

# 3500 SERIES COMMERCIAL SWEEPS



Safeguarding Your Grain® Since 1957

## **Sweep Performance That Keeps**

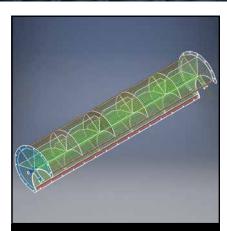
pile on nearly 2 million bushels of grain. Then subject it to thick dust and constant grain avalanches. The Brock 3500 Series Commercial Sweep is built to handle heavy loads and push into piles of grain without backing away. This all-electric sweep has

the durability and power to keep your commercial grain operation moving forward, no matter what.

here's a simple reason that customers can count on Brock equipment to last longer. We have more than 40 years of performance to prove it.

ustomers have installed
Brock equipment for many
years and are still operating it
today. They know we'll always be
there with replacement parts and
support. Whatever it takes, the
customer is top priority.

### **3500 Series Commercial Sweeps**



## **Engineering Solutions for Withstanding Heavy Loads**

Brock engineers used Finite Element Analysis to test and perfect the 3500 Series Sweep's design to endure the crushing pressure of grain in bins up to 156 ft. (47.5 m) in diameter. These commercial sweeps are designed to withstand the grain pressures generated in Brock's largest bins with loads up to 7,000-lb. per sq. ft. (34,236 kg per sq. m).



## Forward Motion Auto Drive for True Zero Entry

Brock 3500 Series commercial sweeps are strong enough that they do not have to back out of a pile of grain, even in avalanche conditions. The sweep's auto drive momentarily stops to clear large amounts of grain, then keeps moving forward without damaging the sweep or requiring bin entry.



# **Moving Forward**



#### **Strong Patented Sweep Arm**

- Brock's heavy-duty sweep sections are designed to eliminate the need for floor jacks — allowing for absolute zero entry during bin unloading.
- Exterior bolting flange increases strength while reducing weight.
- Fewer parts and fasteners translate to faster assembly and cost savings.



#### **Rugged Drive System**

- Positive sprocket rail track drive for no-slip operation and more pushing torque.
- Auto drive is standard and manages grain avalanches and compacted grain without the need to reverse.
- Balanced design of sprocket drive ensures smooth operation and continuous engagement with the track.



#### **Adjustable Bin Wall Agitator**

- Aggressive action breaks up hard-packed fines and soybean pods from the bin wall.
- Deep agitator paddles propel material to the auger.
- Adjustable back shield and agitator make it easy to fine-tune the sweep length to the bin's internal clearance requirements.

Adjustable auger positioning and rubber floor wiper for improved cleanout.

# Brock 3500 Series Commercial Sweeps

	Model	Sweep Auger	Drive Type	Bin Diameter	Bin Eave Height Maximum	Unload Capacity*
- 1	3500SR	12 in.	Sprocket Rail	30-105 ft.	107 ft.	4,000 or 6,000 bph
	3500SR	16 in.	Sprocket Rail	60-156 ft.	107 ft.	8,000 or 10,000 bph

## A Full Line of Brock Solid® Solutions











#### **Storage**

- EVEREST® & On-Farm Grain Bins
- EVEREST® & Wet Holding Hopper Bins
- Temporary Storage
- Bin Access Doors
- Grain Aeration Floors

Brock Solid\* is our guarantee of trusted reliability you can count on day in and day out. It is the guarantee of unmistakable quality, built to last year after year. It is the same guarantee we founded the company on back in 1957. That focus on providing dependability

#### **Handling**

- · Grain Sweeps
- Grain Conveyors
- · Bin Unloading Systems
- · Bucket Elevators
- Distributors & Accessories

has resulted in the full line of grain facility solutions that are available today. You will find the quality you have come to expect and the trusted integrity you deserve. Brock Solid delivers. Always has, always will.

#### **Drying & Conditioning**

- Low Profile Grain Dryers
- Tower Grain Dryers
- Centrifugal & Axial Fans
- Heaters
- Controls

#### **Structures**

- Catwalks
- Bucket Elevator Towers & Stairways
- EVERLOC® Roof Mount System
- Support Towers
- Slot & Tab Construction



-BROCK SOLID®-

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#### **BROCK GRAIN SYSTEMS**

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