

Big Capacities in bins with 13" floors!!

Inlets are flush with trough cover - no extra depth created by protruding sump hats.



Internal Sweep Clutch

Reinforced Galvanized Sweep Backshield for one-pass sweep operation

10,000 bu/hr. Unloading*

Intermediate Sump Gates ride on rollers for smooth operation

10 ga. Galvanized Trough sections

- 1:1 Spiral Direct Drive End Wheel (bins to 37')
- 4:1 Spiral Reduction Drive End Wheel (bins to 72')
- 16:1 Spiral Wheel (74' bins & larger)

Up to 80 ft. bin diameters.

All Control Rods are located inside the U-Trough.

Rack & Pinion Sump Gate Opener

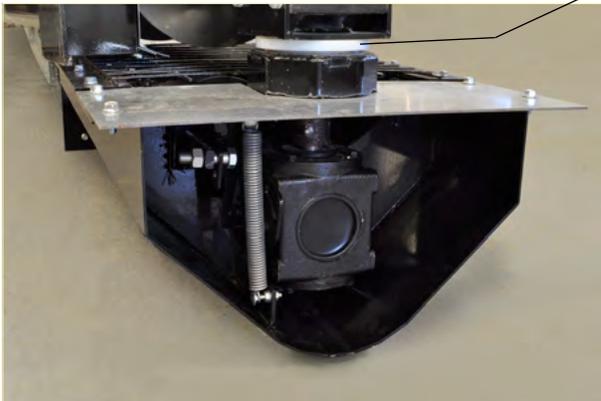
Gentle material handling!!

The sweep flighting is the same diameter as the underbin flight, allowing the sweep to operate at reduced RPM, treating the grain more gently.

Horizontal Head with double bearings

UHMW Bearing
UHMW bearing minimizes loading on the vertical shaft.

Up to 80 ft. bin wall height.



Heavy Duty Double Gearbox Sweep Drive

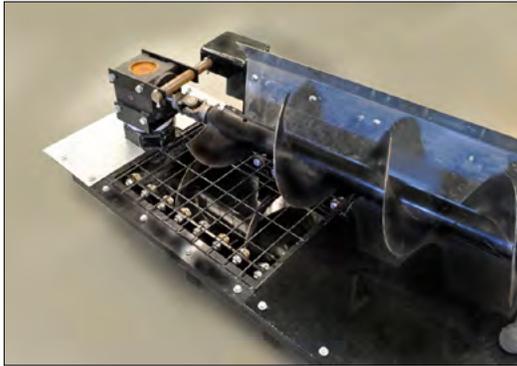
Internally controlled engage/disengagement for the sweep auger. The gearboxes are oil-bath types with 1 1/4" shafting.

Wood Hanger Bearings

Bearings are placed at the sumps for easy access. Flightings and hanger bearings can be removed as a unit, while the bin is full. Bearings are self-seating.

*Conveying dry corn.

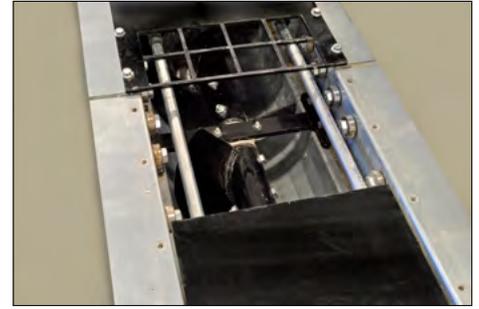
12" U-Trough Power Sweeps



Center Sump

Steel ball bearings provide easy gate movement.

If the Center Sump plugs during the first phase of emptying the bin, the Intermediate Sump nearest the Center Sump can be opened by turning the control halfway, providing a "near center" drain point. The remaining Intermediate Sumps can then be opened to uncover the sweep auger.

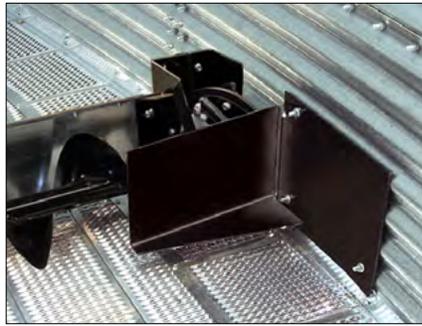


Intermediate Sumps

Gates open/close easily on steel ball bearings.



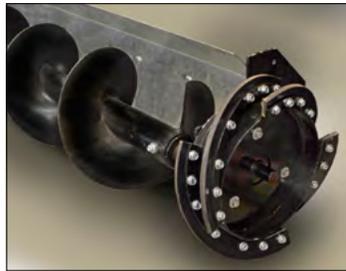
Rack & Pinion Gate Opener - smooth, positive control for opening and closing gates.



Sweep Stop - Limits the sweep to one revolution. The Stop swings back, allowing the Sweep to move forward over the sumps before filling the bin.



Horizontal Unloading Auger - Motor mount simplifies motor installation and belt tensioning. Motor remains attached when flighting is removed. Accepts motors to 50 HP.



Spiral Reduction Wheel - Direct 1:1 drive for bins 24' to 37'-1". 4:1 reduction in bins from 40'-3" to 72'. 16:1 ratio in bins 74' to 80'-5". Replaceable tread has 85% more traction and 3 times the work life of standard wheels. Self-cleaning foot.



Clean Sweep Option - Bristles on backshield drastically reduce manual sweeping during bin unloading. Backshield for wheel cleans close to wall.

Patent Pending

Specifications

Flight Dia.	Trough	Flighting	Flight Pipe OD-ID
1 1/4"	10 ga.	1/4" ga.	2-7/8" - 2-5/8" ¹

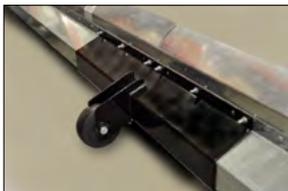
¹ Collared down to 1 1/2" ID

Capacities*

Unloading Auger	Capacity
Horizontal	10,000 Bu/Hr

*Capacity is rated in dry corn.

Distributed By:



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