



LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Main Boom Lift Capacity

Full Counterweight: 200,900 lbs

Carbody Weight: 60,400

50' Boom			60' Boom			70' Boom			80' Boom			90' 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)
15.0	79.5	550,000 *	16.4	80.0	499,700 *	18.0	80.0	451,900 *	20.0	80.0	403,400 *	21.6	80.0	384,700 *
16.0	78.4	521,700 *	17.0	79.4	485,600 *	19.0	79.3	434,000 *	22.0	78.4	376,700 *	22.0	79.7	378,900 *
17.0	77.3	492,900 *	18.0	78.4	462,000 *	20.0	78.4	415,800 *	24.0	77.0	349,900 *	24.0	78.4	349,300 *
18.0	76.1	466,500 *	19.0	77.5	438,300 *	22.0	76.8	381,000 *	26.0	75.5	323,300 *	26.0	77.1	322,700 *
19.0	74.9	440,200 *	20.0	76.5	416,600 *	24.0	75.1	350,400 *	28.0	74.0	301,700 *	28.0	75.8	300,900 *
20.0	73.7	416,700 *	22.0	74.5	381,800 *	26.0	73.4	323,800 *	30.0	72.5	281,600 *	30.0	74.5	280,200 *
22.0	71.2	382,300 *	24.0	72.5	351,300 *	28.0	71.6	302,100 *	32.0	71.0	264,600 *	32.0	73.2	260,700 *
24.0	68.8	351,900 *	26.0	70.4	324,700 *	30.0	69.9	282,100 *	34.0	69.4	247,000 *	34.0	71.8	243,000 *
26.0	66.3	325,300 *	28.0	68.4	302,900 *	32.0	68.1	265,000 *	36.0	67.9	229,000 *	36.0	70.5	226,500 *
28.0	63.7	303,500 *	30.0	66.3	282,700 *	34.0	66.3	247,300 *	38.0	66.3	211,100 *	38.0	69.1	210,100 *
30.0	61.1	283,400 *	32.0	64.2	265,700 *	36.0	64.5	229,300 *	40.0	64.7	195,000 *	40.0	67.7	195,000 *
32.0	58.4	266,300 *	34.0	62.0	247,900 *	38.0	62.6	211,200 *	42.0	63.1	183,100 *	42.0	66.3	183,000 *
34.0	55.5	248,300 *	36.0	59.7	229,600 *	40.0	60.8	195,000 *	44.0	61.5	171,100 *	44.0	64.9	171,000 *
36.0	52.6	229,700 *	38.0	57.5	211,300 *	42.0	58.8	183,100 *	46.0	59.8	159,300 *	46.0	63.5	159,100 *
38.0	49.6	211,100 *	40.0	55.2	195,000 *	44.0	56.9	171,100 *	48.0	58.1	151,100 *	48.0	62.0	150,800 *
40.0	46.4	194,600 *	42.0	52.7	183,100 *	46.0	54.9	159,300 *	50.0	56.4	142,900 *	50.0	60.6	142,500 *
42.0	42.9	182,600 *	44.0	50.2	171,100 *	48.0	52.8	151,100 *	55.0	51.9	125,200 *	55.0	56.8	124,700 *
44.0	39.3	170,700 *	46.0	47.7	159,300 *	50.0	50.6	142,900 *	60.0	47.1	110,900 *	60.0	52.9	110,500 *
46.0	35.7	158,700 *	48.0	44.8	151,100 *	55.0	45.0	125,200 *	65.0	41.9	99,700 *	65.0	48.7	99,200 *
48.0	31.3	147,800 *	50.0	42.0	142,900 *	60.0	38.7	110,900 *	70.0	36.0	90,500 *	70.0	44.2	90,000 *
48.5	30.0	144,800 *	55.0	34.0	125,100 *	65.0	31.4	99,700 *	74.4	30.0	82,800 *	75.0	39.3	82,100 *
			57.4	30.0	117,900 *	65.9	30.0	97,600 *				80.0	33.9	75,200 *
												83.3	30.0	71,200 *
Reeves		22	Reeves		18	Reeves		16	Reeves		14	Reeves		14
100' Boom			110' Boom			120' Boom			130' Boom			140' 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)
23.2	80.0	339,900 *	25.2	80.0	317,000 *	26.9	80.0	280,600 *	28.5	80.0	255,000 *	30.1	80.0	236,300 *
24.0	79.6	334,800 *	26.0	79.5	313,000 *	28.0	79.4	277,400 *	30.0	79.4	250,700 *	32.0	79.3	231,100 *
26.0	78.4	320,500 *	28.0	78.4	295,100 *	30.0	78.4	268,700 *	32.0	78.5	240,700 *	34.0	78.5	221,600 *
28.0	77.3	298,000 *	30.0	77.4	276,100 *	32.0	77.5	250,800 *	34.0	77.5	228,900 *	36.0	77.6	209,600 *
30.0	76.1	276,100 *	32.0	76.3	257,300 *	34.0	76.5	235,300 *	36.0	76.6	215,700 *	38.0	76.8	197,600 *
32.0	74.9	260,000 *	34.0	75.2	240,400 *	36.0	75.5	221,500 *	38.0	75.7	202,500 *	40.0	75.9	186,400 *
34.0	73.7	243,500 *	36.0	74.1	224,700 *	38.0	74.5	207,600 *	40.0	74.8	190,200 *	42.0	75.1	177,000 *
36.0	72.5	226,800 *	38.0	73.1	209,100 *	40.0	73.5	194,400 *	42.0	73.9	179,600 *	44.0	74.2	167,700 *
38.0	71.3	210,000 *	40.0	72.0	194,600 *	42.0	72.5	182,300 *	44.0	73.0	168,900 *	46.0	73.4	158,400 *
40.0	70.1	194,800 *	42.0	70.8	182,500 *	44.0	71.5	170,300 *	46.0	72.0	158,400 *	48.0	72.5	150,100 *
42.0	68.8	182,800 *	44.0	69.7	170,500 *	46.0	70.5	158,400 *	48.0	71.1	150,100 *	50.0	71.6	141,700 *
44.0	67.6	170,700 *	46.0	68.6	158,600 *	48.0	69.5	150,200 *	50.0	70.2	141,900 *	55.0	69.5	123,800 *
46.0	66.3	158,800 *	48.0	67.5	150,400 *	50.0	68.4	142,000 *	55.0	67.8	124,000 *	60.0	67.3	109,600 *
48.0	65.1	150,600 *	50.0	66.3	142,100 *	55.0	65.8	124,200 *	60.0	65.4	109,600 *	65.0	65.0	98,100 *
50.0	63.8	142,300 *	55.0	63.4	124,300 *	60.0	63.2	109,800 *	65.0	62.9	98,100 *	70.0	62.7	88,800 *
55.0	60.5	124,600 *	60.0	60.5	110,000 *	65.0	60.4	98,400 *	70.0	60.4	88,900 *	75.0	60.4	80,800 *
60.0	57.1	110,400 *	65.0	57.4	98,600 *	70.0	57.6	89,100 *	75.0	57.8	81,000 *	80.0	58.0	73,900 *
65.0	53.6	99,000 *	70.0	54.2	89,200 *	75.0	54.7	81,200 *	80.0	55.2	74,000 *	85.0	55.5	68,000 *
70.0	49.9	89,800 *	75.0	50.9	81,300 *	80.0	51.7	74,300 *	85.0	52.4	68,000 *	90.0	53.0	62,900 *
75.0	46.0	81,900 *	80.0	47.4	74,500 *	85.0	48.6	68,200 *	90.0	49.5	63,100 *	95.0	50.3	58,400 *
80.0	41.8	75,000 *	85.0	43.8	68,400 *	90.0	45.3	63,300 *	95.0	46.5	58,500 *	100.0	47.6	54,300 *
85.0	37.3	69,300 *	90.0	39.7	63,500 *	95.0	41.7	58,800 *	100.0	43.4	54,400 *	110.0	41.7	47,500 *
90.0	32.0	64,200 *	95.0	35.4	59,000 *	100.0	38.0	54,900 *	110.0	36.4	47,700 *	120.0	35.0	42,000 *
91.8	30.0	62,300 *	100.0	30.6	55,100 *	109.2	30.0	48,700 *	117.7	30.0	43,400 *	126.6	30.0	38,800 *
Reeves		12	Reeves		12	Reeves		10	Reeves		10	Reeves		8

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

Main Boom Lift Capacity

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

150' Boom			160' Boom			170' Boom			180' Boom			190' 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)
32.1	80.0	216,700 *	33.7	80.0	204,100 *	35.4	80.0	186,700 *	37.4	80.0	179,400 *	39.0	80.0	167,700 *
34.0	79.2	208,500 *	34.0	79.9	203,200 *	36.0	79.8	185,000 *	38.0	79.8	177,100 *	40.0	79.7	164,200 *
36.0	78.5	199,600 *	36.0	79.2	194,800 *	38.0	79.1	179,200 *	40.0	79.1	169,500 *	42.0	79.1	157,300 *
38.0	77.7	190,800 *	38.0	78.5	186,500 *	40.0	78.5	172,800 *	42.0	78.5	161,700 *	44.0	78.5	150,400 *
40.0	76.9	181,900 *	40.0	77.7	178,100 *	42.0	77.8	165,100 *	44.0	77.8	154,000 *	46.0	77.8	143,500 *
42.0	76.1	173,200 *	42.0	77.0	169,600 *	44.0	77.1	157,300 *	46.0	77.2	146,300 *	48.0	77.2	137,600 *
44.0	75.3	164,500 *	44.0	76.2	161,100 *	46.0	76.4	149,600 *	48.0	76.5	140,300 *	50.0	76.6	131,700 *
46.0	74.5	155,800	46.0	75.5	152,700	48.0	75.7	143,400	50.0	75.8	134,300	55.0	75.0	118,500
48.0	73.7	148,100	48.0	74.8	145,900	50.0	75.0	137,200	55.0	74.2	120,400	60.0	73.5	107,000
50.0	72.9	140,500	50.0	74.0	139,100	55.0	73.2	122,200	60.0	72.5	108,000	65.0	71.9	96,100
55.0	70.9	123,300	55.0	72.1	123,100	60.0	71.5	108,500	65.0	70.8	96,600	70.0	70.3	86,900
60.0	68.9	108,900	60.0	70.2	108,700	65.0	69.7	97,000	70.0	69.1	87,200	75.0	68.7	78,900
65.0	66.8	97,500	65.0	68.3	97,300	70.0	67.8	87,700	75.0	67.4	79,200	80.0	67.0	71,800
70.0	64.7	88,300	70.0	66.4	88,000	75.0	66.0	79,600	80.0	65.7	72,300	85.0	65.4	65,800
75.0	62.5	80,300	75.0	64.4	80,000	80.0	64.1	72,700	85.0	63.9	66,200	90.0	63.7	60,800
80.0	60.4	73,400	80.0	62.4	73,000	85.0	62.2	66,700	90.0	62.1	61,100	95.0	62.0	56,300
85.0	58.1	67,300	85.0	60.3	67,100	90.0	60.3	61,600	95.0	60.3	56,600	100.0	60.3	52,100
90.0	55.8	62,200	90.0	58.2	62,000	95.0	58.3	57,100	100.0	58.4	52,600	110.0	56.7	45,300
95.0	53.5	57,700	95.0	56.1	57,500	100.0	56.3	53,000	110.0	54.6	45,700	120.0	53.0	39,800
100.0	51.0	53,700	100.0	53.9	53,500	110.0	52.1	46,100	120.0	50.6	40,100	130.0	49.1	35,100
110.0	45.9	46,800	110.0	49.3	46,600	120.0	47.7	40,700	130.0	46.3	35,500	140.0	45.0	31,200
120.0	40.2	41,300	120.0	44.3	41,100	130.0	42.9	36,000	140.0	41.6	31,600	150.0	40.5	27,800
130.0	33.8	36,600	130.0	38.9	36,400	140.0	37.6	32,100	150.0	36.6	28,300	160.0	35.5	24,900
135.1	30.0	34,600	140.0	32.6	32,700	150.0	31.7	28,900	160.0	30.7	25,400	169.9	30.0	22,400
			144.0	30.0	31,300	152.5	30.0	28,200	161.0	30.0	25,100			
Reeves		8	Reeves		7	Reeves		7	Reeves		7	Reeves		6
200' Boom			210' Boom			220' Boom			230' Boom			240' 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)
40.6	80.0	151,600 *	42.3	80.0	148,800 *	44.2	80.0	140,600 *	45.9	80.0	130,900 *	47.5	80.0	120,100 *
42.0	79.6	148,600 *	44.0	79.6	143,600 *	46.0	79.5	134,900 *	46.0	79.9	130,700 *	48.0	79.9	119,400 *
44.0	79.0	144,000 *	46.0	79.0	137,500 *	48.0	79.0	129,500 *	48.0	79.5	125,200 *	50.0	79.4	116,400 *
46.0	78.5	139,300 *	48.0	78.5	132,000 *	50.0	78.5	124,000 *	50.0	79.0	119,700 *	55.0	78.2	107,400
48.0	77.9	134,000 *	50.0	77.9	126,400 *	55.0	77.1	111,800	55.0	77.7	108,100	60.0	77.0	97,300
50.0	77.3	128,700 *	55.0	76.5	113,900	60.0	75.8	101,400	60.0	76.4	98,900	65.0	75.8	88,900
55.0	75.8	116,400	60.0	75.1	103,200	65.0	74.4	92,500	65.0	75.1	90,500	70.0	74.5	81,700
60.0	74.3	105,300	65.0	73.7	94,100	70.0	73.1	85,100	70.0	73.8	83,400	75.0	73.3	75,300
65.0	72.8	95,700	70.0	72.2	85,800	75.0	71.7	77,900	75.0	72.5	76,700	80.0	72.0	69,500
70.0	71.3	86,600	75.0	70.8	78,000	80.0	70.3	71,000	80.0	71.2	70,300	85.0	70.8	64,000
75.0	69.8	78,500	80.0	69.3	71,000	85.0	68.9	64,900	85.0	69.9	64,200	90.0	69.5	58,900
80.0	68.3	71,600	85.0	67.9	65,100	90.0	67.5	59,800	90.0	68.6	59,100	95.0	68.2	54,300
85.0	66.7	65,600	90.0	66.4	60,000	95.0	66.1	55,200	95.0	67.2	54,600	100.0	66.9	50,200
90.0	65.1	60,500	95.0	64.9	55,400	100.0	64.7	51,000	100.0	65.8	50,600	110.0	64.3	43,300
95.0	63.5	56,000	100.0	63.4	51,300	110.0	61.7	44,100	110.0	63.1	43,700	120.0	61.6	37,600
100.0	61.9	51,900	110.0	60.3	44,400	120.0	58.7	38,500	120.0	60.2	38,000	130.0	58.8	32,900
110.0	58.6	45,000	120.0	57.0	38,900	130.0	55.6	34,000	130.0	57.3	33,300	140.0	56.0	29,000
120.0	55.2	39,400	130.0	53.7	34,200	140.0	52.4	30,000	140.0	54.3	29,300	150.0	53.0	25,600
130.0	51.6	34,700	140.0	50.2	30,200	150.0	49.0	26,700	150.0	51.1	26,000	160.0	50.0	22,900
140.0	47.8	30,900	150.0	46.6	26,900	160.0	45.4	23,700	160.0	47.8	23,100	170.0	46.8	20,200
150.0	43.8	27,600	160.0	42.6	24,000	170.0	41.6	21,300	170.0	44.4	20,600	180.0	43.4	17,800
160.0	39.4	24,600	170.0	38.4	21,500	180.0	37.5	19,000	180.0	40.6	18,200	190.0	39.8	15,700
170.0	34.6	22,100	180.0	33.7	19,300	190.0	32.9	17,000	190.0	36.6	16,100	200.0	35.8	13,800
178.4	30.0	20,200	187.3	30.0	17,800	195.8	30.0	15,800	200.0	32.2	14,200	210.0	31.5	12,100
									204.3	30.0	13,400	213.2	30.0	11,600
Reeves		6	Reeves		5	Reeves		5	Reeves		5	Reeves		5

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

Main Boom Lift Capacity

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

250' Boom			260' Boom			270' Boom			280' Boom			290' 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)
49.5	80.0	108,200 *	51.1	80.0	98,500 *	52.8	80.0	90,100 *	54.4	80.0	82,400 *	56.4	80.0	74,500 *
50.0	79.9	108,000 *	55.0	79.1	97,000 *	55.0	79.5	89,200 *	55.0	79.9	82,200 *	60.0	79.3	73,000 *
55.0	78.7	103,100 *	60.0	78.0	93,700	60.0	78.5	86,800 *	60.0	78.9	80,300 *	65.0	78.3	71,200 *
60.0	77.5	95,800	65.0	76.9	85,600	65.0	77.4	83,300 *	65.0	77.8	78,200 *	70.0	77.2	69,500 *
65.0	76.3	87,400	70.0	75.7	78,700	70.0	76.3	77,000	70.0	76.8	74,300 *	75.0	76.2	66,800 *
70.0	75.2	80,300	75.0	74.6	72,500	75.0	75.2	70,800	75.0	75.7	69,400	80.0	75.2	63,100 *
75.0	74.0	74,000	80.0	73.5	66,800	80.0	74.1	65,300	80.0	74.7	64,000	85.0	74.2	58,200 *
80.0	72.8	68,300	85.0	72.3	62,000	85.0	73.0	60,400	85.0	73.6	59,300	90.0	73.2	54,100
85.0	71.6	63,300	90.0	71.1	57,600	90.0	71.9	56,200	90.0	72.5	55,100	95.0	72.1	50,300
90.0	70.3	58,600	95.0	70.0	53,400	95.0	70.7	52,300	95.0	71.4	51,200	100.0	71.1	46,800
95.0	69.1	54,100	100.0	68.8	49,500	100.0	69.6	48,700	100.0	70.4	47,700	110.0	69.0	40,700
100.0	67.9	49,900	110.0	66.4	42,600	110.0	67.3	41,900	110.0	68.2	41,500	120.0	66.8	35,700
110.0	65.4	43,000	120.0	64.0	36,900	120.0	65.0	36,300	120.0	65.9	36,000	130.0	64.7	31,000
120.0	62.8	37,400	130.0	61.5	32,200	130.0	62.6	31,600	130.0	63.7	31,200	140.0	62.4	27,100
130.0	60.2	32,700	140.0	58.9	28,200	140.0	60.2	27,600	140.0	61.4	27,400	150.0	60.2	23,600
140.0	57.5	28,700	150.0	56.3	24,900	150.0	57.7	24,300	150.0	59.0	23,800	160.0	57.9	20,600
150.0	54.8	25,400	160.0	53.6	22,000	160.0	55.2	21,200	160.0	56.6	20,800	170.0	55.5	17,700
160.0	51.9	22,400	170.0	50.8	19,300	170.0	52.5	18,400	170.0	54.1	18,000	180.0	53.1	15,200
170.0	48.9	19,700	180.0	47.9	16,700	180.0	49.8	16,000	180.0	51.5	15,600	190.0	50.5	13,000
180.0	45.8	17,400	190.0	44.8	14,600	190.0	46.9	13,900	190.0	48.8	13,500	200.0	47.9	11,100
190.0	42.5	15,200	200.0	41.6	12,600	200.0	43.9	11,900	200.0	46.0	11,400	210.0	45.2	9,400
200.0	38.9	13,300	210.0	38.1	11,000	210.0	40.8	10,100	210.0	43.1	9,600	220.0	42.3	7,700
210.0	35.1	11,600	220.0	34.3	9,400	220.0	37.4	8,600	220.0	40.0	8,200	230.0	39.3	6,300
220.0	30.8	10,100	230.0	30.2	8,000	230.0	33.7	7,200	230.0	36.7	6,700	236.2	37.3	5,500
221.7	30.0	9,900	230.3	30.0	7,900	239.1	30.0	6,100	240.0	33.1	5,500			
									242.7	32.0	5,200			
Reeves		4	Reeves		4	Reeves		4	Reeves		4	Reeves		4
300' Boom														
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)												
58.0	80.0	68,300 *												
60.0	79.6	67,700 *												
65.0	78.7	65,900 *												
70.0	77.7	64,200 *												
75.0	76.7	62,400 *												
80.0	75.7	60,200 *												
85.0	74.7	56,800 *												
90.0	73.7	52,800 *												
95.0	72.7	49,100 *												
100.0	71.7	45,700												
110.0	69.7	39,600												
120.0	67.6	34,600												
130.0	65.6	30,200												
140.0	63.4	26,500												
150.0	61.3	23,200												
160.0	59.1	19,900												
170.0	56.8	17,100												
180.0	54.5	14,700												
190.0	52.1	12,400												
200.0	49.6	10,400												
210.0	47.1	8,800												
220.0	44.4	7,000												
229.6	41.7	5,200 *												
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.