



# AUGER GUIDE



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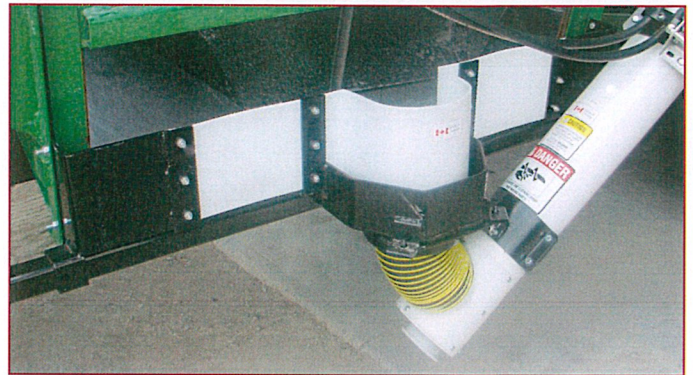


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## AUGERS ULTRA-GLIDE AUGER



The MARKET ULTRA-GLIDE AUGER features a plastic polyethylene hopper which mounts closely to the gravity box door. Easy to clean out, simply remove the 3" threaded plastic cap at the bottom of the auger tube.

The main advantage over the competition is that as the auger is swung from side to side, the auger spout remains pointing downward. This allows proper flow with less chance of plugging. Most competitive augers have spouts that rotate up as the auger is swung from side to side.

All MARKET plastic augers are constructed out of heavy gauge PVC tubing.

The MARKET ULTRA-GLIDE AUGER is available in either 6" or 8" diameter and 12', 14' or 15' lengths.

Options include: 3 stage telescopic downspout, 60" hopper for larger door openings, electric on/off control kits & hydraulic power units.

Mounting kits are available for gravity boxes with a straight door side.

Three types of flighting are available. Plastic (fertilizer), Cupped Plastic (seed) or Cupped Steel (economical, all purpose).



## AUGERS PIVOT AUGER



The MARKET PIVOT AUGER has been around for over 30 years. This auger has a bottom pivot pin & pan style hopper design.

The hopper is easy to clean out. Simply rotate the slide on the bottom of the hopper to expose the drain hole.

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## AUGERS SWIVEL AUGER



The MARKET SWIVEL AUGER features a sump design that allows the hopper to move up & down with the auger. The advantage of this hopper design is maximum ground clearance, especially when mounted on a gravity box unit with implement tires.

The MARKET SWIVEL AUGER mounts equally well on gravity boxes with sloped or straight door sides.

All MARKET plastic augers are constructed out of heavy gauge PVC tubing.

The MARKET SWIVEL AUGER is available in either a 6" or 8" diameter and in 12', 14' or 15' lengths.

Options include: 3 stage telescopic downspout, 60" hopper for larger door openings, electric on/off control kits & hydraulic power units.

Mounting kits are available for gravity boxes with a straight door side.

Three types of flighting are available. Plastic (fertilizer), Cupped Plastic (seed) or Cupped Steel (economical, all purpose).



**Straight Blade Plastic Flighting**

Straight Blade Plastic Flighting will handle all types of materials including corrosive materials such as dry fertilizers with ease, while providing long-term durability even in tough environments. The Plastic Straight Blade Flighting comes mounted on a stainless steel center tube. Plastic Straight Blade Flighting is made from an Extra High Molecular Weight Polyethylene (EHMW), for high-wear applications and is safe for food handling. With all the benefits, it's clear to see why poly flighting is the new industry standard.

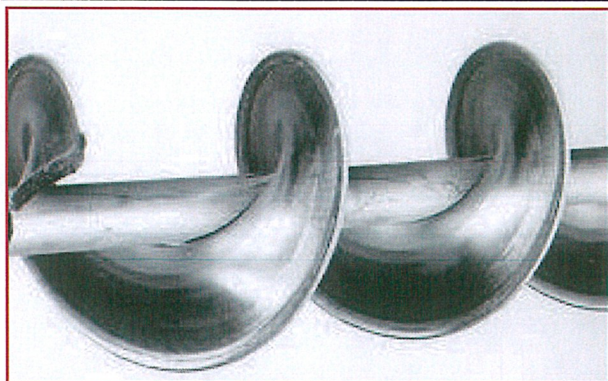
Plastic Cupped Flighting is designed to deliver more intact seed through gentle seed handling. University testing proves that plastic cupped flighting will only decrease germination by 1.5%. The closest rival decreases germination by nearly 4 times as much. Plastic Cupped Flighting delivers noticeably more intact seed to your field. The Plastic Cupped Flighting comes mounted on a galvanized steel center tube.

<https://www.producer.com/2014/01/poly-cup-flighting-gives-tender-seeds-more-tlc/>

<https://www.mssoy.org/uploads/files/handling-bulk-seed-isu.pdf>



**Poly Cupped Flighting**



**Cupped Steel Flighting**

Steel flighting has been around for over 50 years. Cupped Steel Flighting is the simplest and least expensive flighting consisting of a shaft with a cupped steel helicoid. An alternative flighting for moving grains, seed & fertilizer.



## AUGERS

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### REPLACEMENT TUBES & FLIGHTING

#### 6" Gravity Box Auger Tubes

Along with our three styles of GRAVITY BOX AUGERS, MARKET FARM EQUIPMENT offers plastic replacement auger tubes for a number of our competitors augers.

These plastic auger tubes allow you to use most of the auger's existing parts like the flighting, hopper, hoses, winch, motor, valve and in most cases even the 6" downspout.

When replacing both the tube and flighting, lengths can be increased. Standard lengths are 12', 14' & 15'.



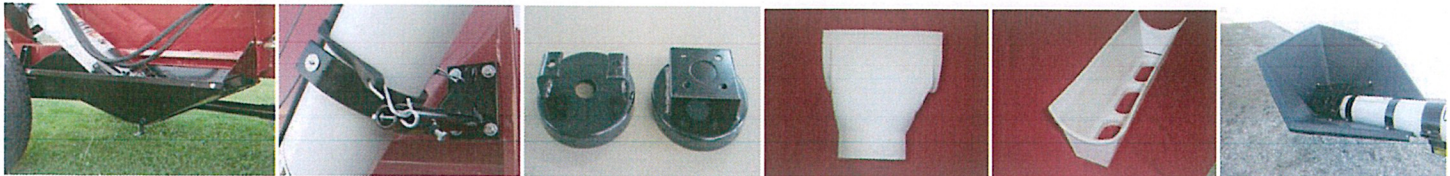
Plastic tubes available for the following steel augers:  
 Market 612, 120 Pivot Style  
 J&M Pivot Style, Uni-Swivel  
 Turnco 12T4, 14T4  
 Killbros 110, 112, 114, 115  
 Unverferth/McCurdy AG-12, AG-14

#### Gravity Box Auger Flighting

Flighting available: (top driven)

	Lengths available:
5-5/8" straight blade plastic.....	12', 14', 15', 18', 20' & 25'
5" cupped plastic.....	12', 14', 15', 18', 20' & 25'
5-5/8" cupped steel.....	12', 14', 15', 18', 20' & 25'
5-5/8" bristle tipped.....	12', 14', 15', 18', 20' & 25'
7" cupped plastic.....	12', 14', 15, 20' & 25'
7-1/2" straight blade plastic.....	12', 14', 15, 20' & 25'
7-1/2" cupped steel.....	12', 14', 15, 20' & 25'
7-1/2" bristle tipped.....	12', 14', 15, 20' & 25'

#### OTHER GRAVITY BOX AUGER PARTS





## AUGERS

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### FOLDING TRUCK AUGER



Sometimes a simple design can be the best, no cumbersome cylinders or levers. The MARKET PLASTIC FOLDING TRUCK AUGER stores vertically on the rear of your truck. Lower to waist height, unfold auger into working position, secure with overcenter clamp and you're ready to go.

The plastic tube is SCH. 40 PVC with a polyethylene spout.

Available in 12' & 14' lengths with plastic or cupped steel flighting.

Quick, quiet and dependable, all quality features of both our 6" and 8" FOLDING TRUCK AUGERS.

Options include: 3 stage telescopic downspout, electric on/off control kits & hydraulic power units.





## AUGERS

### PLANTER CROSS AUGER (fertilizer)



**MARKET PLASTIC CROSS AUGERS** are time saving accessories which allow you to auger bulk fertilizer quickly & easily into your corn planter. Whether you have a simple rigid planter or a more complicated unit like the KINZE 3600 flex planter, MARKET FARM EQUIPMENT makes a cross auger to fit it.

All of our cross augers feature a heavy gauge PVC tube with polyethylene plastic hoppers & drops.

Available in 6" diameter for most 4, 6, 8, 12 & 16 row corn planters. (wide & narrow)

Every planter is different so we build the cross auger to suit your planter. All we need is the center to center measurements of the planter's fertilizer hoppers.





**MARKET PLASTIC CROSS AUGERS** are time saving accessories which allow you to auger bulk seed quickly & easily into your planter.

All of our seed cross augers feature a heavy gauge PVC tube with polyethylene plastic hopper & seed drops c/w shut-off slides.

Available in 6" diameter with cupped plastic flighting.

Every planter is different so we build the cross auger to suit your planter. All we need is the center to center measurements of the planter's seed hoppers.

Planter Cross Augers for seed include offset posts & cross arms. In some applications, sub-frames and/or modifications may be necessary to mount the hardware.



## AUGERS

### TRANSPORT AUGER



Options include: electric on/off control kits, SMV sign c/w mounting bracket, safety chains, light kits, hose kits, hose caddies & hydraulic power units.

Three types of flighting are available. Plastic (fertilizer), Cupped Plastic (seed) or Cupped Steel (economical, all purpose).

Too many gravity boxes and not enough augers? The MARKET PLASTIC TRANSPORT AUGER is the answer to that problem.

Towed behind a gravity box, this auger can be used for whatever needs you have, whether it's filling the fertilizer hoppers on your corn planter or seed into your grain drill.

The 3 stage telescoping downspout goes from 7' to 17' giving you maximum reach without having to move your gravity boxes.

The brake winch allows you to set your height for filling.

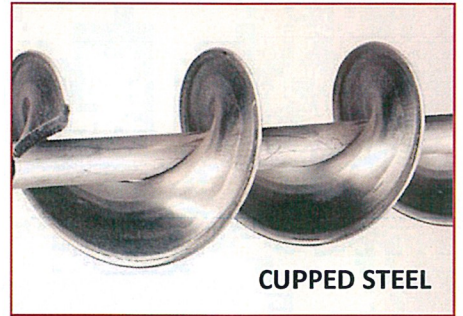
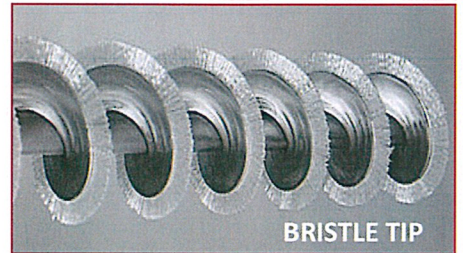
6" diameter augers are available in 20', 25' & 30' lengths.

8" diameter augers are available in 20' & 25' lengths.



## AUGERS

### TRANSPORT AUGER



DIA. & LENGTH	MAX. DISCHARGE HEIGHT	MIN. DISCHARGE HEIGHT	TRANSPORT HEIGHT	TRANSPORT LENGTH	MOTOR SIZE
6" X 20'	13'3"	10'11"	9'8"	21'10"	6 CUBIC INCH
6" X 25'	15'7"	9'6"	7'8"	26'10"	6 CUBIC INCH
6" X 30'	16'1'	9'6"	9'4"	32'	10 CUBIC INCH
8" X 20'	13'3"	10'9"	9'10"	23'	10 CUBIC INCH
8" X 25'	15'7"	9'4"	7'10"	28'	10 CUBIC INCH

**6" AUGER CAPACITIES:**  
 CORN/SOYBEAN..15 BUSH. PER MINUTE  
 FERTILIZER...1,000 LBS. PER MINUTE

**8" AUGER CAPACITIES:**  
 CORN/SOYBEAN..27 BUSH. PER MINUTE  
 FERTILIZER...1,700 LBS. PER MINUTE

## AUGERS DRILL FILL SYSTEMS



The MARKET PLASTIC DOUBLE AUGER SYSTEM features both a cross auger & vertical auger which is ideal for a one person operation. The cross auger fills each compartment of the seed drill allowing you to be at the gravity box door for seed treatment and volume control. The cross auger can also be filled with a gravity box auger.

Two types of flighting are available. 5" Cupped Plastic (seed) or 5-5/8" Cupped Steel (economical, all purpose).

The cross auger pivots out of the way to allow access to the lids for opening & closing.

Both augers feature a 6 cubic inch motor & valve and can be plumbed in series so that only one set of hydraulic remotes are required.



**Our Market Single Auger Seed-Fill is designed to store within the transport width of the seed drill & swings out to a fill position. The auger remains stationary while the telescoping 3 stage downspout allows easy reach to the seed compartments.**

**Flighting options include 5" cupped plastic & 5-5/8" cupped steel flighting.**

**Cupped plastic and cupped steel flighting are the preference of most seed growers. They tend to empty completely allowing for different seed varieties to be moved without contamination.**



## AUGERS OTHER AUGERS



The Market Transfer Auger is ideal for high moisture corn. It was originally designed to fill auger legs and blowers where tight fits are a problem.

The tube is a heavy gauge PVC with a polyethylene hopper.

The Market Transfer Auger is available in either a 6" or 8" diameter & in 10' or 12' lengths. Maximum discharge height is 50" for the 10' & 60" for the 12'.

The MARKET PORTABLE SINGLE AUGER SEED-FILL is available as a complete auger or you can purchase just the undercarriage to convert your existing 14' or 15' drill mounted unit over to a portable unit. Trading in your old no-till drill for a newer one? No problem. The undercarriage kit allows you to keep your fill auger for other uses as well as filling your new seed drill or planter.

The undercarriage kit can also be used to convert existing 14' or 15' MARKET PLASTIC GRAVITY BOX AUGERS over to a portable unit. You will need to purchase a vertical auger hopper and a telescoping downspout if required.



Our MARKET PLASTIC UTILITY AUGERS are custom built augers to suit your needs. Plastic is ideal for corrosive materials such as salt, waste or fertilizer.

Available in 6" & 8" diameters.

Electric or hydraulic drive kits. (Electric drive kits are less motor)

Available with plastic, cupped plastic and cupped steel flighting.

Various options include fill hoppers, wheeled under carriages, support channels & downspouts.





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