Round Tube Power Sweep

Sudenga's 8" and 10" round tube power sweeps are available for bins and silos up to 80'5" in diameter with eave heights up to 60'. Trouble-free installation and long-term reliability. Installs in dryer floor or concrete floors with a trench. Includes heavy duty gearboxes, galvanized underbin tube and a sweep backshield.

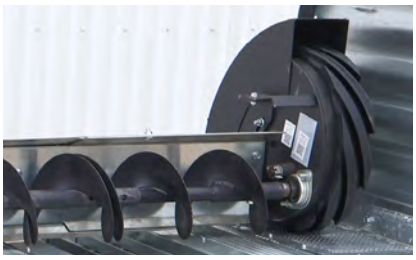


Sweep carrier: Standard on all sweeps in bins 54' and larger. Wheel design helps spread the weight on bin floors.

Intermediate sumps: Factory installed. Adjustable tops for uneven bin floors. UHMW pads (8" sumps) or UHMW rollers (10" sumps) for smooth, positive gate operation.

Center sump: Sweep engagement is inside lower gearbox. UHMW rollers (8" and 10" sumps) for smooth, positive gate operation. Large opening for less plugging. Low profile design for 13" floors.

Enclosed sweep start-up controls: The sweep engagement operates in an oil-bath inside the lower gearbox. 1¼" shafts through-out. The sump design provides easy access to lower gearbox.

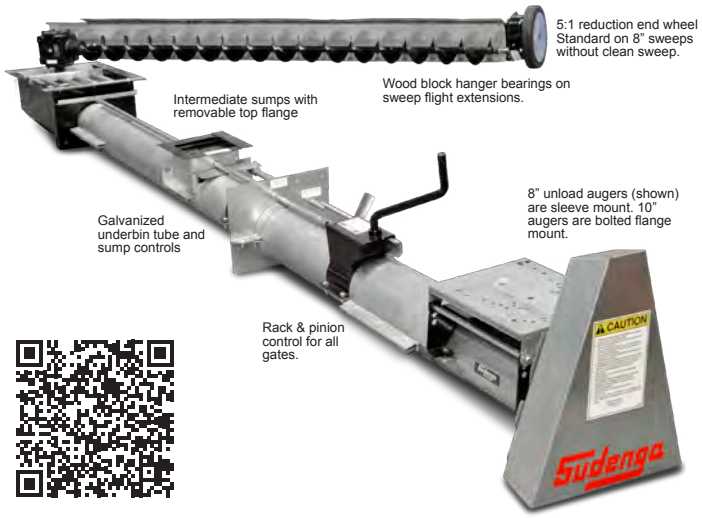


ADJUSTABLE LENGTH

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

Sudenga INDUSTRIES, INC.
2002 Kingbird Ave., PO Box 8, George, IA 51237
712-475-3301 | sales@sudenga.com | sudenga.com

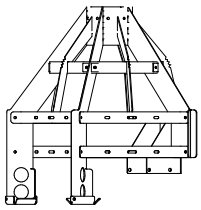
Round Tube Power Sweep





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.



SPECIFICATIONS

	Flight Dia.	Flight Ga.	Flight Pipe	Flight Shaft
8" Underbin Auger	7¼"	3/16"	2½"	1½"
8" Sweep Auger	5¼"	3/16"	1¼"	1"
10" Underbin Auger	9¼"	¼"	2-7/8"	1½"
10" Sweep Auger	7¼"	¼"	1½"	1¼"

CAPACITIES

Unloading Auger	8" System	10" System
Horizontal	2,400 BPH	5,500 BPH
27° Incline	2,400 BPH	4,800 BPH
Vertical	2,400 BPH	4,800 BPH

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

END WHEELS

	FOR 8" SYSTEMS		FOR 10" SYSTEMS	
	with clean sweep	**no clean sweep**	**with clean sweep**	**no clean sweep**
5:1 Laminate Reduction End Wheel	–	Standard (All bin sizes)	–	–
11:1 Molded End Wheel	Standard (All bin sizes)	Optional (Bins 36'+)	Standard (Bins up to 43'4")	Standard (Bins up to 43'4")
20:1 Molded End Wheel	–	–	Standard (Bins 48'+)	Standard (Bins 48'+)



CLEAN SWEEP BRISTLE

Sudenga's clean sweep bristles drastically reduce the amount of grain left behind. Work smart, not hard. Optional on 8" and 10" sweeps.

Performance varies depending on grain condition and condition of floor.

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