



Roll Formed Frames Capacity Chart Marysville, MI and Lodi, CA



| Column Profile | | | | | | | | | | | | |
|----------------------------|---|---------------|--------|--------|--------|--------|---------------|---------------|---------------|---------------|---------------|---------------|
| Model Marysville, MI | FM08 | FM14 | FM20 | FM25 | FM30 | FM35 | FM40 | FM50 | FM60 | FM70 | FM80 | FM90 |
| Model Lodi, CA | LM15 | not available | LM20 | LM25 | LM30 | LM35 | not available | not available | not available | not available | not available | not available |
| Gauge | 14 | 13 | 14 | 13 | 12 | 11 | 10 | 14 | 13 | 12 | 11 | 10 |
| Maximum Unsupported Length | Load Capacity Rating (See Load Capacity Rating Notes Below) | | | | | | | | | | | |
| 36 | 18,600 | 22,200 | 26,100 | 32,800 | 36,000 | 42,900 | 46,800 | 32,100 | 40,000 | 46,600 | 54,800 | 59,800 |
| 42 | 17,500 | 20,900 | 24,800 | 30,900 | 34,000 | 40,500 | 44,100 | 31,200 | 38,800 | 45,100 | 53,100 | 57,900 |
| 48 | 16,200 | 19,300 | 23,200 | 28,900 | 31,700 | 37,700 | 41,000 | 30,100 | 37,400 | 43,400 | 51,100 | 55,700 |
| 54 | 14,800 | 17,700 | 21,500 | 26,700 | 29,300 | 34,700 | 37,800 | 28,900 | 35,800 | 41,500 | 48,800 | 53,200 |
| 60 | 13,400 | 16,000 | 19,700 | 24,400 | 26,800 | 31,700 | 34,500 | 27,600 | 34,100 | 39,500 | 46,400 | 50,600 |
| 66 | 12,000 | 14,200 | 17,900 | 22,000 | 24,300 | 28,600 | 31,100 | 26,200 | 32,300 | 37,300 | 43,800 | 47,700 |
| 72 | 10,600 | 12,600 | 16,100 | 19,700 | 21,700 | 25,600 | 27,800 | 24,700 | 30,400 | 35,000 | 41,100 | 44,700 |
| 78 | 9,200 | 10,900 | 14,400 | 17,500 | 19,200 | 22,600 | 24,500 | 23,100 | 28,400 | 32,700 | 38,300 | 41,700 |
| 84 | 8,100 | 9,600 | 12,700 | 15,400 | 17,000 | 19,900 | 21,600 | 21,600 | 26,500 | 30,300 | 35,500 | 38,700 |
| 90 | 7,100 | 8,400 | 11,300 | 13,600 | 15,000 | 17,600 | 19,100 | 20,000 | 24,500 | 28,000 | 32,700 | 35,600 |
| 96 | 6,300 | 7,500 | 10,100 | 12,200 | 13,400 | 15,700 | 17,000 | 18,500 | 22,500 | 25,600 | 30,000 | 32,600 |
| 102 | 5,700 | 6,700 | 9,100 | 10,900 | 12,000 | 14,100 | 15,300 | 16,900 | 20,600 | 23,400 | 27,300 | 29,700 |
| 108 | 5,100 | 6,000 | 8,200 | 9,800 | 10,800 | 12,700 | 13,700 | 15,400 | 18,700 | 21,200 | 24,700 | 26,900 |
| 114 | 4,600 | 5,400 | 7,400 | 8,900 | 9,800 | 11,500 | 12,400 | 14,000 | 16,900 | 19,200 | 22,400 | 24,300 |
| 120 | 4,200 | 4,900 | 6,700 | 8,100 | 8,900 | 10,400 | 11,300 | 12,800 | 15,400 | 17,400 | 20,400 | 22,100 |

Load Capacity Rating Notes:

- 1 - Capacities are determined per ANSI MH16.1 2012: RMI (2012).
- 2 - Capacities are for static loads only.
- 3 - Maximum unsupported length is measured from floor to top of lowest beam or maximum beam spacing, whichever is greater. Beam spacing is measured from top of beam to top of beam.
- 4 - Capacities are only valid for frames manufactured by SpaceRAK which are in good condition and properly maintained.
- 5 - Capacities are only valid when SpaceRAK frames are combined with SpaceRAK beams.
- 6 - Capacities are not valid for single-row frames with a height-to-depth ratio exceeding 6:1. Height is measured from floor to the top loaded shelf level and depth from column face to face.