

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.



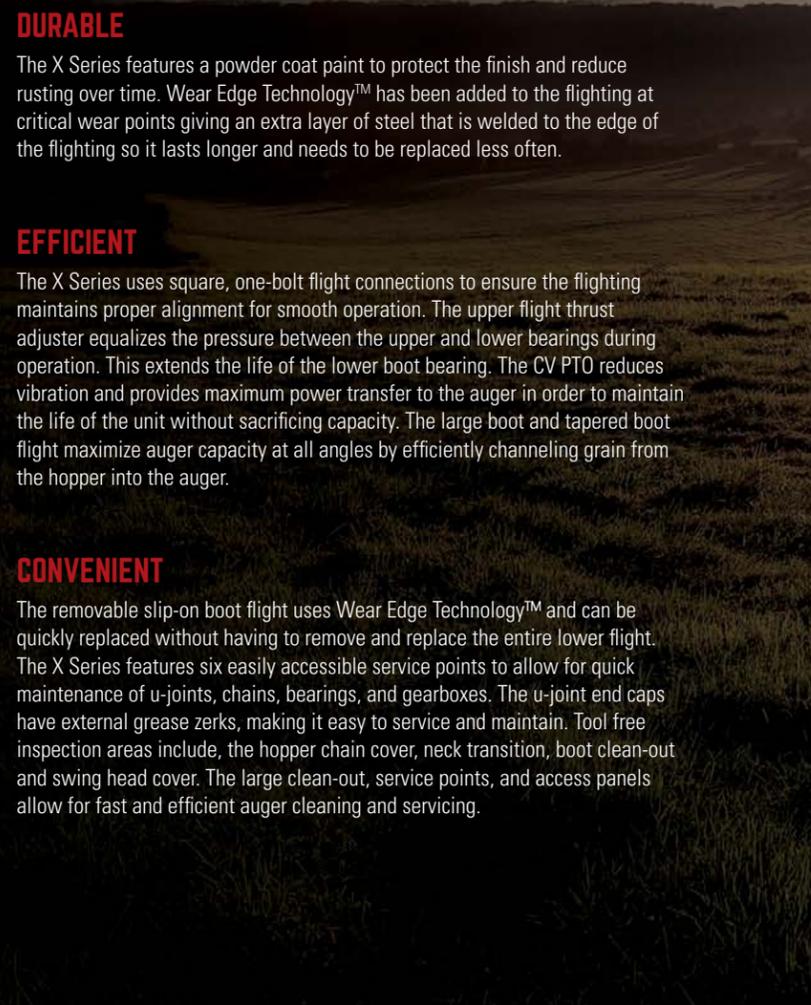
POWDER COAT PAINT

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.



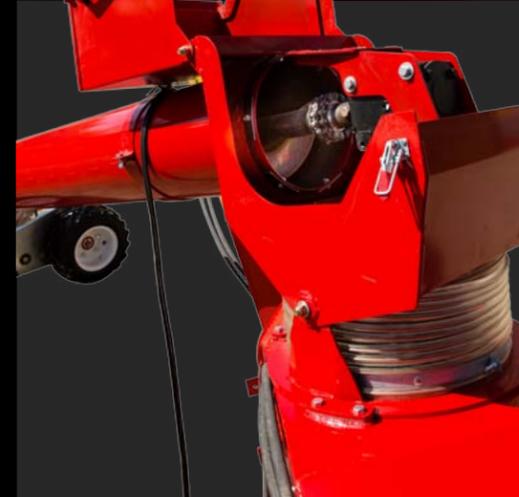
GREASE ZERKS

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

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.



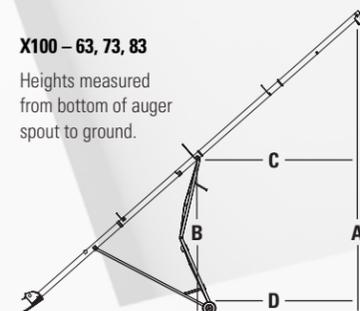


AUGER SPECIFICATIONS

| | 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 1/4" Pillow Block Greaseable Ball Bearing | | |
| LOWER BEARING | 1 1/2" 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" |



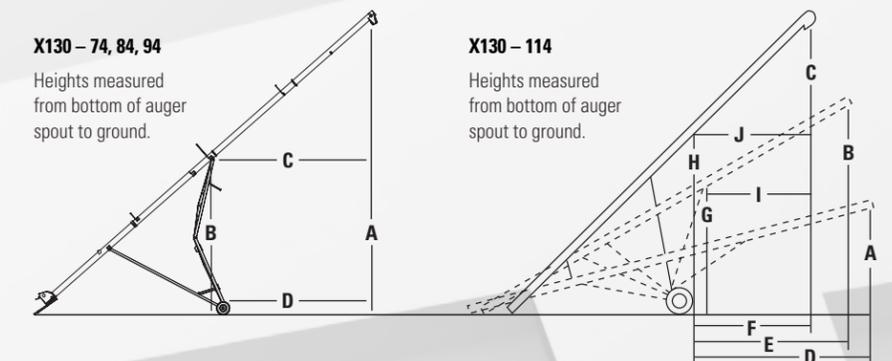
AUGER SPECIFICATIONS

| | X130-74 | X130-84 | X130-94 | X130-114 |
|--------------------------------|---|---|------------------------------------|---|
| TUBING GAUGE | 12 GA | | | |
| TUBE CONNECTORS | Heavy Duty 1/4" Angle Flange | | | |
| MAIN FLIGHTING | 11 3/4" OD x 1/4" 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 3/4" Pillow Block Greaseable Ball Bearing | | | |
| LOWER BEARING | 2" Pillow Block Greaseable Ball Bearing | | | |
| TUBE TRUSSING | 3/8" Aircraft Type Galvanized Steel Cable | 2 1/2" Steel Tube | | Combination 3" x 11 GA Steel Tubing 8 3/4" Galvanized Cable |
| HYDRAULIC LIFT | Two 4" Single Acting Cylinders | | Two 4 1/2" 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 3/8" 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 1/2" 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 |
|----------|-------------|----------------|---------------|---------------|---------------|--------------|---------------------|------------------|--------------------|-----------------|
| X130-114 | 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' |

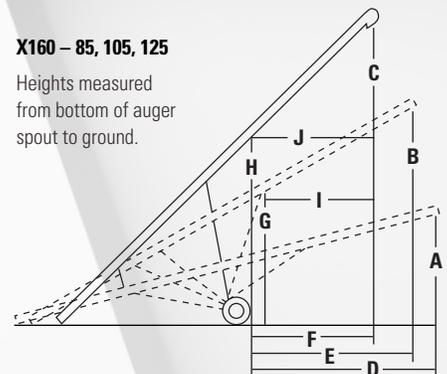
HEIGHT, REACH + WHEEL SPECIFICATIONS

| | A | 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 AT LIFT ARMS | 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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