

Unverferth®



Unverferth Moves It Fast!

*Fast, complete and flexible
bulk-material handling
from the High IQ* Line*



*** Innovative design • Quality manufacturing**

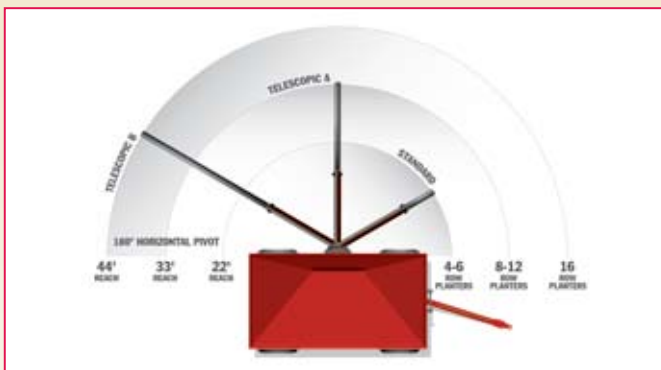
Unload It Fast! Unverferth Gravity Box Augers

Whether you're handling feed, seed, fertilizer or other bulk commodity, whether for center-fill drills or planters, the patented Unverferth gravity box auger helps you unload quickly, effortlessly and precisely. It's a time- and labor-saving tool that makes the entire operation as efficient as can be.



Innovative Design

- The auger's 180° horizontal pivot and 90° vertical adjustment let you unload exactly where you want to, even if there's not a lot of room to maneuver, and creates a tight, flush fit to the side of the box for safer transport. The flexible, 4' neoprene 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.



*Measurements obtained using 16' auger



- 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 for faster unloading.



Standard neoprene downspout

Optional 3-Stage telescoping spout and electronic on/off switch

- The hydraulic motor is mounted at the top of the auger tube for a cleaner operating environment, longer seal life and greater under-hopper clearance.
- The rugged, 6-cubic-inch hydraulic motor needs only eight to 12 gallons of fluid per minute and 1,200 P.S.I. for peak operating efficiency.



- 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.



- The adjustable hopper size makes attachment to a wide variety of gravity box models and sizes quick and convenient. A patented, spring-supported rubber seal fits snugly between the hopper and the wagon box to ensure a leak-free connection during transport.

- Color-coded nylon cords provide quick and convenient on/off control for one-person operation.
- Hydraulic hoses with 3/4" J1C fittings for extended life 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 618 bushels per hour with brush-tip flighting and 810 bushels per hour or 900 pounds of bulk material per minute with stainless steel or steel flighting.
- Steep-sloped hopper design provides optimum box cleanout and flow.
- 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 years of dependable performance.

Quality Manufacturing



- 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.
 - Stainless steel in a plastic tube for fertilizer handling.
 - Cupped ABS plastic in steel tube with interlocking sections for gentle seed handling. Flighting is UV-resistant for longer life.



- 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.

SOS for CCS

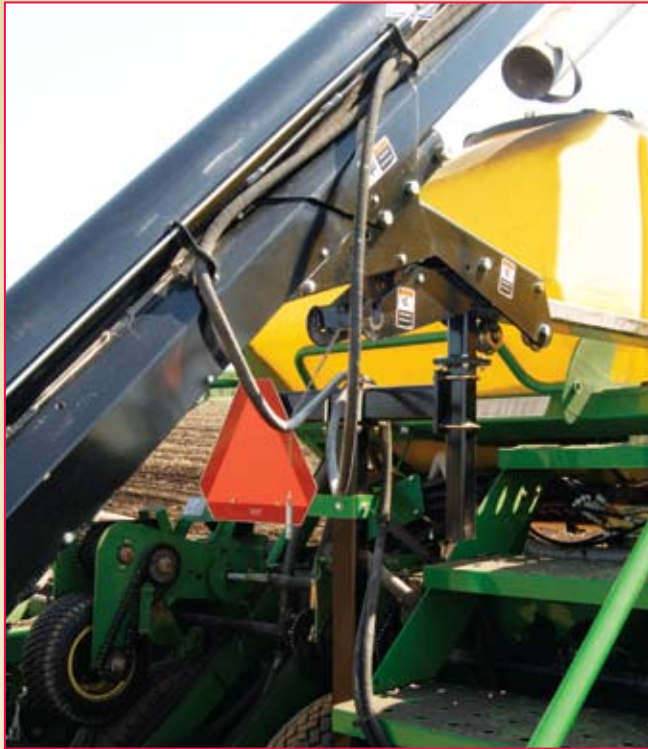
Unverferth Conveyors for CCS Drills and Planters



Give your CCS drill or planter the help it needs this planting season with an Unverferth conveyor. They're the latest innovation from the High IQ* line for maximizing planting efficiency for growers with JD CCS planting systems. Bag or bulk seed is easily moved from the ground-level hopper which makes Constantly Climbing Stairs a distant memory.

- Models are available for 1690, 1890 and 1990 CCS drills and the 1770, 1790 and DB-series CCS planters.
- 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 an 8' telescoping downspout on all models allow for easy, one-person filling of the seedbox from the ground or planter platform. Two-inch vulcanized paddles are spaced 9" apart for carrying large volumes at up to 10 bushels per minute.





- A gas-spring lift-assist allows for easy lifting and sliding of the conveyor into the middle of the planter for transport and off-season storage. Conveyors for drills store across the rear of the drill within its transport width for enhanced roadway safety.
- All Unverferth conveyors feature tubular steel construction for long life and a powder-coat finish to help resist corrosion.



- The collapsible conveyor hopper is fitted with a flip-over lid for minimizing debris accumulation during planting, transport and storage. A clean-out door is standard for easily removing leftover seed when switching varieties.



- Super-gentle, variable-speed conveyors feature an 8" cupped and cleated belt inside a 6" tube to load up to 10 bushels per minute.

Specifications

CCS Drill and Planter Fill Conveyors			
Model	JD 1690/ 1890/1990 CCS	JD 1770/1790 CCS and DB series*	JD 1770/1790 CCS and DB series w/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

* For models with the refuge box option, an auger is recommended.

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

More Time Drilling, Less Time Filling

Unverferth Augers for Conventional and CCS Drills

Unverferth Drill Fill augers fill most seedboxes in ten minutes or less so you spend more time drilling and less time filling. It also eliminates the backbreaking chore of lugging heavy seed sacks on and off the drill platform. All you have to do is load bag or bulk seed into the ground-level hopper and let the Drill Fill do the work.

- Unverferth Drill Fill augers mount easily to most drills, including JD CCS 1990, 1890 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.
- Drill Fills for 15' and 20' Case IH 5400 and 5200, Great Plains 1500 and 2000 series and Tye Series V drills are side-mounted and can be positioned either to the left or right side for greater visibility and convenient loading.
- Rigid, vertical-lift augers feature heavy-duty, 6" steel-tube construction and a powder-coat finish for longest life. The high output, 6-cubic-inch motor works best with a flow rate of 8 to 12 gpm and is top mounted for added durability.
- Three flighting options and an ideal unloading angle ensure the gentlest seed handling. Cupped-steel and cupped-plastic flighting moves seed at up to 10 bushels per minute. The gentler, brush-tip flighting transports seed at 8 bushels per minute.
- The 3-stage, 10' telescoping downspouts allow 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 on the stowage cradle across the rear of the drill for safe, low-profile transport.
- Auger hoppers are fitted with flip-over lids for minimizing debris accumulation during planting, transport and storage. A cleanout door for easy removal of leftover seed when switching varieties is standard.
- 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 tractor 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 for model 1990 CCS in transport position



• Drill Fill for Tye Series V drills in transport position

More Time Planting; Less Time Filling Unverferth Fertilizer Cross Augers



Unverferth fertilizer Cross Augers mean you'll spend more time planting and less time filling fertilizer boxes. 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 keeps the auger straight for longer life of all component parts. 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.



- Corrosion-resistant 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 flights life.

Unverferth Augers				
Tube style	Flighting type			
	Cupped steel	Plastic	Brush tip	Stainless steel
Gravity box — steel tube	✓	✓	✓	
Gravity box — plastic tube				✓
Drill Fill — steel tube	✓	✓	✓	
Cross auger — plastic tube				✓

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See Your Nearest Unverferth Dealer For Complete Details On All High IQ Unverferth Products

The High IQ Ag Wheels Specialists

- Unverferth didn't reinvent wheels for agriculture; we've just been making them better for more than 60 years. It's been our business since 1948 and we do more of it than anybody! That's why we set the standards for the development of high-quality durable agricultural wheels and offer the greatest variety available.



- Direct-axle duals

Kid Glove Seed Handling From The High IQ Line

- For seed handling as gentle as kid gloves, look to the Unverferth tubular-style gravity box conveyor. It easily converts your 400+ bushel gravity wagon to a seed tender and features an 8"-wide cupped and cleated belt inside a 6" steel tube for maximum cushioning as it moves seed to the planter or drill.



- Gravity box conveyor

Tillage Extras from the High IQ Line

- Finish what you start has always been good advice, especially when it comes to seedbed preparation. From smoothing and firming the soil behind a drill for better seed-to-soil contact, to knocking down ridges and breaking up clods behind a primary tillage implement, only Unverferth offers the variety of tillage attachments you need for putting the finishing touches to any tillage or planting operation.



- Double Rolling Harrow® basket attachment



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