



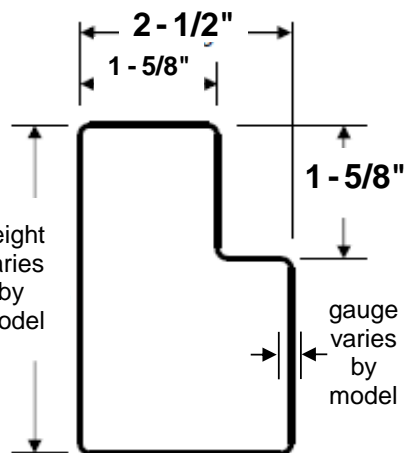
Roll Formed Step Beams Capacity Chart Marysville, MI and Lodi, CA



Model	256M FOB MI only for L > 120"	306M	356M FOB MI only	376M	416M	466M	506M	556M	604M	602M FOB MI only	654M FOB MI only	652M
Height	2-1/2"	3"	3-1/2"	3-3/4"	4-1/8"	4-5/8"	5"	5-1/2"	6"	6"	6-1/2"	6-1/2"
Gauge	16	16	16	16	16	16	16	16	14	12	14	12

Load Capacity Rating (See Load Capacity Rating Notes Below)

Beam Length	256M	306M	356M	376M	416M	466M	506M	556M	604M	602M	654M	652M
48	4,821	6,437	7,764	8,495	9,661	11,348	13,060	14,977	20,951	28,448	23,704	32,252
54	4,497	5,827	7,006	7,646	8,673	10,163	11,724	13,413	18,721	25,393	21,158	28,787
60	4,225	5,335	6,387	6,968	7,885	9,227	10,646	12,164	16,938	22,949	19,142	25,989
66	3,919	4,936	5,889	6,409	7,241	8,453	9,776	11,143	15,480	20,950	17,475	23,700
72	3,450	4,601	5,470	5,944	6,706	7,809	9,042	10,293	14,266	19,285	16,087	21,815
78	3,012	4,186	5,111	5,545	6,247	7,264	8,423	9,576	13,240	17,858	14,912	20,201
84	2,654	3,676	4,805	5,211	5,855	6,799	7,884	8,952	12,360	16,653	13,906	18,817
90	2,364	3,263	4,329	4,911	5,516	6,388	7,427	8,421	11,599	15,609	13,035	17,618
96	2,122	3,000	3,861	4,409	5,220	6,037	7,020	7,948	10,934	14,696	12,272	16,569
102	1,918	2,636	3,471	3,956	4,789	5,721	6,662	7,532	10,336	13,876	11,600	15,644
108	1,743	2,390	3,139	3,576	4,314	5,441	6,344	7,163	9,815	13,162	11,004	14,822
114	1,594	2,179	2,857	3,248	3,917	4,962	6,061	6,833	9,340	12,523	10,470	14,102
120	1,464	1,997	2,611	2,967	3,571	4,517	5,661	6,380	8,715	11,707	9,768	13,183
126	1,351	1,841	2,399	2,724	3,273	4,132	5,238	5,923	8,107	10,920	9,065	12,231
132	1,251	1,701	2,214	2,510	3,013	3,793	4,815	5,520	7,551	10,165	8,444	11,336
138	1,165	1,580	2,050	2,322	2,782	3,500	4,446	5,147	7,045	9,465	7,875	10,544
144	1,085	1,473	1,908	2,157	2,579	3,239	4,121	4,810	6,588	8,829	7,326	9,834
150	1,016	1,376	1,779	2,011	2,400	3,012	3,833	4,506	6,165	8,244	6,833	9,182
156	953	1,289	1,663	1,878	2,240	2,806	3,577	4,227	5,769	7,731	6,387	8,600



Load Capacity Rating Notes

- 1 - Capacities are per beam pair and for static loads only, per ANSI MH16.1 2012: RMI (2012).
- 2 - Capacities apply to uniformly loaded beams and include impact load.
- 3 - For beams greater than 60"L supporting one load wide, contact SpaceRAK Engineering.
- 4 - Beams longer than 108" that support decks should be tied together to prevent spreading.
- 5 - Deflection is limited to L/180 where L is clear span of beam.
- 6 - Capacities are based on the following standard combinations of beam height and end connector:
 - 3" - 4-5/8" beams = 3-Pin / 6" connectors.
 - 5" - 6-1/2" beams = 4-Pin / 8" connectors.
- 7 - Capacities valid for beams manufactured by SpaceRAK, in good condition and properly maintained.
- 8 - Capacities are only valid when SpaceRAK beams are combined with SpaceRAK frames.
- 9 - For shelf loads of 10,000# or more, consult SpaceRAK Engineering.