

# UNIRAK Beams Capacity

14GA HS 1 5/8" step beams-profiles available:

Deck Spec:

1 5/8" at top

2 1/2" at bottom



| Length: | <b>SB250</b> | <b>SB350</b> | <b>SB418</b> | <b>SB458</b> | <b>SB518</b> | <b>SB600</b> | <b>SB650</b> |
|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 48      | 4205         | 7000         | 9060         | 10860        | 12600        | 12600        | 12600        |
| 72      | 2675         | 4655         | 6025         | 7225         | 8515         | 10990        | 12515        |
| 84      | 1965         | 4420         | 5730         | 6870         | 8100         | 10450        | 11910        |
| 96      | 1505         | 3385         | 5005         | 6005         | 7080         | 9135         | 10410        |
| 102     | 1330         | 2995         | 4510         | 5645         | 6660         | 8590         | 9790         |
| 108     | 1190         | 2675         | 4025         | 5325         | 6280         | 8110         | 9240         |
| 120     | 960          | 2165         | 3260         | 4340         | 5645         | 7285         | 8300         |
| 144     | 670          | 1505         | 2265         | 3020         | 3920         | 5875         | 7160         |

1. Capacities are shown per pair of beams for Uniform Distributed Loads (meeting RMI 2012 cap guidelines).
2. Beams over 114" should be tied across middle to prevent lateral beam spread/rotation- contact dealer for info.
3. Beams over 90" that support non-waterfall/ flanged or tek screwed decking should be tied together (Consider UA206 crossbars).
4. Full loads per above chart reflect lesser of bending vs. L/180 deflection criteria.