All safety guarding to be safety yellow unless otherwise specified.

Other items available, please contact factory.

Other colors available on request

---

Standard Paint Colors

Colors illustrated below may vary slightly from actual paint colors.

- **Conveyor Blue**
  - 110549
  - RAL-6005

- **Safety Blue**
  - 110552
  - RAL-5019

- **Machinery Grey**
  - 110652
  - RAL-7011

- **Safety Orange**
  - 110559
  - RAL-2010

- **Gloss White**
  - 111232
  - RAL-9003

- **Dark Green**
  - 110555
  - RAL-6005

- **Conveyor Gray**
  - Safety Yellow
  - 110554
  - RAL-1023

- **Light Ivory**
  - 115174
  - RAL-1015

- **Conveyor Green**
  - 115886

- **Gloss Black**
  - 111233
  - RAL-9005
  - (Textured black available)

- **Dark Blue**
  - 114815

- **Light Blue**
  - 110554
  - RAL-5012

- **Sky Blue**
  - 110554
  - RAL-5015

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Roseville, Michigan  •  Phone: (586) 771-1881  •  www.ultimationinc.com
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1. Determine series of leg support needed based on supports listed in the conveyor’s catalog page or by locating the conveyor model in the left-side chart below that it will attach to.
2. Determine the support size needed by taking the required dimension from the floor to top of conveying surface and subtracting the conveyor height. Find the appropriate min/max range.
3. Determine complete model number by inserting the between frame width (BF). See model number breakdown below.

**EXAMPLE:** The model RS19 gravity with a 19” BF conveyor uses an SMS floor support per catalog page. You can also find it in the left-side chart in the BF column. Looking at the right-side chart for the SMS floor support, you find that an SMS-6 will accommodate 23 5/8” to 35 5/8” TOL. Inserting the BF, the complete model number for required support is an SMS-6-19.

**Selection Process**

**Stationary floor supports** are used for more permanent installations and are typically lagged to the floor. They are available in a wide range of heights.

**Support upright:**
- **4" x 5.4" Structural channel**
- **4" x 1 5/8" x 10 ga. Formed channel**
- **3" x 1 1/2" x 12 ga. Formed channel**

**SUPPORT MIN MAX**
- **SLS-4 15 5/16" 21 5/16"**
- **SMS-4 15 5/8" 21 5/8"**
- **SMSL-3 4 3/4" 7 3/8"**
- **SLSL-2 3" 4 3/4"**
- **SLSL-1 2" 3"**
- **SLS-1.4 9 5/16" 11 1/16"**
- **SLS-1.2 8" 10 1/16"**
- **SLS-1 7" 9 1/16"**
- **SLS-0.16 4 3/4" 6 1/8"**
- **SLS-0.15 4" 5/8" 6"**
- **SLS-0.14 3 5/8" 5 3/8"**
- **SLS-0.13 3 1/4" 4 7/8"**
- **SLS-0.12 2 3/4" 4 1/4"**
- **SLS-0.11 2" 3 5/8"**
- **SLS-0.10 1 7/8" 3 1/4"**
- **SLS-0.09 1 3/4" 2 3/4"**
- **SLS-0.08 1 1/2" 2"**
- **SLS-0.07 1" 1 3/8"**
- **SLS-0.06 7/8" 1 1/8"**
- **SLS-0.05 5/8" 1"**
- **SLS-0.04 1/2" 3/4"**
- **SLS-0.03 1/4" 1/2"**

**SHS-5 16 5/8" 19 5/8"**
- **SHS-4 15 1/8" 18 1/8"**
- **SHS-3 13 3/4" 16 3/4"**
- **SHS-2 12 7/8" 15 7/8"**
- **SHS-1 11 1/2" 14 1/2"**
- **SHS-1.4 10 3/4" 13 3/4"**
- **SHS-1.2 9 3/4" 12 3/4"**
- **SHS-1 8 3/4" 11 3/4"**
- **SHS-0.16 4 5/8" 6 5/8"**
- **SHS-0.15 4 1/4" 5 5/8"**
- **SHS-0.14 3 5/8" 4 7/8"**
- **SHS-0.13 3 1/4" 4 3/4"**
- **SHS-0.12 2 3/4" 3 7/8"**
- **SHS-0.11 2" 3 1/8"**
- **SHS-0.10 1 7/8" 2 7/8"**
- **SHS-0.09 1 1/2" 1 7/8"**
- **SHS-0.08 1" 1 1/8"**

**SHSF-30 24 5/8" fixed height**
- **SHSF-29 23 5/8" fixed height**
- **SHSF-28 22 5/8" fixed height**
- **SHSF-27 21 5/8" fixed height**
- **SHSF-26 20 5/8" fixed height**
- **SHSF-25 19 5/8" fixed height**
- **SHSF-24 18 5/8" fixed height**
- **SHSF-23 17 5/8" fixed height**
- **SHSF-22 16 5/8" fixed height**
- **SHSF-21 15 5/8" fixed height**
- **SHSF-20 14 5/8" fixed height**
- **SHSF-19 13 5/8" fixed height**
- **SHSF-18 12 5/8" fixed height**
- **SHSF-17 11 5/8" fixed height**
- **SHSF-16 10 5/8" fixed height**
- **SHSF-15 9 5/8" fixed height**
- **SHSF-14 8 5/8" fixed height**
- **SHSF-13 7 5/8" fixed height**
- **SHSF-12 6 5/8" fixed height**
- **SHSF-11 5 5/8" fixed height**
- **SHSF-10 4 5/8" fixed height**
- **SHSF-9 4" fixed height**

**SMSD-2 13 5/16" 16 1/16"**
- **SMSD-1.4 12 5/16" 14 5/16"**
- **SMSD-1.2 11 5/16" 13 1/16"**
- **SMSD-1 10 5/16" 12 1/16"**
- **SMSD-0-16 9 3/4" fixed height**
- **SMSD-0-15 8 3/4" fixed height**
- **SMSD-0-14 7 3/4" fixed height**
- **SMSD-0-13 6 3/4" fixed height**
- **SMSD-0-12 5 3/4" fixed height**
- **SMSD-0-11 4 3/4" fixed height**
- **SMSD-0-10 3 3/4" fixed height**
- **SMSD-0-9 2 3/4" fixed height**
- **SMSD-0-8 2" fixed height**
- **SMSD-0-7 1 3/4" fixed height**
- **SMSD-0-6 1 1/2" fixed height**
- **SMSD-0-5 1" fixed height**
- **SMSD-0-4 7/8" fixed height**
- **SMSD-0-3 3/4" fixed height**

**SMS-12 91 1/2" 103 1/2"**
- **SMS-11 79 1/2" 91 1/2"**
- **SMS-10 69 1/2" 81 1/2"**
- **SMS-9 57 1/2" 69 1/2"**
- **SMS-8 45 1/2" 57 1/2"**
- **SMS-7 33 1/2" 45 1/2"**
- **SMS-6 23 1/2" 35 1/2"**
- **SMS-5 19 1/2" 25 1/2"**
- **SMS-4 15 1/2" 21 1/2"**
- **SMS-3 12 1/2" 18 1/2"**
- **SMS-2 10 1/2" 16 1/2"**
- **SMS-1 8 1/2" 14 1/2"**
- **SMS-0.16 4 1/4" 6 1/4"**
- **SMS-0.15 3 1/2" 5 1/2"**
- **SMS-0.14 3" 5"**
- **SMS-0.13 2 1/4" 4 1/4"**
- **SMS-0.12 1 1/2" 3 1/2"**
- **SMS-0.11 1" 2 1/2"**
- **SMS-0.10 1/2" 2"**
- **SMS-0.09 3/8" 1 3/8"**
- **SMS-0.08 1/4" 1/2"**

**CAPACITY:**
- **SLS, SMS, SMSD ....................... 1500 lbs. each**
- **SHS and SHSF ......................... 4000 lbs. each**

**OPTIONAL EQUIPMENT:**
- **Knee braces**
- **Single center leg**

**modelo NUMBER**

**Modelo**
- **SLS - 7 - 21**
  - **Largura (M):**
  - **altura (M):**
  - **Capacidad (M):**
  - **Support Type:** Stationary
PORTABLE FLOOR SUPPORTS

Portable floor supports are available on single bed conveyors. They are ideal for applications requiring temporary removal of a conveyor section or for applications requiring frequent relocation.

<table>
<thead>
<tr>
<th>CONVEYOR MODEL</th>
<th>CONVEYOR HEIGHT</th>
<th>TOP OF LEG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RS14, RC14, RL14, RR14, WSS, WAS, WSC, WAC, WSL, WSR, WAL, WAR</strong></td>
<td><strong>2 3/4”</strong></td>
<td><strong>PLS-4</strong> 21 9/16 26 15/16 23 7/16 28 13/16</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PLS-5</strong> 25 9/16 31 9/16 27 7/16 33 7/16</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PLS-6</strong> 29 9/16 41 9/16 31 7/16 43 7/16</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PLS-7</strong> 39 9/16 51 9/16 41 7/16 53 7/16</td>
</tr>
<tr>
<td><strong>BTT25</strong></td>
<td><strong>2 3/4”</strong></td>
<td><strong>PLS-4</strong> 21 9/16 26 15/16 23 7/16 28 13/16</td>
</tr>
<tr>
<td><strong>RS19, RC19, RL19, RR19 (Roller set high)</strong></td>
<td><strong>3 3/4”</strong></td>
<td><strong>PMS-4</strong> 21 1/4 27 1/4 23 1/8 29 1/8</td>
</tr>
<tr>
<td><strong>RS19, RC19, RL19, RR19 (Roller set low)</strong></td>
<td><strong>3 3/4”</strong></td>
<td><strong>PMS-5</strong> 25 1/4 31 1/4 27 1/8 33 1/8</td>
</tr>
<tr>
<td><strong>BTT35</strong></td>
<td><strong>3 3/4”</strong></td>
<td><strong>PMS-6</strong> 29 1/4 41 1/4 31 1/8 43 1/8</td>
</tr>
<tr>
<td><strong>BS100B</strong></td>
<td><strong>4 1/8”</strong></td>
<td><strong>PMS-7</strong> 39 1/4 51 1/4 41 1/8 53 1/8</td>
</tr>
<tr>
<td><strong>BS100C, BR100C, BSI, BRI</strong></td>
<td><strong>6 7/8”</strong></td>
<td><strong>PMS-8</strong> 51 1/4 63 1/4 53 1/8 65 1/8</td>
</tr>
<tr>
<td><strong>BS300B</strong></td>
<td><strong>6 7/8”</strong></td>
<td><strong>PMS-9</strong> 63 1/4 75 1/4 65 1/8 77 1/8</td>
</tr>
</tbody>
</table>

**4 IN. DIA. CASTERS 6 IN. DIA. CASTER**

- **4 in. dia. caster**
  - Rigid or swivel
  - Steel, rubber or phenolic
  - Load height = 5 5/8 in.
  - Swivel radius = 3 9/16 in.
  - Swivel caster with brake

- **6 in. dia. caster**
  - Rigid or swivel
  - Steel, rubber or phenolic
  - Load height = 7 1/2 in.
  - Swivel radius = 5 in.
  - Swivel caster with brake

**Model Number**

- **PLS - 7 - 21 - 4 P SCB**
  - Caster Type
    - (RC) Rigid Caster
    - (SCB) Swivel Caster w/Brake
  - Caster Material
    - (S) Steel
    - (R) Rubber
    - (P) Phenolic
  - Caster Diameter (6 in. or 8 in.)
  - Between frames (BF)
    - (LS) Light duty support
    - (MS) Medium duty support
  - Size (Related to support height range)
    - (MS) Medium duty support
  - Support Type: Portable
TRIPOD SUPPORTS

Adjustable Tripod Supports are ideal for setting up temporary sections of skatewheel conveyor or 1 3/8 in. dia. gravity roller conveyor. Tripod supports are placed under the spreaders of these conveyor sections.

- 4 widths
- Easily relocated
- Easily adjusted

<table>
<thead>
<tr>
<th>CONVEYOR OVERALL WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEIGHT</td>
</tr>
<tr>
<td>12&quot; 15&quot; 18&quot; 24&quot;</td>
</tr>
<tr>
<td>12&quot;</td>
</tr>
<tr>
<td>MIN</td>
</tr>
<tr>
<td>MAX</td>
</tr>
<tr>
<td>WT. (LBS.)</td>
</tr>
<tr>
<td>WT. (LBS.)</td>
</tr>
<tr>
<td>WT. (LBS.)</td>
</tr>
<tr>
<td>WT. (LBS.)</td>
</tr>
<tr>
<td>MODEL NO.</td>
</tr>
<tr>
<td>WT. (LBS.)</td>
</tr>
<tr>
<td>WT. (LBS.)</td>
</tr>
</tbody>
</table>

Capacity: 350 lbs. with 180 in. lbs of torque on locking lever (no shock loading)

CEILING HANGERS

Ceiling hangers provide an alternate means of supporting conveyor sections where maximum utilization of floor space is needed or where required heights exceed floor support capability.

- 5/8 in. fully threaded galvanized rods
- 8 ft., 10 ft. or 12 ft. rods (additional couplings nuts and rods available)

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>MODEL NO.</th>
<th>LBS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling hanger hardware with 8 ft rods</td>
<td>CHGR-15F-8</td>
<td>35</td>
</tr>
<tr>
<td>Ceiling hanger hardware with 10 ft rods</td>
<td>CHGR-15F-10</td>
<td>39</td>
</tr>
<tr>
<td>Ceiling hanger hardware with 12 ft rods</td>
<td>CHGR-15F-12</td>
<td>49</td>
</tr>
<tr>
<td>Ceiling hanger hardware less rods</td>
<td>CHGR-15F-LR</td>
<td>19</td>
</tr>
</tbody>
</table>

*When supporting conveyor frames with 1 in. flange, this dimension will be 2 1/2"
Poly-tier supports provide a means of supporting two or three levels of conveyor. They are available on most horizontal gravity and powered conveyors in place of SLS or SMS supports.

- Painted steel supports
- Two or three tier
- Conveyor widths from 10 in. to 42 in.
- 36 in. to 120 in. support heights
- 1500 lb. capacity per cross pipe
- 4500 lb. capacity per support

<table>
<thead>
<tr>
<th>SUPPORT HEIGHT</th>
<th>2 TIER MODEL NO.</th>
<th>WT. (LBS.)</th>
<th>3 TIER MODEL NO.</th>
<th>WT. (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot;</td>
<td>PTS-&quot;BF&quot;-2-36</td>
<td>81</td>
<td>PTS-&quot;BF&quot;-3-36</td>
<td>109</td>
</tr>
<tr>
<td>42&quot;</td>
<td>PTS-&quot;BF&quot;-2-42</td>
<td>85</td>
<td>PTS-&quot;BF&quot;-3-42</td>
<td>113</td>
</tr>
<tr>
<td>48&quot;</td>
<td>PTS-&quot;BF&quot;-2-48</td>
<td>89</td>
<td>PTS-&quot;BF&quot;-3-48</td>
<td>117</td>
</tr>
<tr>
<td>54&quot;</td>
<td>PTS-&quot;BF&quot;-2-54</td>
<td>93</td>
<td>PTS-&quot;BF&quot;-3-54</td>
<td>121</td>
</tr>
<tr>
<td>60&quot;</td>
<td>PTS-&quot;BF&quot;-2-60</td>
<td>97</td>
<td>PTS-&quot;BF&quot;-3-60</td>
<td>125</td>
</tr>
<tr>
<td>66&quot;</td>
<td>PTS-&quot;BF&quot;-2-66</td>
<td>101</td>
<td>PTS-&quot;BF&quot;-3-66</td>
<td>129</td>
</tr>
<tr>
<td>72&quot;</td>
<td>PTS-&quot;BF&quot;-2-72</td>
<td>104</td>
<td>PTS-&quot;BF&quot;-3-72</td>
<td>133</td>
</tr>
<tr>
<td>78&quot;</td>
<td>PTS-&quot;BF&quot;-2-78</td>
<td>108</td>
<td>PTS-&quot;BF&quot;-3-78</td>
<td>137</td>
</tr>
<tr>
<td>84&quot;</td>
<td>PTS-&quot;BF&quot;-2-84</td>
<td>112</td>
<td>PTS-&quot;BF&quot;-3-84</td>
<td>140</td>
</tr>
<tr>
<td>90&quot;</td>
<td>PTS-&quot;BF&quot;-2-90</td>
<td>116</td>
<td>PTS-&quot;BF&quot;-3-90</td>
<td>144</td>
</tr>
<tr>
<td>96&quot;</td>
<td>PTS-&quot;BF&quot;-2-96</td>
<td>120</td>
<td>PTS-&quot;BF&quot;-3-96</td>
<td>148</td>
</tr>
<tr>
<td>102&quot;</td>
<td>PTS-&quot;BF&quot;-2-102</td>
<td>124</td>
<td>PTS-&quot;BF&quot;-3-102</td>
<td>152</td>
</tr>
<tr>
<td>108&quot;</td>
<td>PTS-&quot;BF&quot;-2-108</td>
<td>128</td>
<td>PTS-&quot;BF&quot;-3-108</td>
<td>156</td>
</tr>
<tr>
<td>114&quot;</td>
<td>PTS-&quot;BF&quot;-2-114</td>
<td>132</td>
<td>PTS-&quot;BF&quot;-3-114</td>
<td>160</td>
</tr>
<tr>
<td>120&quot;</td>
<td>PTS-&quot;BF&quot;-2-120</td>
<td>136</td>
<td>PTS-&quot;BF&quot;-3-120</td>
<td>164</td>
</tr>
</tbody>
</table>

*When supporting conveyor frames with 1 in. flange, this dimension will be 1-1/2"*
SOLID SIDE GUIDE
- Adjustable channel guide rail
- Heights: 2 in., 4 in., 6 in., 9 in. and 12 in.
- Includes formed top with alignment strip
- Powder coated steel

ADJUSTABLE CHANNEL
- Adjustable channel guide rail
- 1 5/8 in. x 1 in. galvanized channel
- Continuous joint
- Powder coated steel

FIXED ANGLE
- Type “A”
- Type “B”
- Bolts to top of conveyor frame
- Type B is mounted with button head screws
- 1" x 1" x 12 ga. – For skatewheel conveyor and RS14 gravity conveyors

FIXED CHANNEL
- Bolts to top of conveyor channel frame
- 2 1/2" x 1" x 12 ga. – For skatewheel conveyor and RS14 gravity conveyors
- 3 1/2" x 1 1/2" x 12 ga. – For RS19 gravity conveyors, BS100C and BR100C belt conveyors
- Powder coated steel
Dead stops can be placed on a section of skatewheel or 1 3/8 in. dia. gravity roller conveyor to lift or stop cartons or boxes. They can be easily relocated as needed.

### Terminating End Stop

Terminating end stops mount to the end of conveyor for stopping cartons or boxes. They bolt into the conveyor butt couplings.

<table>
<thead>
<tr>
<th>Applicable Conveyor</th>
<th>Stop Model No.</th>
<th>Conveyor Flange</th>
<th>Weight (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSS, WAS and RS14</td>
<td>TES-“BF”-1</td>
<td>1”</td>
<td>8.0</td>
</tr>
<tr>
<td>RS19</td>
<td>TES-“BF”-1.5</td>
<td>1 1/2”</td>
<td>12.0</td>
</tr>
</tbody>
</table>

Note: BF = OAW - (2 x Conveyor Flange Width)

### Channel End Stop

Channel end stops mount to the end of conveyor for stopping heavier products. They bolt into the conveyor butt couplings.

<table>
<thead>
<tr>
<th>Applicable Conveyor</th>
<th>Stop Model No.</th>
<th>Channel</th>
<th>Conveyor Flange</th>
<th>Weight (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS25</td>
<td>CES-“BF”-1.625</td>
<td>6” x 8.2# structural channel</td>
<td>1 5/8”</td>
<td>32 40</td>
</tr>
</tbody>
</table>

Note: BF = OAW - 3 1/4”
**Angle End Stop**

Angle end stops mount to the end of the conveyor for stopping boxes or cartons. They bolt to top flange of conveyor side frame and are available in all standard conveyor widths.

<table>
<thead>
<tr>
<th>APPLICABLE CONVEYOR</th>
<th>STOP MODEL NO.</th>
<th>ANGLE</th>
<th>CONVEYOR FLANGE</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSS, WAS, RS14, VBS14</td>
<td>AES-&quot;BF&quot;-1</td>
<td>1 1/2&quot; x 1 1/2&quot; x 12 ga. steel</td>
<td>1&quot;</td>
<td>2.3</td>
</tr>
<tr>
<td>RS19, BDS19, VBS19</td>
<td>AES-&quot;BF&quot;-1.5</td>
<td>1 1/2&quot; x 1 1/2&quot; x 12 ga. steel</td>
<td>1 1/2&quot;</td>
<td>2</td>
</tr>
<tr>
<td>RS25</td>
<td>AES-&quot;BF&quot;-1.6</td>
<td>2&quot; x 2&quot; x 1/4&quot; steel</td>
<td>1 5/8&quot;</td>
<td>6.5</td>
</tr>
</tbody>
</table>

Note: BF = OAW - (2 x Conveyor Flange Width)

---

**Roller End Stop**

Roller end stops can be mounted to the end of the conveyor or at any desired location along conveyor to stop boxes or cartons. Roller support brackets bolt to top flange of conveyor side frame. Available for all standard conveyor widths.

<table>
<thead>
<tr>
<th>APPLICABLE CONVEYOR</th>
<th>STOP MODEL NO.</th>
<th>CONVEYOR FLANGE</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSS, WAS, RS14, VBS14</td>
<td>RES-&quot;BF&quot;-1</td>
<td>1&quot;</td>
<td>5.0</td>
</tr>
<tr>
<td>RS19, BDS19, VBS19</td>
<td>RES-&quot;BF&quot;-1.5</td>
<td>1 1/2&quot;</td>
<td>5.0</td>
</tr>
</tbody>
</table>

Note: 150 lb. capacity at 65 FPM; BF = OAW - (2 x Conveyor Flange Width)
**MANUAL STOP**  
(Blade or Roller)

Manually operated blade or roller stops are actuated by hand to raise and lower the blade/roller. They are ideal for assembly work stations, shipping areas and other processes requiring personnel to temporarily stop a product. They are mounted to the underside of conveyor frames.

<table>
<thead>
<tr>
<th>APPLICABLE CONVEYOR</th>
<th>STOP MODEL NO.</th>
<th>CONVEYOR FRAME</th>
<th>WEIGHT</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade Stop</td>
<td>RS14</td>
<td>MBS-&quot;BF&quot;-2.5x1</td>
<td>1-1/2&quot; high x 1&quot; flange</td>
<td>47 Lbs.</td>
</tr>
<tr>
<td></td>
<td>VBS14</td>
<td>MBS-&quot;BF&quot;-6.5x1</td>
<td>1-1/2&quot; high x 1&quot; flange</td>
<td>47 Lbs.</td>
</tr>
<tr>
<td>Blade Stop</td>
<td>RS19</td>
<td>MBS-&quot;BF&quot;-3.5x1.5</td>
<td>3-1/2&quot; high x 1 1/2&quot; flange</td>
<td>150 Lbs.</td>
</tr>
<tr>
<td></td>
<td>BDS19, VBS19</td>
<td>MBS-&quot;BF&quot;-6.5x1.5</td>
<td>3-1/2&quot; high x 1 1/2&quot; flange</td>
<td>150 Lbs.</td>
</tr>
<tr>
<td>Roller Stop</td>
<td>RS14</td>
<td>MRS-&quot;BF&quot;-2.5x1</td>
<td>2-1/2&quot; high x 1&quot; flange</td>
<td>50 Lbs.</td>
</tr>
<tr>
<td></td>
<td>VBS14</td>
<td>MRS-&quot;BF&quot;-6.5x1</td>
<td>2-1/2&quot; high x 1&quot; flange</td>
<td>50 Lbs.</td>
</tr>
<tr>
<td>Roller Stop</td>
<td>RS19</td>
<td>MRS-&quot;BF&quot;-3.5x1.5</td>
<td>3-1/2&quot; high x 1 1/2&quot; flange</td>
<td>150 Lbs.</td>
</tr>
<tr>
<td></td>
<td>BDS19, VBS19</td>
<td>MRS-&quot;BF&quot;-6.5x1.5</td>
<td>3-1/2&quot; high x 1 1/2&quot; flange</td>
<td>150 Lbs.</td>
</tr>
</tbody>
</table>

Note: BF = OAW - (2 x Conveyor Flange Width)

**PNEUMATIC STOP**  
(Blade or Roller)

Pneumatic blade or roller stops are electronically actuated to raise and lower the blade/roller. They are ideal for assembly work stations, shipping areas and other processes requiring personnel to temporarily stop a product. They are mounted to the underside of conveyor frames.

<table>
<thead>
<tr>
<th>APPLICABLE CONVEYOR</th>
<th>STOP MODEL NO.</th>
<th>CONVEYOR FRAME</th>
<th>WEIGHT</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade Stop (1” x 1 1/2” x 7 ga.)</td>
<td>VBS14</td>
<td>PBS-&quot;BF&quot;-6.5x1</td>
<td>1-1/2&quot; high x 1&quot; flange</td>
<td>62 Lbs.</td>
</tr>
<tr>
<td>Blade Stop (1 1/2” x 1 1/2” x 7 ga.)</td>
<td>BDS19, VBS19</td>
<td>PBS-&quot;BF&quot;-6.5x1.5</td>
<td>1-1/2&quot; high x 1 1/2&quot; flange</td>
<td>62 Lbs.</td>
</tr>
<tr>
<td>Roller Stop (1 3/8” dia. x 16 ga.)</td>
<td>VBS14</td>
<td>PRS-&quot;BF&quot;-6.5x1</td>
<td>6-1/2&quot; high x 1&quot; flange</td>
<td>50 Lbs.</td>
</tr>
<tr>
<td>Roller Stop (1.9’’ dia. x 16 ga.)</td>
<td>BDS19, VBS19</td>
<td>PRS-&quot;BF&quot;-6.5x1.5</td>
<td>6-1/2&quot; high x 1 1/2&quot; flange</td>
<td>50 Lbs.</td>
</tr>
</tbody>
</table>

Note: BF = OAW - (2 x Conveyor Flange Width)

**STANDARD SPECIFICATIONS**

**STOP** – Blade or roller stop. See chart for options. Raise 1 7/8 in. above roller conveying surface. Supplied in the normally down position but can be supplied normally up. Specify.

**BEARINGS** – Cam rollers to absorb impact

**AIR CYLINDER** – 1 1/4 in. bore x 2 in. stroke double acting air cylinder to raise and lower stop

**AIR REQUIREMENTS** – Minimum pressure 60 PSI. Maximum pressure 125 PSI. Free air consumption of 0.014 cubic feet per cycle at 60 PSI, 0.022 cubic feet per cycle at 100 PSI. Filter and regulator recommended to eliminate contaminants in air supply and to regulate pressure.

**VALVE** – 120 V 60 Hz single solenoid 4-way valve with 1/4 in. – 20 NPT valve ports. Current draw of 0.161 amps.
Manual hinge gates provide a passageway for personnel, lift trucks and other equipment. This mechanism can be attached to a variety of gravity conveyors.

- Hinge gate mechanism and gravity conveyor
- Safety gate latch
- Lift handles and landing supports
- Specify conveyor sections to which gate will be attached

Note: On skatewheel conveyor: 16 WPF for 12” and 15” OAW, 20 WPF for 18” OAW, 28 WPF for 24” OAW
SPRING BALANCED GATE

Spring balance gates provide a passageway for personnel, lift trucks and other equipment. They are available on a variety of gravity conveyors and provide spring assisted leverage to minimize lift force.

- Hinge mechanism and gravity conveyor
- Die springs providing lift assist
- Safety gate latch
- Lift handles and landing supports
- Specify conveyor sections to which gate will be attached

---

**SPRING BALANCED GATE**

**WEIGHT (LBS.)**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>GATE CONVEYOR TYPE</th>
<th>AXLE CENTERS</th>
<th>GATE LENGTH</th>
<th>OVERALL WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBG-WS-BF-3</td>
<td>SKATEWHEEL CONVEYOR (STEEL)</td>
<td>3&quot; 3&quot;</td>
<td>82 85 88 95</td>
<td></td>
</tr>
<tr>
<td>SBG-WS-BF-4</td>
<td>SKATEWHEEL CONVEYOR (STEEL)</td>
<td>3&quot; 4&quot;</td>
<td>89 93 97 106</td>
<td></td>
</tr>
<tr>
<td>SBG-WS-BF-5</td>
<td>SKATEWHEEL CONVEYOR (STEEL)</td>
<td>3&quot; 5&quot;</td>
<td>96 101 106 117</td>
<td></td>
</tr>
<tr>
<td>SBG-RS14-Gx1.5-BF-3</td>
<td>1 3/8&quot; GRAVITY ROLLER CONVEYOR (STEEL)</td>
<td>1.5&quot; 3&quot;</td>
<td>92 97 103 114</td>
<td></td>
</tr>
<tr>
<td>SBG-RS14-Gx1.5-BF-4</td>
<td>1 3/8&quot; GRAVITY ROLLER CONVEYOR (STEEL)</td>
<td>1.5&quot; 4&quot;</td>
<td>103 109 117 132</td>
<td></td>
</tr>
<tr>
<td>SBG-RS14-Gx3-BF-5</td>
<td>3&quot; 3&quot;</td>
<td>82 85 98 95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBG-RS14-Gx3-BF-4</td>
<td>3&quot; 4&quot;</td>
<td>89 93 97 106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBG-RS14-Gx3-BF-3</td>
<td>3&quot; 5&quot;</td>
<td>96 101 106 117</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note on skatewheel conveyor: 16 WPF for 12" and 15" OAW, 20 WPF for 18" OAW, 28 WPF for 24" OAW.

---

**WEIGHT (LBS.)**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>GATE CONVEYOR TYPE</th>
<th>ROLLER CENTERS</th>
<th>GATE LENGTH</th>
<th>OVERALL WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBG-RS19Gx3-BF-3</td>
<td>3&quot; 3&quot;</td>
<td>134 144 152 156</td>
<td>164 174 176 182 194 200 212 218</td>
<td></td>
</tr>
<tr>
<td>SBG-RS19Gx3-BF-4</td>
<td>3&quot; 4&quot;</td>
<td>160 170 179 186 195 205 211 219 235 243 259 267</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBG-RS19Gx3-BF-5</td>
<td>3&quot; 5&quot;</td>
<td>186 196 206 216 226 236 246 256 276 286 306 316</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**WEIGHT (LBS.)**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>GATE CONVEYOR TYPE</th>
<th>ROLLER CENTERS</th>
<th>GATE LENGTH</th>
<th>OVERALL WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBG-RS19Gx1.5-BF-3</td>
<td>1.9&quot; gravity roller conveyor (Galvanized rollers)</td>
<td>3&quot; 3&quot;</td>
<td>121 125 129 130 137 142 144 149 156 162 168 173</td>
<td></td>
</tr>
<tr>
<td>SBG-RS19Gx3-BF-4</td>
<td>3&quot; 4&quot;</td>
<td>137 142 148 154 159 165 170 176 186 193 201 208</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBG-RS19Gx3-BF-5</td>
<td>3&quot; 5&quot;</td>
<td>153 159 167 178 181 188 196 203 216 224 234 243</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>