

Crane 109  
161 ft boom + 33 ft jib 0 deg  
45 MT Counterweight

Radius Feet	Capacity Pounds
20	26,600
25	26,600
30	26,600
35	26,600
40	26,600
45	26,600
50	25,400
55	25,000
60	25,000
65	25,000
70	25,000
75	24,400
80	23,600
85	22,600
90	21,600
95	20,600
100	19,600
105	18,600
110	18,000
115	17,200
120	16,400
125	15,400
130	14,200
135	13,940
140	13,680
145	13,420
150	13,160
155	12,900
160	12,640
165	12,380
170	12,120
175	11,860
180	11,600
185	11,340
190	11,080
195	10,820
200	10,560
205	10,300
210	10,040
215	9,780
220	9,520
225	9,260
230	9,000
235	8,740
240	8,480
245	8,220
250	7,960
255	7,700
260	7,440
265	7,180
270	6,920
275	6,660
280	6,400
285	6,140
290	5,880
295	5,620
300	5,360
305	5,100
310	4,840
315	4,580
320	4,320
325	4,060
330	3,800
335	3,540
340	3,280
345	3,020
350	2,760
355	2,500
360	2,240
365	1,980
370	1,720
375	1,460
380	1,200
385	940
390	680
395	420
400	160

CHART OF WEIGHTS AND RIGGING

Place Mark	Weight Pounds	Radius Feet	Chart Capacity Pounds	Chart Capacity Factor	Minimum Weight Pounds	Minimum Radius Feet	Minimum Chart Capacity Pounds
37L2.2 37L2.4	15,197	13,300	47	25,400	1.6	SK1	SP1320 (Red)
38L2.2 38L2.4	14,187	12,300	39	20,600	1.4	SK1	SP1320 (Red)
39L2.2 39L2.4	13,187	11,300	31	15,800	1.2	SK1	SP1320 (Red)
40L2.2 40L2.4	12,187	10,300	23	11,000	1.0	SK1	SP1320 (Red)
41L2.2 41L2.4	11,187	9,300	15	6,200	0.8	SK1	SP1320 (Red)
42L2.2 42L2.4	10,187	8,300	7	1,400	0.6	SK1	SP1320 (Red)
43L2.2 43L2.4	9,187	7,300	-1	-3,400	0.4	SK1	SP1320 (Red)
44L2.2 44L2.4	8,187	6,300	-9	-9,400	0.2	SK1	SP1320 (Red)
45L2.2 45L2.4	7,187	5,300	-17	-15,400	0.0	SK1	SP1320 (Red)
46L2.2 46L2.4	6,187	4,300	-25	-21,400	0.0	SK1	SP1320 (Red)
47L2.2 47L2.4	5,187	3,300	-33	-27,400	0.0	SK1	SP1320 (Red)
48L2.2 48L2.4	4,187	2,300	-41	-33,400	0.0	SK1	SP1320 (Red)
49L2.2 49L2.4	3,187	1,300	-49	-39,400	0.0	SK1	SP1320 (Red)
50L2.2 50L2.4	2,187	300	-57	-45,400	0.0	SK1	SP1320 (Red)
51L2.2 51L2.4	1,187	-700	-65	-51,400	0.0	SK1	SP1320 (Red)
52L2.2 52L2.4	200	-1,700	-73	-57,400	0.0	SK1	SP1320 (Red)
53L2.2 53L2.4	0	-2,700	-81	-63,400	0.0	SK1	SP1320 (Red)
54L2.2 54L2.4	0	-3,700	-89	-69,400	0.0	SK1	SP1320 (Red)
55L2.2 55L2.4	0	-4,700	-97	-75,400	0.0	SK1	SP1320 (Red)
56L2.2 56L2.4	0	-5,700	-105	-81,400	0.0	SK1	SP1320 (Red)
57L2.2 57L2.4	0	-6,700	-113	-87,400	0.0	SK1	SP1320 (Red)
58L2.2 58L2.4	0	-7,700	-121	-93,400	0.0	SK1	SP1320 (Red)
59L2.2 59L2.4	0	-8,700	-129	-99,400	0.0	SK1	SP1320 (Red)
60L2.2 60L2.4	0	-9,700	-137	-105,400	0.0	SK1	SP1320 (Red)
61L2.2 61L2.4	0	-10,700	-145	-111,400	0.0	SK1	SP1320 (Red)
62L2.2 62L2.4	0	-11,700	-153	-117,400	0.0	SK1	SP1320 (Red)
63L2.2 63L2.4	0	-12,700	-161	-123,400	0.0	SK1	SP1320 (Red)
64L2.2 64L2.4	0	-13,700	-169	-129,400	0.0	SK1	SP1320 (Red)
65L2.2 65L2.4	0	-14,700	-177	-135,400	0.0	SK1	SP1320 (Red)
66L2.2 66L2.4	0	-15,700	-185	-141,400	0.0	SK1	SP1320 (Red)
67L2.2 67L2.4	0	-16,700	-193	-147,400	0.0	SK1	SP1320 (Red)
68L2.2 68L2.4	0	-17,700	-201	-153,400	0.0	SK1	SP1320 (Red)
69L2.2 69L2.4	0	-18,700	-209	-159,400	0.0	SK1	SP1320 (Red)
70L2.2 70L2.4	0	-19,700	-217	-165,400	0.0	SK1	SP1320 (Red)
71L2.2 71L2.4	0	-20,700	-225	-171,400	0.0	SK1	SP1320 (Red)
72L2.2 72L2.4	0	-21,700	-233	-177,400	0.0	SK1	SP1320 (Red)
73L2.2 73L2.4	0	-22,700	-241	-183,400	0.0	SK1	SP1320 (Red)
74L2.2 74L2.4	0	-23,700	-249	-189,400	0.0	SK1	SP1320 (Red)
75L2.2 75L2.4	0	-24,700	-257	-195,400	0.0	SK1	SP1320 (Red)
76L2.2 76L2.4	0	-25,700	-265	-201,400	0.0	SK1	SP1320 (Red)
77L2.2 77L2.4	0	-26,700	-273	-207,400	0.0	SK1	SP1320 (Red)
78L2.2 78L2.4	0	-27,700	-281	-213,400	0.0	SK1	SP1320 (Red)
79L2.2 79L2.4	0	-28,700	-289	-219,400	0.0	SK1	SP1320 (Red)
80L2.2 80L2.4	0	-29,700	-297	-225,400	0.0	SK1	SP1320 (Red)
81L2.2 81L2.4	0	-30,700	-305	-231,400	0.0	SK1	SP1320 (Red)
82L2.2 82L2.4	0	-31,700	-313	-237,400	0.0	SK1	SP1320 (Red)
83L2.2 83L2.4	0	-32,700	-321	-243,400	0.0	SK1	SP1320 (Red)
84L2.2 84L2.4	0	-33,700	-329	-249,400	0.0	SK1	SP1320 (Red)
85L2.2 85L2.4	0	-34,700	-337	-255,400	0.0	SK1	SP1320 (Red)
86L2.2 86L2.4	0	-35,700	-345	-261,400	0.0	SK1	SP1320 (Red)
87L2.2 87L2.4	0	-36,700	-353	-267,400	0.0	SK1	SP1320 (Red)
88L2.2 88L2.4	0	-37,700	-361	-273,400	0.0	SK1	SP1320 (Red)
89L2.2 89L2.4	0	-38,700	-369	-279,400	0.0	SK1	SP1320 (Red)
90L2.2 90L2.4	0	-39,700	-377	-285,400	0.0	SK1	SP1320 (Red)
91L2.2 91L2.4	0	-40,700	-385	-291,400	0.0	SK1	SP1320 (Red)
92L2.2 92L2.4	0	-41,700	-393	-297,400	0.0	SK1	SP1320 (Red)
93L2.2 93L2.4	0	-42,700	-401	-303,400	0.0	SK1	SP1320 (Red)
94L2.2 94L2.4	0	-43,700	-409	-309,400	0.0	SK1	SP1320 (Red)
95L2.2 95L2.4	0	-44,700	-417	-315,400	0.0	SK1	SP1320 (Red)
96L2.2 96L2.4	0	-45,700	-425	-321,400	0.0	SK1	SP1320 (Red)
97L2.2 97L2.4	0	-46,700	-433	-327,400	0.0	SK1	SP1320 (Red)
98L2.2 98L2.4	0	-47,700	-441	-333,400	0.0	SK1	SP1320 (Red)
99L2.2 99L2.4	0	-48,700	-449	-339,400	0.0	SK1	SP1320 (Red)
100L2.2 100L2.4	0	-49,700	-457	-345,400	0.0	SK1	SP1320 (Red)
101L2.2 101L2.4	0	-50,700	-465	-351,400	0.0	SK1	SP1320 (Red)
102L2.2 102L2.4	0	-51,700	-473	-357,400	0.0	SK1	SP1320 (Red)
103L2.2 103L2.4	0	-52,700	-481	-363,400	0.0	SK1	SP1320 (Red)
104L2.2 104L2.4	0	-53,700	-489	-369,400	0.0	SK1	SP1320 (Red)
105L2.2 105L2.4	0	-54,700	-497	-375,400	0.0	SK1	SP1320 (Red)
106L2.2 106L2.4	0	-55,700	-505	-381,400	0.0	SK1	SP1320 (Red)
107L2.2 107L2.4	0	-56,700	-513	-387,400	0.0	SK1	SP1320 (Red)
108L2.2 108L2.4	0	-57,700	-521	-393,400	0.0	SK1	SP1320 (Red)
109L2.2 109L2.4	0	-58,700	-529	-399,400	0.0	SK1	SP1320 (Red)
110L2.2 110L2.4	0	-59,700	-537	-405,400	0.0	SK1	SP1320 (Red)
111L2.2 111L2.4	0	-60,700	-545	-411,400	0.0	SK1	SP1320 (Red)
112L2.2 112L2.4	0	-61,700	-553	-417,400	0.0	SK1	SP1320 (Red)
113L2.2 113L2.4	0	-62,700	-561	-423,400	0.0	SK1	SP1320 (Red)
114L2.2 114L2.4	0	-63,700	-569	-429,400	0.0	SK1	SP1320 (Red)
115L2.2 115L2.4	0	-64,700	-577	-435,400	0.0	SK1	SP1320 (Red)
116L2.2 116L2.4	0	-65,700	-585	-441,400	0.0	SK1	SP1320 (Red)
117L2.2 117L2.4	0	-66,700	-593	-447,400	0.0	SK1	SP1320 (Red)
118L2.2 118L2.4	0	-67,700	-601	-453,400	0.0	SK1	SP1320 (Red)
119L2.2 119L2.4	0	-68,700	-609	-459,400	0.0	SK1	SP1320 (Red)
120L2.2 120L2.4	0	-69,700	-617	-465,400	0.0	SK1	SP1320 (Red)
121L2.2 121L2.4	0	-70,700	-625	-471,400	0.0	SK1	SP1320 (Red)
122L2.2 122L2.4	0	-71,700	-633	-477,400	0.0	SK1	SP1320 (Red)
123L2.2 123L2.4	0	-72,700	-641	-483,400	0.0	SK1	SP1320 (Red)
124L2.2 124L2.4	0	-73,700	-649	-489,400	0.0	SK1	SP1320 (Red)
125L2.2 125L2.4	0	-74,700	-657	-495,400	0.0	SK1	SP1320 (Red)
126L2.2 126L2.4	0	-75,700	-665	-501,400	0.0	SK1	SP1320 (Red)
127L2.2 127L2.4	0	-76,700	-673	-507,400	0.0	SK1	SP1320 (Red)
128L2.2 128L2.4	0	-77,700	-681	-513,400	0.0	SK1	SP1320 (Red)
129L2.2 129L2.4	0	-78,700	-689	-519,400	0.0	SK1	SP1320 (Red)
130L2.2 130L2.4	0	-79,700	-697	-525,400	0.0	SK1	SP1320 (Red)
131L2.2 131L2.4	0	-80,700	-705	-531,400	0.0	SK1	SP1320 (Red)
132L2.2 132L2.4	0	-81,700	-713	-537,400	0.0	SK1	SP1320 (Red)
133L2.2 133L2.4	0	-82,700	-721	-543,400	0.0	SK1	SP1320 (Red)
134L2.2 134L2.4	0	-83,700	-729	-549,400	0.0	SK1	SP1320 (Red)
135L2.2 135L2.4	0	-84,700	-737	-555,400	0.0	SK1	SP1320 (Red)
136L2.2 136L2.4	0	-85,700	-745	-561,400	0.0	SK1	SP1320 (Red)
137L2.2 137L2.4	0	-86,700	-753	-567,400	0.0	SK1	SP1320 (Red)
138L2.2 138L2.4	0	-87,700	-761	-573,400	0.0	SK1	SP1320 (Red)
139L2.2 139L2.4	0	-88,700	-769	-579,400	0.0	SK1	SP1320 (Red)
140L2.2 140L2.4	0	-89,700	-777	-585,400	0.0	SK1	SP1320 (Red)
141L2.2 141L2.4	0	-90,700	-785	-591,400	0.0	SK1	SP1320 (Red)
142L2.2 142L2.4	0	-91,700	-793	-597,400	0.0	SK1	SP1320 (Red)
143L2.2 143L2.4	0	-92,700	-801	-603,400	0.0	SK1	SP1320 (Red)
144L2.2 144L2.4	0	-93,700	-809	-609,400	0.0	SK1	SP1320 (Red)
145L2.2 145L2.4	0	-94,700	-817	-615,400	0.0	SK1	SP1320 (Red)
146L2.2 146L2.4	0	-95,700	-825	-621,400	0.0	SK1	SP1320 (Red)
147L2.2 147L2.4	0	-96,700	-833	-627,400	0.0	SK1	SP1320 (Red)
148L2.2 148L2.4	0	-97,700	-841	-633,400	0.0	SK1	SP1320 (Red)
149L2.2 149L2.4	0	-98,700	-849	-639,400	0.0	SK1	SP1320 (Red)
150L2.2 150L2.4	0	-99,700	-857	-645,400	0.0	SK1	SP1320 (Red)
151L2.2 151L2.4	0	-100,700	-865	-651,400	0.0	SK1	SP1320 (Red)
152L2.2 152L2.4	0	-101,700	-873	-657,400	0.0	SK1	SP1320 (Red)
153L2.2 153L2.4	0	-102,700	-881	-663,4			