Crossover Stairs and Ramps provide safe, elevated obstacle spanning pathways for maintenance workers and pedestrians. Typically used to span pipe, duct, cable tray, conduit, or parapets on a roof.

Dimensions vary based on height of object to be crossed (H), Length needed to be traversed (L), required width of walkway (W) (36” Standard), and footprint constraints and area limitations of jobsite.

**Working Load Limits:**
36”W - 467lbs. ; 42”W - 402lbs. ; 48”W - 354lbs.

**Available Configurations:**
- **RTSCOW:** Crossover stairs; height, span, and number of stairs to be designed to fit customer requirements. 9” Rises.
- **RTSCOR:** Crossover Ramp; height, and Span to be designed to fit customer requirements.
- **RTSCO-CUSTOM:** Crossover ramp or stair for application specific solution.

**Materials:**
- **Bases:** RTSF21, RTSPB20HG, RTSPUCF11 (For intermediate support only).
- **Framing:** 12 ga. strut channel. Vertical columns supporting walking surface are back-to-back 1-5/8” x 1-5/8”, beams supporting walking surface are back-to-back 1-5/8 x 3-1/4”, and all railing components are single 1-5/8” x 1-5/8”.
- **Standard Grating:** 12 ga. 1-1/2”H carbon steel diamond safety grating. Mill Galvanized (ASTM A653).
- **Grating Carrier Angle:** 10 ga. Formed steel welded to grating with (2) 1-1/8” fillet welds per angle.
- **Transition (Ramp):** Recycled Rubber, compression molded.
- **Finish:** Available in Pre-Galvanized (ASTM A653), Hot Dip Galvanized (ASTM A123), or Stainless Steel (304).

**LEED:**
- Rubber: 97% Post Consumer
- Steel: 25% Post Industrial

*Verify load capacity of sub-surface is sufficient to support weight intended.
**Consult factory for any configurations not listed.
***Working load limits refer to concentrated loading.
## Standard Stair Clear Heights

<table>
<thead>
<tr>
<th># Of Stairs</th>
<th>Clear Height</th>
<th>Length of Ramp</th>
<th>Clear Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>25-1/2”</td>
<td>3ft</td>
<td>10-7/16”</td>
</tr>
<tr>
<td>3</td>
<td>34-1/2”</td>
<td>4ft</td>
<td>13-9/16”</td>
</tr>
<tr>
<td>4</td>
<td>43-1/2”</td>
<td>5ft</td>
<td>16-5/8”</td>
</tr>
<tr>
<td>5</td>
<td>52-1/2”</td>
<td>6ft</td>
<td>19-3/4”</td>
</tr>
<tr>
<td>6</td>
<td>61-1/2”</td>
<td>7ft</td>
<td>22-7/8”</td>
</tr>
<tr>
<td>7</td>
<td>70-1/2”</td>
<td>8ft</td>
<td>25-15/16”</td>
</tr>
<tr>
<td>8</td>
<td>79-1/2”</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

---

**Railings included

---

## Standard Ramp Clear Heights

<table>
<thead>
<tr>
<th>Length of Ramp</th>
<th>Clear Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>3ft</td>
<td>10-7/16”</td>
</tr>
<tr>
<td>4ft</td>
<td>13-9/16”</td>
</tr>
<tr>
<td>5ft</td>
<td>16-5/8”</td>
</tr>
<tr>
<td>6ft</td>
<td>19-3/4”</td>
</tr>
<tr>
<td>7ft</td>
<td>22-7/8”</td>
</tr>
<tr>
<td>8ft</td>
<td>25-15/16”</td>
</tr>
</tbody>
</table>

---

**Railings Upon Request

---

Height Required to Clear (H):

________________________

Span Required to Clear (S):

________________________

Width of Unit (W):

________________________

**Railings included

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Height Required to Clear (H):

________________________

Span Required to Clear (S):

________________________

Width of Unit (W):

________________________

**Railings Upon Request