



*COMMERCIAL BIN SWEEPS & CONTROLLERS*



SM



# TWO OUTSTANDING CHOICES

(16-inch/406-mm diameter auger model shown)



## ***Brock's SWEEP-MASTER® Bin Sweep***

### ***Economical Bin Sweep System***

Brock's SWEEP-MASTER® Bin Unloading System offers:

- A rugged, commercial-quality bin sweep system capable of single-pass or double-pass operation.
- Simple design and an economical price.
- Many "must have" features included on larger sweeps.
- Options for zero-bin-entry during sweep use.

### ***Product Features***

- Industry standard 1/4-inch (6-mm) auger flighting on all models.
- Commercial grade carrier bearings for reliability and long life.
- Foam-filled dual tires for drive wheels.
- 60:1 speed reduction provides better drive wheel traction.
- Commercial power head assembly.
- Explosion-proof motors for the drive wheels and the auger are standard for additional bin safety.
- Motor shrouds for all motors eliminate need for tarps or bags.
- Adjustable motor mounts.
- Heavy-duty truss design on the sweep uses 2-inch (51-mm) square tubing.
- Adjustable guide wheels.
- Adapts to nearly all sumps.

SWEEP-MASTER® SYSTEM SPECIFICATIONS				
MODEL (AUGER DIAMETER)		CAPACITY RANGE		
INCHES	MM	BUSHEL PER HOUR	M <sup>3</sup> PER HOUR	METRIC TONS* PER HOUR
10	254	2000 or 3000	70 or 100	50 or 75
12	305	4000, 5000 or 6500	140, 175 or 230	100, 125 or 165
16	406	8000, 9000 or 10,000	280, 315 or 350	200, 225 or 250

\*Capacities based on 56 lbs.(25 kg) of corn per bushel



**Sturdy-Built Sweep Structure** includes front and rear jacks to help the sweep withstand the stored grain pressures generated inside large diameter and/or taller grain bins



**Durable Carrier Bearings**



**Optional Sweep Controller**



**Sweep Drive with Foam-Filled Dual Wheels**

# FOR GRAIN UNLOADING

## **BROCK® MODEL ABC™ Bin Sweep With Grain Agitator**



### **Solid Construction for Gentle Unloading**

Brock's MODEL ABC™ Bin Sweep System:

- Provides efficient unloading of flat-bottom bins 30 to 200 feet (9 to 60 meters) in diameter.
- Is designed to be fully submerged in grain and to operate after gravity no longer unloads a flat-bottom storage bin.
- Offers options for zero-bin-entry use.

### **Product Features**

- Gently and evenly moves grain to discharge sump in single-pass or double-pass operation.
- Is the only sweep with a hydraulically-powered drive and agitator system for handling heavy unloading conditions and helping to prevent motor burnout.
- Standard foam-filled wheel drive system.
- Optional patented crawler track drive system:
  - Features hydraulically-driven tank-style endless chain track with replaceable urethane cleats.
  - Designed for use with harder-to-flow materials such as soybeans and rice.
  - Keeps sweep close to the bin floor to reduce grain damage.

MODEL ABC™ SYSTEM SPECIFICATIONS				
MODEL (AUGER DIAMETER)		CAPACITY RANGE		
INCHES	MM	BUSHELS PER HOUR	M <sup>3</sup> PER HOUR	METRIC TONS* PER HOUR
10	254	2300	80	58
16	406	5300, 8000 or 10,000	185, 280 or 350	130, 200 or 250
24	610	14,000 or 20,000	490 or 700	355 or 500

\*Capacities based on 56 lbs. (25 kg) of corn per bushel

### **Why Use an Agitator?**

- Patented agitator adjusts to assist with irregular flow materials and to provide even clean-out.
- Efficiently break up material clusters and help clean out bridged material.
- Optional Sidewall Agitator digs into compacted material along sidewall of bin.



**Optional Track Drive**



**Optional Sidewall Material Agitator**

### **Need Zero Bin Entry?**

Only Brock's bin sweeps offer you industry-leading options for zero-bin-entry during sweep operation, including:

- Start/stop controls can be located outside of bin.
- Remote operation of Brock SWEEP-TRACKER® Controller with PLC (programmable logic controller) automation.
- Collector ring runs electricity through the sump hopper and eliminates twisting electrical cords.



**Optional BROCK® Collector Ring Assembly**

# **BROCK SWEEP-TRACKER® SYSTEM** *Offers Zero-Bin-Entry Options*

## ***Brock's SWEEP-TRACKER® Controller Could Revolutionize Your Bin Unloading***

Brock's SWEEP-TRACKER® Control System can be used to provide true zero-bin-entry sweep operation with:

- A new or existing Brock MODEL ABC™ Sweep System.
- A new or existing Brock SWEEP-MASTER® Sweep System during sweep use.

The SWEEP-TRACKER System can help to revolutionize your approach to the bin unloading process by freeing your employees from the need to stay with the sweep or the bin during operation.



The Brock SWEEP-TRACKER System:

- Monitors motor amperage.
- Automatically controls the sweep drive to slow or even stop the sweep when it is flooded. This saves energy, reduces equipment wear and helps to extend the service life of the sweep.
- Shows the sweep location within the bin, the percentage of grain remaining, and more.
- Can be operated remotely through the use of PLC (programmable logic controller) automation.
- Can be operated through an externally-mounted start/stop button.



## ***Innovative Solutions For Commercial Grain Storage, Handling, Conditioning & Drying***



For commercial grain storage, handling, conditioning and drying, Brock's expanding line of products offers innovative solutions, top quality performance and the classic product durability closely associated with the BROCK® name. To learn more about Brock's products and how they are *Different by Design™*, contact us today.



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