**BUCKET ELEVATORS**

**HEAD DESIGN**
- Low-impact head design
- Split-style hood allows for easy interior accessibility
- Lifting eyes are located on the hood of the elevator to ease hood assembly and removal
- Adjustable throat wiper
- Bearing jack bolts with shims for easy leveling of pulley
- Interior lip to keep moisture out and dust in
- Expanded metal-back urethane standard on 36" and larger. Other liners available
- Tapered bushing at pulley to eliminate lateral movement
- Externally mounted, heavy-duty pillow block roller bearings
- Bearing alignment bolts on each side of bearing for proper pulley positioning
- Corrosion-resistant Acme screw take-up
- Bolted construction for easy repair and replacement
- Drip guard/rain guard to shed water and keep internal boot dry
- Optional shovel pocket

**INTERMEDIATE**
- Our patented squaring plates and alignment pins are placed at the top and bottom of every section to align trunking and eliminate the nightmare of twisted trunk sections, making assembly easier.
- Built square and parallel for no-hassle construction
- Sliding view port can be placed in three positions on inspection section
- Ten foot inspection section facilitates belt and splice installation
- Heavy welded frame with large removable panels on inspection section
- Heavy-gauge, huck-bolted units
- Dust-tight and weather-tight protection

**BOOT**
- Large, easy access doors with a unique spring latch
- Large, easy-access clean-out doors with rollers on each side with optional rack and pinion that can be secured with a padlock
- Raised and formed bottom to minimize boot contact with concrete
- Head and boot have UHMW seals at shafts
- Head and boot have heavy 1/4" structural frame
- Corrosion-resistant Acme screw take-up
- Bolted construction for easy repair and replacement
- Drip guard/rain guard to shed water and keep internal boot dry
- Optional shovel pocket

---

"The squaring plates made the trunking easy to assemble. Having one end held together with squaring plates made it easy to hold the other end while trying to put an entire section of trunking together. The ladder and rest platforms also assembled easily."

-Bryan Blakstad
Lodermeier's Inc. - Goodhue, MN
**STANDARD FEATURES**

- **Buckets**
  We use high-density, non-sparking, polyethylene buckets. Nylon, Urethane, and Steel buckets are optional when using highly abrasive materials. Vented buckets are standard.

- **Bearing**
  *Spherical roller bearings* are standard on head shaft sizes up to 4 15/16". *Split Roller Bearings* come standard on 5 7/16" and larger head shaft sizes.

- **Crown-Faced Boot Pulley**
  This comes standard with any bucket elevator.

- **Slide-Lagging Head Pulley**
  Replaceable slide-lagging is ideal for the feed and grain industry.

- **Turned, Ground, and Polished Shaft**
  Sukup utilizes a 1045 TG&P shaft that allows your entire elevator to run smoothly.

- **Low Impact Head Design**
  The Sukup Bucket Elevator head is a controlled design. Instead of the product bouncing off the interior of the head, it slides gently along the contour of the hood. Product damage and back-legging are minimized and the need for an internal shroud is eliminated.

- **Beltling**
  Static conductive, Oil resistant, and Fire Retardant (SOFR) rubber belting is standard on all Sukup Bucket Elevators. Rubber belting has higher bolt retention properties which result in higher maximum bucket projection ratings, and provides maximum oil-based dust suppression additives. Sukup even supplies 10 extra feet of belting with every order to facilitate any belt-splicing configuration you would like to use.

- **Heavy Gauge Trunking**
  12 or 10 gauge trunking units are standard on all elevators.

**OPTIONAL FEATURES**

- **Gravity Take-Up** *(pictured on left)*
  Eases overall use of your bucket elevator. Maintains proper belt tension, and reduces maintenance.

- **Pressure Relief Door**
  NFPA compliant pressure relief doors come standard on 36" head section and larger. Optional on all others. This feature is also optional on trunking.

- **Distributor Platform**
  Available in 4x8 ft.

- **Standard and Flared Inlet Hoppers** *(standard inlet pictured on right)*
  Optional 10-gauge abrasion-resistant liners. Optional 45° inlets are also available

- **Head Service Platform** *(pictured on bottom right)*
  One of the largest in the industry! Increases safety because there is more room to work. Head platforms come pre-assembled from factory.

- **Winged Boot Pulley**
  A Winged Pulley is a great option if you are concerned about material collecting on the pulley face.

- **Spiral Winged Boot Pulley**
  Increased pulley-to-belt contact over winged pulley. Eliminates noise caused by winged pulleys.

- **Herringbone Wing Boot Pulley**
  Wing angles of up to 45°, use the pulleys rotation to eject material out the sides of the pulley.

- **Bearings**
  Tapered roller bearings are available.

**ALSO AVAILABLE...**

- Valving
- Distributors
- Guy Brackets
- Shovel Pockets
- Motion Sensors
- Ceramic Lining
- Reducer Backstops
- Bearing and Surface Sensors
- Belt Misalignment Sensors
- Ladder & Cage Assembly*
*Compliant with OSHA standard 1910.28.
**STANDARD FEATURES**

**HY-FLIGHT & DRAG CONVEYORS**

- **Removable Bearing, Sprocket and Shaft**
  The bearing, sprocket and shaft are all one removable unit on Sukup Drag Conveyors for easier maintenance. The entire assembly can be removed without having to separate the shaft from the bearings or the sprocket.

- **Conveyor Covers**
  Our patented conveyor covers are exclusive to Sukup and will not be found on competitors’ products. Our conveyor cover design reduces the number of tools needed for installation and does not require any sealant at the joints. An added bonus...keeps dust in and water out!

- **Replaceable Components - Bottoms, Liners, Rails & Rollers**
  Moving a lot of grain? We made it easy to replace the worn out parts without replacing the entire body of the conveyor - an additional feature that can save you both time and money. Consider our standard 3/16” and optional 1/4” abrasion-resistant bottoms.

- **Pre-Assembled Chains and Paddles**
  (pictured on right)
  Our conveyor chains come pre-assembled with paddles to help speed installation. They are engineered for each specific unit and are either roller bushed or welded steel. Chain pitch will range from 2.609” up to 4.063” with an average ultimate strength of up to 119,000 lbs. UHMW paddles, 1/2” thick, eliminate the steel-to-steel contact.

**OPTIONAL FEATURES**

**HY-FLIGHT & DRAG CONVEYORS**

- **Bypass Hoppers & Inlets** - Bypass drive-over hoppers with bar grating are available in 6’, 8’, and 10’ lengths and have an adjustable shroud. Longer lengths are optional. Bypass inlet hoppers are available in 3’ and 4’ lengths. 2’ available in select models.

- **Abrasion-Resistance**
  10-gauge Abrasion-Resistant liners for sides. 3/16” Abrasion-Resistant painted bottoms standard. ¼” Abrasion-Resistant bottoms are also available.

- **End Relief Door** - Prevents damage to the conveyor in the event of a discharge plug.

- **Head Take-Up** - Moves chain tension adjustment from the tail to the head.

- **Intermediate Discharge Gates** - Can act as a separate discharge location in addition to the head anywhere along the trough. Made of 7-gauge construction.

- **Bolted Covers** - Replaces standard clamps with bolts running through top.

- **Split Sprockets** - Hub splits open around shaft for easy maintenance.

- **Shaft Guarding** - Protects users from rotating components.

- **Bolt On Inspection Door**

- **Motion Monitor Sensor**

- **Bearing Temp Sensors**

- **Reversing conveyors available on drags**
**HY-FLIGHT CONVEYORS**

**STANDARD FEATURES**
- **Center support plate** at connections prevent return pan from sagging.
- **Heavy-duty bearing mounts** come in 1/4" or 3/8" construction.
- **11-gauge head sides** come standard on 13" and 17" head sections. 7-gauge sides come standard on 21" head sections. All conveyor bodies utilize 11-gauge sides. Conveyor tops are 14-gauge construction. Conveyor bottoms come standard as 3/16" AR construction.
- **Galvanized construction** on all standard conveyors.
- **Open horizontal sections** for grain feed.
- **Modular Curve Section** - If a straight incline just won’t fit, adding a curve section might do the trick. The curve sections are available from 10° to 50° inclines in 5° increments. *(pictured below)*
- Single PC curve section standard on 21" tall and taller
- 1/4" Center Pan standard on 21" and larger

**OPTIONAL FEATURES**
- **Single Piece Curve Section** for 13" and 17"

---

**DRAG CONVEYORS**

**STANDARD FEATURES**
- **Ability to incline** up to 10° on all drags and select models inclines up to 15°. Inclining over 10° will cause a reduction in capacity.
- **11-gauge sides** come standard on 9", 13" and 17" head and tail sections. 7-gauge sides come standard on 21" tail sections. All conveyor bodies utilize 11-gauge sides. Conveyor tops are 14-gauge construction. Conveyor bottoms come standard as 3/16" AR construction.
- **Galvanized construction** on all standard conveyors.
- **Heavy-duty bearing mounts** come in 1/4" or 3/8" construction.

**OPTIONAL FEATURES**
- **Roller Return** - These UHMW rollers come standard on 9", 12", and 16" wide conveyors.
- **Rail Return** - Comes standard on 21" wide or wider conveyors. Optional on 12"* and 16" wide conveyors. Manufactured with 7-gauge construction with 10-gauge AR wear strip. 3/16" AR strip optional.
- **Chain Slack Detector** - Prevents damage to the conveyor if chain becomes loose or breaks.
- **Reversing Feature** - This feature can take grain in either direction and is a great addition if you are looking to unload into two separate bins.
- **Bend Sections** - 5°, 10°, and 15° sections available.

*may impact fill rate conveyor capacity
The Sukup Double Run Conveyor causes less grain damage than a portable auger and is more efficient and economical than augers of similar capacity and length. The compact design enables smooth, quiet operation and requires minimum maintenance. Sukup makes the Double Run Conveyor with 100% UHMW paddles, which come pre-attached to the chain. We also offer intermediate discharge gates (horizontal applications only) as an option to further customize your operation.

**HEAD SECTION**
- ACME threaded take-up comes standard.
- Head discharges available in 45°, 58°, 60°, and 90° angles.
- Optional drive at head.
- Optional overflow door/switch.

**INTERMEDIATE DISCHARGE**
- Modular design.
- Arrives with tubes attached.
- No cutting required during assembly.
- Grain flows in bottom tube, chain returns in top tube.
- Access door on side for inspection and service.
- Ground control kit optional

**TAIL SECTION**
- Standard drive inlet located on tail section. *(pictured on right)*
- Shaft mount Dodge gear reducers *(standard only on 8”, 10”, and 12” conveyors).*
- Shaft uses 2 external bearings to take chain load.
- Sukup drive package includes all components - including the motor pulley. 
  - Motor(s) optional.
- Truss Systems optional

**minimize GRAIN DAMAGE & MAXIMIZE CAPACITY WITH THE FEED FORWARD TAIL DESIGN**
- Shielded Return Chain allows for better grain quality
- Wider inlet provides better flow and feeding
- Right-hand or left-hand drive possible by flipping over the inlet
- Motor on top or bottom by flipping over the tail tube assembly
- Optional drop through gate to 8”, 10” & 12” Double Run

**DID YOU KNOW?**
A DOUBLE RUN CONVEYOR can replace a roof auger, transfer auger, dryer take-away auger or a permanently installed transport auger.
**30°, 32° AND 45° BEND SECTION**

Adding a bend section to a Sukup Double Run Conveyor allows you to feed your dryer directly from your hopper bin with one simple, high capacity conveyor. The horizontal section of the conveyor fits under the hopper and is fed using a bypass inlet. This elbow allows for an incline section creating a more compact conveying system, saving you space in your drying and storing operation.

- Available in 8”, 10” or 12”
- 30°, 32°, and 45° Bend Sections
- Head Drive
- Compact, helps utilize space
- Maximizes capacity and grain quality
- Bypass Hopper Inlet available in 2.75’
- Drive Over Hoppers available in 5’, 8.5’ & 10’

---

**CHAIN LOOP CONVEYORS**

With the Sukup Chain Loop Conveyor, you can fill, unload, blend and transfer grain in one complete system. Loop Systems generally require less power and are gentler on the grain than augers. Vertical installation is used when the centers of the bins are in line and the center sumps discharge into the chain loop tube under the floor. Slanted systems will use a separate unload system that will discharge into the lower tube outside of the grain bins. Sukup offers multiple drive-over dump hopper sizes that are designed to work with your Chain Loop Conveyor.

---

**DRIVE CORNER**

- 1 or 2 per system based on system requirements.
- 8” system up to 60 HP (2 ea. 30 HP drive corners)
- 10” system up to 100 HP (2 ea. 50 HP drive corners)
- 12” system up to 120 HP (2 ea. 60 HP drive corners)
- Sukup drive package includes all components - including the motor pulley. Motor(s) optional.
- Replaceable, abrasion-resistant corners and square to round transitions.
- Dodge shaft mount corner gear reducers use 2 external bearings to take chain load.

---

**STANDARD CORNER**

- 1 per system when using 2 drive corners.
- 2 per system when using 1 drive corner.
- Replaceable, abrasion-resistant corners and square to round transitions.

---

**INSPECTION CORNER**

- Optional gravity take-up. *(pictured above)*
- Access for inspecting chain and paddle wear, as well as chain tightness.

---

**90° DISCHARGE SPOUT**

- Gate and control wheel come standard.
- Discharge gates can be operated from the ground using the ground control kit.
- Optional electric gate control.
- Access door on side for inspection and service.

---

**UHMW paddles are pre-attached to the chain, saving assembly time!**

Green UHMW paddles have increased wear resistance
### Pulleys

<table>
<thead>
<tr>
<th>Pulley Diameter</th>
<th>BPH</th>
<th>Head Gauge</th>
<th>Hood Gauge</th>
<th>Boot Gauge</th>
<th>Boot Gauge</th>
<th>Trunking Gauge</th>
<th>Trunking Gauge</th>
<th>Nominal Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot;</td>
<td>All</td>
<td>12ga</td>
<td>14ga</td>
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<td>12ga</td>
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<td>14ga</td>
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<td>12ga</td>
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<td>36&quot;</td>
<td>All</td>
<td>8ga</td>
<td>12ga</td>
<td>2 7/8&quot;</td>
<td>10ga</td>
<td>12ga</td>
<td>12ga</td>
<td>22x14&quot;</td>
</tr>
<tr>
<td>42&quot;</td>
<td>All</td>
<td>8ga</td>
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<td>7ga</td>
<td>12ga</td>
<td>12ga</td>
<td>22x14&quot;</td>
</tr>
</tbody>
</table>

* Value dependent upon height  
** Low Profile  
NOTE: Other configurations available.

### Belt Speed (FPM)

<table>
<thead>
<tr>
<th>Pulley Diameter</th>
<th>BPH</th>
<th>Head Gauge</th>
<th>Belt Speed (FPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot;</td>
<td>All</td>
<td>12ga</td>
<td>120</td>
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<tr>
<td>24&quot;</td>
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<td>All</td>
<td>8ga</td>
<td>360</td>
</tr>
<tr>
<td>42&quot;</td>
<td>All</td>
<td>8ga</td>
<td>420</td>
</tr>
</tbody>
</table>

### Inspection Section

- Upper End of Legs (1', 2', or 5')
- Standard Sections (as needed)

### Discharge Transition (1' standard)

- A
- B
- C
- D
- E

### SPECIFICATIONS

**BUCKET ELEVATORS**

Upper End of Legs (1', 2', or 5')

Standard Sections (as needed)

**NOTE:** Other configurations available.
DISTRIBUTORS

- 45° wing-back design; heavy-duty, galvanized compact construction; dust and weather tight to reduce contamination.
- Dense, bristle brush seal to minimize product build up inside the distributor and leakage of product into adjacent bins.
- Top and bottom bearing for smooth, easy operation
- Positive locking system for precise spout positioning
- Discharge stubs manufactured from 10 gauge abrasion resistant steel
- Hinged door for inspection and maintenance
- Standard cable control kit
- Internal spout bolted for easy parts replacement
- Optional lined with ¼” EMB urethane

<table>
<thead>
<tr>
<th>SIZE</th>
<th>SUKUP DISTRIBUTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A B C D E F G H</td>
</tr>
<tr>
<td>8”-4 Duct</td>
<td>12 1/8”</td>
</tr>
<tr>
<td>8”-6 Duct</td>
<td>10 7/8”</td>
</tr>
<tr>
<td>8”-8 Duct</td>
<td>10”</td>
</tr>
<tr>
<td>10”-4 Duct</td>
<td>12 1/8”</td>
</tr>
<tr>
<td>10”-6 Duct</td>
<td>12 1/8”</td>
</tr>
<tr>
<td>10”-8 Duct</td>
<td>11 9/16”</td>
</tr>
<tr>
<td>12”-4 Duct</td>
<td>14 1/8”</td>
</tr>
<tr>
<td>12”-6 Duct</td>
<td>12 1/8”</td>
</tr>
<tr>
<td>12”-8 Duct</td>
<td>14 1/8”</td>
</tr>
</tbody>
</table>

NOTE: Other sizes are available through an outside source. Please contact Sukup Manufacturing Co. for further information.

CHAIN LOOP CONVEYORS

NOTE: Support towers are not shown for clarity.
## DOUBLE RUN CONVEYORS

### Maximum Conveyor Lengths (Feet)

<table>
<thead>
<tr>
<th>Electric HP</th>
<th>Degree of Incline</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0°</td>
</tr>
<tr>
<td>10'</td>
<td>Horiz.</td>
</tr>
<tr>
<td></td>
<td>12&quot;</td>
</tr>
<tr>
<td></td>
<td>15&quot;</td>
</tr>
<tr>
<td></td>
<td>20&quot;</td>
</tr>
<tr>
<td></td>
<td>25&quot;</td>
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<td>95&quot;</td>
</tr>
<tr>
<td></td>
<td>100&quot;</td>
</tr>
</tbody>
</table>

### Dimensions of Conveying Chamber

<table>
<thead>
<tr>
<th>Degree of Incline</th>
<th>6&quot; Round</th>
<th>8&quot; Round</th>
<th>10&quot; Round</th>
<th>12&quot; Round</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°</td>
<td>2 (20.3 cm)</td>
<td>2 (20.3 cm)</td>
<td>2 (25.4 cm)</td>
<td>2 (30.5 cm)</td>
</tr>
<tr>
<td>15°</td>
<td>1 (14 mm)</td>
<td>1 (14 mm)</td>
<td>1 (19 mm)</td>
<td>1 (24 mm)</td>
</tr>
<tr>
<td>30°</td>
<td>1 (19 mm)</td>
<td>1 (19 mm)</td>
<td>1 (24 mm)</td>
<td>1 (24 mm)</td>
</tr>
<tr>
<td>45°</td>
<td>1 (19 mm)</td>
<td>1 (19 mm)</td>
<td>1 (24 mm)</td>
<td>1 (24 mm)</td>
</tr>
<tr>
<td>60°</td>
<td>1 (19 mm)</td>
<td>1 (19 mm)</td>
<td>1 (24 mm)</td>
<td>1 (24 mm)</td>
</tr>
</tbody>
</table>

### HORSEPOWER CALCULATIONS

Using HP chart for straight Double Run conveyor:

- Electric HP = 0.042 HP/ft x Length (ft) for 0° inclination.
- Electric HP = 0.076 HP/ft x Length (ft) for 15° inclination.
- Electric HP = 0.114 HP/ft x Length (ft) for 30° inclination.
- Electric HP = 0.180 HP/ft x Length (ft) for 45° inclination.
- Electric HP = 0.268 HP/ft x Length (ft) for 60° inclination.

### Electric HP

- For horizontal section (0° inclination):
  - HP = 0.042 x Length (ft) x Inclined Degree Factor

- For inclined section (15°, 30°, 45°, 60° inclinations):
  - HP = 0.076 x Length (ft) x Inclined Degree Factor

### Electric HP on Drive Packages

Round up to next size drive package.

Example: HP chart for straight Double Run conveyor. Horizontal section is 30'. Inclined section is 40'.

- Horizontal section (30') HP: 0.076 x 30' = 2.28 HP
- Inclined section (40') HP: 0.114 x 40' = 4.56 HP

Total HP: 2.28 HP + 4.56 HP = 6.84 HP

Round up to 7.5 HP.

### OAL and I-O Dimensions

- OAL (Overall Length) = Horizontal section (H) + Inclined section (I)
- I-O (Inlet to Outlet) = Horizontal section (H) + Inclined section (I)

### Specifications

**30°, 32°, and 45° BEND SECTION**

<table>
<thead>
<tr>
<th>Size / Elbow Degree</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; / 30° Elbow</td>
<td>44 1/8&quot;</td>
<td>60&quot;</td>
<td>40&quot;</td>
<td>66 11/16&quot;</td>
<td>42 11/16&quot;</td>
<td>19 9/16&quot;</td>
<td>10 9/16&quot;</td>
<td>58 1/8&quot;</td>
<td>10 9/16&quot;</td>
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<tr>
<td>8&quot; / 45° Elbow</td>
<td>44 1/8&quot;</td>
<td>60&quot;</td>
<td>47 1/8&quot;</td>
<td>59 1/16&quot;</td>
<td>42 11/16&quot;</td>
<td>19 9/16&quot;</td>
<td>31 9/16&quot;</td>
<td>22 1/8&quot;</td>
<td>31 9/16&quot;</td>
</tr>
<tr>
<td>10&quot; / 30° Elbow</td>
<td>46 1/16&quot;</td>
<td>60&quot;</td>
<td>43 3/8&quot;</td>
<td>70 5/16&quot;</td>
<td>44 11/16&quot;</td>
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<tr>
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<td>29 9/16&quot;</td>
<td>17 1/4&quot;</td>
<td>28 1/16&quot;</td>
<td>12 1/2&quot;</td>
</tr>
<tr>
<td>12&quot; / 45° Elbow</td>
<td>53 1/8&quot;</td>
<td>60&quot;</td>
<td>65 3/4&quot;</td>
<td>76 9/16&quot;</td>
<td>51 11/16&quot;</td>
<td>29 9/16&quot;</td>
<td>46 3/8&quot;</td>
<td>28 1/16&quot;</td>
<td>35 9/16&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
- Maximum capacity is also figured in metric tons per hour (MTPH).
- *Capacity based on 0° incline. Increasing incline will result in capacity reduction.
- *Based on clean, dry corn with complete fill of inlet.
### DRAG CONVEYORS

<table>
<thead>
<tr>
<th>Model #</th>
<th>CAPACITIES BPH</th>
<th>100 FPM</th>
<th>125 FPM</th>
<th>150 FPM</th>
<th>175 FPM</th>
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<td>909</td>
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<td>2,064</td>
<td>2,580</td>
<td>3,097</td>
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<td>913</td>
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<td>1,691</td>
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<td>2,740</td>
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<td>4,110</td>
<td>4,796</td>
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<td>1217</td>
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<td>5,776</td>
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<td>8,087</td>
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<td>1221</td>
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<td>11,333</td>
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<td>15,867</td>
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<td>17,086</td>
<td>21,357</td>
<td>25,628</td>
<td>30,754</td>
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</table>

### HY-FLIGHT CONVEYORS

- **NOTE:** Use of bend and incline sections requires a double paddle chain.

### DRAG CONVEYOR WITH BEND AND INCLINE SECTIONS

- Bend and incline sections are used to increase discharge height.
- 5° bend and incline sections give you 1 1/32" of rise for every foot of run.
- 10° bend and incline sections give you 2 1/8" of rise for every foot of run.

### NOTE:

- Capacities based on clean, dry, whole grains; All 9" conveyors have tapered head sections.
- Contact Sukup Manufacturing Co. for dimensional information on other styles of inlets.
- ** Estimates only. Contact Sukup Manufacturing Co. for actual dimensions.
- NOTE: The use of a by-pass inlet will decrease the conveyor capacity.
### BY-PASS HOPPER WITH DRIVE OVER GRATING

<table>
<thead>
<tr>
<th>Model #</th>
<th>By-Pass Hopper with Drive-Over Grating</th>
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</thead>
<tbody>
<tr>
<td>HF1213</td>
<td>55 3/4&quot; 47 1/2&quot; 42 7/16&quot;</td>
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<tr>
<td>HF1613</td>
<td>55 3/4&quot; 47 1/2&quot; 42 7/16&quot;</td>
</tr>
<tr>
<td>HF1617</td>
<td>55 3/4&quot; 47 1/2&quot; 42 7/16&quot;</td>
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<tr>
<td>HF2117</td>
<td>55 3/4&quot; 47 1/2&quot; 42 7/16&quot;</td>
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<tr>
<td>HF2121</td>
<td>55 3/4&quot; 47 1/2&quot; 42 7/16&quot;</td>
</tr>
<tr>
<td>HF2721</td>
<td>55 3/4&quot; 47 1/2&quot; 42 7/16&quot;</td>
</tr>
<tr>
<td>HF3321</td>
<td>67 3/4&quot; 59 3/8&quot; 54 1/2&quot;</td>
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</tbody>
</table>

### BY-PASS INLET

### WIDE BY-PASS HOPPER

<table>
<thead>
<tr>
<th>Model #</th>
<th>Low Profile ByPass Hopper</th>
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</thead>
<tbody>
<tr>
<td>HF1213</td>
<td>61&quot; 53 3/16&quot; 24 3/16&quot; 5 1/16&quot; 15 1/2&quot; 12 1/2&quot; 14 1/2&quot;</td>
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<tr>
<td>HF1613</td>
<td>69&quot; 61&quot; 26 3/16&quot; 5 1/16&quot; 19 1/2&quot; 16 1/2&quot; 14 1/2&quot;</td>
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<td>HF1617</td>
<td>77 3/16&quot; 70&quot; 30 3/16&quot; 5 1/16&quot; 19 1/2&quot; 16 1/2&quot; 18 1/2&quot;</td>
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<td>HF2117</td>
<td>86 3/16&quot; 78 3/16&quot; 32 1/2&quot; 5 1/16&quot; 24&quot; 21&quot; 18 1/2&quot;</td>
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<tr>
<td>HF2121</td>
<td>94 1/2&quot; 86 1/16&quot; 36 3/16&quot; 5 1/16&quot; 24&quot; 21&quot; 22 1/2&quot;</td>
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<tr>
<td>HF2721</td>
<td>106 3/16&quot; 98 3/16&quot; 39 3/16&quot; 5 1/16&quot; 30&quot; 27&quot; 22 1/2&quot;</td>
</tr>
<tr>
<td>HF3321</td>
<td>56 7/8&quot; 47 3/4&quot; 44 1/4&quot;</td>
</tr>
</tbody>
</table>

**NOTE:** For commercial applications see Material Handling Commercial Series brochure.

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**BY-PASS INLET**

- Model #
  - HF1213: 44 1/2" 35 3/4" 27 1/2"
  - HF1613: 44 1/2" 35 3/4" 27 1/2"
  - HF1617: 44 1/2" 35 3/4" 33 1/2"
  - HF2117: 44 1/2" 35 3/4" 33 1/2"
  - HF2121: 44 1/2" 35 3/4" 37 1/2"
  - HF2721: 44 1/2" 35 3/4" 41 1/2"
  - HF3321: 56 1/2" 47 3/4" 44 1/4"

**WIDE BY-PASS HOPPER**

- Model #
  - HF1213: 61" 53 3/16" 24 3/16" 5 1/16" 15 1/2" 12 1/2" 14 1/2"
  - HF1613: 69" 61" 26 3/16" 5 1/16" 19 1/2" 16 1/2" 14 1/2"
  - HF1617: 77 3/16" 70" 30 3/16" 5 1/16" 19 1/2" 16 1/2" 18 1/2"
  - HF2117: 86 3/16" 78 3/16" 32 1/2" 5 1/16" 24" 21" 18 1/2"
  - HF2121: 94 1/2" 86 1/16" 36 3/16" 5 1/16" 24" 21" 22 1/2"
  - HF2721: 106 3/16" 98 3/16" 39 3/16" 5 1/16" 30" 27" 22 1/2"
  - HF3321: 56 7/8" 47 3/4" 44 1/4"

**NOTE:** Available in longer overall lengths using multiple hoppers that bolt to each other.

Contact Sukup Manufacturing Co. for further information.

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**Sukup Manufacturing Co.**

**www.sukup.com**

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