GRAIN BIN UNLOADING SYSTEM

Double Barrel Power Sweep

Sudenga's patent-pending Double Barrel Power Sweep features a wide variety of applications.
The Double Barrel Power Sweep bridges the gap between traditional power sweeps and commercial underbin systems, delivering up to 6,500 BPH in a simple, low-maintenance design.



FEATURES

- Designed for bins ranging from 18′ to 93′ in diameter with eave heights up to 100′.
- Commercial-level performance without a commercial underbin system.
- Lower installation cost than a standard commercial system.
- Proven drag conveyor design delivers strength and longevity.
- Works for new or retrofit installations.
- Compatible with floor heights as low as 13 inches.
- Zero-entry unloading with the Mini-D sweep configuration.
- Large sump openings for smooth grain flow.

PATENT PENDING

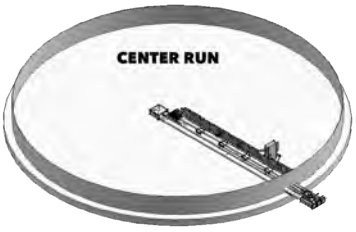
CHOOSE FROM TWO UNDERBIN DESIGNS

The Double Barrel Power Sweep offers two underbin formats to accommodate different layouts, budgets, and operational preferences.

- **Center-Run:** A compact, cost-effective option that runs to the center of the bin, offering the same low underbin height, high capacity, and low maintenance as the through bin.
- **Through-Bin:** This design features an underbin system that extends across the entire bin, allowing for intermediate sumps that run the entire length of the underbin. This format also provides easy access to the tail at all times.

LEARN MORE

Both configurations are designed to maintain consistent grain flow from the sweep to the center sump throughout the unloading cycle. Large sump openings promote smooth grain flow and reduce the risk of plugging in difficult grain conditions.





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Double Barrel Power Sweep

SWEEP STYLES & CONFIGURATIONS

Sweep configuration is matched to bin diameter to ensure consistent performance, controlled advancement, and reliable unloading. All three setups are based on sweep solutions already proven through Sudenga's existing line of bin sweeps and unloading systems.

Bin Size	Sweep Type	End Wheel Type
15' to 43'4"	Low-profile sweep	11:1 reduction end wheel
48'-49'6"	Low-profile sweep	20:1 reduction end wheel
54' - 93'	Gearbox-driven Mini D	Mechanical Auto Advance Tractor





APPLICATIONS

- Large farm grain storage
- Commercial grain facilities
- Dryer bins with 13" floors
- New construction
- Retrofit projects
- Bins with sidewalls over 60' where traditional sweeps fall short



The through-bin design spans the full bin with intermediate sumps and easy tail access. Separate motors power the under-bin conveyor and sweep for steady grain flow and consistent performance.



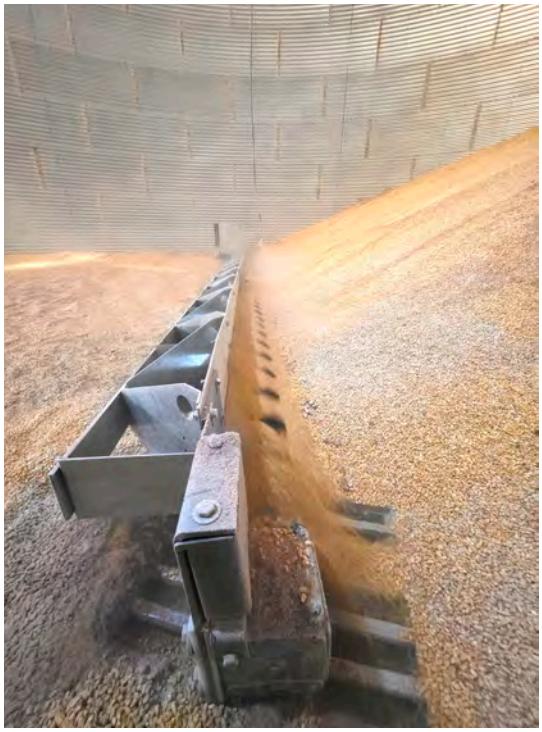




MECHANICAL AUTO ADVANCE TRACTOR

For bins 54 feet in diameter and larger, gearbox-driven Mini-D sweep arms pair with a Mechanical Auto Advance Tractor (MAAT) to provide:

- Controlled, automatic sweep advancement
- Start-and-stop movement based on sweep fill
- Less need for personnel to monitor progress inside the bin
- Push-tractor functionality without added wiring or electronic complexity



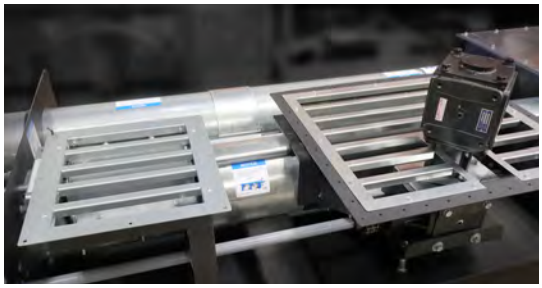
"The response has been outstanding. This system fills a critical need for high-performance, low-maintenance power sweep bin unloading."

–GREG VERSTEEG, VICE PRESIDENT OF SUDENGA



The low-profile underbin conveyor design allows the Double Barrel Power Sweep to deliver high-capacity performance, reduced maintenance and installation under floors as low as 13 inches.





Designed for high-capacity unloading, the large sump openings help grain flow smoothly and consistently through the system.

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