



LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Luffing Boom Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

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)
17.7	80.0	330,600 *	19.3	80.0	316,500 *	20.9	80.0	317,000 *	22.9	80.0	317,900 *	24.6	80.0	318,700 *
18.0	79.6	330,600 *	20.0	79.4	316,500 *	22.0	79.3	317,000 *	24.0	79.2	317,700 *	26.0	79.1	317,200 *
19.0	78.4	330,600 *	22.0	77.4	316,500 *	24.0	77.6	317,000 *	26.0	77.7	317,400 *	28.0	77.8	298,600 *
20.0	77.2	330,600 *	24.0	75.4	316,500 *	26.0	75.9	317,000 *	28.0	76.2	299,000 *	30.0	76.4	278,100 *
22.0	74.8	330,600 *	26.0	73.4	316,500 *	28.0	74.1	299,300 *	30.0	74.7	279,000 *	32.0	75.1	259,000 *
24.0	72.3	327,100 *	28.0	71.3	299,200 *	30.0	72.4	279,800 *	32.0	73.2	261,900 *	34.0	73.8	241,100
26.0	69.8	320,200 *	30.0	69.2	280,100 *	32.0	70.6	262,600 *	34.0	71.6	244,200	36.0	72.4	223,900
28.0	67.3	300,900 *	32.0	67.1	263,000 *	34.0	68.8	244,800	36.0	70.1	226,000	38.0	71.0	206,800
30.0	64.6	280,800 *	34.0	64.9	245,200	36.0	67.0	226,400	38.0	68.5	207,800	40.0	69.7	191,300
32.0	62.0	263,700 *	36.0	62.7	226,700	38.0	65.2	208,100	40.0	66.9	191,500	42.0	68.3	179,400
34.0	59.1	245,700	38.0	60.4	208,300	40.0	63.3	191,800	42.0	65.3	179,600	44.0	66.9	167,500
36.0	56.2	227,200	40.0	58.1	192,000	42.0	61.3	179,900	44.0	63.7	167,700	46.0	65.5	155,800
38.0	53.2	208,600	42.0	55.7	180,100	44.0	59.4	168,000	46.0	62.0	156,000	48.0	64.0	147,800
40.0	50.1	192,200	44.0	53.2	168,200	46.0	57.4	156,200	48.0	60.3	148,000	50.0	62.5	139,800
42.0	46.6	180,300	46.0	50.7	156,400	48.0	55.3	148,200	50.0	58.6	140,000	55.0	58.8	122,600
44.0	43.0	168,400	48.0	47.9	148,400	50.0	53.2	140,200	55.0	54.1	122,800	60.0	54.8	108,700
46.0	39.5	156,600	50.0	45.0	140,400	55.0	47.5	123,000	60.0	49.4	108,900	65.0	50.7	97,500
48.0	34.8	146,700	55.0	36.9	122,900	60.0	41.3	109,200	65.0	44.2	97,700	70.0	46.2	88,300
50.0	30.2	136,700	58.7	30.0	111,700	65.0	34.1	97,900	70.0	38.3	88,500	75.0	41.3	80,400
50.1	30.0	135,800 *				67.5	30.0	93,000	75.0	31.6	80,300	80.0	35.9	73,600
									76.1	30.0	78,700	84.6	30.0	67,900
Reeves		12	Reeves		12	Reeves		12	Reeves		12	Reeves		12
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)
26.2	80.0	291,400 *	28.2	80.0	255,700 *	29.8	80.0	245,300 *	31.4	80.0	220,400 *	33.1	80.0	209,600 *
28.0	79.0	281,500 *	30.0	79.0	251,000 *	30.0	79.9	244,900 *	32.0	79.8	219,100 *	34.0	79.7	206,500 *
30.0	77.8	269,100 *	32.0	77.9	244,500 *	32.0	78.9	239,600 *	34.0	78.9	212,500 *	36.0	78.9	199,300 *
32.0	76.6	252,900 *	34.0	76.8	233,200	34.0	77.9	229,600 *	36.0	78.0	204,700 *	38.0	78.0	192,100 *
34.0	75.4	237,100	36.0	75.7	218,800	36.0	76.9	216,500 *	38.0	77.1	196,900 *	40.0	77.2	184,000
36.0	74.2	221,300	38.0	74.6	204,500	38.0	76.0	203,400 *	40.0	76.2	188,000	42.0	76.3	174,200
38.0	73.0	205,600	40.0	73.5	190,900	40.0	75.0	190,600	42.0	75.2	176,900	44.0	75.5	164,400
40.0	71.8	191,100	42.0	72.4	179,000	42.0	74.0	178,800	44.0	74.3	165,900	46.0	74.6	154,700
42.0	70.6	179,200	44.0	71.3	167,100	44.0	72.9	166,900	46.0	73.4	154,900	48.0	73.8	146,700
44.0	69.3	167,300	46.0	70.2	155,300	46.0	71.9	155,100	48.0	72.5	146,900	50.0	72.9	138,700
46.0	68.1	155,500	48.0	69.1	147,300	48.0	70.9	147,100	50.0	71.5	138,900	55.0	70.7	121,500
48.0	66.8	147,500	50.0	67.9	139,300	50.0	69.9	139,100	55.0	69.1	121,700	60.0	68.5	107,600
50.0	65.5	139,500	55.0	65.0	122,100	55.0	67.3	121,900	60.0	66.7	107,800	65.0	66.3	96,200
55.0	62.3	122,300	60.0	62.1	108,300	60.0	64.6	108,100	65.0	64.3	96,600	70.0	64.0	86,800
60.0	58.9	108,500	65.0	59.0	97,000	65.0	61.9	96,800	70.0	61.8	87,400	75.0	61.6	78,800
65.0	55.4	97,200	70.0	55.8	87,800	70.0	59.1	87,600	75.0	59.2	79,400	80.0	59.2	71,900
70.0	51.7	88,000	75.0	52.5	79,900	75.0	56.2	79,600	80.0	56.5	72,500	85.0	56.8	66,000
75.0	47.8	80,100	80.0	49.0	73,000	80.0	53.2	72,800	85.0	53.8	66,500	90.0	54.2	60,900
80.0	43.6	73,200	85.0	45.4	67,100	85.0	50.1	66,900	90.0	50.9	61,500	95.0	51.6	56,400
85.0	39.1	67,300	90.0	41.4	62,000	90.0	46.7	61,800	95.0	47.9	57,100	100.0	48.9	52,400
90.0	33.8	62,200	95.0	37.0	57,600	95.0	43.2	57,400	100.0	44.7	53,000	110.0	43.0	45,700
93.5	30.0	59,000	100.0	32.2	53,700	100.0	39.4	53,500	110.0	37.8	46,300	120.0	36.3	40,100
			102.0	30.0	52,200	110.0	30.7	46,800	119.4	30.0	41,000	127.9	30.0	36,300
Reeves		10	Reeves		10	Reeves		10	Reeves		8	Reeves		8

STERLING CRANE

Luffing Boom Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

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)
35.1	80.0	182,900 *	36.7	80.0	178,500 *	38.3	80.0	171,700 *	40.3	80.0	161,300 *	41.9	80.0	152,500 *
36.0	79.6	181,000 *	38.0	79.5	174,600 *	40.0	79.5	165,300 *	42.0	79.4	155,200 *	42.0	79.9	152,500
38.0	78.8	176,600 *	40.0	78.8	168,500	42.0	78.8	157,800 *	44.0	78.8	147,800 *	44.0	79.4	145,500
40.0	78.0	171,900	42.0	78.1	162,800	44.0	78.1	150,300 *	46.0	78.1	140,400	46.0	78.8	138,700
42.0	77.3	166,100	44.0	77.3	157,000	46.0	77.4	142,900	48.0	77.5	135,700	48.0	78.1	133,100
44.0	76.5	160,300	46.0	76.6	151,200	48.0	76.7	138,200	50.0	76.8	131,000	50.0	77.5	127,600
46.0	75.7	154,400	48.0	75.8	144,100	50.0	76.0	133,600	55.0	75.1	118,900	55.0	76.0	115,800
48.0	74.9	146,400	50.0	75.1	137,100	55.0	74.2	120,700	60.0	73.5	106,500	60.0	74.4	105,700
50.0	74.1	138,400	55.0	73.2	121,000	60.0	72.5	106,900	65.0	71.8	95,100	65.0	72.8	94,800
55.0	72.1	121,200	60.0	71.3	107,100	65.0	70.7	95,500	70.0	70.1	85,700	70.0	71.2	85,500
60.0	70.0	107,400	65.0	69.4	95,700	70.0	68.9	86,100	75.0	68.4	77,700	75.0	69.6	77,400
65.0	68.0	95,900	70.0	67.5	86,400	75.0	67.0	78,100	80.0	66.6	70,700	80.0	68.0	70,500
70.0	65.8	86,600	75.0	65.5	78,300	80.0	65.2	71,200	85.0	64.9	64,700	85.0	66.3	64,500
75.0	63.7	78,500	80.0	63.5	71,400	85.0	63.3	65,300	90.0	63.1	59,700	90.0	64.6	59,500
80.0	61.5	71,700	85.0	61.4	65,600	90.0	61.3	60,200	95.0	61.3	55,200	95.0	62.9	55,000
85.0	59.3	65,800	90.0	59.3	60,500	95.0	59.4	55,700	100.0	59.4	51,000	100.0	61.2	50,800
90.0	57.0	60,700	95.0	57.2	56,000	100.0	57.4	51,700	110.0	55.6	44,100	110.0	57.6	43,900
95.0	54.6	56,200	100.0	55.0	51,900	110.0	53.2	44,800	120.0	51.5	38,700	120.0	53.9	38,500
100.0	52.2	52,200	110.0	50.4	45,000	120.0	48.7	39,300	130.0	47.3	34,000	130.0	50.0	33,800
110.0	47.1	45,500	120.0	45.4	39,600	130.0	44.0	34,700	140.0	42.6	30,200	140.0	45.9	30,000
120.0	41.4	39,800	130.0	40.0	34,900	140.0	38.7	30,700	150.0	37.5	26,900	150.0	41.4	26,700
130.0	35.0	35,500	140.0	33.7	31,200	150.0	32.7	27,600	160.0	31.7	24,000	160.0	36.4	23,800
136.8	30.0	33,000	145.3	30.0	29,300	154.1	30.0	26,200	162.7	30.0	23,300	170.0	30.8	21,500
												171.2	30.0	21,100
Reeves		7	Reeves		6	Reeves		6	Reeves		6	Reeves		6
200' Boom														
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)												
43.6	80.0	143,700 *												
44.0	79.9	142,600 *												
46.0	79.3	136,500 *												
48.0	78.7	131,100 *												
50.0	78.1	125,700 *												
55.0	76.7	113,900												
60.0	75.2	103,700												
65.0	73.7	94,200												
70.0	72.2	85,200												
75.0	70.7	77,100												
80.0	69.1	70,100												
85.0	67.6	64,200												
90.0	66.0	59,100												
95.0	64.4	54,500												
100.0	62.8	50,400												
110.0	59.5	43,700												
120.0	56.0	38,000												
130.0	52.4	33,300												
140.0	48.7	29,400												
150.0	44.6	26,100												
160.0	40.3	23,300												
170.0	35.5	20,800												
180.0	29.9	18,500												
180.1	29.9	18,500												
Reeves		5												