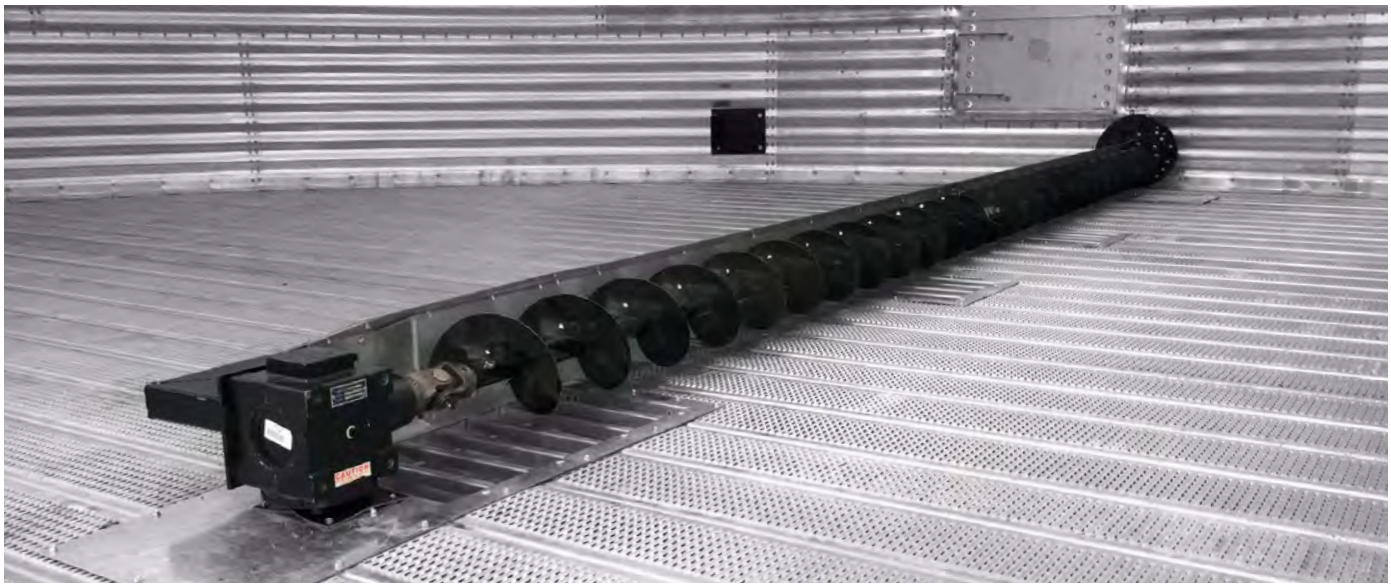
U-Trough Power Sweep

Our 10" & 12" u-trough power sweeps feature high capacities and long-run durability.
Available for bins from 18 to 80 feet in diameter with eave heights up to 80 feet.
Can be installed in 13 inch dryer floor support applications.



Easy installation: Much of the sweep is factory assembled. The 10" center sump is part of the u-trough. All controls are internal. Just slide the complete assembly through the bin wall and attach the sweep.

Trough hanger bearings: Wood bearings are placed at the sumps for easy access. Flightings and bearings can be removed as a unit, with the bearing hangers sliding on ledges in the trough. Bearings are self-seating.

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.



CLEAN SWEEP BRISTLE

Clean sweep bristles drastically reduce the amount of grain left behind. Work smart, not hard. Optional on 10"; standard on 12".

Performance varies depending on grain condition and condition of floor.

10" U-TROUGH

- Up to 80' bins
- Up to 60' eave height
- 6,000 BPH unloading

12" U-TROUGH

- Up to 80' bins
- Up to 80' eave height
- 10,000 BPH unloading



Sudenga's 12" u-trough power sweep is the only bin or silo sweep of its kind—it's designed to install in a 13" grain bin or silo drying floor while handling up to 10,000 bushels per hour.

Sudenga INDUSTRIES, INC.
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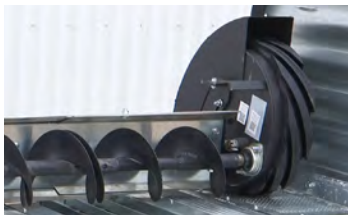
U-Trough Power Sweep



- Adjustable top flanges accommodate uneven bin floors.
- Internal sweep engagement controls. Direct coupled heavy duty 1- 1/4" shaft gearboxes.
- Reinforced galvanized sweep back-shield for one-pass sweep operation
- All control rods located inside the u-trough. Factory installed.
- Rack & pinion gate opener makes for smooth, positive control for opening and closing gates.
- Horizontal and incline unloading heads available.

ADJUSTABLE LENGTH

The flighting and backshield adjust up to 5 inches in either direction for easier installation.



END WHEELS

	10" System	12" System
11:1 Molded End Wheel	Standard (Bins 15' to 43'4")	–
20:1 Molded End Wheel	Standard (Bins 48'+)	Standard (All bin sizes)



Heavy duty double gearbox sweep drive: Internally controlled engage/disengagement for the sweep auger. Precision gearboxes are oil-bath types. Featuring 1¼" shafts.

Center sump: Heavy duty rollers or sliders coupled with the standard rack and pinion opener provides smooth gate action.

Sumps: Compare the number of Sudenga intermediate sumps to those on other brands. More sumps means more reliable sweep startup and unloading of the bin. If the center sump becomes blocked during the first phase of unloading the bin, the intermediate sump nearest the center acts as a safety sump and can be opened independently to continue first phase unloading from near the bin center.

SPECIFICATIONS

	Trough Ga.	Flight Dia.	Flight Ga.	Flight Pipe	Flight Shaft
10" Underbin	14	–	¼"	2-7/8"	1½"
10" Sweep	–	7¼"	¼"	2-7/8"	1½"
12" Underbin	10	–	¼"	2-7/8"	1½"
12" Sweep	–	11¼"	¼"	2-7/8"	1½"

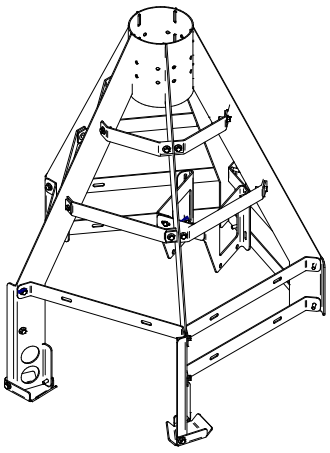
CAPACITIES

Unloading Auger	10" System	12" System
Horizontal	6,000 BPH	10,000 BPH
27° Incline	5,200 BPH	10,000 BPH

Capacities are approximate and for underbin auger only. Capacities are reduced when the sweep auger is engaged.

GRAIN HALO SUMP GUARD

The optional Grain Halo Sump Guard helps keep grain moving by breaking up crusted grain and larger clumps before they can restrict flow at the center sump. Mounted above the sweep gearbox, it stays connected throughout unloading and travels with the sweep as grain pressure decreases.



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