Brock’s HARVEST-TIME® Bin Unloading System is Different by Design™: it’s a “two for one” system. This means that you get an under-floor tube and flight conveyor combined with a floor sweep – all economically driven by a single electric motor. With Brock’s HARVEST-TIME Unloading System, you can choose the components that best suit your needs:

- The smooth-working HARVEST-TIME Unloader and Power Sweep combination can be operated from outside the bin, or ...
- The HARVEST-TIME Unloader can be used with a center pivot to connect to an existing portable sweep.

AN INNOVATIVE UNLOADING AUGER SYSTEM

Replaceable auger flight tip in the center well hopper is standard and includes a 10-gauge flight-edge wear strip.

Hinged belt guard cover for ease of maintenance. The design of the power head facilitates easy motor changeout.

All slide gates are supported by proven, wear-resistant Nylatron® rollers designed to hold their round shape.

Heavy-gauge auger flight can be removed and reinstalled even with a full bin.

Power heads for unloading system include incline or horizontal units.

Both the 8- and 10-inch (203- and 254-mm) auger systems fit under Brock’s low height aeration floors in farm grain bins ranging from 15 to 48 feet (4.6 to 14.6 m) in diameter.

NYLATRON is not owned or licensed by CTB and is the sole property of its respective owner.
Power sweep can remain in the bin even when the bin is full of grain – saves the time and avoids the hassle of removing and re-installing the sweep.

A simple shift mechanism is located outside of the bin to engage the sweep and to eliminate the need to enter the bin for sweep operation.

Sweep drive gearbox has internal shifting mechanism to engage sweep.

Solid rubber sweep drive wheel with 10:1 speed reduction minimizes wear on wheel and bin floor.

One motor on the exterior powers both the sweep and the bin unloading auger through rugged, reliable gearboxes – no extra chains, belts, or wiring required.

Heavy, high-angle sweep backboard construction.

Discharge well controls are conveniently located with sweep controls.
**TUBE AUGER SYSTEM SPECIFICATIONS**

**DISCHARGE DISTANCES**
For All Bin Unloading Configurations

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**Capacity Range**

<table>
<thead>
<tr>
<th>Model</th>
<th>Bushels per Hour</th>
<th>Metric Tons per Hour</th>
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<tbody>
<tr>
<td>8-inch (203-mm) Auger System with Sweep System disengaged</td>
<td>2,500 - 3,000</td>
<td>65 - 75</td>
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<tr>
<td>10-inch (254-mm) Auger System with Sweep System disengaged</td>
<td>4,000 - 4,500</td>
<td>100 - 115</td>
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* Capacities based on free-flowing grain in good condition and 56 lbs. (25 kg) of corn per bushel. In the pursuit of LEADERSHIP THROUGH INNOVATION®, Brock reserves the right to change specifications without prior notice.

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<table>
<thead>
<tr>
<th>Bin Diameter</th>
<th>Tube Distance <em>“A”</em></th>
<th>Horizontal Distance <em>“B”</em></th>
<th>Incline Distance <em>“B”</em></th>
<th>Horizontal Distance to Center of Bin <em>“C”</em></th>
<th>Incline Distance to Center of Bin <em>“C”</em></th>
<th>No. of Intermediate Wells</th>
<th>6-inch / 203-mm System Horsepower Requirements</th>
<th>10-inch / 254-mm System Horsepower Requirements</th>
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*Electric horsepower requirements are based on 60 Hz motor and whole #2 corn at 15% moisture content.
Brock offers an optional EP Kit for the HARVEST-TIME® Bin Sweep. The EP Kit is engineered to increase the performance of the standard HARVEST-TIME Sweep System when working in difficult grain conditions. The kit helps to reinforce the backboard and to intensify the sweep’s aggressiveness in difficult grain.

Brock’s HARVEST-TIME EP Kit enhances sweep usage in:
• Difficult grain conditions or out-of-condition grain.
• Grain that has high compaction as a result of being stored for several seasons.
• Storage bins 24 to 60 feet (7.3 to 18.3 m) in diameter.

The optional kit quickly installs on new HARVEST-TIME Sweep units or easily retrofits to existing HARVEST-TIME Sweeps manufactured after June 2006.

The EP Kit:
• Eliminates floor skid supports and protrusions in front of the sweep auger and allows the auger to more freely engage stored grain.
• Improves the center pivot connection to boost grain flow into center sump.
• Quickly assembles and easily attaches to the sweep’s backboard.

See your Brock dealer or call us for more details on how a Brock HARVEST-TIME Unloading System can help you better manage your stored grain.

Combining the HARVEST-TIME® Unloading System with Brock’s optional WELL-GARD® Discharge Guard (patent pending) is the best method for avoiding or dealing with plugging of the center sump. Attached to the sweep, the WELL-GARD unit simply rotates with it, so removal is not necessary during sweep operation.
• Helps maintain continuous flow of grain out of the bin.
• Limits bridging and blocking caused by chunks of grain.
• Long-lasting, heavy-duty galvanized steel construction.
OFFERS 40% MORE UNLOADING CAPACITY THAN 10-INCH AUGER TUBE SYSTEMS

Brock’s HARVEST-TIME® 10-Inch (254-mm) U-Trough Auger and Power Sweep Unloading System with a capacity of up to 7,800 bushels (198 metric tons) of corn per hour offers you up to 40% more grain moving capacity than 10-inch (254-mm) diameter tube systems. It’s a heavy-duty system you can grow with, plus get the same great advantages offered by Brock’s HARVEST-TIME Tube Auger Unloading System:

- Smooth-working unloader and sweep combination that can be operated from outside the bin, or ...
- An unloader that can be used with a center pivot to connect to an existing portable sweep.

Available for 24- through 60-foot (7.3 to 18.3 m) diameter bins
Available with horizontal power heads only
Rack and pinion controls for sweep and discharge wells are conveniently located together outside of the bin

Center bearing hangers are standard for smooth, quiet auger operation. A bin wall bearing hanger is an option if an auger extension is installed outside of the bin. Both are designed to enable easy auger removal if the center sump plugs.

Hinged belt guard for ease of maintenance
Reliable three-belt pulley
Sturdy flange connections
Extra large center well with wear-resistant slide gate rollers shown
Power head discharge

NOTE: This unloading system’s output quickly and easily adjusts to match your existing transfer system — maximum output requires 8,000 bph transfer auger
BROCK OFFERS EMERGENCY SUMP OPTION FOR BOTH HARVEST-TIME® SYSTEMS

Brock’s Emergency Sump (E-Sump) is an optional feature for both the tube-type and U-trough auger HARVEST-TIME® Unloading Systems. Available for 24-foot (7.3-m) diameter and larger HARVEST-TIME Systems, this optional feature provides an alternate choice in the event that the bin’s center sump becomes plugged during unloading.

E-Sump features include:
- Push-pull control handle at the bin wall that is operated separately from the normal intermediate wells and center sump control handles.
- Same size opening as the intermediate wells on the unloading system.
- Retrofits to existing Brock HARVEST-TIME Systems.
USE BROCK’S EXPERIENCE
FOR YOUR SUCCESS!

High-Quality Storage – Single Bin Capacities Up to 1.34 Million Bushels!

WITH PRODUCTS TO HELP YOU PROFIT

Fuel-Efficient Grain Dryers
Efficient Aeration Fan Systems
Popular Super-Strong TRI-CORR® Drying Floors
Catwalks & Tower Structures