

DIRECT GEAR DRIVE / CARRY-IN / U-TROUGH / LEAVE-IN / PADDLE SWEEP

BIN UNLOADING SYSTEMS



PROVEN & DEPENDABLE™

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PROVEN & DEPENDABLE

From planting to harvest, we recognize the hard work and determination you put in every day of the year. With a similar dedication, GSI strives to continuously manufacture Proven & Dependable grain storage, conditioning, material handling equipment and structures.

This commitment and focus have resulted in GSI becoming the world's number one manufacturer of grain bins and a global leader in drying and material handling equipment.

Today's production requirements demand systems that excel in performance and are reliable year after year. In addition, easy installation, simple operation, durability, flexibility, and operation efficiency are all carefully considered in the design and construction of every GSI product manufactured.

THAT'S WHY GSI.

GSI PRODUCT LINEUP

BIN UNLOADS

Whether you are emptying a single bin or on the fifth turn of that bin this year, you need to move your grain gently and efficiently. GSI's unloads are hard at work on farms, grain elevators, and processing plants across the world.

| | MODEL / AUGER SIZE | APPROXIMATE CAPACITY | BIN DIAMETER |
|--------------------------------------|-------------------------------|-------------------------|-----------------|
| DIRECT GEAR DRIVE SWEEP | 8" | 1,500 - 2,500 BPH | 15' - 48' |
| | 10" | 2,000 - 5,000 BPH | 24' - 72' |
| CHAIN LOOP POWERSWEEP | 8" | up to 4,500 BPH | 24' - 72' |
| | 10" | up to 4,500 BPH | 24' - 72' |
| | 12" | up to 4,500 BPH | 24' - 72' |
| STANDARD CARRY-IN SWEEP | 6"-8" | up to 2,250 BPH | 15' - 42' |
| | 10" | 2,250 BPH | 24' - 48' |
| COMMERCIAL CARRY-IN SWEEP | 6"-8" | 800 - 1,050 BPH | 24' - 48' |
| | 8"-10" | 1,500 - 2,050 BPH | 24' - 48' |
| | 10"-12" | 3,200 - 3,700 BPH | 24' - 72' |
| U-TROUGH | 7.25" | 5,000 - 7,500 BPH | 15' - 60' |
| | 8.25" | 5,000 - 7,500 BPH | 30' - 60' |
| LEAVE-IN | 10" | 1,500 - 3,000 BPH | 30' - 105' |
| | 12" | 4,000 - 6,500 BPH | 30' - 105' |
| X-SERIES SWEEP | 12" | 3,000 - 7,000 BPH | 30' - 156' |
| | 16" | 8,000 - 10,000 BPH | 30' - 156' |
| PADDLE SWEEPS | Powered Farm Sweep | up to 5,500 BPH | 15' - 60' |
| | Commercial Paddle Sweep | up to 6,000 BPH | 15' - 105' |
| | High Capacity Paddle Sweep | up to 12,000 BPH | 48' - 139' |

DIRECT GEAR DRIVE SWEEPS

BIN UNLOADING



COMPLETELY REDESIGNED

Re-engineered Direct Gear Drive power sweeps feature new center and intermediate well designs, heavy-duty gearboxes, single piece backshield assembly and redesigned end-wheel. With fewer moving parts, GSI Direct Gear Drive power sweeps are now more durable, reliable and easier to maintain than ever. Direct gear drive power sweeps are available in 8" (up to 48' dia. bins) and 10" (24' to 72') models, and are permanently installed and ready to start up with the flip of a switch.



CENTER WELL

- Redesigned center well uses fewer components, and unload tube bolts directly onto the center well for easier installation.
- Steel roller bearings allow for smooth gate operation and durability.



CONTROLS

- Rack-and-pinion controls are standard on all DGD sweeps.
- Simplified sweep engagement with a band on control handle, with pin for locking position.
- Separate control pipes for center and intermediate wells and crank handle make opening and closing gates easy.

GEARBOX

- Direct gear drive power sweeps utilize a heavy-duty commercial grade gearbox.
- Proven internal clutch mechanism and aluminum housing ensures reliability and durability.
- Separate upper and lower gearboxes are joined with a coupler for easy maintenance and service.



INTERMEDIATE WELLS

Intermediate wells are wider than previous designs and use rods instead of wire mesh for better flow. Steel roller bearings allow for smooth gate operation and durability. Auxiliary well control rod comes standard, allowing you flexibility for continued gravity unloading if center well becomes plugged due to poor grain conditions.



BACKSHIELD

A telescoping backshield eliminates the need for shorter sweeps. Torque tube runs the entire length for superior rigidity.



ADJUSTABLE RUBBER WIPER

Rubber wiper can be adjusted closer to the floor for improved cleanout.



WHEEL

Proven drive wheel design provides aggressive sweep action, advancing the sweep into the grain in even the most challenging conditions.



DURA-EDGE® FLIGHTING

All direct gear drive sweeps are equipped with heavy-duty 7-gauge Dura-Edge® flighting that lasts 30% longer than regular flighting. An improved wear option is also available.

CHAIN LOOP POWERSWEEP

DIRECT GEAR DRIVE



CHAIN LOOP POWERSWEEP

A Direct Gear Drive sweep for use with chain loop systems. This sweep utilizes many of the same great features and components of GSI's Direct Gear Drive Powersweep.

This sweep is available with a 9" sweep auger and 8", 10" and 12" unloads. Sized for 24'-72' diameter bins, with capacities up to approximately 4,500 BPH.



GEAR DRIVE

The Chain Loop Powersweep is powered independently of the chain loop system via a 90 degree chain driven gear drive.



WHEEL

Proven drive wheel design provides aggressive sweep action, advancing the sweep into the grain in even the most challenging conditions.



DURA-EDGE® FLIGHTING

All direct gear drive sweeps are equipped with heavy-duty 7-gauge Dura-Edge® flighting that lasts 30% longer than regular flighting. An improved wear option is also available.

THE POWER OF VERSATILITY

Our removable bin sweep gives you the versatility to easily move the entire unit from one bin to another. Standard carry-in bin sweeps are available in 6", 8" and 10" sizes, and can be used in bins ranging in diameter from 15' to 48'. Torque tube and back shield adjust for close-floor clearance for maximum clean-out. Bins 30' or larger include an intermediate bearing to help stabilize the sweep flight.

Commercial unloads are available in 8", 10" and 12" sizes for bins ranging from 24' to 72' diameter. This heavy-duty equipment is recommended in smaller bins with high use applications.

**CENTER WELLS**

All wells and tubes are galvanized or powder coat finished for extended life. (Standard center well shown above.)

INTERMEDIATE WELLS

Carry-in intermediate wells use nylon rollers. Options include a band-on well and shallow intermediate wells for use in 12" floors. (Commercial style shown above.)

**RACK-AND-PINION CONTROLS**

Rack-and-pinion controls are standard on 10" and larger sweeps, and optional for 8".

**TRACTOR DRIVE**

Standard on 12" commercial sweeps and optional on 10" sweeps. Retrofits to existing sweeps with minimal fabrication. (See pg. 9 for more info)

**DURA-EDGE® FLIGHTING**

All carry-in sweeps, sizes 8" and larger, are equipped with heavy-duty 7-gauge Dura-Edge® flighting that lasts 30% longer than regular flighting.

U-TROUGH

Available for bins up to 66' diameter, the U-Trough fits under a standard 12" floor as well as most other aeration floors. It features an adjustable flight for easy expansion to the outer wall, dual action sweep wheels that move the unloader through the grain while sweeping out outer sidewall grain, and enhanced design to help sustain grain quality.



U-Trough's open design allows pressure relief as grain moves through the trough. This design reduces the chance of grain cracking or damage.



RACK-AND-PINION CONTROLS

Rack-and-pinion gate controls are standard on U-Trough unloads. Optional air or electric gate openers available. Gearbox shifter engages the sweep from outside the bin.



SWEEP DRIVE OPTIONS

Gearbox sweep drive features an enclosed shifting mechanism with no chains in the gearbox. One motor drives the unload and sweep from outside the bin. An extra long center gate is designed for maximum grain flow.

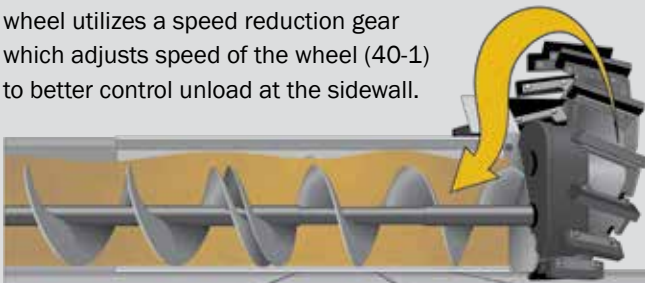


POWER HEADS

Electric power head with quick detach motor mount and over center belt tensioner. A rubber gasket on the belt guard maintains tube pressurization for a positive airflow seal. Incline elbows are available.

POWER AND PERFORMANCE

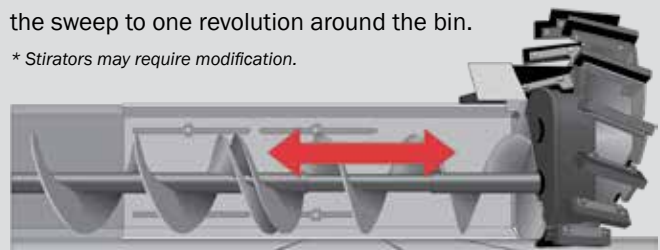
The drive wheel (patent pending) sweeps grain from the bin wall as it propels the unloader. The sweep wheel utilizes a speed reduction gear which adjusts speed of the wheel (40-1) to better control unload at the sidewall.

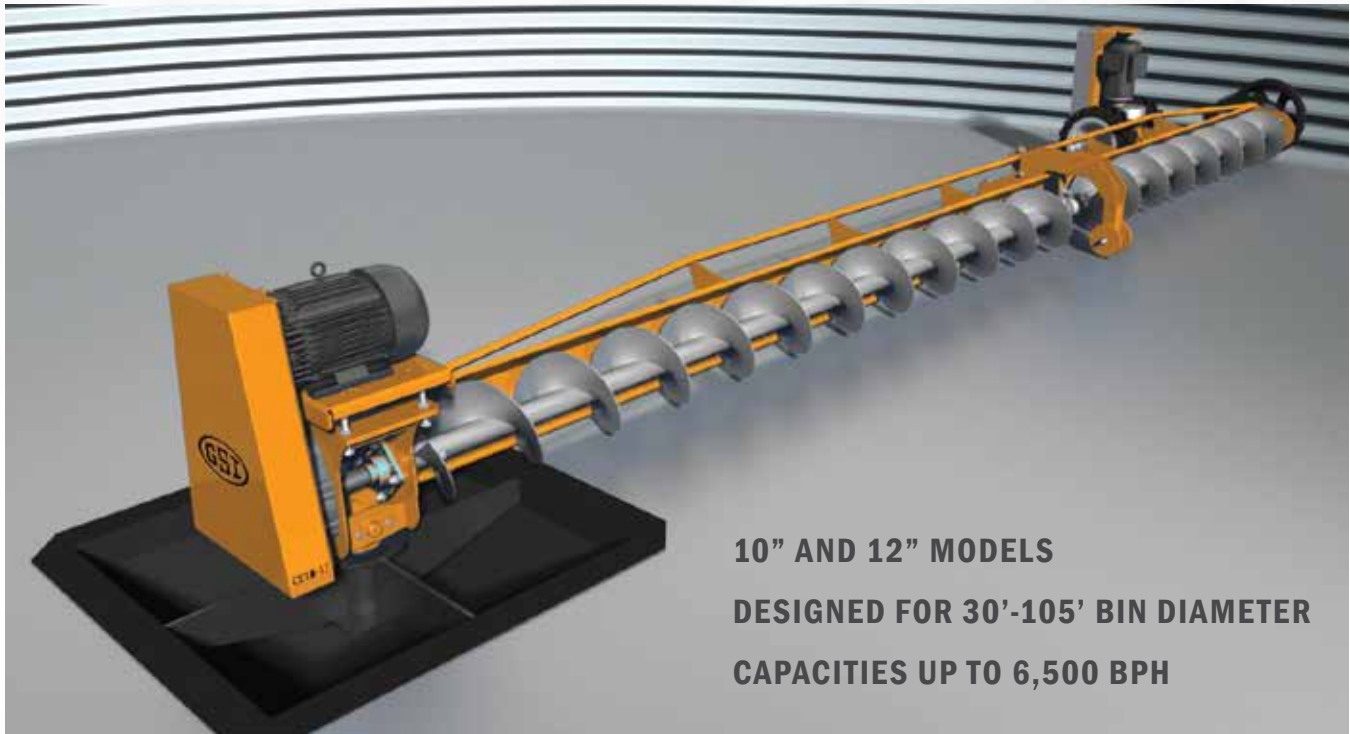


FLEXIBILITY AND CONVENIENCE

The sweep length is adjustable to accommodate various bin sizes. Standard size U-Trough sweep is 7.25". A sweep stop* can be controlled from outside the bin to limit the sweep to one revolution around the bin.

* Stirrators may require modification.





10" AND 12" MODELS

**DESIGNED FOR 30'-105' BIN DIAMETER
CAPACITIES UP TO 6,500 BPH**

FEATURES

- Premium Thick-Edge Flighting
- Motorized Tractor Drive and SureGrip™ Wheel Ensure Reliable Power and Traction
- Skeletonized Frame
- Single-adjustment Carrier Wheels
- Retrofit Compatible
- Premium Powder-coat Finish

STANDARD CONTROL PANEL

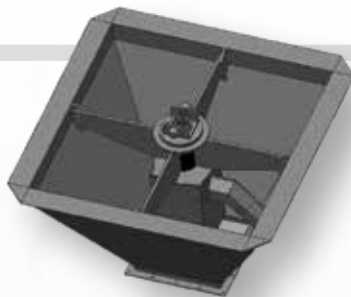
- Main Disconnect
- Auger ON/OFF Switch
- Drive FWD/OFF/REV Switch
- Emergency Stop
- Overloads for All Motors
- Can Operate Two Drives (72' and longer require two drives)

AUTO-DRIVE CONTROL PANEL

- All Standard Panel Features
- Digital Ammeter (Auger Motor)
- Auto-Drive Forward Based on Auger Motor Amps
- Auto-Reverse

OPTIONS

- Exclusive UL Listed Collector Ring Sump
- Above Floor UL Collector Ring for Zero-Entry Sweep Operation
- Corded Sump
- Receiver/Pivot Options
- Park Plates/Track Strips



Exclusive UL Listed Collector Ring

Effectively allows power through to the sweep motor and prevents the cables from twisting as the sweep rotates.



Above-Floor UL Listed Collector Ring

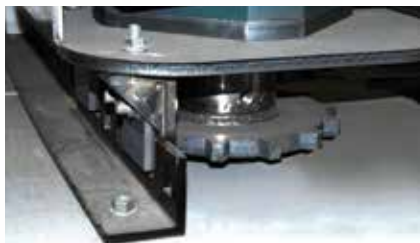
Mounted above the bin floor enabling true zero-entry sweep operation. All cables are run under the bin floor.

X-SERIES SWEEP

BIN UNLOADING

A TRUE ZERO-ENTRY SWEEP

No in-bin preparation is required prior to starting the X-Series Sweep, a true zero-entry sweep. Simply start and monitor operation from the externally-mounted control panel and watch your system work for you. X-Series Sweeps are available in a 12" model (3,000-7,000 BPH) and a 16" model (8,000-10,000 BPH).



POSITIVE DRIVE

Motor/gearbox combination drives a sprocket which engages track anchored to the concrete floor, eliminating slippage of the drive tractor. Gearbox is factory filled with food-grade lubricant.



DIRECT DRIVE DESIGN

Heavy-duty leave-in-place motor covers eliminate the need to uncover or prep motors prior to sweep start-up, making the X-Series a true zero-entry sweep at all stages of operation.



BOTTOM SHIELD BRUSH

Brush stays engaged with bin floor to help sweep the grain away for maximum clean out.



INTEGRATED PLOW

Our integrated plow provides a cleaner sweep near the bin wall with an adjustable design to accommodate door frames. Shear bolt design prevents major damage to sweep or obstacle in event of contact.



X-SERIES CONTROL PANEL

Monitors and displays several key pieces of information, allowing for manual or automatic operation. To further promote safety the panel allows for the easy integration of safety switches such as light curtains, and interlocks for downstream equipment monitoring. In the event of an avalanche the X-Series senses an amperage spike and immediately reverses the sweep while keeping the flight engaged to allow for seamless operation with no entry. The control panel is mounted directly on the bin. The sweep can be monitored from a control room through remote access.

PADDLE SWEEPS



HEAVY-DUTY HIGH CAPACITY PADDLE SWEEP

For larger capacity grain systems, GSI's High Capacity Paddle Sweep uses flexible rubber paddles to gently and safely unload up to 12,000 bushels per hour in 48' to 139' diameter bins.

- Support stands allow for minimal entry once the sweep has been started.
- One 3-phase explosion-proof motor operates sweep.
- Simplified drive tractors push sweep around the bin.
- Collector ring provides constant power to the sweep motor without having to move electrical cords with a start/stop control.



COMMERCIAL PADDLE SWEEP

Designed for high capacity systems, GSI's Commercial Paddle Sweep uses flexible rubber paddles to gently and safely unload up to 6,000 bushels per hour in 15' to 105' diameter bins.

- Support stands allow for minimal entry once the sweep has been started.
- One 3-phase explosion-proof motor operates sweep.
- Simplified drive tractors push sweep around the bin.
- Available with either a pivot pin or collector ring with a start/stop control panel.



POWERED FARM SWEEP

Drive is driven by paddle chain with no additional power source needed. Designed for 15'-60' diameter bins with no existing power or screw conveyor unload. Gently and evenly unloads up to 5,500 BPH.

- Heavy duty paddle chain and explosion proof motor.
- Rubber drag helps clean the floor for minimal sweeping.
- Designed to be fully submersed in grain and can unbury itself from an avalanche.
- Does not plug or stall when overrunning the sweep.

UNLOAD OPTIONS

POWER HEADS




Choose a vertical, horizontal, or 25 degree discharge to make it easier to discharge directly into a truck, trailer or other equipment with a power head discharge at the angle that is right for your operation.

FEATURES

- Remove flighting without removing the power head for easy maintenance
- Single-threaded adjustment rod to easily tighten belts
- Removable hinged motor plate
- Removable bearing plate
- Steel belt guard with vertical removal
- Standard unload and direct gear drive sweeps utilize the same drive
- 12" commercial horizontal without reducer



Easily remove flighting without removing the power head for hassle free maintenance.

HORIZONTAL

- Available in 6", 8", 10" and 12" sizes
- Standard units are offered in 1, 2 or 3 belt drives
- Commercial units are offered in 2, 3 or 4 belt drives
- Improved wear option (AR flighting) available

VERTICAL

- On bins 48' dia. and smaller, our 16'6" standard vertical makes it easier to discharge directly into a truck, trailer or mill
- Double flighting on the intake auger
- 16'6" tall commercial double drive vertical can be used on 24' thru 120' diameter bins

25 DEGREE INCLINE

- Available in 6" (horiz.) to 8" (incline), 8" to 10", or 10" to 12"
- Inclines have a 2, 3 or 4 belt drive and include an adjustable support stand
- Optional wheel kit can be attached to make unit portable
- Improved wear option (AR flighting) available



COMMERCIAL SWEEP TRACTOR

Optional on 10" and 12" heavy duty models, the sweep tractor is a knockdown design to fit into a 18" square door and can improve the performance and safety of your sweep. Sweep tractor easily retrofits to existing sweep with minimal fabrication. Idler wheel required in place of end wheel drive. These kits include a .5 hp, 3-phase, explosion-proof motor.

Commercial Sweep Control Panel

- Automatic or manual control. Tractor advance is controlled by auger motor amperage.
- Portable design allows for easy movement between same size sweeps. All power is connected with plugs in bottom of panel.
- 3-phase, 230 or 460 volts. Multiple models cover auger horsepower range of 3-10 (230V) and 3-20 (460V).



DIRECT GEAR DRIVE SWEEP SPECIFICATIONS

DIRECT GEAR DRIVE SWEEP

| UNLOAD AUGER DIA. | BIN DIA. | SWEEP FLIGHT DIAMETER | SWEEP FLIGHT SPEED | UNLOAD CAPACITY |
|-------------------|----------|-----------------------|--------------------------|--------------------------------|
| 8" | 15' | 5" or 7" | 260 RPM | 1,500 - 2,500 BPH ¹ |
| | 18' | | | |
| | 21' | | | |
| | 24' | | | |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| 10" | 24' | 7" or 9" | 285/230 RPM ² | 2,000 - 5,000 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| | 54' | | | |
| | 60' | | | |
| | 72' | | | |

1 - Capacities are approximate and may vary depending on unload powerhead. All capacities are based on dry free flowing grain.

2 - Dependent on sweep flight diameter.

CHAIN LOOP POWERSWEEP SPECIFICATIONS

CHAIN LOOP POWERSWEEP

| UNLOAD AUGER DIA. | BIN DIA. | SWEEP FLIGHT DIAMETER | SWEEP FLIGHT SPEED | UNLOAD CAPACITY |
|-------------------|----------|-----------------------|--------------------|------------------------------|
| 8" | 24' | 9" | 260 RPM | up to 4,500 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| | 54' | | | |
| | 60' | | | |
| | 72' | | | |
| 10" | 24' | 9" | 285 RPM | up to 4,500 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| | 54' | | | |
| | 60' | | | |
| | 72' | | | |
| 12" | 24' | 9" | 285 RPM | up to 4,500 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| | 54' | | | |
| | 60' | | | |
| | 72' | | | |

1 - Capacities are approximate and may vary depending on unload powerhead. All capacities are based on dry free flowing grain.

2 - Dependent on sweep flight diameter.

CARRY-IN SWEEP SPECIFICATIONS

STANDARD CARRY-IN SWEEP

| UNLOAD AUGER DIA. | BIN DIA. | SWEEP FLIGHT DIAMETER | SWEEP FLIGHT SPEED | UNLOAD CAPACITY |
|-------------------|----------|-----------------------|--------------------------------|------------------------------|
| 6" - 8" | 15' | 5" | 369, 438, 525 RPM ² | up to 2,250 BPH ¹ |
| | 18' | | | |
| | 21' | | | |
| | 24' | | | |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| 10" | 24' | 7" | 438 RPM ² | 2,250 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |

1 - Capacities are approximate and are dependent upon the motor sheave selection. All capacities are based on dry free flowing grain.

2 - Flight Speed dependent upon motor sheave selection.

POWER HEADS - UNLOAD CAPACITIES (BPH)

| | 6" | 8" | 10" | 12" |
|------------|------|------|------|------|
| Vertical | 1250 | 2500 | 3750 | 5000 |
| Horizontal | 1500 | 2500 | 4000 | 6000 |

| | 6"-8" | 8"-10" | 10"-12" | NA |
|--------------|-------|--------|---------|----|
| 25° Incline* | 1500 | 2000 | 4000 | NA |

COMMERCIAL CARRY-IN SWEEP

| UNLOAD AUGER DIA. | BIN DIA. | SWEEP FLIGHT DIAMETER | SWEEP FLIGHT SPEED | UNLOAD CAPACITY |
|-------------------|----------|-----------------------|--------------------------|--------------------------------|
| 6" - 8" | 24' | 5" | 328/438 RPM ² | 800-1,050 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| | | | | |
| 8" - 10" | 24' | 7" | 306/394 RPM ² | 1,500 - 2,050 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| 10" - 12" | 24' | 9" | 250/290 RPM ² | 3,200 - 3,700 BPH ¹ |
| | 27' | | | |
| | 30' | | | |
| | 33' | | | |
| | 36' | | | |
| | 42' | | | |
| | 48' | | | |
| | 54' | | | |
| | 60' | | | |
| | 66' | | | |
| | 72' | | | |
| | | | | |

1 - Capacities are approximate and are dependent upon the motor sheave selection. All capacities are based on dry free flowing grain.

2 - Flight Speed dependent upon motor sheave selection.

U-TROUGH SPECIFICATIONS

U-TROUGH

| SWEEP FLIGHT DIA. | BIN DIA. | HP FOR DRIVE UNIT STYLE | |
|----------------------|----------|-------------------------|---------|
| | | HORIZONTAL | INCLINE |
| 7.25" | 15' | 5 | 7.5 |
| | 18' | 5 | 7.5 |
| | 21' | 5 | 7.5 |
| | 24' | 7.5 | 7.5 |
| | 27' | 7.5 | 10 |
| | 30' | 7.5 | 10 |
| | 33' | 7.5 | 10 |
| | 36' | 10 | 10 |
| | 42' | 10 | 10 |
| | 48' | 15 | 15 |
| | 54' | 15 | 20 |
| | 60' | 20 | 20 |
| 8.25" | 30' | 7.5 | 10 |
| | 33' | 7.5 | 10 |
| | 36' | 10 | 10 |
| | 42' | 10 | 10 |
| | 48' | 15 | 15 |
| | 54' | 15 | 20 |
| | 60' | 20 | 20 |

All U-Trough unload systems 9" unload flight in a 11" trough. Capacities may vary depending on grain type and condition.

LEAVE-IN SWEEP SPECIFICATIONS

LEAVE-IN SWEEP

| AUGER SIZE | BIN DIA. | TRACTOR HP | CAPACITY | AUGER DRIVE HP |
|------------|----------|------------|-----------|----------------|
| 10" | 30' | 1 | 1500-2000 | 3 |
| | | | 3000-3500 | 5 |
| | 33' | 1 | 1500-2000 | 3 |
| | | | 3000-3500 | 5 |
| | 36' | 1 | 1500-2000 | 3 |
| | | | 3000-3500 | 5 |
| | 42' | 1 | 1500 | 3 |
| | | | 2000-3500 | 5 |
| | 48' | 1 | 1500 | 3 |
| | | | 2000 | 5 |
| | | | 3000-3500 | 7.5 |
| | 54' | 1 | 1500-2000 | 5 |
| | | | 3500 | 7.5 |
| | 60' | 1 | 1500-2000 | 5 |
| | | | 3000-3500 | 7.5 |
| | 66' | 1 | 1500 | 5 |
| | | | 2000 | 7.5 |
| | | | 3000-3500 | 10 |
| | 72' | 1 | 1500 | 5 |
| | | | 2000 | 7.5 |
| | | | 3000-3500 | 10 |
| | 75' | 1 | 1500 | 5 |
| | | | 2000 | 7.5 |
| | | | 3000-3500 | 10 |
| | 78' | 1 | 1500 | 5 |
| | | | 2000 | 7.5 |
| | | | 3000-3500 | 10 |
| | 90' | 1 | 1500 | 7.5 |
| | | | 2000 | 10 |
| | | | 3000-3500 | 15 |
| | 105' | 1 | 1500 | 7.5 |
| | | | 2000 | 10 |
| | | | 3000-3500 | 15 |
| 12" | 30' | 1 | 4000 | 5 |
| | | | 5000-6500 | 7.5 |
| | 33' | 1 | 4000 | 5 |
| | | | 5000-6500 | 7.5 |
| | 36' | 1 | 4000 | 5 |
| | | | 5000 | 7.5 |
| | | | 6000-6500 | 10 |
| | 42' | 1 | 4000-5500 | 7.5 |
| | | | 6000-6500 | 10 |
| | 48' | 1 | 4000 | 7.5 |
| | | | 5000 | 10 |
| | | | 6000-6500 | 15 |
| | 54' | 1 | 4000 | 7.5 |
| | | | 5000 | 10 |
| | | | 6000-6500 | 15 |
| | 60' | 1 | 4000 | 10 |
| | | | 5000-6500 | 15 |
| | 66' | 1 | 4000 | 10 |
| | | | 5000 | 15 |
| | | | 6000-6500 | 20 |
| | 72' | 1 | 4000 | 10 |
| | | | 5000 | 15 |
| | | | 6000-6500 | 20 |
| | 75' | 1 | 4000-5500 | 15 |
| | | | 6000-6500 | 20 |
| | 78' | 1 | 4000-5500 | 15 |
| | | | 6000-6500 | 20 |
| | 90' | 1 | 4000 | 15 |
| | | | 5000 | 20 |
| | | | 6000-6500 | 25 |
| | 105' | 1 | 4000-5500 | 20 |
| | | | 6000-6500 | 25 |

X-SERIES SWEEP SPECIFICATIONS

X-SERIES SWEEP

| AUGER SIZE | BIN DIA. | TRACK DRIVE HORSEPOWER | AUGER DRIVE HP 3,000 - 7,000 BPH |
|------------|----------|------------------------|-------------------------------------|
| 12" AUGER | 27' | 1/2 | 15 |
| | 30' | 1/2 | 15 |
| | 33' | 1/2 | 15 |
| | 36' | 1/2 | 15 |
| | 42' | 1/2 | 15 |
| | 48' | 1/2 | 15 |
| | 54' | 1/2 | 15 |
| | 60' | 1/2 | 15 |
| | 72' | 1/2 | 15 |
| | 75' | 1/2 | 15 |
| | 78 | 1/2 | 15 |
| | 90' | 1/2 | 20 |
| | 105' | 1/2 | 25 |
| | 135' | 1/2 | 25 |
| 16" AUGER | 27' | 1/2 | 15 |
| | 30' | 1/2 | 15 |
| | 33' | 1/2 | 15 |
| | 36' | 1/2 | 15 |
| | 42' | 1/2 | 15 |
| | 48' | 1/2 | 15 |
| | 54' | 1/2 | 15 |
| | 60' | 1/2 | 20 |
| | 72' | 1/2 | 20 |
| | 75' | 1/2 | 20 |
| | 78 | 1/2 | 20 |
| | 90' | 1/2 | 25 |
| | 105' | 1/2 | 30 |
| | 135' | 1/2 | 30 |

Capacities and stated motor horsepowers based on dry, free-flowing grain. X-Series Sweep is not intended for tanks with full floors.

PADDLE SWEEP SPECIFICATIONS

POWERED FARM PADDLE SWEEP

| BIN DIA. | MOTOR HORSEPOWER | | | | | |
|----------|------------------|----------|----------|----------|----------|----------|
| | 1000 BPH | 1500 BPH | 2000 BPH | 2750 BPH | 4000 BPH | 5500 BPH |
| 15' | 2 | 2 | 2 | 5 | 5 | 5 |
| 18' | 2 | 2 | 2 | 5 | 5 | 5 |
| 21' | 2 | 2 | 2 | 5 | 5 | 5 |
| 24' | 2 | 2 | 2 | 5 | 5 | 5 |
| 27' | 2 | 2 | 2 | 5 | 5 | 5 |
| 30' | 2 | 2 | 2 | 5 | 5 | 5 |
| 33' | 2 | 2 | 2 | 5 | 5 | 5 |
| 36' | 2 | 2 | 2 | 5 | 5 | 5 |
| 42' | 2 | 2 | 2 | 5 | 5 | 5 |
| 48' | 2 | 2 | 2 | 5 | 5 | 5 |
| 54' | 2 | 2 | 2 | 5 | 5 | 5 |
| 60' | 2 | 2 | 2 | 5 | 5 | 5 |

COMMERCIAL PADDLE SWEEPS

| BIN DIA. | MOTOR HORSEPOWER | | | | | |
|----------|------------------|----------|----------|----------|----------|----------|
| | 1000 BPH | 1500 BPH | 2000 BPH | 2750 BPH | 4000 BPH | 5500 BPH |
| 15' | 2 | 2 | 2 | 5 | 5 | 5 |
| 18' | 2 | 2 | 2 | 5 | 5 | 5 |
| 21' | 2 | 2 | 2 | 5 | 5 | 5 |
| 24' | 2 | 2 | 2 | 5 | 5 | 5 |
| 27' | 2 | 2 | 2 | 5 | 5 | 5 |
| 30' | 2 | 2 | 2 | 5 | 5 | 5 |
| 33' | 2 | 2 | 2 | 5 | 5 | 5 |
| 36' | 2 | 2 | 2 | 5 | 5 | 5 |
| 42' | 2 | 2 | 2 | 5 | 5 | 5 |
| 48' | 2 | 2 | 2 | 5 | 5 | 5 |
| 54' | 2 | 2 | 2 | 5 | 5 | 5 |
| 60' | 2 | 2 | 2 | 5 | 5 | 5 |
| 66' | n/a | n/a | n/a | 7.5 | 10 | 7.5 |
| 72' | n/a | n/a | n/a | 7.5 | 10 | 7.5 |
| 75' | n/a | n/a | n/a | 7.5 | 10 | 10 |
| 78' | n/a | n/a | n/a | 7.5 | 10 | 10 |
| 90' | n/a | n/a | n/a | 7.5 | 10 | 10 |
| 105' | n/a | n/a | n/a | 10 | 15 | 15 |

HEAVY-DUTY HIGH CAPACITY PADDLE SWEEP

| BIN DIA. | MOTOR HORSEPOWER | | | |
|----------|------------------|----------|-----------|-----------|
| | 7500 BPH | 8500 BPH | 10000 BPH | 12000 BPH |
| 72' | 30 | 30 | 30 | 40 |
| 75' | 30 | 30 | 30 | 40 |
| 78' | 30 | 30 | 30 | 40 |
| 90' | 30 | 30 | 40 | 50 |
| 105' | 30 | 30 | 40 | 50 |

Capacities and stated motor horsepower based on dry, free flowing, grain.

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