

WHEATHEART 



WHY BUY WHEATHEART?

WHEATHEART IS COMMITTED TO PROVIDING FARMERS WITH AUGERS THEY CAN TRUST.

The X Series features over 75 proven performance enhancements. With a precision engineered, commercial strength, scissor-lift frame and redesigned hopper, the X Series offers unmatched serviceability and X-treme durability.

WHEATHEART IS AN AG GROWTH INTERNATIONAL BRAND.

Ag Growth International (AGI) is a leading manufacturer of grain and fertilizer handling, storage and conditioning equipment. Our brands are amongst the most recognized in the industry. The AGI product catalog includes portable handling equipment (augers, belt conveyors, grain vacs), permanent handling systems (bucket elevators, enclosed belt conveyors, chain conveyors, structural) and storage systems (aeration, drying, bins/silos) that service the grain, fuel and fertilizer sectors for on-farm and commercial operations.

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 an extra layer of steel that is welded to the edge of the flighting 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.

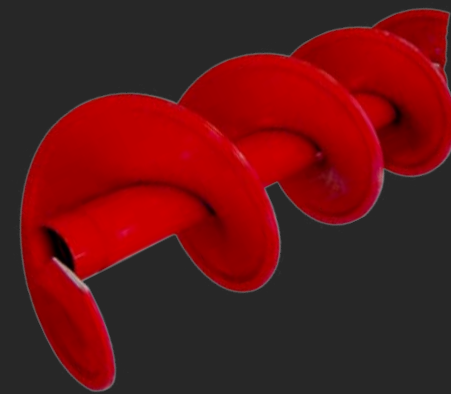
CONVENIENT

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.

X SERIES FEATURES

WEAR EDGE TECHNOLOGY™

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



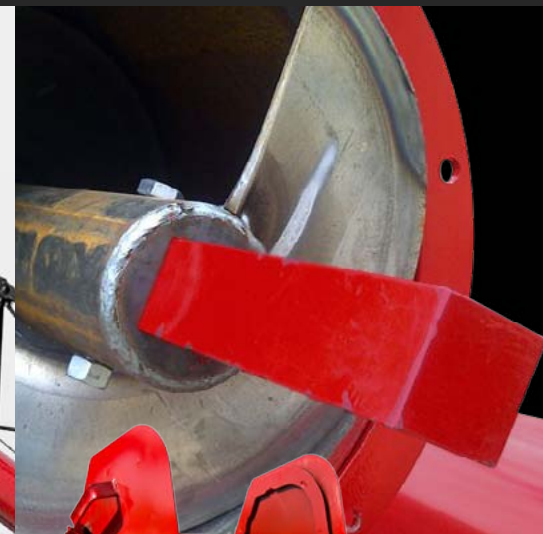
POWDER COAT PAINT

Wheatheart uses a premium powder coat on all painted parts for durability and a great looking finish.



SQUARE FLIGHT CONNECTION

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



GREASE ZERKS

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



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.



X100+ X130

X100 63' 73' 83'
X100 UP TO 6,600 BPH

X130 74' 84' 94' 114'
X130 UP TO 11,000 BPH

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, Wheatheart 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.

HOPPER OPTIONS

A hydraulic or remote Power Swing is available for the X100 and X130. The GULP2 drive over hopper is available for the X130.

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.

TRANSPORT LIGHT KITS

Increases auger visibility during transportation.

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 cleanout, saving time when moving from one commodity to the next. The reverser kit is also available on its own, without the speed reducer.

OPTIONAL FEATURES





X160 85' 105' 125'
X160 UP TO 23,000 BPH

TRUSSING + FRAME

Large farm and commercial operations require heavy-duty, high capacity augers to get the job done fast. The X160 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.

ELECTRIC POWER SWING + HOPPER LIFT ARM

For added convenience, the heavy-duty, high capacity X160 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.

The GULP2 drive over hopper is also available.

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 cleanout, saving time when moving from one commodity to the next.

WORKING LIGHT KITS

LED lights provide safe working conditions when the sun goes down. When placed at the discharge end, grain flow can be monitored to avoid spillage.

TRANSPORT LIGHT KITS

Increases auger visibility during transportation.



OPTIONAL FEATURES



POWER SWING

HYDRAULIC HOPPER WINCH

Get the job done faster with Wheatheart's newly designed Power Swing. 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
- Secondary control on tube if remote is not available

*Standard on the X160

HYDRAULIC + ELECTRIC REMOTE



GULP₂

GULP₂ DRIVE OVER HOPPER

X130
UP TO 11,000 BPH
74' – 114' LENGTHS

X160
UP TO 23,000 BPH
85' – 125' LENGTHS

The GULP2 transports with your X auger and is easy to deploy, without having to detach or reposition multiple pieces of equipment. The GULP2 has a drive over height of just 4.5" and a large catchment area. The GULP2 is designed to match the X auger capacity. The GULP2 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 GULP2 with minimal time and energy. The system comes fully integrated and ready to use.



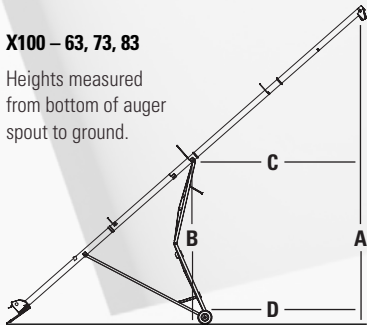


AUGER SPECIFICATIONS

	X100-63	X100-73	X100-83
TUBING GAUGE	14 GA		
TUBE CONNECTORS	Heavy-duty 3⁄16" Angle Flange		
MAIN FLIGHTING	9" OD x 7 GA Stretched + Welded with Wear Edge™ at Critical Points		
WEAR EDGE™ (REINFORCED FLIGHT)	Hopper, Boot + Inclined Tube feature 10 GA Ribbon Weld, Wear Edge Technology™		
FLIGHTING SHAFT	High Strength 2" OD x 11 GA Tubing		
UPPER BEARING	1 ¼" Pillow Block Greaseable Ball Bearing		
LOWER BEARING	1 ½" Pillow Block Greaseable Ball Bearing		
TUBE TRUSSING	3⁄8" Aircraft Type Galvanized Steel Cable		
HYDRAULIC LIFT	4" Single Acting Cylinder		
UNDERCARRIAGE	4" x 8" Scissor Lift		
AXLE	3" x 6" Tubing		
HUB	6-Bolt Agricultural Type		
TIRES	16" TRF		
PTO SHAFT	14E Constant Velocity with One Shear Bolt		35E Constant Velocity with One Shear Bolt
PARKING JACK	2000 LB side wind		
SPROCKET + CHAIN	#60		
LOW PROFILE HOPPER HEIGHT	10.5"		
PSI REQUIRED TO RAISE AUGER	1200 PSI	1400 PSI	1600 PSI
HP REQUIRED (WITH DRY WHEAT)	60 HP	65 HP	75 HP
WHEEL THREAD	132"	132"	132" - 180"
TRANSPORT HEIGHT	13' 8"	13' 4"	13' 4"

HEIGHT, REACH + WHEEL SPECIFICATIONS

	HEIGHT (A)			HEIGHT (B)			REACH (C)			REACH (D)		
	LOWERED	HALFWAY	RAISED	LOWERED	HALFWAY	RAISED	LOWERED	HALFWAY	RAISED	LOWERED	HALFWAY	RAISED
X100-63	12'	28' 2"	43' 7"	6' 9"	14' 8"	22' 5"	32'	29' 4"	24' 2"	31' 4"	28' 10"	23' 4"
X100-73	11' 2"	30'	47' 10"	6' 9"	16' 4"	25' 4"	36'	33' 4"	28'	35' 3"	32' 11"	27' 9"
X100-83	11' 8"	34' 2"	55' 3"	6' 9"	18' 1"	28' 6"	41' 9"	38' 7"	32' 1"	40' 11"	37' 5"	29' 10"



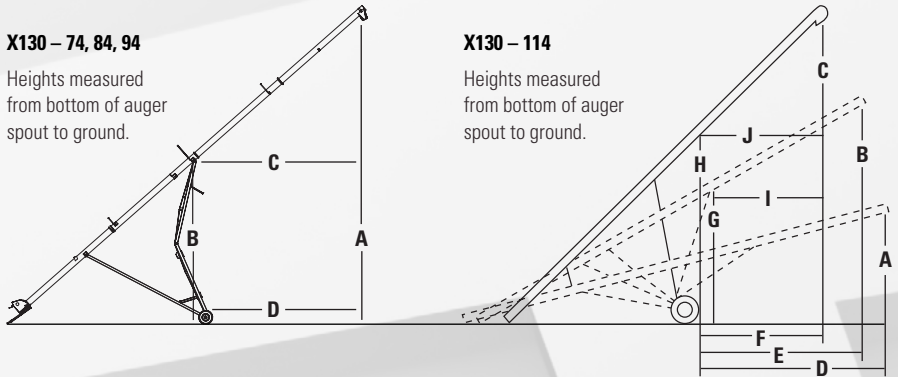
AUGER SPECIFICATIONS

	X130-74	X130-84	X130-94	X130-114
TUBING GAUGE	12 GA			
TUBE CONNECTORS	Heavy Duty ¼" Angle Flange			
MAIN FLIGHTING	11 ¾" OD x ¼" Stretched + Welded (Wear Edge™ at Critical Transfer Points)			
WEAR EDGE™ (REINFORCED FLIGHT)	Hopper, Boot + Incline Tube			
FLIGHTING SHAFT	High Strength 3" OD x 11 GA Tubing Square Flight Connection			
UPPER BEARING	1 ¾" Pillow Block Greaseable Ball Bearing			
LOWER BEARING	2" Pillow Block Greaseable Ball Bearing			
TUBE TRUSSING	⅜" Aircraft Type Galvanized Steel Cable	2 ½" Steel Tube		Combination 3" x 11 GA Steel Tubing 8 ¾" Galvanized Cable
HYDRAULIC LIFT	Two 4" Single Acting Cylinders		Two 4 ½" Single Acting Cylinders	A-Frame 4"x 8" HSS Tubing
UNDERCARRIAGE	4" x 10" Scissor-Lift			
AXLE	4" x 4" Square Tubing			4" x 8" HSS Tubing
HUB	6 Bolt Agricultural Type			
TIRES				
PTO SHAFT	35E Constant Velocity with ⅜" Shear Bolt	55E Constant Velocity with 2-Bolt Shear		
PARKING JACK	5000 LB Side Wind			
SPROCKET + CHAIN	Hardened Tooth Sprocket with HD #80 Chain			
LOW PROFILE HOPPER HEIGHT	60" Length x 48" Width x 10 ½" Height with Flat Free Tires			
PSI REQUIRED TO RAISE AUGER	1500 PSI	1950 PSI	2050 PSI	2100 PSI
HP REQUIRED (WITH DRY WHEAT)	125 HP	135 - 155 HP	145 - 165 HP	165 - 185 HP
WHEEL TREAD	146"-182"			
TRANSPORT HEIGHT	11' 7"	12'	12'	14' 5"

HEIGHT, REACH + WHEEL SPECIFICATIONS

	HEIGHT (A)			HEIGHT (B)			REACH (C)			REACH (D)		
	LOWERED	HALFWAY	RAISED	LOWERED	HALFWAY	RAISED	LOWERED	HALFWAY	RAISED	LOWERED	HALFWAY	RAISED
X130-74	9' 2"	25' 8"	48' 8"	38' 7"	36' 7"	28' 1"	4' 6"	12' 7"	24' 4"	38' 7"	36' 9"	29' 7"
X130-84	9' 5"	30'	55'	43' 9"	41'	34'	4' 6"	15' 9"	27' 5"	43' 9"	41' 3"	34' 8"
X130-94	9' 2"	34' 4"	60' 1"	49'	46' 3"	37' 7"	4' 6"	17' 1"	30'	49'	46' 6"	38' 5"

	A	B	C	D	E	F	G	H	I	J
	LOWERED (A)	HEIGHT HALFWAY	HEIGHT RAISED	REACH LOWERED	REACH HALFWAY	REACH RAISED	HEIGHT AT LIFT ARMS	HEIGHT AT WHEELS	REACH AT LIFT ARMS	REACH TO WHEELS
X130-114	12' 2"	40' 5"	67' 9"	55'	52' 4"	45'	27' 9"	36' 2"	35' 4"	45' 3"





AUGER SPECIFICATIONS

	X160-85	X160-105	X160-125
TUBING GAUGE	10 GA		
TUBE CONNECTORS	¼" Angle Flange		
MAIN FLIGHTING	15.5" OD x ¼" Stretched + Welded		
WEAR EDGE™ (REINFORCED FLIGHT)	¼" Main Flighting with Wear Edge™ on Critical Grain Transfer Points. (Boot Flight: ¼" plus 10 GA Wear Edge = 5⁄16")		
FLIGHT SHAFT	3.5" x 11 GA Tubing; Square Flight Connector		
UPPER BEARING	2" Pillow Block Greaseable Ball Bearings		
SPEED REDUCER	Enclosed, Cast Casing, 1000 RPM Reducing Gearbox (540 RPM) with Reversing Capability		
TUBE TRUSSING	3.5" x 11 GA Tubing; ½" Cable Stays		
HYDRAULIC LIFT	3 x 4" Bore Cylinders; 3⁄8" Aircraft Cable		2 x 6.5" Bore Cylinders; ½" Aircraft Cable
UNDERCARRIAGE	4" x 8" HSS Tubing		
AXLE	4" x 4" x 3⁄16" Tubing; 4" x 4" x ¼" on Extensions		
HUB	8-Bolt Agricultural Type		
TIRES	22.5" Agricultural Tires		
PTO SHAFT	55E Double CV with 2-Bolt Shear		
PARKING JACK	12,000 LB Drop Leg		
LOW PROFILE HOPPER	46" Width x 68" Length x 11" Height (6" Rubber)		
PSI REQUIRED TO RAISE AUGER	1800 PSI	1700 PSI	2000 PSI
HP REQUIRED (WITH DRY WHEAT)	175	200	225
WHEEL TREAD	148" - 182"		
TRANSPORT HEIGHT (18" HITCH)	14' 5"	13' 8"	15'

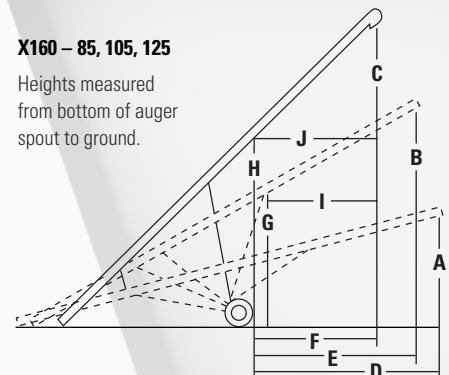
HEIGHT, REACH + WHEEL SPECIFICATIONS

	A HEIGHT LOWERED	B HEIGHT HALFWAY	C HEIGHT RAISED	D REACH LOWERED	E REACH HALFWAY	F REACH RAISED	G HEIGHT AT LIFTARMS	H HEIGHT AT WHEELS	I REACH AT LIFT ARMS	J REACH TO WHEELS
X160-85	12' 3"	32' 3"	59' 2"	45' 6"	43' 3"	35' 7"	20' 5"	26' 3"	26' 2"	33' 6"
X160-105	10' 7"	41' 9"	75' 6"	52' 9"	49' 9"	41' 11"	26' 4"	32' 5"	32' 9"	41' 7"
X160-125	14'	47' 5"	86'	66' 11"	62' 1"	49' 3"	33' 4"	38' 10"	42' 7"	53' 8"



**SAFETY
FIRST**

Wheatheart augers are designed with operator safety in mind. For more information on how to safely operate your Wheatheart auger, please refer to the product manual or visit wheatheart.com.



WHEATHEART

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