BIN UNLOADING SYSTEMS

SWEEP OPTIONS
Standard Klean Sweep
Commercial Klean Sweep
Standard Power Sweep
Commercial Power Sweep
NexGen Sweep
Hi-Flow Sweep

UNLOADING OPTIONS
Standard Auger Unload
Commercial Auger Unload
Mass-Ter Mover®
Grain Pump™

POWER HEAD DRIVES
Horizontal
Angled
Vertical
Mass-Ter Mover®
Quality Equipment on Your Farm

AGI Hutchinson manufactures quality products, including: portable and stationary grain handling equipment, augers, chain & paddle conveyors, belt conveyors, loop systems, bin unloads and custom augers.
Extended Wear Bin Unloading Package

AGI Hutchinson offers an upgrade package for standard and commercial bin unload systems that greatly enhance flighting life in extreme conditions. The package includes:

- Two revolutions of AR flight at the center well on the unload flight
- One revolution of AR flight at the discharge end of the unload flight
- \( \frac{1}{4} \)" flight on under-bin augers
- \( \frac{3}{8} \)" flight on horizontal power heads
- \( \frac{1}{4} \)" and AR sectional flight on sweeps
- \( \frac{1}{4} \)" and AR sectional flight on verticals
- \( \frac{1}{4} \)" and AR sectional flight on 25° unload systems and VAAC

In 25° and variable angle unload systems, a separate flighted U-joint collar is utilized in the transition. The flighted U-joint collar pulls grain through the transition resulting in:

- Improved capacity
- Extended life of the unload flight
- Extended life of the U-joint
- Extended life of the incline flight
- Improved serviceability and replace-ability of components

**Extended Wear Flight and Collar**

**Extended Wear Flight Wear**

0.625%

**Standard Flight Wear**

21%

**AFTER 20,000 BUSHELS OF GRAIN**

EXCLUDES 6" SYSTEMS, STANDARD VERTICAL UNLOAD AND STANDARD TORQUE ARM SWEEP

Tested in rice with 25° bin unloads
Standard Klean Sweep

This simple, easy to handle sweep provides an inexpensive tool for emptying bins up to 48' (14.6 M) in diameter. The unique back-shield and torque tube combination adjusts for close floor clearance to maximize bin clean up. Typically after one or two revolutions of the sweep, the job is done.

FEATURES

- Rubber disk end-wheel assembly drives sweep around the bin
- Intermediate flight bearings on 30' (9.1 M) diameter bins and larger
- Drive includes driven sheave, belt and simplistic motor mount
- 10’ units have intermediate bronze bearings supporting the flight every 10’ (3.1 M) or less

<table>
<thead>
<tr>
<th>SWEEP MODEL</th>
<th>BIN DIAMETERS</th>
<th>FLIGHT DIAMETER</th>
<th>FLIGHT STRIP</th>
<th>FLIGHT SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’</td>
<td>15’ - 36’ (4.6 M - 11.0 M)</td>
<td>4” (10.2 CM)</td>
<td>3/16” (3.0 MM)</td>
<td>625 RPM</td>
<td>650 BPH (18 TPH)</td>
</tr>
<tr>
<td>8’</td>
<td>15’ - 48’ (4.6 M - 14.6 M)</td>
<td>5” (12.7 CM)</td>
<td>3/16” (3.0 MM)</td>
<td>525 RPM</td>
<td>1,175 BPH (32 TPH)</td>
</tr>
<tr>
<td>10’</td>
<td>24’ - 48’ (7.3 M - 14.6 M)</td>
<td>7” (17.8 CM)</td>
<td>3/16” (4.6 MM)</td>
<td>438 RPM</td>
<td>2,200 BPH (59 TPH)</td>
</tr>
</tbody>
</table>
Sweep End-Wheel

- 8.5:1 reduction inside the wheel, reducing the distance from the sweep auger to the bin wall on sweeps
- Polyurethane treads break up compacted grain and dig down to the bin floor to maintain a driving force into the grain pile
- Specially designed tread pulls grain from the bin wall into the sweep
- Each wheel is self-lubricated and sealed for longer life
- Retrofit kits available for most 8” and 10” Klean Sweep and Power Sweeps
- Designed, fabricated, and assembled in the U.S.A.

CUSTOMER TESTIMONIALS

“"The sweep moves ahead on its own. We are able to operate the sweep without having a man in the bin. We’ve used it in corn and soybeans, and I would never put a sweep in unless it has the new Sweep End Wheel. It’s saved us time and money when emptying our 60’ grain bins.”

- Cogdill Farms, Iowa

“I call it a miracle.”

- Byrne Farms, Louisiana

Install the new retrofit kit for your old 8” and 10” Klean Sweep in under 15 minutes

4 piece modular design allows for easy tread replacements without removing the gearbox
Commercial Klean Sweep

AGI Hutchinson’s Commercial Klean Sweep is an outstanding performer for a minimal investment. These sweeps provide an economical solution for bin diameters up to 120’ (36.6 M).

FEATURES

- 8.5:1 reduction on 810 and 1012 models
- Sweep tractor drive is standard for 1214 models (optional on 1012 models)
- Intermediate flight bearings every 10’ (3.1 M) or less running the length of the flight
- Sweep carrier design provides extra support for flight in 48’ (14.6 M) or larger bins on 810 and 1012 models
- The 1214 models provide a sweep carrier in 68’ (20.7 M) or larger bins
- The 810 and 1012 Series Sweeps have been redesigned with a 2.25:1 double gearbox drive to position the sweep closer to the bin floor

<table>
<thead>
<tr>
<th>SWEEP MODEL</th>
<th>BIN DIAMETERS</th>
<th>FLIGHT DIAMETER</th>
<th>FLIGHT STRIP</th>
<th>FLIGHT SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>810</td>
<td>24' - 92' (7.3 M - 28.0 M)</td>
<td>7” (17.7 CM)</td>
<td>¼” (4.6 MM)</td>
<td>300 - 400 RPM</td>
<td>1,600 - 2,050 BPH (43 - 55 TPH)</td>
</tr>
<tr>
<td>1012</td>
<td>24' - 113' (7.3 M - 34.44 M)</td>
<td>9” (22.9 CM)</td>
<td>¼” (4.6 MM)</td>
<td>250 - 290 RPM</td>
<td>3,200 - 3,700 BPH (86 - 100 TPH)</td>
</tr>
<tr>
<td>1214</td>
<td>36' - 120' (11.0 M - 36.6 M)</td>
<td>12” (30.5 CM)</td>
<td>¼” (4.6 MM)</td>
<td>150 - 230 RPM</td>
<td>3,950 - 6,100 BPH (106 - 165 TPH)</td>
</tr>
</tbody>
</table>

Splice plate for added strength
Double gearbox to get the sweep lower to the bin floor
Retrofit kits available for 810 and 1012 models
**Standard & Heavy-Duty Power Sweep**

The Power Sweep provides the convenience of powering both the unloading flight and the sweep with one motor on the outside of the grain bin. The sweep can remain inside the bin during the grain bin filling process, allowing it to be in position for use at a moment’s notice. We have an excellent choice of power head options to fit your application that will complete your unloading system.

**FEATURES**

- Appropriate number of intermediate wells
- Center power well and roller supported gate with gearboxes
- Sweep end-wheel has an 8.5:1 reduction
- Underbin auger housing and flight
- Control pipe kit with unique control lever for maximum pull
- Sweep carrier design for bins over 48” diameter
- Secondary center wells upon request

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**STANDARD & HEAVY-DUTY POWER SWEEP**

<table>
<thead>
<tr>
<th>AUGER UNLOAD MODEL</th>
<th>BIN DIAMETERS</th>
<th>SWEEP FLIGHT DIAMETER</th>
<th>UNLOAD FLIGHT DIAMETER</th>
<th>SWEEP FLIGHT STRIP</th>
<th>UNLOAD FLIGHT STRIP</th>
<th>FLIGHT SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” STANDARD</td>
<td>15’ - 48’ (4.6 M - 14.6 M)</td>
<td>7” (17.8 CM)</td>
<td>5” (12.7 CM)</td>
<td>1/4” (3.0 MM)</td>
<td>1/4” (3.0 MM)</td>
<td>450 - 525 RPM</td>
<td>1,000 - 1,200 BPH (27 - 32 TPH)</td>
</tr>
<tr>
<td>8” STANDARD</td>
<td>15’ - 48’ (4.6 M - 14.6 M)</td>
<td>7” (17.8 CM)</td>
<td>7” (17.8 CM)</td>
<td>3/16” (4.6 MM)</td>
<td>3/16” (4.6 MM)</td>
<td>325 - 440 RPM</td>
<td>1,700 - 2,200 BPH (46 - 59 TPH)</td>
</tr>
<tr>
<td>10” STANDARD</td>
<td>24’ - 48’ (7.3 M - 14.6 M)</td>
<td>7” (17.8 CM)</td>
<td>9” (22.9 CM)</td>
<td>3/16” (4.6 MM)</td>
<td>1/4” (6.4 MM)</td>
<td>325 - 440 RPM</td>
<td>3,575 - 4,500 BPH (96 - 122 TPH)</td>
</tr>
<tr>
<td>8” HEAVY-DUTY</td>
<td>30’ - 72’ (9.1 M - 22.0 M)</td>
<td>7” (17.8 CM)</td>
<td>7” (17.8 CM)</td>
<td>3/16” (4.6 MM)</td>
<td>3/16” (4.6 MM)</td>
<td>325 - 440 RPM</td>
<td>1,700 - 2,200 BPH (46 - 59 TPH)</td>
</tr>
<tr>
<td>10” HEAVY-DUTY</td>
<td>30’ - 78’ (9.1 M - 23.77 M)</td>
<td>7” (17.8 CM)</td>
<td>9” (22.9 CM)</td>
<td>3/16” (4.6 MM)</td>
<td>1/4” (6.4 MM)</td>
<td>325 - 440 RPM</td>
<td>3,575 - 4,500 BPH (96 - 122 TPH)</td>
</tr>
</tbody>
</table>
The Commercial Power Sweep is a unique concept adapted to commercial-type storage. This sweep will accommodate a variety of unloading units, including; auger unloaders, U-Trough, chain conveyors, and grain pump loop systems. Like our other power sweep, it offers the convenience of having the drive on the outside of the bin, but with the added feature of using a separate drive for the sweep. We have the drive necessary to complement the unloading system that you choose.

**FEATURES**
- Two individual gearboxes allow compact design for center well
- End wheel has an 8.5:1 reduction drive
- Intermediate wells provided with removable top flanges for easier installation
- Sweep carrier provides extra support for flight and shield for sweeps in 48’ (14.6 M) or larger bins
- Control pipe kits with rack and pinion-style openers
- Drive shaft has 1” flangette bearings on 5’ centers

<table>
<thead>
<tr>
<th>SWEEP MODEL</th>
<th>BIN DIAMETERS</th>
<th>FLIGHT DIAMETER</th>
<th>FLIGHT STRIP</th>
<th>FLIGHT SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>36’ - 60’ (11.0 M - 18.3 M)</td>
<td>7” (17.7 CM)</td>
<td>1/16” (4.6 MM)</td>
<td>300 - 400 RPM</td>
<td>1,600 - 2,050 BPH (43 - 55 TPH)</td>
</tr>
<tr>
<td>800</td>
<td>36’ - 60’ (11.0 M - 18.3 M)</td>
<td>9” (22.9 CM)</td>
<td>1/4” (6.4 MM)</td>
<td>220 - 250 RPM</td>
<td>2,800 - 3,200 BPH (76 - 86 TPH)</td>
</tr>
<tr>
<td>1000</td>
<td>36’ - 75’ (11.0 M - 22.9 M)</td>
<td>9” (22.9 CM)</td>
<td>1/4” (6.4 MM)</td>
<td>300 - 325 RPM</td>
<td>3,850 - 4,150 BPH (104 - 112 TPH)</td>
</tr>
<tr>
<td>1200</td>
<td>36’ - 75’ (11.0 M - 22.9 M)</td>
<td>9” (22.9 CM)</td>
<td>1/4” (6.4 MM)</td>
<td>375 - 395 RPM</td>
<td>4,800 - 5,050 BPH (130 - 136 TPH)</td>
</tr>
</tbody>
</table>
NexGen 2000 Commercial Sweep

FEATURES
- Built to remain in the bin
- Sturdy construction to withstand years of heavy use
- Modular design allows adaptation to bin diameters from 36’ - 156’ (11 M - 47.6 M)
- Control box provides both total automation and manual operation
- Optional Tru-Klean drag floats across the bin floor providing a near broom swept finish

<table>
<thead>
<tr>
<th>NEXGEN MODEL</th>
<th>CAPACITIES</th>
<th>FLIGHTING</th>
<th>DRIVE</th>
<th>TRACTOR</th>
<th>CENTER WELL OPTION</th>
<th>CONTROL BOX OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Up to 10,000 BPH (270 TPH)</td>
<td>12.5” O.D. x ¼” thick (31.8 CM x 6 MM)</td>
<td>4:1 Gear Reducer drive up to 40 HP (30 kW)</td>
<td>Unique 2-wheel direct drive tractor design with a 350:1 reduction gearbox</td>
<td>30” x 30” (76 CM x 76 CM) opening for both Electric Slip Ring Well or Non-Electrical Well. 42” x 42” Center well is an option</td>
<td>Main on-off switch Automatic on-off control of tractor (determined by amount of amps drawn by motor operating sweep flight) Reverse option</td>
</tr>
</tbody>
</table>
NexGen 3000 Commercial Sweep

MODEL 3150TK
- 15,000 BPH capacity
- 50,000 BPH free-flowing capacity through center well
- Tru-Klean chain & paddle option provides near broom swept finish
- Available for bins 48' to 150' diameter
- Touchscreen control panel

Optional Tru-Klean Chain & Paddle Sweep
- Chain & paddles float across the floor behind the sweep
- Utilizes return rollers for reduced friction
- Drag is powered directly from the sweep auger
- Pulls additional grain into the center well for a near broom swept finish

NexGen 3000 Series Commercial Sweep

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacities</th>
<th>Flighting</th>
<th>Drive</th>
<th>Tractor</th>
<th>Center Well Option</th>
<th>Control Box Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>7,500 - 15,000 BPH (203 - 406 TPH)</td>
<td>18” O.D. x 3/8” Thick (45.7 CM x 10 MM)</td>
<td>13:1 Reducer drive up to 50 HP</td>
<td>Unique 4-wheel direct drive tractor design. One tractor - up to 88’ bin diameter Two tractors - bin diameters of 90’ - 150’</td>
<td>48” x 48” (122 CM x 122 CM) opening with above floor Electric Slip Ring</td>
<td>Main on-off switch Automatic on-off control of tractors (determined by amount of amps drawn by motor operating sweep flight) Reverse option Touchscreen offers flight speed controls &amp; current sweep position display</td>
</tr>
</tbody>
</table>
Hi-Flow Bin Sweep

AGI Hutchinson’s Hi-Flow is engineered for use in the industry’s largest bins. The 16” model has a capacity of up to 10,000 BPH (270 MT/Hr) and features such as a long wearing ¼” flight mounted on 3” Schedule 40 Pipe and a heavy-duty backboard, designed to handle substantial grain weight without deforming.

The Hi-Flow also features zero-entry controls to eliminate any need for bin entry during operation.

With the motor assembly located below the bin floor, the Hi-Flow provides additional safety to processors. For maintenance, the motor assembly can be accessed from the reclaim tunnel at any time.

The Hi-Flow backboard contains a 5/8” rubber scraper and adjustable front and rear wheels to level uneven floors. The hydraulically driven track drive system assures forward and reverse operation which eliminates drive wheel spinning or climbing in grain piles.
<table>
<thead>
<tr>
<th>BIN DIAMETER (FT)</th>
<th>1ST</th>
<th>2ND</th>
<th>TRACK</th>
<th>3RD</th>
<th>4TH</th>
<th>5TH</th>
</tr>
</thead>
<tbody>
<tr>
<td>48'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>169&quot; (4293 mm)</td>
<td>246 1/2&quot; (6261 mm)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>54'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>169&quot; (4293 mm)</td>
<td>246 1/2&quot; (6261 mm)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>60'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>169&quot; (4293 mm)</td>
<td>318&quot; (8077 mm)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>66'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>169&quot; (4293 mm)</td>
<td>277 1/2&quot; (7049 mm)</td>
<td>353 5/8&quot; (8982 mm)</td>
<td>—</td>
</tr>
<tr>
<td>72'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>277 1/2&quot; (7049 mm)</td>
<td>312&quot; (7925 mm)</td>
<td>277 1/2&quot; (9919 mm)</td>
<td>—</td>
</tr>
<tr>
<td>75'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>277 1/2&quot; (7049 mm)</td>
<td>312&quot; (7925 mm)</td>
<td>277 1/2&quot; (9919 mm)</td>
<td>—</td>
</tr>
<tr>
<td>90'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>277 1/2&quot; (7049 mm)</td>
<td>312&quot; (7925 mm)</td>
<td>421 1/2&quot; (10706 mm)</td>
<td>497 3/8&quot; (12643 mm)</td>
</tr>
<tr>
<td>105'</td>
<td>40 1/4&quot; (1022 mm)</td>
<td>134 1/8&quot; (3413 mm)</td>
<td>277 1/2&quot; (7049 mm)</td>
<td>421 1/2&quot; (10706 mm)</td>
<td>457 1/2&quot; (11621 mm)</td>
<td>565 1/4&quot; (14370 mm)</td>
</tr>
</tbody>
</table>

**Bin Center**

- 98" standard
- 106.5" for extended sump
- 88" standard
- 99.5" for extended sump

- 40" standard
- 51.5" for extended sump

- 30.000"
Standard & Commercial Auger Unloading

Using auger unloading housing and flight is an economical approach to storage unloading that has a proven history for reliability. These unloaders can be purchased as a whole unit that includes the unloading tube and flight and the center well, intermediate wells, and control pipe kits. Lastly, select your choice of power head to complete your unload system. Our systems can be ordered as components, allowing you to completely customize your solution to suit your needs.

FEATURES
- Choice of unloading tube and flights to meet your capacity and size requirements
- Various center bin well and intermediate bin well options available
- Control pipe kits and either control lever or rack & pinion openers to select from
- Bin flanges, quick connect flange clamps and an assortment of other possible components to complete your unload system

### AUGER UNLOADING

<table>
<thead>
<tr>
<th>AUGER UNLOAD MODEL</th>
<th>BIN DIAMETERS</th>
<th>UNLOAD TUBE</th>
<th>UNLOAD FLIGHT</th>
<th>FLIGHT SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” STANDARD</td>
<td>14' - 37' (4.3 M - 11.3 M)</td>
<td>6” O.D. x 12 GA Galv. (15.2 CM - 2.7 MM)</td>
<td>5” O.D. x ⅛” thick (12.7 CM x 3.0 MM)</td>
<td>525 RPM</td>
<td>1,500 BPH (41 TPH)</td>
</tr>
<tr>
<td>8” STANDARD</td>
<td>14' - 48' (4.3 M - 14.6 M)</td>
<td>8” O.D. x 12 GA Galv. (20.3 CM - 2.7 MM)</td>
<td>7” O.D. x ¼” thick (17.8 CM x 6.4 MM)</td>
<td>440 RPM</td>
<td>2,500 BPH (68 TPH)</td>
</tr>
<tr>
<td>10” STANDARD</td>
<td>23’ - 48’ (7.0 M - 14.6 M)</td>
<td>10” O.D. x 12 GA Galv. (25.4 CM - 2.7 MM)</td>
<td>9” O.D. x ¼” thick (22.9 CM x 6.4 MM)</td>
<td>440 RPM</td>
<td>4,000 BPH (108 TPH)</td>
</tr>
<tr>
<td>8” COMMERCIAL</td>
<td>24’ - 78’ (7.3 M - 23.8 M)</td>
<td>8” O.D. x 12 GA Galv. (20.3 CM - 2.7 MM)</td>
<td>7” O.D. x ¼” thick (17.8 CM x 6.4 MM)</td>
<td>440 RPM</td>
<td>2,500 BPH (68 TPH)</td>
</tr>
<tr>
<td>10” COMMERCIAL</td>
<td>24’ - 78’ (7.3 M - 23.8 M)</td>
<td>10” O.D. x 12 GA Galv. (25.4 CM - 2.7 MM)</td>
<td>9” O.D. x ¼” thick (22.9 CM x 6.4 MM)</td>
<td>440 RPM</td>
<td>4,000 BPH (108 TPH)</td>
</tr>
<tr>
<td>12” COMMERCIAL</td>
<td>24’ - 92’ (7.3 M - 28.0 M)</td>
<td>12” O.D. x 12 GA Galv. (30.5 CM - 2.7 MM)</td>
<td>11” O.D. x ¼” thick (27.9 CM x 6.4 MM)</td>
<td>350 RPM</td>
<td>6,300 BPH (170 TPH)</td>
</tr>
<tr>
<td>14” COMMERCIAL</td>
<td>36’ - 92’ (11.0 M - 28.0 M)</td>
<td>14” O.D. x 12 GA Painted (35.6 CM - 2.7 MM)</td>
<td>12 ½” O.D. x ¼” thick (31.8 CM x 6.4 MM)</td>
<td>300 RPM</td>
<td>9,400 BPH (254 TPH)</td>
</tr>
</tbody>
</table>
## En Masse Conveyors

### FEATURES
- Long life of 81 X or 81 XHH roller chain
- Quiet operation and long life of UHMW plastic paddles
- Unquestionable quality of Dodge drives
- High capacity at lower operating speeds, resulting in longer life
- Roller gated wells, rack, and pinion controls for gate wells are used

### Mass-Ter Mover® Unload

For horizontal, inclined and even vertical requirements, the Mass-Ter Mover® unload is a versatile system that will maintain its capacity.

<table>
<thead>
<tr>
<th>MASS-TER MOVER® MODEL</th>
<th>MASS-TER MOVER® HOUSING (ZAM)</th>
<th>CONVEYOR CHAIN</th>
<th>CONVEYOR PADDLE</th>
<th>CHAIN SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>6&quot; x 9&quot; (15.2 x 22.9 CM) 10 GA (3.4 MM) Bottom</td>
<td>81 X Chain</td>
<td>3/8&quot; (9.5 MM) Thick UHMW</td>
<td>150 - 325 FPM (46 - 99 MPM)</td>
<td>2,500 - 5,000 BPH (68 - 135 TPH)</td>
</tr>
<tr>
<td>85</td>
<td>7&quot; x 13&quot; (17.8 x 33 CM) 10 GA (3.4 MM) Bottom</td>
<td>81 XHH Chain</td>
<td>5/8&quot; (15.9 MM) Thick UHMW</td>
<td>150 - 400 FPM (46 - 122 MPM)</td>
<td>4,000 - 10,000 BPH (108 - 270 TPH)</td>
</tr>
<tr>
<td>150</td>
<td>10&quot; x 17&quot; (25.4 x 43.2 CM) 10 GA (3.4 MM) Bottom</td>
<td>Double 81 XHH Chain</td>
<td>5/8&quot; (15.9 MM) Thick UHMW</td>
<td>150 - 350 FPM (46 - 107 MPM)</td>
<td>7,500 - 15,000 BPH (203 - 473 TPH)</td>
</tr>
</tbody>
</table>
Grain Pump™ Unload

The innovative AGI Hutchinson Grain Pump™ utilizes a round tube and paddles and is capable of doing it all in the simplest of systems. This is not just an unloading conveyor, it can fill your storage or transfer grain from one bin to another.

**GRAIN PUMP UNLOAD**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TUBING</th>
<th>CONVEYOR CHAIN</th>
<th>CONVEYOR PADDLE</th>
<th>CHAIN SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; O.D. x 12 GA Galv. (15.2 CM x 2.7 CM)</td>
<td>81 X</td>
<td>3/16&quot; (9.5 MM) Thick UHMW</td>
<td>325 FPM (99 MPM)</td>
<td>2,000 BPH (54 TPH)</td>
</tr>
<tr>
<td>8&quot;</td>
<td>8&quot; O.D. x 12 GA Galv. (20.3 CM x 2.7 MM)</td>
<td>81 XHH</td>
<td>3/16&quot; (9.5 MM) Thick UHMW</td>
<td>325 FPM (99 MPM)</td>
<td>4,000 BPH (108 TPH)</td>
</tr>
<tr>
<td>10&quot;</td>
<td>10&quot; O.D. x 12 GA Galv. (25.4 CM x 2.7 MM)</td>
<td>81 XHH</td>
<td>1/4&quot; (12.7 MM) Thick UHMW</td>
<td>325 FPM (99 MPM)</td>
<td>6,000 BPH (162 TPH)</td>
</tr>
<tr>
<td>12&quot;</td>
<td>12&quot; O.D. x 10 GA Galv. (30.5 CM x 3.4 MM)</td>
<td>81 XHH</td>
<td>1/4&quot; (12.7 MM) Thick UHMW</td>
<td>400 FPM (122 MPM)</td>
<td>10,000 BPH (270 TPH)</td>
</tr>
<tr>
<td>16&quot;</td>
<td>16&quot; O.D. x 7 GA Galv. (40.6 CM x 4.5 MM)</td>
<td>WH 124</td>
<td>5/16&quot; (15.9 MM) Thick UHMW</td>
<td>400 FPM (122 MPM)</td>
<td>10,000 BPH (270 TPH)</td>
</tr>
</tbody>
</table>
The Mass-Ter Mover® unloading power heads can be used in conjunction with 30°, 45°, or 90° corners (15° available on model 50 units) that will provide the discharge height needed. A selection of reducer drives with various chain speeds and horsepower are available to match the capacity required.
Auger Unloading Power Heads

Horizontal

Horizontals available in
6” (15.2 CM) | 8” (20.3 CM)
10” (25.4 CM) | 12” (30.5 CM)

Single and double direct belt drives on units with Standard Components System. Commercial grade furnished with 2, 3 & 4 belt drives, many with oil bath reducers.

Also available: Low-Boy and Variable Angle Auger Connectors (not illustrated). Special length or height power heads available with special drives. Ask for details.

IMPORTANT: Keep all shields and safety devices in place at all times. Observe all safety signs and warnings shown on the product and in the operator’s manual.

25° Incline

Horizontals available in
6” (15.2 CM) | 8” (20.3 CM)
10” (25.4 CM) | 12” (30.5 CM)

Horizontal Unloading Systems through 90’ (27.4 M) diameter bins. Single and double direct belt drives on units with Standard Components System. Commercial Grade furnished with 2, 3 & 4 belt drives, many with oil bath reducers.

5’ (1.5 M) length provides about 2’ (0.6 M) extra discharge height. Includes adjustable support stand to which you can attach optional wheel kit for portability. Two & three belt “B” section drives. Internal bearing in elbow. Units are offered as 6” to 8” (15.2 cm to 20.3 cm), 8” to 10’ (20.3 cm to 25.4 cm), 10’ to 12” (25.4 cm to 30.5 cm), and 12” to 14’ (30.5 cm to 35.6 cm). We recommend the step-up sizes at all times for maximum capacity and smooth grain flow.
Standard Vertical

8" (20.3 CM), and 10" (25.4 CM) verticals stand 16' 6" (5.0 M) tall and are used with Standard Components System on bins through 48' (14.6 M) diameter. Discharge directly into truck, trailer or mill. One drive with heavy right angle oil bath gearbox runs both the vertical and under-bin auger. Drawing on electrical power, this unit, includes 45° discharge with 3' (0.9 M) long solid spout, base support and bin wall mounting brackets. Kit available to attach 8" (20.3 CM) vertical to 6" (15.2 CM) or 10" (25.4 CM) to 8" (20.3 CM) unload tube.

Commercial Double Drive Vertical

8" (20.3 cm), 10" (25.4 cm) and 12" (30.5 CM) Commercial Grade Verticals stand 16' 6" (5.0 M) tall. Separate direct belt or 3:1 oil bath reducer drives on horizontal and vertical sections speed-match capacities. This dual drive design will handle 24' (7.3 M) through 120' (36.6 M) diameter bins. Includes 3' (0.9 M), 45° discharge, base support and wall brackets. Kit available to attach 10" (25.4 CM) unit to 8" (20.3 CM) or 12" (30.5 CM) to 10" (25.4 CM) unload tube.
Double Run Grain Pump

Quality Equipment on Your Farm

Get maximum protection of your commodities with AGI Hutchinson's Double Run Grain Pump. AGI Hutchinson’s grain pumps specialize in gentle handling, have low horsepower requirements and are easy to maintain – saving you time during your busiest seasons. Need a custom solution? AGI Hutchinson's grain pumps are available in a variety of sizes and lengths with options to suit your needs.

Eclipse Towers & Catwalk Solutions

Eclipse offers an innovative design that delivers greater strength and stability with a vast array of component sizes and options. Features include all-galvanized construction for years of durable operation, and a unique modular design that ensures fast assembly for lower upfront costs.
AGI offers complete systems and solutions with industry-leading products to meet your needs. From MFS bins, to NECO Dryers and Hutchinson grain loops and portable systems, along with AGI SureTrack for seed selection, planning, grain management and marketing - AGI has you covered.

For more information on AGI products and solutions, visit aggrowth.com
HUTCHINSON is an AGI Brand.

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, India and Italy and distributes its products globally.

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