

GRAIN > GRAIN BIN SWEEPS >
D-SERIES SWEEP



True zero-entry sweep system that handles the extreme demands of commercial grain handling applications. Available for bins up to 139' diameter. Patented above floor electrical collector ring and auto advance sweep controls allow the sweep to be wired permanently and controlled from outside the bin.

Sudenga®

INDUSTRIES, INC. COMMERCIAL



- No need to enter the bin! Sweeps with the Sudenga above-floor collector ring option are as close to zero-entry as possible in normal sweep operation.
 - Trac drive or tractor drive options.
 - Optional Auto Advance
- Clean sweep is standard on all sweeps.
 - Spring loaded suspension
 - Wood block hanger bearings
 - Sweeps lead with the flighting for a "full-bite" in tough, stubborn grain.
- Available in electric or hydraulic drive formats

Learn more
or get a quote



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D-SERIES SWEEP

A true zero-entry sweep system that handles the extreme demands of commercial grain handling applications. D Series zero-entry commercial sweeps available for grain bins up to 139' diameter. 11¼" D100 and D150 models available in capacities to 6,000 BPH. 16" D150 models available for capacities to 10,000 BPH. Sweeps are advanced by a motorized push tractor or floor mounted track drive. Patented above floor electrical collector ring and auto advance sweep controls allow the sweep to be wired permanently and controlled totally from outside the bin.

- Patented collector ring (optional):** No need to enter the bin! Sweeps with the Sudenga above-floor collector ring option are as close to zero-entry as possible in normal sweep operation. Mounting the electrical collector ring above the floor means less space is required under the floor for the center sump. Sump depth is only 16". The sweep is permanently installed, and the collector ring provides permanent power to the sweep and tractor drives.
- Trac drive or tractor drive options:** Both drive types offer positive forward and reverse movement in grain. The drives rest on the bin floor under grain weight and self-raise for operation as the gates remove grain over and around them. No need to enter the bin to prep the sweep.
- Auto advance (optional):** Controls sweep movement by monitoring the sweep motor amperage. When excessive amperage is detected, the auto advance stops the sweep drive. When enough grain is carried away to lower the amperage, the drive unit restarts. A reverse feature senses grain avalanches and backs the sweep up.
- Clean sweep:** Standard on all sweeps. Nylon bristles contact the floor, dramatically reducing the amount of manual sweeping required after bin unloading.
- Sweep extensions:** Four sweep extensions and backshields are supplied to allow 3" to 21" of sweep extension in 3" increments. The sweep length is adjusted after installation to make the shortest sweep-to-wall gap in bins that are out of round or have off-center sweep pivots.
- Spring loaded suspension:** Automatically, under grain weight, settle the system on skids to protect the sweep and bin floor when the bin is filled. When grain weight is removed, the springs raise the sweeps and tractors to operating height. The tractor carries the sweep during operation, ensuring proper sweep advancement.
- Wood block hanger bearings:** Long wearing bearings located in 10 feet intervals.
- The sweeps lead with the flighting for a "full-bite" in tough, stubborn grain.
- Available in electric or hydraulic drive formats.



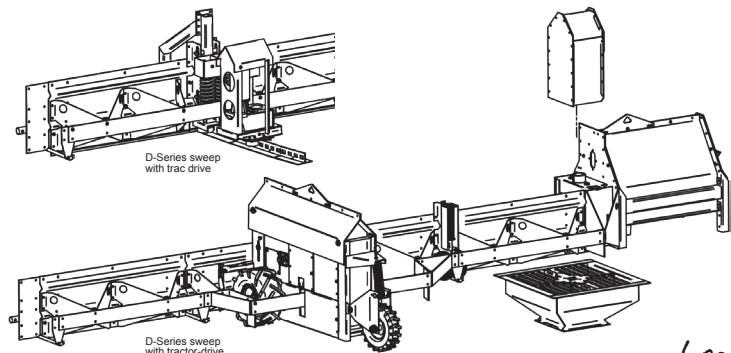
FEATURES

Sweep Model	Flight Dia.	Capacity (dry corn)	Bin Dia.	Max. Bin Height
D100	11¼"	6,000 BPH	36-105 ft.	100 ft.
D150	11¼" & 16"	6,000/10,000 BPH	36-139 ft.	150 ft.

Other material capacities available on request.

SPECIFICATIONS

Model	Flight Diameter	Flight Ga.	Flight Pipe	Flight Shaft	Back Shield
D100	11¼"	.250	2-7/8"	2"	10 ga.
D150	11¼"	.375	2-7/8"	2"	8 ga.
D150	16"	.438	4"	3"	8 ga.



PATENTS APPLY:

www.sudenga.com/about-us/patented-products

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