Specifications:
The upright and riser are heavy gauge steel tubing. The bases, uprights and risers are powder coated red. The offsets are powder coated white. Height adjustment from 7' to 18' reading English and Metric. Upright detaches from base rails for storage. Wide stance base for added stability. 8 base anchors included. Meets High School and NCAA specifications.

The base measures 20 1/2" x 48 1/4" and allows the standard to adjust from 0"-32" behind the 'zero' line.

Operation:
To adjust the height of the riser, loosen the clamping knob, position the riser at the desired height, and re-tighten the knob.

Read the height scale that corresponds to the position of the offset. The scale on one side of the upright is for the lowest pin in the down position (7" - 17") and the scale on the other side is for the highest pin in the up position (8' - 18'). The scale reads in both English (feet & inches) and metric (centimeters).

Caution: Over-tightening the knob can result in damaged threads, which may cause the knob to seize in place and may require a new knob and/or riser.
Offset Assembly Instructions

**Tools Required:** 7/16" wrench & pair of pliers

**Part #** | **Description** | **Qty**
--- | --- | ---
1 | M1235 3/8"-16 thin nylock hex nut | 5
2 | 71430 55mm bar rest pin | 5
3 | M4751 1.25" SQ end plug, blk (14-20GA) | 1

Fasten the 55mm bar rest pins (2) to the offsets with 3/8"-16 thin nylock nuts (1). Use pliers to hold the pins while tightening the nylock nuts. Right offset is shown in the picture. After the pins have been attached to offset, fasten the offsets to the risers with the offset clamping knobs (4). The pins are to face the landing area.

Fasten the offsets to the risers with two offset clamping knobs (4).

**Tools Required:**
Remove the wheel stop bolt and slide the roll base out of the base rail. Position the base rails, see last page. Verify the proper position of the bases before anchoring them. There should be 204" or 5.18M between them. Anchor the base rails using the provided concrete anchors, see page 5.

Orient the upright so that the riser faces one of the short sides of the roll base. Fasten the upright to the slide ase with bolts (11), washers (10), and nuts (9). See picture.

Slide the base back into the base rail and replace the wheel stop. The risers should face inwards towards the landing pit.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M1254 5/16&quot;-18 Nylock Hex Nut</td>
<td>9</td>
</tr>
<tr>
<td>2</td>
<td>M1279 5/16&quot;-18 x 1&quot; hex bolt, plated</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>M2273 Washer, Flat, 5/16</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>M2861 Knob 3/8&quot;-16 x 1&quot;, Nylon tip, black TPE, Logo</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>M718 Skate wheel</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>M717B Ball Bearing</td>
<td>8</td>
</tr>
<tr>
<td>7</td>
<td>M2834 5/16&quot;-18 x 2&quot; Hex Bolt Full Thread</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>HDWE050030E0 1/4&quot; Flat Washer</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>HDWE050030E0 1/4&quot; Flat Washer</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>HDWE030630E0 5/16&quot;-18 Jam Nut</td>
<td>4</td>
</tr>
</tbody>
</table>
The Riser Assembly will ship assembled. However, there may be circumstances that require knowledge of the inner working parts. These parts are called out in the drawing to the left.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M476 1.5&quot; Sq End Plug, Black (14-20 gage)</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>M477 1.5&quot; x 3&quot; End Plug, Black, (10-14 ga)</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>M2015 Felt Dot, 1&quot; dia x 1/8&quot; thick, adhesive backed</td>
<td>9</td>
</tr>
<tr>
<td>4</td>
<td>711041 UPPER RISER GUIDE, painted</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>M2254 3/8&quot;-16 x 3/4&quot; hex bolt, grade 2 plated</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>M1291 3/8&quot;-16 Nylock hex nut, standard height</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>M2309 PV &quot;Gill&quot; offset down decal</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>M2310 PV &quot;Gill&quot; offset up decal</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>M2313 PV SCALE SET 7' to 18', blk on wht</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>M2007 1&quot; Velcro hook, adhesive backed</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>M2861 Knob 3/8&quot;-16 x 1&quot;, Nylon tip, black TPE, Logo</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>M2308 PV warning/read here decal</td>
<td>2</td>
</tr>
</tbody>
</table>
**P711001**  Slide Base  
- Painted base  
- Decals  
- Mounting hardware

**P711003**  Single Wheel  
- Wheel  
- Bushing  
- Washers and nut

**P711002**  Single Rail Assembly  
- Rail frame with decals  
- Bolt and nut

**M2861**  Clamping knob with nylon tip

**P71430**  55mm Bar Rest Pin w/nut

**P71429**  75mm Bar Rest Pin w/nut

**M2753**  Offset clamping knob

**P7150**  Single Offset  
- Offset with cap  
- Pins & nuts  
- Mounting knobs

**P7110030**  Riser only  
- Decals  
- Felt Dots  
- Caps

**P711020**  Upright only  
- Decals  
- End cap

**P7110L & P7110R**  Complete Standard

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Tools Required:
(1) Drill
(1) 7/8" Masonry Bit
(1) Hammer
(1) 3/4" Wrench or Socket

1. Proper alignment of standards is critical before drilling anchor holes. See the last two pages for more information.
2. After standards have been properly positioned, mark the hole placement.
3. Drill recommended diameter hole to depth of shield.
4. Clean hole of debris.
5. Insert shield in hole threaded end first and tap with hammer for proper positioning.
6. Place base rail back over holes.
7. Insert included 1/2"-13 bolt and 1/2" washer through rails into shield and tighten.
You will need:

- (3) people - 1, 2 & 3
- (1) tape measure - 12m or longer
- Something to mark the track surface

1. If the pit is already set up, move the front sloped sections out of the way. Point A is the middle of the top of the back of the box. Person 1 holds the 0m and 12m mark on the tape measure at point A.
2. Person 2 holds the 4m mark on the tape measure and locates point B in the center of the runway. It is important that this point is in the middle of the runway even if the box is not perfectly square.
3. Person 3 holds onto the tape measure at the 9m mark and walks out 90° to the left or right of the box. When the tape is taught at all three points, the third person should mark his position (point C) on the track. The line connecting point A and point C is the “0” line.
4. Repeat this process on the other side.

5. Point D is 60cm behind point. It is still lined up with the center of the runway. Person 1 holds the 0m & 12m marks on the tape measure at point D.
6. Person 2 holds the 4m mark on the tape measure and locates point E in the center of the runway. The tape should go over point A from before to ensure that the line is still centered on the runway.
7. Person 3 holds onto the tape measure at the 9m mark and walks out 90° to the left or right of point D. When the tape is taught at all three points, the third person should mark his position (point F) on the track. The line connecting point C and point F will help adjust the standards so that they are parallel to the runway.
8. Repeat on the other side.

By rule the distance between the pegs should be 4.30m - 4.37m (~169.25" - 172"). In order to achieve this distance the bases should be located as shown above. Distances given are measured between the side walls of the bases.

Gill recommends you double check that the distance between the pegs meets the rules before the concrete anchors are installed. Gill Athletics accepts no responsibility for incorrectly installed standards. If you have questions please call 1-800-637-3090 for assistance.