





## Screw Conveyors

### Sample Applications:

Powdered Milk  
Ground Meat  
Glass Bead  
Chemicals  
Cosmetics  
Pigments  
Regrind  
Plastics  
Pellets  
Resins  
Batter  
Cereal  
Sugar  
Food  
Grain  
Flour  
Corn  
Seed  
Clay  
Salt




6" Stainless Steel Split Tube



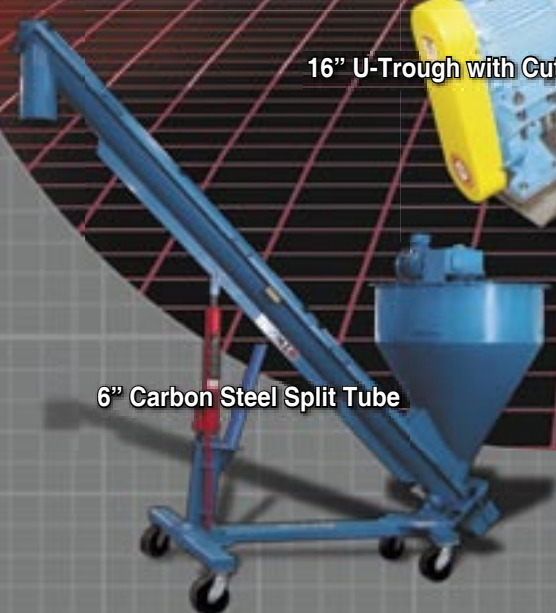
6" Tubular with Dust Hood



16" U-Trough with Cut Flighting



14" U-Trough with Custom Hopper



6" Carbon Steel Split Tube









For more information  
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# Screw Conveyors

|                       |   |
|-----------------------|---|
| <b>JOB ENGINEERED</b> | S. Howes' sales and engineering personnel can recommend a standard design for your application or work with you to develop a custom design, depending on your unique needs. If the features you need are not listed, call to see how we can develop a solution to meet your requirements. |
|-----------------------|---|

| STANDARD FEATURES FOR ALL S. HOWES CONVEYORS  | OPTIONAL FEATURES   |
|---|---|
| <ul style="list-style-type: none"> <li>HEAVY-DUTY construction is standard, starting with 7 GA troughs and ¼" flighting</li> <li>Stainless steel, carbon steel, or other alloys available for construction</li> <li>Portable, inclinable standard designs</li> <li>Bottom mount direct drive, top mount available</li> <li>Continuous or intermittent auger weld</li> </ul> | <ul style="list-style-type: none"> <li>High grade finishes up to #4 or higher</li> <li>Agitators for hoppers</li> <li>Packing Gland Seals</li> <li>Rotating Mechanical Seals</li> <li>Low clearance augers</li> <li>Oversized shafting</li> <li>Custom drive arrangements</li> <li>Motor Controls</li> <li>... built to your specifications &amp; requirements</li> </ul> |

| CONVEYOR MODELS   |   | HOPPER MODELS  |   |
|---|---|--|---|
| Split-Tube  | <ul style="list-style-type: none"> <li>Unique S. Howes design</li> <li>Hinged covers allow for easy access and cleaning</li> <li>Perfect for food applications</li> <li>Hoppers are removable</li> <li>Maintenance friendly</li> <li>Tubular conveyor efficiency</li> </ul> | Standard   | <ul style="list-style-type: none"> <li>Standard sizes of 1 ¼, 2 ¼, 4, and 5 ½ cubic feet are available</li> <li>Larger holding capacity options</li> <li>Custom covers</li> <li>Removable or bolted safety grating</li> <li>Spiked agitators available</li> </ul> |
|    |   |    |   |
| Tubular   | <ul style="list-style-type: none"> <li>Economical</li> <li>Ideal for single-product use</li> <li>Eliminates U-Trough dead space</li> <li>Heating &amp; cooling options</li> </ul>   | Thru-Flow  | <ul style="list-style-type: none"> <li>Designed for difficult materials prone to bridging</li> <li>Easily mates to other equipment</li> <li>Optional jacket for heating and cooling</li> </ul>  |
|  |   |   |   |
| U-Trough  | <ul style="list-style-type: none"> <li>Accessible auger</li> <li>Heating &amp; cooling options</li> <li>Variety of liners available</li> </ul>  | Conical  | <ul style="list-style-type: none"> <li>Perfect for difficult materials prone to bridging</li> <li>Spiked or ribbon agitators available</li> </ul>   |
|  |   |  |   |
| Custom  | <ul style="list-style-type: none"> <li>Multiple augers</li> <li>Unloading hoppers</li> <li>Live-bottom bins</li> <li>Non-standard sizes</li> <li>Plastic augers</li> </ul>  | Custom   | <ul style="list-style-type: none"> <li>Custom engineered agitators</li> <li>Special geometry</li> <li>Dust hoods</li> <li>Self-unloading hoppers</li> </ul>   |
|  |   |  |   |

| CONVEYOR CAPACITY GUIDE*    |           |            |            |                |                |                |                |                  |
|-----------------------------|-----------|------------|------------|----------------|----------------|----------------|----------------|------------------|
| AUGER DIAMETER              | 4"        | 6"         | 8"         | 10"            | 12"            | 14"            | 16"            | 24"              |
| CAPACITY (FT <sup>3</sup> ) | 70 to 120 | 200 to 380 | 500 to 860 | 1,300 to 2,000 | 2,200 to 3,000 | 3,100 to 5,000 | 4,750 to 8,100 | 16,500 to 25,000 |

\* Capacities are approximate and dependent on product characteristics and other factors

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