



LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Fixed Jib Lift Capacity

Full Counterweight: 200,900 lbs

Carbody Weight: 60,400

40' Jib Length														
90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
21.6	80.0	373,400 *	23.2	80.0	329,500 *	25.2	80.0	307,500 *	26.9	80.0	271,800 *	28.5	80.0	246,400 *
22.0	79.7	367,800 *	24.0	79.6	324,700 *	26.0	79.5	303,700 *	28.0	79.4	268,700 *	30.0	79.4	242,400 *
24.0	78.4	338,900 *	26.0	78.4	310,900 *	28.0	78.4	285,800 *	30.0	78.4	260,300 *	32.0	78.5	232,900 *
26.0	77.1	313,100 *	28.0	77.3	289,100 *	30.0	77.4	267,100 *	32.0	77.5	242,700 *	34.0	77.5	221,300 *
28.0	75.8	291,900 *	30.0	76.1	267,700 *	32.0	76.3	249,200 *	34.0	76.5	227,500	36.0	76.6	208,300 *
30.0	74.5	271,600 *	32.0	74.9	251,100 *	34.0	75.2	232,800	36.0	75.5	213,900	38.0	75.7	195,300 *
32.0	73.2	252,400 *	34.0	73.7	234,800	36.0	74.1	217,200	38.0	74.5	200,200	40.0	74.8	183,100
34.0	71.8	235,000	36.0	72.5	218,600	38.0	73.1	201,700	40.0	73.5	187,100	42.0	73.9	172,500
36.0	70.5	218,800	38.0	71.3	202,400	40.0	72.0	187,300	42.0	72.5	175,200	44.0	73.0	161,900
38.0	69.1	202,600	40.0	70.1	187,600	42.0	70.8	175,400	44.0	71.5	163,300	46.0	72.0	151,300
40.0	67.7	187,800	42.0	68.8	175,700	44.0	69.7	163,600	46.0	70.5	151,600	48.0	71.1	143,200
42.0	66.3	175,900	44.0	67.6	163,800	46.0	68.6	151,800	48.0	69.5	143,400	50.0	70.2	135,100
44.0	64.9	164,000	46.0	66.3	152,000	48.0	67.5	143,700	50.0	68.4	135,300	55.0	67.8	117,500
46.0	63.5	152,200	48.0	65.1	143,900	50.0	66.3	135,500	55.0	65.8	117,800	60.0	65.4	103,400
48.0	62.0	144,100	50.0	63.8	135,700	55.0	63.4	118,000	60.0	63.2	103,600	65.0	62.9	92,200
50.0	60.6	136,000	55.0	60.5	118,200	60.0	60.5	103,900	65.0	60.4	92,400	70.0	60.4	83,000
55.0	56.8	118,400	60.0	57.1	104,100	65.0	57.4	92,600	70.0	57.6	83,200	75.0	57.8	75,100
60.0	52.9	104,300	65.0	53.6	93,000	70.0	54.2	83,400	75.0	54.7	75,300	80.0	55.2	68,400
65.0	48.7	93,200	70.0	49.9	84,000	75.0	50.9	75,600	80.0	51.7	68,600	85.0	52.4	62,500
70.0	44.2	84,200	75.0	46.0	76,100	80.0	47.4	68,800	85.0	48.6	62,700	90.0	49.5	57,500
75.0	39.3	76,300	80.0	41.8	69,300	85.0	43.8	62,900	90.0	45.3	57,800	95.0	46.5	53,100
80.0	33.9	69,400	85.0	37.3	63,600	90.0	39.7	58,100	95.0	41.7	53,300	100.0	43.4	49,100
83.3	30.0	65,400	90.0	32.0	58,600	95.0	35.4	53,800	100.0	38.0	49,400	110.0	36.4	42,400
			91.8	30.0	56,800	100.0	30.6	49,800	109.2	30.0	43,400	117.7	30.0	38,300
Reeves		14	Reeves		12	Reeves		12	Reeves		10	Reeves		10

40' Jib Length														
140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.1	80.0	228,100 *	32.1	80.0	208,700 *	33.7	80.0	196,600 *	35.4	80.0	179,400 *	37.4	80.0	172,300 *
32.0	79.3	223,200 *	34.0	79.2	201,000 *	34.0	79.9	195,700 *	36.0	79.8	177,800 *	38.0	79.8	170,100 *
34.0	78.5	214,000 *	36.0	78.5	192,400 *	36.0	79.2	187,500 *	38.0	79.1	172,200 *	40.0	79.1	162,500 *
36.0	77.6	202,200 *	38.0	77.7	183,800 *	38.0	78.5	179,300 *	40.0	78.5	166,000 *	42.0	78.5	155,000 *
38.0	76.8	190,400 *	40.0	76.9	175,100 *	40.0	77.7	171,000 *	42.0	77.8	158,400 *	44.0	77.8	147,400 *
40.0	75.9	179,300	42.0	76.1	166,500 *	42.0	77.0	162,700 *	44.0	77.1	150,800 *	46.0	77.2	140,000
42.0	75.1	169,900	44.0	75.3	157,800 *	44.0	76.2	154,400 *	46.0	76.4	143,300	48.0	76.5	134,000
44.0	74.2	160,500	46.0	74.5	149,200	46.0	75.5	146,100	48.0	75.7	137,100	50.0	75.8	128,100
46.0	73.4	151,100	48.0	73.7	141,600	48.0	74.8	139,400	50.0	75.0	130,900	55.0	74.2	114,400
48.0	72.5	143,000	50.0	72.9	134,000	50.0	74.0	132,700	55.0	73.2	116,100	60.0	72.5	102,100
50.0	71.6	134,900	55.0	70.9	117,100	55.0	72.1	116,900	60.0	71.5	102,500	65.0	70.8	90,800
55.0	69.5	117,300	60.0	68.9	103,000	60.0	70.2	102,800	65.0	69.7	91,300	70.0	69.1	81,700
60.0	67.3	103,200	65.0	66.8	91,700	65.0	68.3	91,500	70.0	67.8	81,900	75.0	67.4	73,700
65.0	65.0	91,900	70.0	64.7	82,500	70.0	66.4	82,300	75.0	66.0	74,000	80.0	65.7	66,800
70.0	62.7	82,800	75.0	62.5	74,700	75.0	64.4	74,400	80.0	64.1	67,200	85.0	63.9	60,700
75.0	60.4	74,900	80.0	60.4	67,900	80.0	62.4	67,500	85.0	62.2	61,200	90.0	62.1	55,800
80.0	58.0	68,100	85.0	58.1	62,000	85.0	60.3	61,800	90.0	60.3	56,200	95.0	60.3	51,400
85.0	55.5	62,300	90.0	55.8	56,900	90.0	58.2	56,700	95.0	58.3	51,900	100.0	58.4	47,500
90.0	53.0	57,300	95.0	53.5	52,400	95.0	56.1	52,200	100.0	56.3	47,900	110.0	54.6	40,600
95.0	50.3	52,900	100.0	51.0	48,400	100.0	53.9	48,200	110.0	52.1	41,100	120.0	50.6	35,100
100.0	47.6	48,900	110.0	45.9	41,500	110.0	49.3	41,300	120.0	47.7	35,600	130.0	46.3	30,500
110.0	41.7	42,200	120.0	40.2	36,300	120.0	44.3	36,000	130.0	42.9	31,100	140.0	41.6	26,800
120.0	35.0	36,900	130.0	33.8	31,600	130.0	38.9	31,400	140.0	37.6	27,100	150.0	36.6	23,200
126.6	30.0	33,700	135.1	30.0	29,500	140.0	32.6	27,700	150.0	31.7	23,800	160.0	30.7	20,300
						144.0	30.0	26,400	152.5	30.0	23,300	161.0	30.0	20,000
Reeves		8	Reeves		8	Reeves		7	Reeves		7	Reeves		6

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

STERLING CRANE

Fixed Jib Lift Capacity

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

40' Jib Length														
190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.0	80.0	160,700 *	40.6	80.0	144,800 *	42.3	80.0	142,100 *	44.2	80.0	134,000 *	45.9	80.0	124,500 *
40.0	79.7	157,400 *	42.0	79.6	141,900 *	44.0	79.6	137,100 *	46.0	79.5	128,500 *	46.0	79.9	124,300 *
42.0	79.1	150,600 *	44.0	79.0	137,400 *	46.0	79.0	131,200 *	48.0	79.0	123,200 *	48.0	79.5	119,000 *
44.0	78.5	143,900 *	46.0	78.5	132,900 *	48.0	78.5	125,700 *	50.0	78.5	117,900 *	50.0	79.0	113,600 *
46.0	77.8	137,100 *	48.0	77.9	127,800 *	50.0	77.9	120,300 *	55.0	77.1	106,000	55.0	77.7	102,200
48.0	77.2	131,300 *	50.0	77.3	122,600 *	55.0	76.5	108,000	60.0	75.8	95,700	60.0	76.4	93,200
50.0	76.6	125,500 *	55.0	75.8	110,400	60.0	75.1	97,500	65.0	74.4	87,000	65.0	75.1	84,800
55.0	75.0	112,500	60.0	74.3	99,400	65.0	73.7	88,600	70.0	73.1	79,600	70.0	73.8	77,800
60.0	73.5	101,100	65.0	72.8	90,000	70.0	72.2	80,300	75.0	71.7	72,300	75.0	72.5	71,300
65.0	71.9	90,300	70.0	71.3	81,000	75.0	70.8	72,500	80.0	70.3	65,300	80.0	71.2	65,000
70.0	70.3	81,400	75.0	69.8	73,100	80.0	69.3	65,500	85.0	68.9	59,600	85.0	69.9	59,000
75.0	68.7	73,500	80.0	68.3	66,300	85.0	67.9	59,800	90.0	67.5	54,500	90.0	68.6	53,900
80.0	67.0	66,500	85.0	66.7	60,300	90.0	66.4	54,700	95.0	66.1	49,900	95.0	67.2	49,300
85.0	65.4	60,500	90.0	65.1	55,200	95.0	64.9	50,100	100.0	64.7	45,800	100.0	65.8	45,400
90.0	63.7	55,600	95.0	63.5	50,700	100.0	63.4	46,000	110.0	61.7	39,100	110.0	63.1	38,600
95.0	62.0	51,000	100.0	61.9	46,600	110.0	60.3	39,300	120.0	58.7	33,500	120.0	60.2	32,900
100.0	60.3	46,900	110.0	58.6	39,900	120.0	57.0	33,800	130.0	55.6	28,900	130.0	57.3	28,100
110.0	56.7	40,200	120.0	55.2	34,300	130.0	53.7	29,300	140.0	52.4	24,500	140.0	54.3	23,500
120.0	53.0	34,800	130.0	51.6	29,800	140.0	50.2	25,100	150.0	49.0	20,800	150.0	51.1	20,100
130.0	49.1	30,100	140.0	47.8	25,800	150.0	46.6	21,200	160.0	45.4	17,800	160.0	47.8	16,900
140.0	45.0	26,200	150.0	43.8	22,300	160.0	42.6	18,000	170.0	41.6	15,100	170.0	44.4	14,200
150.0	40.5	22,800	160.0	39.4	19,000	170.0	38.4	15,500	180.0	37.5	12,700	180.0	40.6	11,600
160.0	35.5	19,600	170.0	34.6	16,200	180.0	33.7	13,200	190.0	32.9	10,600	190.0	36.6	9,500
169.9	30.0	16,700	178.4	30.0	14,300	187.3	30.0	11,600	195.8	30.0	9,400	200.0	32.2	7,600
												204.3	30.0	6,800
Reeves		6	Reeves		5	Reeves		5	Reeves		5	Reeves		5
40' Jib Length														
240 ft Boom			250 ft Boom											
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
47.5	80.0	113,900 *	49.5	80.0	102,000 *									
48.0	79.9	113,300 *	50.0	79.9	101,800 *									
50.0	79.4	110,200 *	55.0	78.7	97,100 *									
55.0	78.2	101,300	60.0	77.5	90,100									
60.0	77.0	91,500	65.0	76.3	81,900									
65.0	75.8	83,400	70.0	75.2	74,800									
70.0	74.5	76,200	75.0	74.0	68,600									
75.0	73.3	69,900	80.0	72.8	63,100									
80.0	72.0	64,200	85.0	71.6	58,000									
85.0	70.8	58,700	90.0	70.3	53,300									
90.0	69.5	53,600	95.0	69.1	48,900									
95.0	68.2	49,100	100.0	67.9	44,900									
100.0	66.9	45,100	110.0	65.4	38,000									
110.0	64.3	38,200	120.0	62.8	32,400									
120.0	61.6	32,700	130.0	60.2	27,000									
130.0	58.8	27,500	140.0	57.5	22,700									
140.0	56.0	23,000	150.0	54.8	19,000									
150.0	53.0	19,500	160.0	51.9	15,900									
160.0	50.0	16,500	170.0	48.9	13,100									
170.0	46.8	13,600	180.0	45.8	10,500									
180.0	43.4	11,200	190.0	42.5	8,200									
190.0	39.8	9,000	200.0	38.9	6,400									
200.0	35.8	7,000	203.4	37.6	5,900									
209.9	31.5	5,200												
Reeves		4	Reeves		4									

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.