11' 11"	10' 9"
Hopper Height High Side	12'	12' 1"	12' 11"	11' 9"
Auger Height Max/Min (bottom edge of spout when straight down)	16' 6"/10' 11"	15'/10'	15' 3"/10' 3"	15' 3"/10' 3"
Auger Side Reach Max/Min (inner edge of spout when straight down)	8' 2"/4'	9' 1"/3' 4"	9' 1"/3' 4"	9' 1"/3' 4"
Height to Top of Auger Max/Min	20' 1"/14' 11"	20' 10"/16' 1"	20' 6"/15' 6"	20' 6"/15' 6"
Width Outside of Tires	13' 11"	11' 10"	14' 1'	13' 3"
Overall Transport Length	37' 10"	34' 2"	30' 10"	30' 10"
Under Frame Clearance	1' 9"	1' 2"	1' 7"	1' 4"
Center of Tire to Center of Tire	10' 5"	8' 5"	9' 10"	10'
Hitch to Center of Axle	23' 3"	21' 10"	20' 4"	20' 4"
Undercarriages — Overall Width (Loaded P.S.I.)*				
42"x148" Equalizer Tracks	13' 11" (16.25)	13' 10" (13.08)	11' 10" (11.07)	—
42"x131" Equalizer Tracks	—	—	12' 3" (13.06)	12' 1" (11.47)
36"x148" Hydraulic Tension Tracks	13' 5" (18.66)	11' 10" (14.97)	12' 3" (12.63)	12' 1" (11.09)
36"x131" Hydraulic Tension Tracks	—	—	—	12' 1" (13.11)
36"x112"	—	—	—	12' 1" (14.66)
1050/50x32 In-Line Tandems	14' 10" (22.22)	—	—	—
900/60x32 In-Line Tandems	—	13' 2" (18.17)	—	—
650/65x42 Walking Tandem Duals	—	—	14' 8" (21.08)	13' 10" (18.64)
520/85x42 Walking Tandem Duals	—	—	14' 8" (21.13)	13' 10" (18.68)
520/85x38 Walking Tandem Duals	—	—	—	13' 10" (25.56)
IF 1250/50x32 (201A8)	—	—	14' 1" (16.77)	14' 1" (14.60)
IF 1250/50x32 (188A8)	—	—	—	14' 1" (14.60)
1250/50x32 (188A8)	—	—	—	14' 1" (16.96)
1050/50x32	—	—	—	13' 3" (21.25)
35.5x32 Singles	—	—	—	14' 1" (16.41)

* Represents the relative ground pressure calculated at the 3" soil penetration as a comparison between undercarriage options.

See your nearest Unverferth dealer today for complete details about our dual-auger grain carts, or check our website at www.umequip.com.

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.

Unverferth
Manufacturing Company, Inc.

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