5 variables to consider

- The type of beams
- The width of the beams
- The number of tie bars:
  - 1 tie bar
  - 2 tie bars
  - 3 tie bars
- The depth of the decking
- The type of decking

Capacities are indicated in pounds. Capacities incorporate a safety factor and are valid for an evenly distributed load over a decking including a pair of beams. Load capacity tests are based on ANSI MH28.2 Shelving Manufacturer Association (SMA) standards.

### MEDIUM-DUTY BEAMS

<table>
<thead>
<tr>
<th>Type of decking</th>
<th>Depth</th>
<th>Width</th>
<th>Number of tie bar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>36”</td>
<td>42”</td>
<td>48”</td>
</tr>
<tr>
<td>wood panel</td>
<td>15” to 24”</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td></td>
<td>30” to 32”</td>
<td>1075</td>
<td>1025</td>
</tr>
<tr>
<td></td>
<td>36”</td>
<td>850</td>
<td>875</td>
</tr>
<tr>
<td></td>
<td>48” – 48 ½”</td>
<td>875</td>
<td>825</td>
</tr>
<tr>
<td>panel</td>
<td>15” à 24”</td>
<td>900</td>
<td>900</td>
</tr>
<tr>
<td></td>
<td>30” à 48”</td>
<td>1125</td>
<td>1125</td>
</tr>
</tbody>
</table>

### HEAVY-DUTY BEAMS

<table>
<thead>
<tr>
<th>Type of decking</th>
<th>Depth</th>
<th>Width</th>
<th>Number of tie bar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60”</td>
<td>72”</td>
<td>96” - 96½”</td>
</tr>
<tr>
<td>wood panel</td>
<td>15” to 24”</td>
<td>1650</td>
<td>1600</td>
</tr>
<tr>
<td></td>
<td>30” to 32”</td>
<td>1850</td>
<td>1575</td>
</tr>
<tr>
<td></td>
<td>36”</td>
<td>1750</td>
<td>1600</td>
</tr>
<tr>
<td></td>
<td>48” – 48 ½”</td>
<td>1225</td>
<td>1225</td>
</tr>
<tr>
<td>panel</td>
<td>15” à 24”</td>
<td>1350</td>
<td>1350</td>
</tr>
<tr>
<td></td>
<td>30” à 48”</td>
<td>1925</td>
<td>1600</td>
</tr>
</tbody>
</table>

* 96”x48” dimensions with steel decking require 2 tie bars.