Crane Chart

Crane Type Hydraulic	Capacity (Tons)	Main Boom (Feet)	Jib (Feet)
Tadano GR300XL	30	102	42
Manitex 50110S	50	110	0
Liebherr	70	164	0
Tadano ATF60G-3	75	157	24
Liebherr LTM1090	110	164	86
Liehberr LTM1160/2	200	197	118
Tadano ATF220G-5	250	223	118

Forklifts	Capacity (Pounds)	Reach (Feet)
Pettibone 8042	8000	42

Crane Type Conventional	Capacity (Tons)	Main Boom (Feet)	Jib (Feet)
Linkbelt HC218A	100	230	60
Linkbelt HC238H	150	240	70
Kobelco 7250-2F	275	250	100

LOAD RADIUS IN FEET FROM CENTER PIN OF ROTATION BEARING — NOTE: ALL WEIGHTS IN KIPS

Crane Type Hydraulic	10'	15'	20'	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'	75'	80'	85'	90'	95'	100'	105'	110'	115'	120'	125'	130'	135'	140'	145'	150'	155'	160'	165'	170'	175'	180'	185'	190'	195'	200'	210'	220'
30 Ton	60.0	46.5	36.0	28.5	20.5	16.7	13.2	11.0	8.9	7.3	6.4	5.3	4.4	3.8	3.2	2.6	2.2	1.8	1.6	1.7	1.5	1.2	0.9																	
50 Ton	77.9	60.4	46.4	36.6	29.6	23.6	18.8	15.4	13.1	11.1	9.7	8.4	7.4	6.4	5.6	4.9	4.3	3.8	3.3																						
70 Ton	150	120	84	31.0	46.4	38.4	29.0	24.7	20.2	16.5	12.8	12.0	11.5	9.8	8.4	7.0	6.0	5.6	4.9	4.4	3.7	2.5																			
75 Ton	145	86.4	70.1	44.0	39.4	31.7	28.0	23.2	21.3	17.9	16.2	14.5	13.3	12.3	10.6	9.4	8.2	7.5	7.5	6.5	5.0	4.3	3.6	2.9	2.4	2.0	1.9	1.2													
110 Ton	216	156	117	87.5	69.0	53.8	46.0	42.8	32.6	26.6	24.0	21.3	18.7	16.5	14.6	13.8	12.5	11.6	10.6	9.6	8.9	7.4	6.8	5.4	5.5	4.8	5.3	4.5	4.1	3.6	3.5	3.3	3.2	3.1	2.9	2.9	2.0				
200 Ton	400	249	209	170	140	115	98.5	84.3	71.5	62.5	54.2	48.1	43.4	39.3	35.5	32.4	30.2	26.8	25.4	23.9	22.6	20.6	19.4	17.8	16.4	15.4	14.8	14.2	13.2	12.3	9.7	8.1	7.6	7.2	7.5	7.2	6.6	5.9	5.4	4.8	4.5
250 Ton	396	331.8	248	184	162	128.5	116.2	99.6	92.3	79.3	75.2	67.0	63.5	57.1	51.9	49.6	46.8	44.8	36.3	33.0	31.5	30.7	30.0	27.3	23.5	23.0	21.5	20.3	18.5	17.1	15.6	15.2	14.3	13.7	12.9	12.6	10.6	10.1	9.1	7.7	6.4

Conventional	
100 Ton	Maximum Working Radius = 220 FT
150 Ton	Maximum Working Radius = 240 FT
275 Ton	Maximum Working Radius = 280 FT

38246 River Frontage Road
New Castle, CO 81647
970-984-9229
www.psicrane.com