

Unverferth® Bulk Handling

Augers, Conveyors



Moves it
FAST!



Augers, Conveyors

Unload It Fast!

Whether you're handling feed, seed, fertilizer or other bulk commodity, the patented Unverferth gravity box auger helps you unload quickly and effortlessly.

Innovative Design

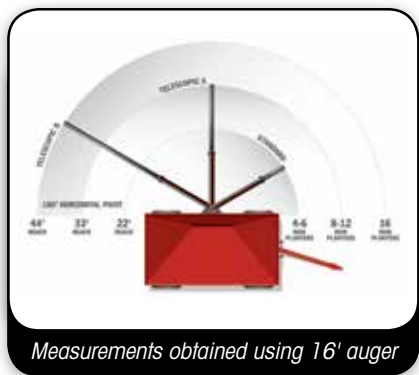
The auger's 180° horizontal pivot and 90° vertical adjustment gives you flexibility for unloading anywhere and creates a tight, flush fit to the side of the box for safer transport.

- The flexible, 4' downspout keeps unloading on target.
- Two sizes of optional telescoping downspouts — (A) 5'6" to 10' and (B) 9' to 14' — are also available for greater reach for complete filling of a 16-row, 30"-spacing planter without moving the wagon.
- The hydraulic motor is mounted at the top of the auger for a cleaner operating environment, longer seal life and greater under-hopper clearance.
- The rugged, 6-cubic-inch hydraulic motor needs only 9 gallons of fluid per minute and 1,800 P.S.I. for peak operating efficiency.
- The patented, rubber-cushioned flip-over bracket protects and holds the auger securely to the side of the box during transport. The fall-away, quick-release holding arm allows the auger to move quickly and smoothly to the desired unloading position.
- Available Power Pack hydraulic unit features an 8 HP gas-powered, electric-start Honda engine for running the auger when a tractor isn't available and delivers 9 GPM at 1,800 P.S.I.



Standard neoprene downspout

Optional 3-stage telescoping spout



Measurements obtained using 16' auger



Rubber-cushioned flip-over bracket



Power Pack hydraulic unit



- The adjustable hopper size makes attachment to a wide variety of gravity boxes quick and convenient. A patented, spring-supported rubber seal fits snugly between the hopper and the wagon to ensure a leak-free connection.
- Color-coded nylon cords provide convenient on/off control for one-person operation.
- Hydraulic hoses run to the front of the box for easy hookup.
- A patented, 12"-diameter, deep-intake sump allows increased flow for faster unloading — up to 10 bushels per minute with brush-tip flighting and 14 bushels per minute or 900 pounds of bulk material per minute with stainless steel or steel flighting. Clean-out door for convenient access between varieties.
- The sump and shroud on the plastic auger are constructed of stainless steel for superior resistance to corrosion when handling bulk fertilizer.
- Plastic augers feature a full-length steel backbone to keep the tube rigid for durability.
- Optional electric on-off control for telescopic spouts for easier operation.
- The auger-mounted winch includes a safety latch for convenient, one-person operation. The winch on the 16' model is equipped with an automatic brake.



Adjustable hopper size



Auger-mounted winch

Choose Your Style

- Six-inch-diameter augers are available in 16' or 14' lengths. Choose an outer auger tube of either heavy-duty, reinforced ABS plastic or rugged 10-gauge steel for long life. Flighting options include:
 - Brush-tip in a steel tube for fast and gentle seed unloading.
 - Heavy-duty cupped steel in a steel tube for general purpose conveying.
 - Cupped stainless steel in a plastic tube for fertilizer handling.
 - Cupped ABS plastic on stainless steel hex-center shaft in steel tube with interlocking sections for gentle seed/fertilizer handling. Flighting is UV-resistant for longer life.



Six-inch-diameter augers

Gentle Seed Handling

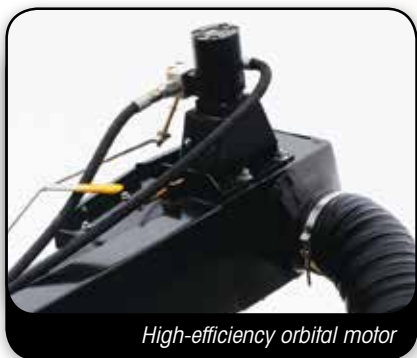
For the most gentle seed handling look to the Unverferth tubular-style gravity box conveyor. It features an 8"-wide cupped and cleated belt inside a 6" steel tube for maximum seed cushioning and moves seed up to 10 bushels or 12 units per minute. Add it to your 400+ bushel wagon and you'll get double-duty planting and harvesting performance.



Standard 3-stage downspout



Lower cleanout door



High-efficiency orbital motor

- The unique swivel-cable design allows smooth and easy side-to-side movement. The tube-mounted friction-disc winch provides easy vertical adjustment, while the quick-releasing secondary winch permits easier transport latching.
- The patented 12"-deep intake sump keeps the conveyor full for optimum speed and increased flow. Hopper features double-brush system to prevent seed backfill.
- The universal mounting bracket allows for matching the conveyor to most gravity boxes with door-angle widths ranging from 29½" to 62".
- The easily accessible lower cleanout door simplifies conveyor cleanup.
- The 16' conveyor length and standard 3-stage telescopic downspout extends from 6' to 10' for easily reaching up to 30' and filling a 12-row planter.
- The high-efficiency orbital motor is mounted near the top of the conveyor for a cleaner operating environment, longer seal life and greater under-hopper clearance.
- Optional electronic on-off control kit for easier operation.
- Rubber-lined discharge chute provides added level of seed cushioning.





More Time Drilling Less Time Filling

Fill augers load most seedboxes in 10 minutes or less while eliminating the backbreaking chore of lugging heavy seed sacks on and off the drill platform.

- Easily mount to most drills, including JD CCS 1990, 1890, 1790/1795 and 1690 drills. Drill Fills for 15' and 20' JD models 1590, 1560 and 750 models are center-mounted to accommodate drill length and height.
- Rigid, vertical-lift augers feature 6" steel-tube construction and a powder-coat finish for longer life. The high output, 6-cubic-inch motor with a flow rate of 8 to 12 gpm is top mounted for added durability.
- Three flighting options ensure the gentlest seed handling. Cupped-steel and cupped-plastic flighting moves seed at up to 10 bushels per minute. Brush-tip flighting transports seed at 8 bushels per minute.
- The telescoping downspout allows for easy, one-person filling of the entire seedbox.
- A gas-spring lift-assist and a swivel mount allows for easy raising and lowering of the auger and effortless positioning at filling. The auger is also easily locked into the storage position across the rear of the drill for safe, low-profile transport.
- Auger hoppers are fitted with flip-over lids and cleanout doors for minimizing debris accumulation and easy cleaning.
- Dual on/off control levers are conveniently positioned for easy seedbox filling from either the ground or the drill platform. All hydraulic hoses to the rear of the planter or drill are also included.
- An optional control valve package is available for adjustable hydraulic speeds.
- Drill performance can be optimized by adding the optional single Rolling Harrow® conditioner which levels and firms the soil for improved seed-to-soil contact and enhanced germination.



Drill Fill in transport position



SOS for CCS

Give your CCS drill or planter the help it needs this planting season with an Unverferth conveyor. Bag or bulk seed is easily moved from the ground-level hopper which makes constantly climbing stairs a distant memory.

- Models are available for most CCS planters, including models with liquid fertilizer and refuge seed tanks.
- The top-mounted motor stays cleaner for longer life and keeps the belt tight for the gentlest seed handling.
- Conveniently placed, dual on/off controls and a telescoping downspout on planters and 4' flex downspout on drills allow for easy, one-person filling of the seedbox from the ground or planter platform.
- Rubber-lined discharge chute provides added level of seed cushioning.



Transport position



8" cupped and cleated belt

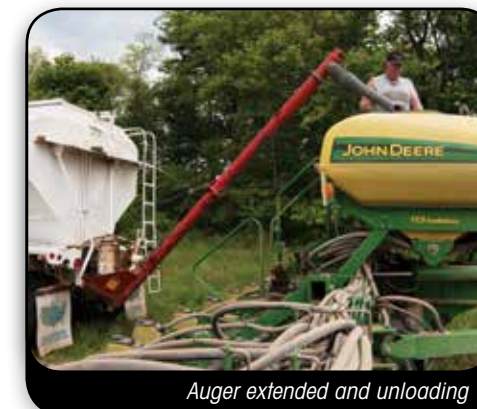




Easy-On, Easy-Off For Effortless Unloading

Speed the handling of all your bulk materials with the versatile truck unloading auger from Unverferth. It mounts easily on your truckbed gate and makes unloading of seed, feed and fertilizer virtually effortless.

- Easily lowers into unloading position with the use of a winch and locks into position with tool-free over-center latch
- Rubber hopper guard minimizes material bounce and spill
- Choice of steel or brush-tip flighting with discharge rate of 500 bu./hr. for grains and 900 lbs./min for fertilizer based on 500 rpm auger speed



Auger extended and unloading



Tool-free detachment with only two pins and the cable

- A spring lift-assist allows for easy lifting and sliding of the conveyor into the middle of the planter for transport. Conveyors for drills store across the rear of the drill within its transport width.
- Super-gentle, variable-speed conveyors feature an 8" cupped and cleated belt inside a 6" tube to load up to 10 bushels per minute.
- Conveyors feature tubular steel construction for long life and a powder-coat finish to help resist corrosion.
- Planter CCS conveyors store off-center, providing stairway access even in transport. They also work on planters with refuge tank and liquid fertilizer options.
- The collapsible conveyor hopper is fitted with a vinyl cover for minimizing debris accumulation. A clean-out door is standard for easily removing leftover seed when switching varieties. Hopper features double-brush system to prevent seed backfill.



Gas spring lift-assist



Hopper cover

Specifications

CCS Drill and Planter Fill Conveyors			
Model	JD 1690/1890/1990 CCS	JD 1770/1790/1795 CCS and DB series	JD 1770/1790/1795 CCS and DB series with/Fert. Option
Size	6" x 16' Rigid	6" x 18' Rigid	6" x 18' Rigid
Storage	Rear	Center	Center
Added Transport	—	24" length	5" height / 48" length



Auger assembly easily folds into compact transport position

- Universal mounting bracket fits a wide variety of truck bodies with minor modifications
- Telescopic downspout maneuverability for unloading to the rear or either side of the truck
- Weather-resistant electronic switch at the end of the spout, combined with a metering door between the truck and hopper, for flow-rate control
- Powered by 4-cubic-inch hydraulic motor that requires just 6 gallons per minute and 1,200 P.S.I. of pressure
- Top-mounted motor keeps clear of dust and debris for longer life



Extendible downspout from 9' to 14'9" and a 360° rotating elbow for a full 25' reach

More Time Planting Less Time Filling

Unverferth fertilizer cross augers are available for most popular makes and models of 6-, 8-, 12- and 16-row planters with 30" row spacings. For 12- and 16-row models, two separate cross augers that fill at the center of the planter are used.



The sturdy 6" ABS outer tube with molded plastic hopper, drops and doors provides years of dependable use.



A steel mounting frame and 2" x 3" steel bracing keep the auger straight for longer life of all components. Arms on units for 12- and 16-row planters swing to accommodate flex-frame planters.



Powered by a reliable 6-cubic-inch hydraulic motor, the on/off control valve is conveniently positioned by the hopper for easy, one-person operation. The motor performs best with 8 to 12 gpm flow. An optional control valve package for adjustable hydraulic speeds is available.



Corrosion-resistant cupped stainless steel flights enhances durability and minimizes maintenance. Heavy-duty bearings on each end of the auger provide for smooth, quiet movement of the fertilizer and superior flighting life.

See your nearest Unverferth dealer today, visit our website at 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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