

## X SERIES

SWING AWAY AUGERS



# Augers You Can Trust

AGI is committed to providing farmers with augers they can rely on.

The X Series is the latest addition to the AGI Portable Handling line. With a precision engineered, commercial strength, scissor-lift frame and low profile hopper, the X Series offers unmatched serviceability and X-treme durability.

## Durable

The X Series features a powder coat paint to protect the finish and reduce rusting over time. Wear Edge Technology™ has been added to the flighting at critical wear points, giving the flighting an extra layer of steel so it lasts longer and needs to be replaced less often.

## Efficient

The X Series uses square, one-bolt flight connections to ensure the flighting maintains proper alignment for smooth operation. The upper flight thrust adjuster equalizes the pressure between the upper and lower bearings during operation. This extends the life of the lower boot bearing. The CV PTO reduces vibration and provides maximum power transfer to the auger in order to maintain the life of the unit without sacrificing capacity. The large boot and tapered boot flight maximize auger capacity at all angles by efficiently channeling grain from the hopper into the auger.

## Convenient

The removable slip-on boot flight uses Wear Edge Technology™ and can be quickly replaced without having to remove and replace the entire lower flight. The X Series features six easily accessible service points to allow for quick maintenance of U-joints, chains, bearings, and gearboxes. The U-joint end caps have external grease zerks, making it easy to service and maintain. Tool-free inspection areas include, the hopper chain cover, neck transition, boot clean-out and swing head cover. The large clean-out, service points, and access panels allow for fast and efficient auger cleaning and servicing.

## FEATURES

### Powder Coat Paint

AGI uses a premium powder coat on all painted parts for durability and a great looking finish that lasts and repels rust.

### Grease Zerks

External grease zerks on all U-joints for ease-of-maintenance.

### Wear Edge Technology™

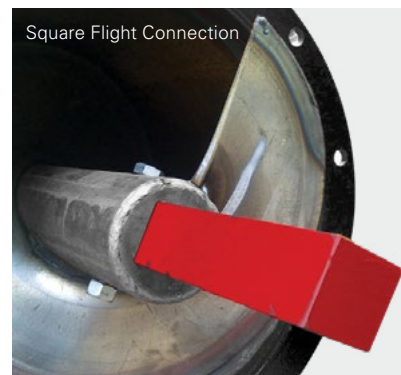
Continuous 10 GA steel is welded to the flighting edge where most of the wear occurs to extend the life of the flighting. Standard on all AGI augers at critical grain transfer points, including the hopper, boot and incline flight.

### Tapered Boot

The large boot and tapered boot flight maximize auger capacity at all angles by efficiently channeling grain from the hopper into the auger.

### Square Flight Connection

Square, one-bolt flight connections provide improved performance through positive torque transfer.



# X10 & X13

**X10** up to 6,600 BPH | 63' 73' 83' **X13** up to 11,000 BPH | 74' 84' 94' 114'

## Trussing & Frame

The X Series uses a scissor lift frame with cross members to maximize reach and reduce swaying, keeping the auger in place once it has been positioned at the bin. Heavy-duty cable trussing is used on smaller models. However, for longer, heavier models, AGI uses commercial strength steel trussing. Trussing acts like the backbone of the auger and keeps the tube and flighting aligned, making set up at the bin easy.

## Hopper + Hopper Lift Arm

The low profile hopper features left and right hand flighting to pull grain toward the center of the hopper so it flows efficiently up into the tapered boot – maximizing capacity and minimizing unload time. The 6" rubber extension along the edge of the hopper prevents grain from splashing. The hopper lift arm and hopper can be positioned on the left or right hand side of the auger, offering the convenience of unloading from either side.

## OPTIONAL FEATURES

### Hopper Options

A hydraulic or remote Power Swing is available for the X10 and X13. The GULP<sup>2</sup> drive over hopper is available for the X13.

### Hydraulic Hopper Winch

The hydraulic hopper winch allows the user to raise and lower the auger with ease.

### Working Light Kits

When the sun goes down, LED working lights provide enhanced lighting conditions at the hopper, axle, and tube discharge to bin.

### Right Angle Drive

When working in a small space, the right angle drive allows the auger to be positioned at a 90-degree angle from the truck.

### Reducer-Reverser

Required for 1,000 RPM tractors to reduce the speed to 540 RPM required for an auger.

The reversing feature allows the flight direction to be reversed for quick and easy clean-out, saving time when moving from one commodity to the next. The reverser kit is also available on its own, without the speed reducer.



540 Reverser Kit



1000 RPM Reducer-Reverser





# X16

**X16** up to 23,000 BPH | 85' 105' 125'

## Trussing & Frame

Large farm and commercial operations require heavy-duty, high capacity augers to get the job done fast. The X16 is designed to withstand the stress of wear and tear caused by high-volume grain handling. The industry leading steel trussing provides strength and stability to keep the auger and flighting straight and prevents bowing. This makes it easier to position and line the spout up with the bin cap opening. The A-frame works with the wide standing, extendable axles to keep the auger in position, while providing full bin reach.

## Hopper + Hopper Lift Arm

For added convenience, the heavy-duty, high capacity X16 comes with an electric remote swing hopper. This allows for hopper positioning without leaving the cab or readjusting the truck – saving time with every load. The hopper lift arm and hopper can be positioned on the left or right hand side of the auger, offering the convenience of unloading from either side.

## Maximum Capacity

Triple flighting in the hopper work with the tapered transition and boot to maximize capacity at all working angles by channeling the grain from the hopper to the auger.

## Reducer-Reverser

Required for 1,000 RPM tractors to reduce the speed to 540 RPM required for an auger. The reversing feature allows the flight direction to be reversed for quick and easy clean-out, saving time when moving from one commodity to the next.

## OPTIONAL FEATURES

### Working Light Kits

When the sun goes down, LED working lights provide enhanced lighting conditions at the hopper, axle and tube discharge to bin.



# Power Swing

## Hydraulic and Electric Remote

### Hydraulic Hopper Winch

Get the job done faster with AGI's Power. Available in 12V Electric or Hydraulic drive and features:

- Two-wheel drive design and large lug tires for maximum traction and balance
- Mounts easily to X Series low profile hopper
- Minimal height adjustment needed when using different heights
- Redesigned scissor lift to adjust wheel traction



### Hydraulic Power Swing

- Hydraulic drive moves the swing hopper
- Convenient tube mounted control valve
- Complete with hydraulic hoses



### Remote 12V Electric Power Swing

- Heavy-duty 12V motor
  - Position hopper from cab of truck
  - Large "easy grip" remote
- \*Standard on the X16



# GULP<sup>2</sup>

**X13** up to 11,000 BPH | 74'-114'

### Drive Over Hopper

The GULP<sup>2</sup> transports with your X13 auger and is easy to deploy, without having to detach or reposition multiple pieces of equipment. The GULP<sup>2</sup> has a drive over height of just 4.5" and a large catchment area. The GULP<sup>2</sup> is designed to match the X13 auger capacity. The GULP<sup>2</sup> features precise placement at your fingertips. In most cases you only need to get out of your truck once for unloading. The hydraulically controlled power swing raises, lowers and positions the GULP<sup>2</sup> with minimal time and energy. The system comes fully integrated and ready to use.



# X-Tend

## Retracting Swing Auger

AGI's retracting swing auger offers the convenience of being able to extend, swing side-to-side and retract, without having to move or reposition the truck. The X-Tend was designed to work with the X13 and X16. It's fast and convenient!

### FEATURES

- Low profile hopper positions under grain trailers with ease
- Hydraulic power swing with large lug tires, allow for precise positioning and maximum traction
- Dual flighting channels grain flow into the swing tube matching the capacity of your X13 or X16 auger



### X-TEND

	13	16
STROKE	9' (2.7 m)	9' (2.7 m)
WORKING RETRACTION	20" (50.8 cm)	24" (61 cm)
MAIN FLIGHT THICKNESS	0.25" (0.6 cm)	0.25" (0.6 cm)
CORE DIAMETER	2.375" (6 cm) OD	2.375" (6 cm) OD
TRANSITION FLIGHT THICKNESS	0.25" (0.6 cm)	0.25" (0.6 cm)
TUBE LENGTH	17' (5.2 m)	17' (5.2 m)
HYDRAULIC CONTROLS	3-way, mounted on swing tube	3-way, mounted on swing tube
POWER EXTEND	Yes	Yes
MECHANICAL DRIVE	Yes	Yes



Once a grain trailer is in position, the swing tube is extended. The power swing moves the low profile hopper side-to-side, reaching the truck hoppers with ease. The X-Tend then retracts to allow grain trailers to drive away.



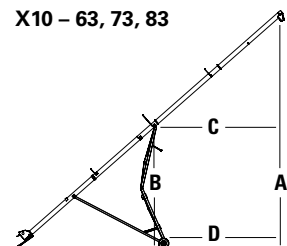
# X10

	X10-63	X10-73	X10-83
TUBING GAUGE	12 GA		
TUBE CONNECTORS	Heavy-duty $\frac{3}{16}$ " (0.6 cm) Angle Flange		
MAIN FLIGHTING	9" (22.9 cm) OD x 7 GA Stretched + Welded with Wear Edge Technology™ on Critical Points		
WEAR EDGE TECHNOLOGY™ (REINFORCED FLIGHT)	Hopper, Boot + Inclined Tube feature 10 GA Ribbon Weld, Wear Edge Technology™		
FLIGHTING SHAFT	High Strength 2" (5.1 cm) OD x 11 GA Tubing		
UPPER BEARING	1 $\frac{1}{4}$ " (3.2 cm) Pillow Block Greaseable Ball Bearing		
LOWER BEARING	1 $\frac{1}{2}$ " (3.8 cm) Pillow Block Greaseable Ball Bearing		
TUBE TRUSSING	$\frac{3}{8}$ " (1 cm) Aircraft Type Galvanized Steel Cable		
HYDRAULIC LIFT	4" (10.2 cm) Single Acting Cylinder		
UNDERCARRIAGE	4" x 8" (10.2 x 20.3 cm) Scissor Lift		
AXLE	3" x 6" (7.6 x 15.2 cm) Tubing		
HUB	6-Bolt Agricultural Type		
TIRES	16" (40.6 cm) TRF		
PTO SHAFT	14E Constant Velocity with One Shear Bolt		35E Constant Velocity with One Shear Bolt
PARKING JACK	2,000 lbs. (907.2 kg) Side Wind		
SPROCKET + CHAIN	#60		
LOW PROFILE HOPPER DIMENSIONS	60" Length x 48" Width x 10 $\frac{1}{2}$ " Height with Flat Free Tires (152.4 cm L x 121.9 cm W x 26.7 cm H)		
PSI REQUIRED TO RAISE AUGER	1200 PSI (82.7 bar)	1400 PSI (96.5 bar)	1600 PSI (110.3 bar)
HP REQUIRED (WITH DRY WHEAT)	60 HP (44.7 kW)	65 HP (48.5 kW)	75 HP (55.9 kW)
WHEEL TREAD	132" (335.3 cm)	132" (335.3 cm)	132" - 180" (335.3 - 457.2 cm)
TRANSPORT HEIGHT	13' 8" (4.2 m)	13' 4" (4.1 m)	13' 4" (4.1 m)

## HEIGHT | REACH | WHEEL | SPECIFICATIONS

	A			B			C			D		
	HEIGHT LOWERED	HEIGHT HALFWAY	HEIGHT RAISED	HEIGHT LOWERED	HEIGHT HALFWAY	HEIGHT RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED
<b>X10-63</b>	12' (3.7 m)	28' 2" (8.6 m)	43' 7" (13.3 m)	6' 9" (2.1 m)	14' 8" (4.5 m)	22' 5" (6.8 m)	32' (9.8 m)	29' 4" (8.9 m)	24' 2" (7.4 m)	31' 4" (9.6 m)	28' 10" (8.8 m)	23' 4" (7.1 m)
<b>X10-73</b>	11' 2" (3.4 m)	30' (9.1 m)	47' 10" (14.6 m)	6' 9" (2.1 m)	16' 4" (5 m)	25' 4" (7.7 m)	36' (11 m)	33' 4" (10.2 m)	28' (8.5 m)	35' 3" (10.7 m)	32' 11" (10 m)	27' 9" (8.5 m)
<b>X10-83</b>	11' 8" (3.6 m)	34' 2" (10.4 m)	55' 3" (16.8 m)	6' 9" (2.1 m)	18' 1" (5.5 m)	28' 6" (8.7 m)	41' 9" (12.7 m)	38' 7" (11.8 m)	32' 1" (9.8 m)	40' 11" (12.5 m)	37' 5" (11.4 m)	29' 10" (9.1 m)

Heights measured from bottom of auger spout to ground.





X13

	X13-74	X13-84	X13-94	X13-114
TUBING GAUGE	12 GA			
TUBE CONNECTORS	Heavy-duty ¼" (0.6 cm) Angle Flange			
MAIN FLIGHTING	11 ¾" (29.9 cm) OD x ¼" (0.6 cm) Stretched + Welded Wear Edge Technology™ on Critical Transfer Points)			
WEAR EDGE TECHNOLOGY™ (REINFORCED FLIGHT)	Hopper, Boot + Incline Tube			
FLIGHTING SHAFT	High Strength 3" (7.6 cm) OD x 11 GA Tubing Square Flight Connection			
UPPER BEARING	1 ¾" (4.5 cm) Pillow Block Greaseable Ball Bearing			
LOWER BEARING	2" (5.1 cm) Pillow Block Greaseable Ball Bearing			
TUBE TRUSSING	¾" (1 cm) Aircraft Type Galvanized Steel Cable	2 ½" (6.4 cm) Steel Tube		Combination 3" (7.6 cm) x 11 GA Steel Tubing 8 ¾" (22.2 cm) Galv. Cable
HYDRAULIC LIFT	Two 4" (10.2 cm) Single Acting Cylinders		Two 4 ½" (11.4 cm) Single Acting Cylinders	Two 4 ½" (11.4 cm) Single Acting Cylinders with ¾" (1 cm) aircraft cable
UNDERCARRIAGE	4" x 8" (10.2 x 20.3 cm) Scissor Lift			A-Frame 4" x 8" (10.2 x 20.3 cm) HSS Tubing
AXLE	3" x 6" (7.6 x 15.2 cm) Tubing			
HUB	6-Bolt Agricultural Type			
TIRES	16" (40.6 cm) TRF			
PTO SHAFT	35E Constant Velocity with ¾" (1 cm) Shear Bolt		55E Constant Velocity with 2-Bolt Shear	
PARKING JACK	5,000 lbs. (2,268 kg) Side Wind			
SPROCKET + CHAIN	Hardened Tooth Sprocket with HD #80 Chain			
LOW PROFILE HOPPER DIMENSIONS	60" Length x 48" Width x 10 ½" Height with Flat Free Tires (152.4 cm L x 121.9 cm W x 26.7 cm H)			
PSI REQUIRED TO RAISE AUGER	1500 PSI (103.4 bar)	1950 PSI (134.4 bar)	2050 PSI (141.3 bar)	2100 PSI (144.8 bar)
HP REQUIRED (WITH DRY WHEAT)	125 HP (93.3 kW)	135 - 155 HP (100.7 - 115.6 kW)	145 - 165 HP (108.1 - 123 kW)	165 - 185 HP (123 - 138 kW)
WHEEL TREAD	146" - 182" (370.8 - 462.3 cm)			
TRANSPORT HEIGHT	11' 7" (3.5 m)	12' (3.7 m)	13' 4" (4.1 m)	14' 5" (4.4 m)

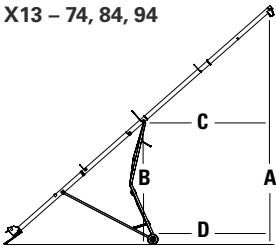
HEIGHT | REACH | WHEEL | SPECIFICATIONS

	A			B			C			D		
	HEIGHT LOWERED	HEIGHT HALFWAY	HEIGHT RAISED	HEIGHT LOWERED	HEIGHT HALFWAY	HEIGHT RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED
X13-74	9' 2" (2.8 m)	25' 8" (7.8 m)	48' 8" (14.8 m)	4' 6" (1.4 m)	12' 7" (3.8 m)	24' 4" (7.4 m)	38' 7" (11.8 m)	36' 9" (11.2 m)	29' 7" (9 m)	38' 7" (11.8 m)	36' 7" (11.2 m)	28' 1" (8.6 m)
X13-84	9' 5" (2.9 m)	30' (9.1 m)	55' (16.8 m)	4' 6" (1.4 m)	15' 9" (4.8 m)	27' 5" (8.4 m)	43' 9" (13.3 m)	41' 3" (12.6 m)	34' 8" (10.6 m)	43' 9" (13.3 m)	41' (12.5 m)	34' (10.4 m)
X13-94	9' 2" (2.8 m)	34' 4" (10.5 m)	60' 1" (18.3 m)	4' 6" (1.4 m)	17' 1" (5.2 m)	30' (9.1 m)	49' (15 m)	46' 6" (14.2 m)	38' 5" (11.7 m)	49' (15 m)	46' 3" (14.1 m)	37' 7" (11.5 m)

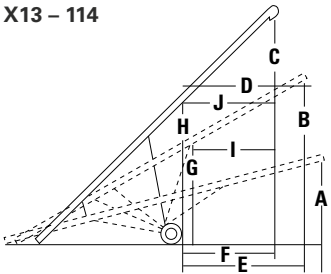
	A	B	C	D	E	F	G	H	I	J
	HEIGHT LOWERED	HEIGHT HALFWAY	HEIGHT RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED	HEIGHT AT LIFTARMS	HEIGHT AT WHEELS	REACH TO LIFTARMS	REACH TO WHEELS
X13-114	12' 2" (3.7 m)	40' 5" (12.3 m)	67' 9" (20.7 m)	55' (16.8 m)	52' 4" (16 m)	45' (13.7 m)	27' 9" (8.5 m)	36' 2" (11 m)	35' 4" (10.8 m)	45' 3" (13.8 m)

Heights measured from bottom of auger spout to ground.

X13 – 74, 84, 94



X13 – 114

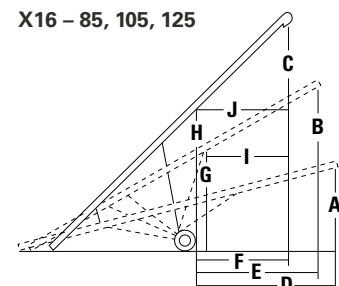


# X16

	X16-85	X16-105	X16-125
TUBING GAUGE	10 GA		
TUBE CONNECTORS	¼" (0.6 cm) Angle Flange		
MAIN FLIGHTING	15.5" (39.4 cm) OD x ¼" (0.6 cm) Stretched + Welded		
WEAR EDGE TECHNOLOGY™ (REINFORCED FLIGHT)	¼" (0.6 cm) Main Flighting with Wear Edge Technology™ on Critical Grain Transfer Points (Boot Flight: ¼" (0.6 cm) plus 10 GA Wear Edge Technology™ = 5/16" (0.8 cm))		
FLIGHTING SHAFT	3.5" (8.9 cm) x 11 GA Tubing; Square Flight Connector		
UPPER BEARING	2" (5.1 cm) Pillow Block Greaseable Ball Bearings		
SPEED REDUCER	Enclosed, Cast Casing, 1000 RPM Reducing Gearbox (540 RPM) with Reversing Capability		
TUBE TRUSSING	3.5" (8.9 cm) x 11 GA Tubing; ½" (1.3 cm) Cable Stays		
HYDRAULIC LIFT	3 x 4" (10.2 cm) Bore Cylinders; 3/8" (1 cm) Aircraft Cable		2 x 6.5" (16.5 cm) Bore Cylinders; ½" (1.3 cm) Aircraft Cable
UNDERCARRIAGE	4" x 8" (10.2 x 20.3 cm) HSS Tubing		
AXLE	4" x 4" x 3/16" (10.2 x 10.2 x 0.5 cm) Tubing; 4" x 4" x ¼" (10.2 x 10.2 x 0.6 cm) on Extensions		
HUB	8-Bolt Agricultural Type		
TIRES	22.5" (57.2 cm) Agricultural Tires		
PTO SHAFT	55E Double CV with 2-Bolt Shear		
PARKING JACK	12,000 lbs. (5443.1 kg) Drop Leg		
LOW PROFILE HOPPER DIMENSIONS	46" Width x 68" Length x 11" Height (6" Rubber) (116.8 cm W x 172.7 cm L x 27.9 cm H) (15.2 cm Rubber)		
PSI REQUIRED TO RAISE AUGER	1800 PSI (124.1 bar)	1700 PSI (117.2 bar)	2000 PSI (137.9 bar)
HP REQUIRED (WITH DRY WHEAT)	175 HP (130.5 kW)	200 HP (149.1 kW)	225 HP (167.8 kW)
WHEEL TREAD	148" - 182" (375.9 - 462.3 cm)		
TRANSPORT HEIGHT	14' 5" (4.4 m)	13' 8" (4.2 m)	15' (4.6 m)

	A	B	C	D	E	F	G	H	I	J
	HEIGHT LOWERED	HEIGHT HALFWAY	HEIGHT RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED	HEIGHT AT LIFTARMS	HEIGHT AT WHEELS	REACH TO LIFTARMS	REACH TO WHEELS
<b>X16-85</b>	12' 3" (3.7 m)	32' 3" (9.8 m)	59' 2" (18 m)	45' 6" (13.9 m)	43' 3" (13.2 m)	35' 7" (10.9 m)	20' 5" (6.2 m)	26' 3" (8 m)	26' 2" (8 m)	33' 6" (10.2 m)
<b>X16-105</b>	10' 7" (3.2 m)	41' 9" (12.7 m)	75' 6" (23 m)	52' 9" (16.1 m)	49' 9" (15.2 m)	41' 11" (12.8 m)	26' 4" (8 m)	32' 5" (9.9 m)	32' 9" (10 m)	41' 7" (12.7 m)
<b>X16-125</b>	14' (4.3 m)	47' 5" (14.5 m)	86' (26.2 m)	66' 11" (20.4 m)	62' 1" (18.9 m)	49' 3" (15 m)	33' 4" (10.2 m)	38' 10" (11.8 m)	42' 7" (13 m)	53' 8" (16.4 m)

**Disclaimer:** This auger was proudly designed to handle dry, free-flowing grains up to a maximum density of 65 lb/bu (52 lb/cf). Any usage of this auger outside of this is not authorized by AGI



Heights measured from bottom of auger spout to ground.





AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, India and Italy and distributes its products globally.



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