

BRENT

DESIGNED TO PERFORM
BUILT TO LAST

V-SERIES

SINGLE-AUGER GRAIN CARTS

MODELS V1500 V1300 V1100 V1000 V800 V700

SEE MORE.
REACH FARTHER.
UNLOAD SMARTER.



GRAIN HANDLING

UNVERFERTH MANUFACTURING CO., INC.
P.O. BOX 357, KALIDA, OH 45853
BRETEQUIP.COM

BRENT

V-SERIES



MODEL V1300 UNLOADING

SEE MORE. REACH FARTHER. UNLOAD SMARTER.

The V-Series — unmatched visibility and control.

Brent® V-Series grain carts elevate operator comfort and unloading precision with an exclusive forward-reaching, single corner-auger design that positions the downspout up to 6' ahead of the hitch. This innovative layout allows operators to clearly view the downspout directly from the tractor cab, reducing fatigue while improving placement accuracy.

Engineered for greater reach and performance, the side-folding auger design enables a longer upper auger for increased height and side reach — allowing grain to be placed straight down for more controlled unloading. A standard four-way downspout offers 3' 8" of in-and-out and 3' 9" of side-to-side movement, making it easy to top off trucks with precision.

With capacities ranging from 1,500 to 750 bushels and unloading speeds up to 600 bushels per minute (model dependent), the V-Series is built to keep pace with demanding harvest conditions. Models with capacities of 1,100 bushels and larger feature a patented, field-proven U-joint design that angles the upper auger outward and upward for even greater reach and clearance.

See the difference. Experience the advantage. The Brent V-Series delivers unmatched visibility where it matters most.



MODEL V1100



MODEL V700

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V-SERIES SINGLE-AUGER GRAIN CARTS

TANK – CAPACITY, CLEANOUT AND CONVENIENCE

Proven performance, durability and operator-friendly features.

- **Carrying Capacities**
 - ◆ Models V1500, V1300, V1100, V1000, V800 and V700 offer capacities of 1,500, 1,300, 1,100, 1,000, 850 and 750 bushels to meet a wide range of operator needs
- **Efficient Unloading Performance**
 - ◆ Exclusive deep sump design located outside of the tank funnels grain into the auger for fast, complete unloading
 - ◆ Industry-leading front and rear tank slopes with a graphite-coated interior ensure thorough cleanout and consistent unloading speeds in all crop conditions
 - ◆ Hydraulically operated flow gates with a highly visible position indicator allow the operator to adjust grain flow for precision control
- **Cleanout and Access**
 - ◆ Wheel-operated cleanout door at the auger sump allows quick and easy cleanout or pit dumping
 - ◆ Front viewing ladder and front/rear shatterproof windows provide clear visibility of the tank contents
 - ◆ Rear tank access door with a fold-down ladder on models V1500, V1300 and V1100 enables convenient entry for cleanout and inspection



MODEL V1300



REAR ACCESS DOOR



METALLIC BLACK OPTION



PTO STORAGE HOLDER



MODEL V800



DEEP TANK SUMP DESIGN

- **Convenience and Finish**
 - ◆ Interior LED hopper light enhances visibility for nighttime operation
 - ◆ Color-coded anodized aluminum hydraulic hose grips with storage and PTO holder keep the driveline clean when not in use
 - ◆ High-grade enamel paint is baked on in tractor red, green or the exclusive metallic black for a long-lasting, automotive-quality finish
- **Crop Protection and Safety**
 - ◆ Standard roll-tarp on models V1500, V1300 and V1100 (optional on V1000, V800 and V700) protects harvested grain
 - ◆ Transport chain, flashing LED taillights, side marker lights, reflective markings, and SMV and SIS emblems ensure safer road travel

AUGER – OPERATOR VISIBILITY MAXIMIZED

Enhanced visibility and more unloading controls for efficient unloading.

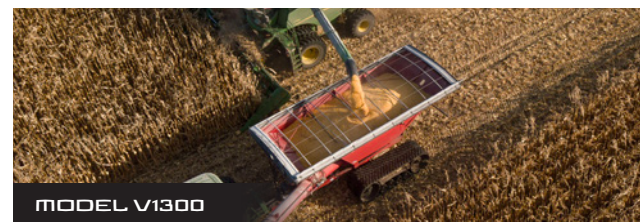
- **Auger Design and Reach**
 - ◆ Exclusive forward-reaching corner-auger with a side-folding design increases upper auger length for industry-leading side reach, forward reach and unloading height
 - ◆ The innovative auger design allows the operator to view the downspout from the tractor cab side window, reducing fatigue and improving unloading accuracy
 - ◆ Models V1500, V1300 and V1100 feature a patented auger design with a field-proven U-joint transition that angles the upper auger outward and upward for increased reach and height
- **Unloading Speeds**
 - ◆ Models V1500, V1300 and V1100 feature a 20"-diameter auger with unloading speeds up to 600 bushels per minute
 - ◆ Models V1000 and V800 feature a 20" auger, while model V700 features an 18" auger, delivering unloading speeds up to 550 and 500 bushels per minute, respectively
- **Flighting and Performance**
 - ◆ Exclusive 3/8" max-edge auger flighting reinforced with 1/4" AR400 abrasion-resistant strips in high-wear areas extends auger life up to 20%
 - ◆ Two-point auger engagement, electronically balanced flighting and soft-start connection provide smooth, gentle auger operation
 - ◆ Continuous flow flighting with patented flighting wings improves grain transfer efficiency between auger sections
- **Downspout Control**
 - ◆ Standard four-way directional downspout delivers nearly 4' of in-and-out and 4' of side-to-side movement with minimal change in the discharge height
- **Lighting and Visibility**
 - ◆ Dual spout-mounted LED unloading lights on models V800 and larger and a single LED light on model V700 enhance visibility during nighttime operation



UNDERCARRIAGE AND DRIVELINE – STANDARD FEATURES

Strength, stability and reliable power transfer for demanding field conditions.

- **Durable Driveline**
 - ◆ Exclusively designed heavy-duty 45° gearbox features a 2 1/4" output shaft on models V1500, V1300 and V1100 and a 1 3/4" output shaft on models V1000, V800 and V700 for reliable, trouble-free operation
 - ◆ Heavy-duty side-wind jack provides easy operation for convenient tractor hookup
- **Single Wheels and Tires**
 - ◆ All models can be equipped with single high-flotation tires with multiple tire sizes to choose from
 - ◆ All models offer a rigid axle, while models V1100, V1000, V800 and V700 also offer an adjustable axle to match operator preferences
- **Track Standard Features**
 - ◆ Hydraulic tensioning with PSI gauge ensures consistent track performance
 - ◆ Exclusive rubber belt construction molds the tread and guide lugs together for longevity
 - ◆ Greaseable hubs with purgeable seals to remove dirt and debris
 - ◆ Cast-iron pivoting mid-rollers are on the same plane as the main end-wheels to maximize flotation; main end-wheel track deflectors prevent debris buildup



V-SERIES

SINGLE-AUGER GRAIN CARTS

UNDERCARRIAGE AND DRIVELINE

- **36" Track Systems**
 - ◆ Up to 105" ground contact length with four- or two-wheel mid-roller design
 - ◆ Front-to-back pivoting for smooth operation over uneven terrain
- **Equalizer® Track Systems**
 - ◆ 42"-wide belt with up to 105" of ground contact length
 - ◆ Patented side-to-side cambering and front-to-back pivoting maximize flotation
 - ◆ Auto-greaser system provides consistent lubrication (optional on 36"-wide tracks)



36" TRACK SYSTEM



EQUALIZER TRACKS

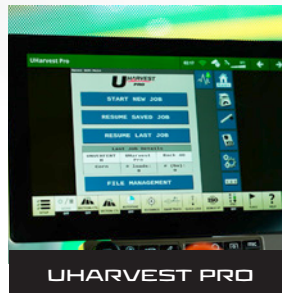


AUTO-GREASER

ACCESSORIES

Technology, control and convenience for every harvest.

- **UHarvest® Pro Scale and Data Management System**
 - ◆ ISOBUS operation with Accu-Save data recording logs every load automatically
 - ◆ Hitch-weight management, wireless mobile app transfer and Slingshot® cloud reporting organize harvest data by grower, farm and field
 - ◆ Optional moisture sensor converts weight into dry bushels
 - ◆ Accu-Load automatically unloads programmed weights and closes flow doors
- **Scale Packages**
 - ◆ 520 Scale Package with cab-mounted multiline indicator display and alphanumeric keyboard
 - ◆ 410 Scale Package with a basic weight readout for an easy-to-read cab display
 - ◆ Remote Scale Display with a 4"x18" LED screen mounted in a recessed area on the side of the cart for easy viewing and a sleek appearance
- **Joystick Remote Controller**
 - ◆ Four-function joystick remote on models V1100 and larger controls all hydraulic functions and features double-tap operation to fold and unfold the auger
- **Water Delivery System**
 - ◆ 275-gallon tank for models V1500 and V1300 or 150-gallon tank for model V1100, 100' hose, firehose-style nozzle, and hydraulic pump



UHARVEST PRO



SCALE DISPLAY



JOYSTICK



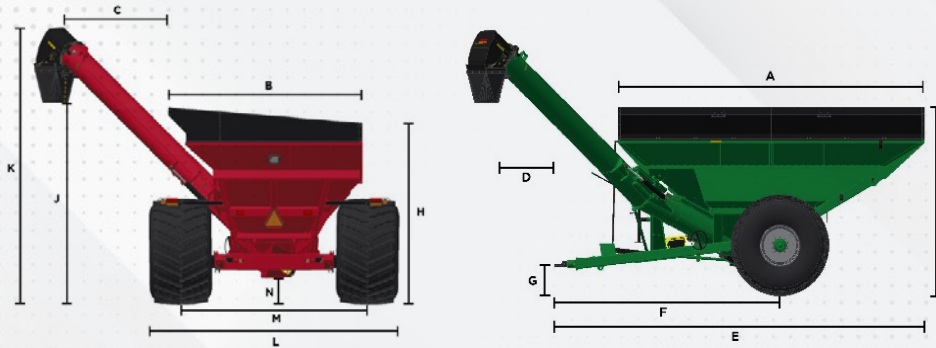
WATER DELIVERY

- **Additional Accessories**
 - ◆ Electric roll-tarp on models V1000 and larger with wireless key fob for effortless operation
 - ◆ Hydraulic jack on models V1500 and V1300 can be controlled from the tractor cab
 - ◆ Color cameras for enhanced visibility
 - ◆ 100- or 55-gallon-per-minute hydraulic drive systems with unload speeds up to 325 bushels per minute for tractors not equipped with a PTO
 - ◆ Hydraulic two-wheel disc brakes on models V1100 and V1000 with single tires and adjustable axle



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SINGLE-AUGER GRAIN CARTS



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SPECIFICATIONS

MODEL	V1500	V1300	V1100	V1000	V800	V700
CAPACITY (BUSHELLS)*	1,500	1,300	1,100	1,000	850	750
ENGINE HP	300	250	225	200	180	150
LOADED TONGUE WEIGHT (LBS.)	7,850	7,300	6,040	5,870	5,250	4,840
EMPTY TONGUE WEIGHT (LBS.)	3,880	3,830	2,880	2,560	2,480	2,670
AUGER DIAMETER	20"	20"	20"	20"	20"	18"
UNLOAD SPEED (BUSHELLS/MIN.)	600	600	600	550	550	500
HUB SIZE/SPINDLE DIAMETER	12-bolt/6"	12-bolt/6"	10-bolt/4.5"	10-bolt/4.5"	10-bolt/4.5"	10-bolt/4.5"
HYDRAULIC REMOTES REQUIRED	4	4	4	4	4	4
FRONT/REAR SLOPES (DEGREES)	32/30	32/30	40/30	40/30	40/30	40/30
A. HOPPER LENGTH	27'	27'	21' 6"	19' 5"	17' 11"	17' 11"
B. HOPPER WIDTH	14'	12' 7"	13' 4"	11' 10"	11' 10"	11' 10"
C. AUGER SIDE REACH MAX.	MEASURED TO INSIDE EDGE OF RUBBER SPOUT	9' 6"	9' 6"	9' 6"	9' 1"	9' 9"
C. AUGER SIDE REACH MIN.		5' 9"	5' 9"	5' 10"	6' 8"	6' 9"
D. HITCH TO SPOUT WHEN STRAIGHT DOWN (FORWARD REACH)	4' 5"	4' 5"	4'	2' 5"	2' 5"	3' 7"
E. OVERALL TRANSPORT LENGTH	30' 7"	30' 7"	26'	26' 4"	26' 4"	22' 11"

SINGLE WHEELS AND TIRES

MEASURED UNDERCARRIAGE	IF 1250/50x32 Tire	IF 1250/50x32 Tire	Adj. Axle 1250/50x32 Tire	Adj. Axle 1050/50x32 Tire	Rigid Axle 800/65x32	Rigid Axle 800/65x32
EMPTY WEIGHT (LBS.)	19,700	19,050	15,700	14,000	12,160	11,360
G. HITCH HEIGHT	1' 9"	1' 9"	1' 10"	1' 7"	1' 7"	1' 7"
H. HOPPER HEIGHT LOW SIDE	11' 8"	11' 8"	11' 11"	11' 8"	11' 2"	10' 4"
I. HOPPER HEIGHT HIGH SIDE	12' 10"	12' 9"	12' 11"	12' 8"	12' 2"	11' 3"
J. AUGER HEIGHT WITH SPOUT STRAIGHT DOWN	13' 6"	13' 6"	13'	13' 1"	13' 1"	12' 5"
K. HEIGHT TO TOP OF AUGER IN UNLOAD POSITION	17' 11"	17' 11"	17' 4"	17' 3"	17' 3"	17' 1"
L. WIDTH OUTSIDE OF TIRES	16' 2"	15' 3"	16' 2"	15' 7"	12' 9"	12' 9"
M. CENTER OF TIRE TO CENTER OF TIRE	11' 11"	11' 1"	12' 1"	12' 2"	10' 1"	10' 1"
N. UNDERFRAME HEIGHT	1' 4"	1' 4"	1' 8"	1' 5"	1' 5"	1' 3"

*Bushel capacities and unloading speeds are measured with #2 corn at 15% moisture (56-lb. test weight).

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

FOR MORE INFORMATION ON THE V-SERIES SINGLE-AUGER GRAIN CARTS, SEE YOUR NEAREST DEALER OR VISIT BRENTTEQUIP.COM TODAY.

Unverferth
Manufacturing Company, Inc.

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