





Quality Services :

Since 1982, SkyLift Services Inc. has established a reputation for providing safe and dependable service. We are the largest and most complete crane and picker service in the area, with a crane to suit almost any lifting need. With over 30 years experience we have the knowledge and understanding to do any job safely and efficiently.

Our fleet includes :

- 30 – 45 ton picker trucks
- 35 – 110 ton mobile cranes
- 120 – 245 ton all terrain cranes
- 15 – 75 ton rough terrain
- 15 ton carry-deck crane
- 3.2 ton Spyder Crane (mini-crawler)
- Highway tractors
- flat-deck and equipment hauling trailers

We also provide services such as :

- pile driving
- man-lift rentals
- escort vehicles



Contact Us :

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SKYLIFT SERVICES INC.

Mobile Movers :

With our selection of fifth wheel mounted boom trucks, ranging from 30 to 45 ton, we have the capability to lift and haul with just one machine. Boom lengths from 67 ft. up to 110 ft.

Multiple attachments make them very versatile in a range of situations; including pile driving, fixed or hanging man-baskets or concrete buckets.

With years of experience moving over-dimensional loads, let us help you get it there safely and efficiently!



The Big Picture :

Pictured above (left) : TEREX Explorer 5800

- maximum lift @ 490 000 lbs.
- 248 ft. working radius
- 42 ft. – 230 ft. single cylinder telescoping boom
- 36 ft. – 69 ft. manually offsettable lattice swingaway extension
- one 40 ft. lattice jib insert, for use with swingaway
- max tip height w/ extensions 350 ft.
- counterweight – 154 800 lbs. of various sections with hydraulic installation/removal system
- four hydraulic four base outrigger beams with vertical cylinders and outrigger pads
 - fully extended – 27'7"
 - partially extended – 23'
 - partially extended – 18'2"
 - partially extended – 9'

Tight Spaces :

Pictured above : Spyder Crane – W295

3.2 ton, 5-section boom w/ 29'6" outreach; 53 outrigger positions; radio remote control; 24" wide travel position, 4'6" tall, 9' long, gross weight – 4245lbs

Pictured below : Shuttlelift 5540 F

15 ton, 3-section boom w/ 18'6" – 41'0" outreach; 15' offsettable swingaway extension; 20 000lb deck carrying capacity; 8ft. tall x 8ft. wide x 14ft. long body





SkyLift
SERVICES INC.

**245 ton TEREX
Explorer 5800**

 154,800 lb		 27.60 ft x 29.10 ft		360°		85%										
 41.7ft*		41.7ft	55.4ft	69.6ft	83.3ft	97.4ft	111.2ft	125.3ft	139.1ft	153.2ft	166.3ft	180.1ft	194.9ft	209.0ft	229.7ft	
ft	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	ft
10	490,0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
10	286,6	286,6	286,6	286,6	248,0	-	-	-	-	-	-	-	-	-	-	10
12	286,6	285,9	286,3	285,9	248,0	-	-	-	-	-	-	-	-	-	-	12
14	283,7	273,8	275,5	273,8	247,4	200,0	-	-	-	-	-	-	-	-	-	14
16	267,8	251,3	253,5	251,3	245,3	199,8	-	-	-	-	-	-	-	-	-	16
18	248,5	233,2	235,1	234,0	232,3	196,5	155,9	-	-	-	-	-	-	-	-	18
20	229,9	216,5	218,0	218,0	216,9	192,4	155,9	129,2	-	-	-	-	-	-	-	20
24	196,6	189,3	190,8	190,8	189,9	183,8	155,9	128,9	104,5	-	-	-	-	-	-	24
28	162,1	161,1	169,2	169,1	168,3	167,3	154,3	126,9	101,4	-	-	-	-	-	-	28
32	93,1	93,1	149,4	149,1	148,3	149,7	146,2	123,8	95,3	82,3	-	-	-	-	-	32
36	-	-	132,8	132,5	131,5	133,2	131,4	118,2	88,0	77,9	67,8	-	-	-	-	36
40	-	-	115,0	117,4	119,1	118,0	116,2	111,6	81,1	73,1	65,1	56,7	-	-	-	40
48	-	-	-	94,8	96,3	95,2	93,5	95,2	70,5	63,8	57,6	51,7	46,1	38,8	-	48
56	-	-	-	72,9	80,1	79,0	80,6	79,0	61,9	56,1	51,2	46,5	42,4	36,2	27,3	56
64	-	-	-	-	67,9	69,6	68,4	66,8	54,7	49,4	45,6	41,9	38,8	33,8	25,7	64
72	-	-	-	-	51,5	60,2	58,8	57,3	48,8	43,6	40,7	37,6	35,6	31,6	24,1	72
80	-	-	-	-	-	51,9	51,7	50,0	44,1	39,1	36,4	34,1	32,4	29,4	22,2	80
88	-	-	-	-	-	18,5	45,7	44,0	40,5	35,8	32,9	30,7	29,5	27,4	20,5	88
96	-	-	-	-	-	-	37,9	39,1	38,1	32,9	29,9	27,9	26,8	25,5	18,8	96
104	-	-	-	-	-	-	18,0	34,9	35,8	30,3	27,4	25,4	24,5	23,6	17,2	104
112	-	-	-	-	-	-	-	14,5	32,2	27,7	25,2	23,5	22,4	21,7	15,8	112
120	-	-	-	-	-	-	-	13,5	28,7	25,6	23,4	21,7	20,8	19,9	14,2	120
128	-	-	-	-	-	-	-	-	19,3	23,4	21,8	20,3	19,3	18,3	13,0	128
136	-	-	-	-	-	-	-	-	13,1	21,9	20,2	19,2	17,9	16,8	11,8	136
144	-	-	-	-	-	-	-	-	-	13,1	18,8	18,1	16,8	15,7	10,6	144
152	-	-	-	-	-	-	-	-	-	-	17,1	17,3	15,7	14,6	9,6	152
160	-	-	-	-	-	-	-	-	-	-	-	16,5	14,7	13,4	8,8	160
168	-	-	-	-	-	-	-	-	-	-	-	-	14,0	12,5	8,0	168
176	-	-	-	-	-	-	-	-	-	-	-	-	13,3	11,6	7,2	176
184	-	-	-	-	-	-	-	-	-	-	-	-	-	10,8	6,5	184
192	-	-	-	-	-	-	-	-	-	-	-	-	-	7,2	5,8	192
200	-	-	-	-	-	-	-	-	-	-	-	-	-	4,0	5,1	200
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,6	208
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,2	216
1)	47,2	47,2	34,4	26,7	20,9	16,8	13,2	10,4	7,5	5,3	4,0	0	0	0	0	1)

1) Capacities with horizontal boom

* over rear

** Capacity class



120 ton Grove AT Crane - GMK 5120B



 42 - 167 ft.
(12.8 - 51.0 m)
  68,300 lbs.
(31,000 kg)
  100%
24'7" Spread
  360°

	Pounds (thousands)									
Feet	42*	42	58	73	89	105	120	136	152	167
8	240.0									
9	228.0									
10	211.0	220.0	192.0	139.0						
15	168.0	168.0	161.0	139.0	121.0	90.0				
20	138.0	138.0	134.0	129.0	121.0	90.0	63.0	47.0		
25	114.0	114.0	114.0	110.0	108.0	88.0	63.0	47.0	35.8	
30	88.0	88.0	98.0	95.0	94.0	80.0	60.0	47.0	35.8	29.6
35			81.0	80.0	82.0	73.0	55.0	46.0	35.8	29.6
40			67.0	67.0	66.0	66.0	49.0	43.6	35.6	29.6
45			57.0	56.0	55.0	57.0	44.0	40.6	35.2	29.6
50				47.0	49.0	48.0	40.4	36.6	33.0	29.0
55				40.8	42.6	41.8	36.8	33.4	30.6	28.4
60					37.2	36.4	34.0	30.8	28.6	26.8
65					32.8	32.0	31.0	28.2	26.4	25.0
70					29.2	28.4	29.0	25.8	24.2	23.4
75					26.0	25.2	26.6	23.8	22.4	21.8
80						23.0	23.8	21.6	21.0	20.4
85						21.8	21.4	20.2	19.6	18.8
90						20.2	19.4	18.8	17.8	17.4
95							17.4	17.8	16.0	15.8
100							15.8	16.4	14.6	14.6
105								15.0	14.0	13.8
110								13.6	13.4	12.6
115								12.4	12.4	11.4
120								11.2	11.2	10.4
125									10.2	9.4
130									9.4	8.4
135									8.6	7.6
140										6.8
145										6.0
150										5.4

* Over rear only.
 Lifting capacities greater than 210,000 lbs require additional equipment.
 Note: Above chart is available with reduced outriggers.

 42 - 167 ft.
(12.8 - 51.0 m)
  24,200 lbs.
(11,000 kg)
  100%
24'7" Spread
  360°

	Pounds (thousands)									
Feet	42*	42	58	73	89	105	120	136	152	167
8	240.0									
9	228.0									
10	211.0	220.0	192.0	139.0						
15	168.0	168.0	161.0	139.0	121.0	90.0				
20	138.0	132.0	126.0	114.0	107.0	90.0	63.0	47.0		
25	93.0	93.0	93.0	87.0	83.0	77.0	63.0	47.0	35.8	
30	65.0	65.0	69.0	67.0	66.0	61.0	56.0	47.0	35.8	29.6
35			53.0	55.0	53.0	49.0	49.0	44.0	35.8	29.6
40			42.2	43.6	43.6	41.0	41.2	38.8	35.6	29.6
45			34.4	35.8	35.8	37.4	34.8	33.4	30.0	29.6
50				30.2	30.0	31.4	29.6	29.4	28.2	25.8
55				25.4	27.2	26.8	26.0	25.8	24.4	22.2
60					23.2	22.8	23.4	22.4	21.2	19.2
65					20.0	20.0	20.2	19.6	18.6	16.6
70					17.2	17.4	17.6	16.8	16.2	14.4
75					15.0	15.0	15.2	14.6	14.2	12.6
80						13.0	13.4	12.6	12.4	11.0
85						11.4	11.6	11.0	10.6	9.4
90						10.0	10.2	9.6	9.2	8.2
95							8.8	8.2	8.0	7.0
100							7.8	7.2	6.8	5.8
105								6.2	5.8	4.8
110								5.2	5.0	4.0
115								4.4	4.2	3.2
120								3.6	3.4	2.4
125									2.8	
130									2.0	

* Over rear only.
 Lifting capacities greater than 210,000 lbs require additional equipment.
 Note: Above chart is available with reduced outriggers.

 42 - 167 ft.
(12.8 - 51.0 m)
  15,400 lbs.
(7,000 kg)
  100%
24'7" Spread
  360°

	Pounds (thousands)									
Feet	42*	42	58	73	89	105	120	136	152	167
8	240.0									
9	228.0									
10	211.0	219.0	192.0	139.0						
15	168.0	167.0	161.0	139.0	121.0	90.0				
20	123.0	123.0	114.0	104.0	94.0	90.0	63.0	47.0		
25	81.0	81.0	81.0	76.0	74.0	68.0	62.0	47.0	35.8	
30	57.0	57.0	61.0	61.0	57.0	53.0	52.0	46.0	35.8	29.6
35			46.0	48.0	46.0	45.0	42.2	39.8	35.8	29.6
40			36.4	38.2	37.4	37.8	34.6	34.2	29.4	29.6
45			29.0	31.0	32.6	31.6	30.8	28.8	27.2	24.8
50				25.4	27.0	26.6	26.4	24.6	23.0	21.0
55				20.8	22.6	22.8	22.6	21.0	19.8	17.8
60					19.2	19.2	19.4	18.0	17.0	15.0
65					16.2	16.2	16.4	15.6	14.6	12.8
70					13.8	14.0	14.2	13.4	12.6	11.0
75					11.8	11.8	12.0	11.4	10.8	9.2
80						10.2	10.4	9.8	9.4	7.8
85						8.6	9.0	8.4	8.0	6.4
90						7.4	7.6	7.0	6.8	5.4
95							6.4	6.0	5.6	4.4
100							5.4	5.0	4.6	3.4
105								4.0	3.8	2.6
110								3.2	3.0	
115								2.4	2.2	

* Over rear only.
 Lifting capacities greater than 210,000 lbs require additional equipment.
 Note: Above chart is available with reduced outriggers.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.



110 ton Grove Mobile Crane - TMS 9000E



LIFTING CAPACITIES WITH 48500 lb REMOVABLE CWT AND FIXED BOOM LENGTHS
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code #1800														
	35.9	49.5	49.4	49.2	48.8	63.0	62.7	62.0	61.6	76.3	75.5	74.9	89.1	88.4	88.2
IM	0%	50%	0%	0%	0%	50%	0%	0%	0%	50%	0%	0%	50%	0%	0%
CM	0%	0%	50%	0%	0%	50%	50%	0%	0%	50%	50%	0%	50%	50%	0%
OM	0%	0%	0%	50%	0%	0%	50%	50%	0%	50%	50%	50%	50%	50%	100%
FLY	0%	0%	0%	0%	50%	0%	0%	50%	100%	0%	50%	100%	50%	100%	100%
8	*220,000														
9	*185,000														
10	165,000	135,000	130,000	138,000	95,200	129,500	130,500	95,200	65,950	111,000	94,000	69,050	83,000	68,600	61,350
12	151,000	135,000	130,000	138,000	95,200	129,500	125,000	95,200	60,500	111,000	94,000	64,300	83,000	65,700	58,550
15	131,500	126,000	126,500	127,500	84,900	122,500	111,500	89,800	53,750	111,000	92,900	58,150	83,000	61,150	53,800
20	105,500	103,500	104,500	105,500	72,200	101,000	93,800	74,750	44,850	99,400	78,900	49,750	81,500	53,700	45,800
25	83,600	83,650	84,800	85,750	62,700	84,300	80,550	63,850	38,500	84,550	68,000	43,550	73,500	47,450	39,750
30		67,800	69,100	70,150	55,700	68,900	70,600	55,850	33,300	70,350	59,700	38,550	65,600	42,600	34,250
35		55,600	57,000	58,050	50,000	56,600	58,600	49,250	29,600	57,850	53,100	34,100	59,150	38,600	30,350
40		45,850	47,250	48,050	46,050	47,000	48,950	44,300	26,650	48,250	47,450	30,950	49,550	35,200	27,150
45						39,700	41,600	40,300	24,250	41,000	43,050	28,300	42,250	31,900	24,550
50						33,950	35,850	37,000	22,300	35,350	37,450	26,100	36,600	29,300	22,400
55						27,450	27,050			30,750	32,650	24,250	31,950	27,100	20,550
60										26,750	28,700	22,650	27,950	25,200	18,950
65										23,500	25,350	21,250	24,700	23,550	16,900
70													22,000	22,100	15,750
75													19,700	20,850	14,750
80													17,700	19,100	13,900

* Additional equipment required to lift this capacity.

[illegible]



90 ton Grove Mobile Crane - TMS 900E



load charts

37 - 142 ft
Fixed lengths

31,500 lbs

100%
24'-0"

360



Pounds

Feet	36.8	49.9	63.0	76.1	89.3	102.4	115.5	128.6	141.8
8	*180,000								
10	155,000	136,000	129,000	123,000	81,000				
15	116,000	112,000	105,000	99,000	81,000	59,000			
20	88,700	90,350	89,000	84,000	81,000	57,000	42,400	34,000	
25	69,950	72,200	72,400	71,150	71,000	51,000	42,400	34,000	26,600
30		56,350	57,000	58,150	56,950	46,000	39,600	33,800	26,600
35		46,600	47,550	47,400	46,200	41,600	35,800	32,000	26,600
40			39,750	39,600	38,450	38,200	32,200	29,400	26,600
45			33,550	33,500	32,600	33,600	29,400	27,000	24,800
50			28,300	28,300	29,400	28,600	26,600	24,800	22,800
55				24,250	25,350	24,600	24,800	22,800	21,200
60				22,000	22,150	21,450	21,750	20,300	19,800
65				19,550	19,550	19,400	19,100	18,800	18,200
70					17,300	17,600	16,900	16,750	16,200
75					15,400	15,750	15,200	14,900	14,350
80						14,100	13,750	13,350	12,750
85							12,350	11,950	11,400
90						11,500	11,150	10,850	10,300
95							10,100	9,770	9,250
100							9,140	8,810	8,290
105								7,950	7,430
110								7,180	6,670
115								6,480	5,980
120									5,340
125									4,760
130									4,230

* Requires special equipment

37 - 142 ft
Telescoping

31,500 lbs

100%
24'-0"

360



Pounds

Feet	36.8 - 49.9	49.9 - 63.0	63.0 - 76.1	76.1 - 89.3	89.3 - 102.4	102.4 - 115.5	115.5 - 128.6	128.6 - 141.8
10	74,000	68,000	63,000	62,000				
15	72,000	65,000	60,000	57,000	54,000			
20	70,000	63,000	57,000	52,000	50,000	37,400	28,600	
25	67,000	59,000	55,000	50,000	46,000	37,400	28,600	22,400
30	55,000	55,000	53,000	48,000	41,600	34,000	28,600	20,800
35	45,000	46,000	47,400	46,000	37,800	31,000	27,400	18,800
40		38,850	39,600	38,450	34,600	28,200	25,400	16,800
45		33,200	33,500	32,600	31,800	26,000	23,200	15,200
50		28,300	28,300	27,750	28,600	24,000	21,200	14,000
55			24,250	23,750	24,600	22,600	19,800	12,800
60			21,050	22,150	21,450	20,800	18,400	11,800
65			18,600	19,550	18,800	19,100	17,000	10,800
70				17,300	16,650	16,900	16,000	10,200
75				15,400	15,550	15,050	14,900	9,600
80					13,950	13,450	13,350	9,000
85					12,700	12,100	11,950	8,400
90					11,500	10,900	10,850	8,000
95						9,850	9,770	7,600
100						8,890	8,810	7,200
105							7,950	6,800
110							7,180	6,400
115							6,480	5,980
120								5,340
125								4,760
130								4,230



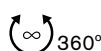
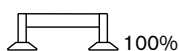
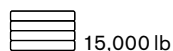
80 ton TEREX Mobile Crane - T 780



LOAD CHART - MAIN BOOM

T 780-1

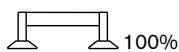
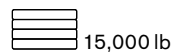
Outriggers Fully Extended (100%)



Standard ASME
B30.5

		Boom Length (ft)								
		40	54	66	78	90	102	114		
ft	lb	lb	lb	lb	lb	lb	lb	lb	lb	ft
10	160,000	102,500								10
12	125,600	102,500								12
15	108,900	100,500	80,600							15
20	83,800	84,800	71,900	62,200	56,200					20
25	65,500	66,500	64,800	55,700	48,000	41,900				25
30	52,200	53,600	54,000	49,700	41,700	36,400	31,500			30
35		40,900	41,500	41,700	36,600	32,100	29,500	24,700		35
40		32,500	33,100	33,400	32,900	28,600	26,200	24,600		40
45		26,400	27,100	27,400	27,600	25,700	23,500	22,100		45
50		19,000	22,500	22,900	23,100	23,300	21,400	20,000		50
55			19,000	19,400	19,700	19,800	19,500	18,200		55
60				16,600	16,800	17,000	17,100	16,600		60
65				14,200	14,500	14,700	14,800	14,900		65
70					12,600	12,800	12,900	13,000		70
75					11,000	11,100	11,300	11,400		75
80					9,500	9,800	9,900	10,000		80
85						8,500	8,700	8,800		85
90						7,500	7,700	7,700		90
95						6,500	6,700	6,800		95
100							5,800	6,000		100
105							5,000	5,200		105
110								4,500		110
115								3,900		115

Outriggers Fully Extended (100%)



Standard ASME
B30.5

		Boom Length (ft)								
		40	54	66	78	90	102	114		
ft	lb	lb	lb	lb	lb	lb	lb	lb	lb	ft
10	160,000	102,500								10
12	125,600	102,500								12
15	108,900	100,500	80,600							15
20	84,500	85,300	71,900	62,200	56,200					20
25	65,500	66,500	64,800	55,700	48,000	41,900				25
30	52,200	53,600	54,000	49,700	41,700	36,400	31,500			30
35		40,900	41,500	41,700	36,600	32,100	29,500	24,700		35
40		32,500	33,100	33,400	32,900	28,600	26,200	24,600		40
45		26,400	27,100	27,400	27,600	25,700	23,500	22,100		45
50			22,500	22,900	23,100	23,300	21,400	20,000		50
55			19,000	19,400	19,700	19,800	19,500	18,200		55
60				16,600	16,800	17,000	17,100	16,600		60
65				14,200	14,500	14,700	14,800	14,900		65
70				12,300	12,600	12,800	12,900	13,000		70
75					11,000	11,100	11,300	11,400		75
80					9,500	9,800	9,900	10,000		80
85						8,500	8,700	8,800		85
90						7,500	7,700	7,700		90
95						6,500	6,700	6,800		95
100							5,800	6,000		100
105							5,100	5,200		105
110								4,600		110
115								3,900		115

Notes to lifting capacity

Lifting capacities do not exceed 85% of tipping load. Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings. Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes. Crane operation is subject to the computer charts and operation manual both supplied with the crane.



75 ton Grove RT Crane - RT 875E

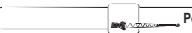


RT875E load chart

41.3-128 ft.	18,000 lbs	100% 24' spread	360°							
Feet	41.3	50	60	**70	Main Boom Length in Feet					
					80	90	100	110	120	128
10	+150,000 (71)	124,000 (74.5)	105,500 (77.5)							
12	+150,000 (67.5)	124,000 (72)	105,500 (75.5)	59,500 (78)						
15	130,000 (63)	124,000 (68.5)	104,000 (72.5)	59,500 (75.5)	42,100 (78)	*42,000 (78)				
20	100,000 (54.5)	99,850 (62)	85,900 (67.5)	59,500 (71)	42,100 (74)	42,000 (76)	*39,650 (78)	*31,950 (78)		
25	80,550 (44.5)	80,250 (55)	72,550 (62)	57,050 (66.5)	42,100 (70)	42,000 (73)	39,650 (75)	31,950 (77)	*25,750 (78)	*22,000 (78)
30	59,050 (31.5)	58,150 (47)	57,850 (56)	49,300 (62)	42,100 (66)	39,050 (69.5)	36,150 (72)	31,950 (74)	25,750 (76)	22,000 (77)
35		43,250 (37.5)	43,000 (49.5)	42,600 (57)	38,150 (62)	34,100 (66)	31,350 (68.5)	29,300 (71.5)	25,750 (73.5)	22,000 (74.5)
40		33,600 (24.5)	33,400 (42.5)	32,950 (52)	33,750 (58)	30,050 (62)	27,500 (65.5)	25,650 (68.5)	23,900 (71)	22,000 (72.5)
45			26,600 (34)	26,200 (46)	27,400 (53)	26,750 (58.5)	24,400 (62)	22,700 (65.5)	21,450 (68)	20,850 (70)
50	See Note 16		21,600 (22)	21,150 (39.5)	22,450 (48.5)	23,250 (54.5)	21,850 (59)	20,250 (62.5)	19,100 (65.5)	18,350 (67.5)
55				17,250 (31.5)	18,650 (43)	19,400 (50)	19,700 (55)	18,200 (59.5)	17,100 (63)	16,400 (65)
60					14,200 (21)	15,600 (37)	17,050 (51.5)	16,450 (58)	15,450 (60)	14,750 (62.5)
65						13,100 (29.5)	13,850 (40.5)	14,550 (47.5)	14,000 (53)	13,350 (59.5)
70						11,050 (19)	11,800 (34.5)	12,450 (43)	12,900 (49.5)	12,150 (57)
75							10,000 (28)	10,700 (38.5)	11,200 (45.5)	11,050 (51)
80							8,540 (18)	9,170 (33)	9,670 (41.5)	10,150 (47.5)
85								7,860 (26.5)	8,360 (37)	8,850 (44)
90								6,710 (17.5)	7,210 (32)	7,700 (40)
95									6,200 (25.5)	6,700 (35.5)
100									5,310 (17)	5,800 (30.5)
105										5,010 (25)
110									4,290 (16.5)	4,640 (27.5)
115										4,000 (21.5)
120										3,410 (10.5)
Minimum boom angle (deg.) for indicated length (no load)										
9										
Maximum boom length (ft.) at 0 deg. boom angle (no load)										
120										
#LMI operating code. Refer to LMI manual for instructions.										
*This capacity is based upon maximum obtainable boom angle.										
Note: () Boom angles are in degrees.										
+9 parts line required to lift this capacity (using aux. boom nose). Refer to Operator's & Safety Handbook for reeving diagram.										
Lifting Capacities at Zero Degree Boom Angle										
Boom Angle	41.3	50	60	**70	Main Boom Length in Feet					
					80	90	100	110	120	
0°	20,750 (34.1)	15,150 (42.8)	10,500 (52.8)	6,700 (63)	5,100 (72.8)	3,900 (82.8)	2,900 (92.8)	2,000 (102.8)	1,300 (112.8)	

Note: () Reference radii in feet.
**This boom length is with inner-mid fully extended and outer-mid & fly fully retracted.

A6-829-103645

						
41.3 - 128 ft.	33 - 56 ft.	18,000 lbs	100% 24 ft. spread	360°		
						
						
Feet	33 ft. LENGTH			56 ft. LENGTH		
	0° #0021	20° #0022	40° #0023	0° #0041	20° #0042	40° #0043
35	11,900 (78)					
40	11,900 (77)			6,060 (78)		
45	11,900 (75.5)	*11,900 (78)		6,060 (77.5)		
50	11,900 (73.5)	10,600 (76.5)	*9,790 (78)	6,060 (76)		
55	11,900 (71.5)	9,770 (74.5)	8,470 (77)	6,060 (74.5)		
60	11,000 (69.5)	9,020 (72.5)	7,920 (75)	6,060 (72.5)	*6,060 (78)	
65	10,000 (67.5)	8,360 (70.5)	7,430 (73)	6,060 (71)	5,900 (76.5)	
70	9,190 (65.5)	7,780 (68.5)	6,980 (71)	6,060 (69.5)	5,730 (75)	*5,060 (78)
75	8,460 (63.5)	7,260 (66.5)	6,580 (69)	6,060 (67.5)	5,330 (73)	4,640 (77)
80	7,820 (61.5)	6,790 (64.5)	6,210 (66.5)	6,040 (66)	4,980 (71.5)	4,370 (75.5)
85	7,250 (59.5)	6,370 (62)	5,870 (64.5)	5,570 (64)	4,850 (69.5)	4,120 (73.5)
90	6,740 (57)	5,990 (60)	5,560 (62)	5,150 (62.5)	4,360 (67.5)	3,890 (71.5)
95	6,290 (55)	5,640 (57.5)	5,280 (60)	4,780 (60.5)	4,090 (66)	3,680 (69.5)
100	5,880 (52.5)	5,320 (55.5)	5,020 (57.5)	4,440 (58.5)	3,840 (64)	3,480 (67.5)
105	5,510 (50)	5,030 (53)	4,770 (55)	4,130 (56.5)	3,610 (62)	3,300 (65.5)
110	5,170 (47.5)	4,760 (50.5)	4,550 (52)	3,850 (54.5)	3,400 (60)	3,130 (63.5)
115	4,830 (45)	4,510 (47.5)	4,340 (49.5)	3,590 (52.5)	3,200 (58)	2,970 (61)
120	4,230 (42)	4,280 (45)	4,150 (46.5)	3,360 (50.5)	3,020 (55.5)	2,820 (59)
125	3,690 (39)	3,960 (41.5)		3,140 (48)	2,840 (53.5)	2,680 (56.5)
130	3,200 (36)	3,430 (38.5)		2,940 (46)	2,690 (51)	2,540 (54)
135	2,740 (32)	2,930 (35)		2,760 (43.5)	2,540 (48.5)	2,420 (51.5)
140	2,320 (28)	2,480 (30.5)		2,590 (41)	2,400 (46)	2,300 (48.5)
145	1,940 (23)			2,430 (38.5)	2,270 (43.5)	
150	1,580 (16.5)				2,070 (35.5)	2,140 (40.5)
155					1,730 (32.5)	2,030 (37)
160					1,420 (29)	1,710 (33.5)
165					1,120 (24.5)	
Minimum boom angle (°) for indicated length (no load)						
	15	28	44	23	31	46
Maximum boom length (ft.) at 0° boom angle (no load)						
	110					110
NOTE: () Boom angles are in degrees.						
#LMI operating code. Refer to LMI manual for operating instructions.						
*This capacity is based upon maximum boom angle.						
A6-829-103653						

A6-829-103653

NOTES:

- All capacities above the bold line are based on structural strength of boom extension and do not exceed 85% of tipping loads, in accordance with SAE J-765.
- The 33 ft. extension length may be used with single or double part line lifting service. The 56 ft. extension length may be used for single line lifting service only.
- For main boom lengths less than 128 ft. with the boom extension erected, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is set up. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
- Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
- Capacities listed are with outriggers properly extended and vertical jacks set only.
- When lifting over the main boom nose with 33 ft. or 56 ft. extension erected, the outriggers must be fully extended or 50% extended (17 ft. 4 in. spread).



75 ton Grove Mobile Crane - TMS 875B



**40 FT. - 125 FT. BOOM
ON OUTRIGGERS FULLY EXTENDED - 360°**

Radius in Feet	Main Boom Length in Feet									
	40	45	55	65	75	85	95	105	115	125
10	150,000 (72)	115,000 (74.5)	113,500 (77.5)	84,650 (80)						
12	129,000 (68.5)	115,000 (71.5)	113,500 (75.5)	84,650 (78)	55,450 (80)					
15	101,000 (64)	100,500 (67.5)	99,750 (72)	81,200 (75.5)	55,450 (77.5)	55,450 (79.5)	49,900 (80.5)			
20	72,250 (55)	71,650 (60)	70,850 (66.5)	62,250 (70.5)	55,450 (73.5)	55,450 (76)	49,900 (78)	38,800 (79.5)	27,500 (80.5)	23,000 (81)
25	54,600 (44.5)	54,000 (52)	53,250 (60.5)	49,850 (65.5)	46,600 (69.5)	44,800 (72.5)	42,000 (75)	38,800 (77)	27,500 (78.5)	23,000 (80)
30	43,000 (31)	42,450 (42.5)	41,700 (54)	41,150 (60.5)	38,500 (65.5)	37,000 (69)	35,850 (71.5)	33,750 (74)	25,700 (76)	23,000 (77.5)
35		34,250 (30)	33,550 (46.5)	33,000 (55)	32,450 (61)	31,100 (65)	30,150 (68.5)	28,450 (71)	21,900 (73)	23,000 (75)
40			27,100 (38)	26,150 (49)	26,650 (56)	26,600 (61)	25,800 (65)	24,350 (68)	18,900 (70.5)	21,050 (72.5)
45			21,200 (27)	20,400 (42.5)	20,900 (51)	21,900 (57)	22,300 (61.5)	21,100 (65)	16,500 (68)	18,500 (70)
50				16,150 (35)	16,650 (46)	17,600 (52.5)	18,550 (58)	18,500 (62)	14,650 (65)	16,350 (67.5)
60					10,800 (32.5)	11,650 (43)	12,550 (50)	13,050 (55)	11,750 (59)	13,000 (62)
70						7,880 (30.5)	8,630 (41)	9,110 (47.5)	9,590 (52.5)	10,050 (56.5)
80							5,860 (29)	6,310 (39)	6,770 (45.5)	7,210 (50.5)
90								4,240 (28)	4,680 (37.5)	5,090 (44)
100									3,090 (27)	3,460 (36)
110										2,160 (25.5)
Minimum boom angle (deg.) for indicated length (no load)										0
Maximum boom length (ft.) at 0 deg. boom angle (no load)										125

Note: () Boom angles are in degrees.

Lifting Capacities On Outriggers - 360 Degrees At Zero Degree Boom Angle										
Boom Angle	Main Boom Length in Feet									
	40	45	55	65	75	85	95	105	115	125
0°	30,400 (33.7)	24,900 (39.1)	17,600 (49.1)	10,750 (59.1)	7,420 (69.1)	5,430 (79.1)	3,960 (89.1)	2,830 (99.1)	1,930 (109.1)	1,230 (118.7)

Note: () Reference radii in feet.



55 ton Grove RT Crane - RT 855B





37 - 115 ft.
(11.2 - 35 m)



9,500 lbs.
(4309 kg)



100%



360°



(Pounds)

(Feet)	37	45	55	*63	75	85	95	105	115
10	+110,000 (69)	86,600 (73)	75,550 (76.5)						
12	97,800 (65.5)	86,600 (70.5)	75,550 (74.5)	60,950 (76.5)					
15	86,500 (59.5)	81,050 (66)	75,550 (71)	60,950 (73.5)	44,100 (77)				
20	68,950 (49.5)	67,500 (58.5)	64,000 (65)	58,950 (68.5)	44,100 (73)	43,450 (75.5)	40,400 (77.5)		
25	54,900 (36.5)	54,200 (50)	53,400 (59)	49,100 (63.5)	40,200 (68.5)	36,750 (71.5)	34,350 (74)	30,600 (76)	@24,450 (78)
30		41,950 (40)	41,400 (52)	41,050 (58)	34,800 (64.5)	31,650 (68)	29,450 (71)	27,350 (73.5)	22,200 (75.5)
35		33,550 (26)	33,000 (44.5)	32,700 (52)	30,550 (60)	27,650 (64)	25,700 (67.5)	24,250 (70.5)	19,900 (72.5)
40			26,900 (35.5)	26,600 (46)	27,100 (55)	24,500 (60.5)	22,650 (64)	21,300 (67.5)	17,800 (70)
45			21,100 (23.5)	20,850 (38.5)	22,200 (50)	21,850 (56)	20,150 (60.5)	18,900 (64.5)	16,000 (67)
50				16,550 (29)	17,850 (44.5)	18,950 (51.5)	18,050 (57)	16,900 (61)	14,550 (64.5)
55				13,250 (13.5)	14,550 (38)	15,600 (47)	16,250 (53)	15,200 (57.5)	13,250 (61.5)
60					12,000 (30.5)	12,950 (42)	13,550 (49)	13,750 (54.5)	12,300 (58.5)
65					9,940 (20)	10,800 (36)	11,400 (44.5)	11,950 (50.5)	11,350 (55.5)
70						9,050 (29)	9,620 (39.5)	10,150 (46.5)	10,450 (52)
75						7,560 (19)	8,100 (34)	8,650 (42.5)	9,200 (48.5)
80							6,840 (27.5)	7,360 (38)	7,890 (45)
85							5,780 (18)	6,270 (32.5)	6,760 (41)
90								5,310 (26.5)	5,770 (36.5)
95								4,470 (17.5)	4,900 (31.5)
100									4,130 (25.5)
105									3,440 (17)

Maximum boom length (ft.) at 0 deg. boom angle (no load)

0

Minimum boom angle (deg.) for indicated length (no load)

115

NOTE: () Boom angles are in degrees.

*63 ft. boom length is with inner-mid extended and outer-mid and fly retracted.

+9 parts of line required to lift this capacity (using aux.boom nose).

@This capacity is based on maximum boom angle.

Boom Angle	37	45	55	*63	75	85	95	105	115
0°	24,400 (29.8)	17,750 (37.8)	12,200 (47.8)	9,000 (55.8)	6,820 (67.8)	5,470 (77.8)	4,400 (87.8)	3,540 (97.8)	2,820 (107.8)



50 ton TEREX RT Crane - RT 450



Lifting Capacities – Pounds (33' – 105' boom)

MODEL RT 450

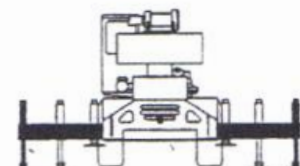
COUNTERWEIGHT:
W/AUX. WINCH 13,100 LBS.
W/O AUX. WINCH 14,200 LBS.
BOOM LENGTH 33-105 FT.
OUTRIGGER SPREAD 22 FT.

STABILITY PCT.
ON OUTRIGGERS 85%
ON TIRES 75%
PCSA CLASS 10-176

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change.

ON OUTRIGGERS - FULLY EXTENDED

LOAD RADIUS (FT)	BOOM LENGTH 33.15 FT			BOOM LENGTH 45.15 FT			BOOM LENGTH 57.15 FT			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	LOADED OVER FRONT (LB)	360° (LB)	BOOM ANGLE (DEG)	LOADED OVER FRONT (LB)	360° (LB)	BOOM ANGLE (DEG)	LOADED OVER FRONT (LB)	360° (LB)	
10	65.3	100,000*	100,000*	72.2	75,100*	75,100*		59,700*	59,700*	10
12	61.5	76,200*	76,200*	69.5	73,100*	73,100*	73.9	55,100*	55,100*	12
15	55.4	64,300*	62,500*	65.4	61,800*	61,800*	70.8	47,700*	45,700*	15
20	44.0	46,300*	44,300*	58.1	47,200*	45,200*	65.4	36,300*	34,800*	20
25	29.6	34,800*	33,300*	50.3	35,800*	34,300*	59.7	28,700*	27,500*	25
30	**			41.5	28,100*	27,000*	53.7	23,200*	22,300*	30
35				30.7	22,700*	21,700*	47.2	19,100*	18,300*	35
40				13.9	18,500*	17,700*	39.9	15,900*	15,200*	40
45				**			31.3	13,300*	12,700*	45
50							19.6			50
55							**			55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100



**USE THESE CHARTS ONLY
WHEN ALL OUTRIGGERS
ARE FULLY EXTENDED**

ON OUTRIGGERS - FULLY EXTENDED

LOAD RADIUS (FT)	BOOM LENGTH 69.15 FT			BOOM LENGTH 81.15 FT			BOOM LENGTH 93.15 FT			BOOM LENGTH 105.15 FT			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	
10													10
12													12
15	74.2	44,000*	44,000*										15
20	69.8	36,200*	36,200*	72.9	33,500*	33,500*							20
25	65.4	30,400*	30,400*	69.2	28,400*	28,400*	72.0	22,200*	22,200*				25
30	60.7	26,100*	26,100*	65.4	24,300*	24,300*	68.7	19,000*	19,000*	71.2	15,100*	15,100*	30
35	55.8	22,800*	22,800*	61.4	21,100*	21,100*	65.4	16,300*	16,300*	68.3	13,400*	13,400*	35
40	50.7	19,500*	18,700*	57.3	18,700*	18,700*	61.9	14,300*	14,300*	65.4	12,000*	12,000*	40
45	45.1	16,300*	15,600*	53.0	16,500*	15,800*	58.4	12,400*	12,400*	62.3	10,800*	10,800*	45
50	38.9	13,800*	13,100*	48.4	14,000*	13,400*	54.7	10,900*	10,900*	59.2	9,600*	9,600*	50
55	31.7	11,500	10,900	43.5	11,700	11,000	50.8	9,700*	9,700*	56.0	8,600*	8,600*	55
60	22.6	9,500	8,900	38.1	9,700	9,100	46.7	8,700*	8,700*	52.6	7,600*	7,600*	60
65				32.0	8,100	7,600	42.4	7,800*	7,700	49.1	6,700*	6,700*	65
70				24.5	6,700	6,200	37.6	6,900	6,400	45.4	6,000*	6,000*	70
75				13.7	5,500	5,100	32.2	5,700	5,300	41.4	5,300*	5,300*	75
80				**			25.8	4,800	4,400	37.1	4,700*	4,500*	80
85							17.5	3,900	3,500	32.3	4,000	3,700	85
90							**			26.8	3,300	2,900	90
95										20.0	2,600	2,300	95
100										9.1	2,000	1,700	100

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 33.15 FT			BOOM LENGTH 45.15 FT			BOOM LENGTH 57.15 FT			BOOM LENGTH 69.15 FT			BOOM LENGTH 81.15 FT			BOOM LENGTH 93.15 FT			BOOM LENGTH 105.15 FT		
LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)
29.3	17,100*	17,100*	41.3	10,700*	10,700*	53.3	6,900*	6,900*	65.3	4,500*	4,500*	77.3	2,700*	2,700*	89.3	1,500*	1,500*	101.3	500*	500*



SkyLift
SERVICES INC.

**45 ton Manitex
Boom Truck**





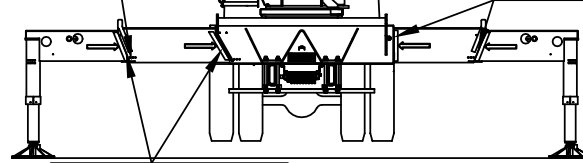
45 ton Manitex Boom Truck



**USE THIS CHART ONLY WHEN
ALL OUTRIGGER BEAMS ARE
FULLY EXTENDED**

PINS MUST BE
DISENGAGED FOR
THIS OUTRIGGER
CONFIGURATION

OUTRIGGER
BEAMS MUST
BE EXTENDED
TO MARK



MAIN BOOM LIFTING CAPACITIES

LOAD RADIUS (FT)	BOOM LENGTH 34 FT			BOOM LENGTH 50 FT (A)			BOOM LENGTH 65 FT (B)			
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 2 180° OVER REAR (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 2 180° OVER REAR (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 2 180° OVER REAR (LBS)	
6	71	89900	89900							
8	67.5	88100	88100							
10	63.5	77900	77900	73	51000	51000				
12	60	69900	69900	70.5	51000	51000				
15	53.5	56000	56000	67	51000	51000	73	40000	40000	
20	42	41800	41800	60.5	42400	42400	68.5	38810	38810	
25	26.5	34300	34300	53.5	35000	35000	63.5	33150	33150	
30				45.5	29070	29070	58.5	29000	29000	
35				36.5	24120	22080	53	24500	22590	
40				25	20370	17220	47	20770	17740	
45							40.5	17850	14330	
50							32.5	15500	11800	
55							22.5	13550	9840	
	1150 LBS			780 LBS			600 LBS			STOWED JIB
	2940 LBS			2650 LBS			2510 LBS			ERECTED JIB (RETRACTED)
	3320 LBS			2910 LBS			2710 LBS			ERECTED JIB (EXTENDED)

LOAD RADIUS (FT)	BOOM LENGTH 80 FT (C)			BOOM LENGTH 95 FT (D)			BOOM LENGTH 110 FT (E)			
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 2 180° OVER REAR (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 2 180° OVER REAR (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 2 180° OVER REAR (LBS)	
20	73.5	28230	28230							
25	69.5	24350	24350	73.5	20000	20000				
30	65.5	21280	21280	70.5	18680	18680	74	15500	15500	
35	61.5	19000	19000	67.5	16580	16580	71.5	14660	14660	
40	57.5	16870	16870	64	14820	14820	69	13270	13270	
45	53	15120	14600	60.5	13330	13330	66	11960	11960	
50	48	13600	12070	57	12050	12050	63	10850	10850	
55	43	12310	10120	53	10920	10290	60	9950	9950	
60	37	11200	8570	49	10000	8740	56.5	9210	8850	
65	30	10240	7310	44.5	9300	7480	53.5	8410	7590	
70	21	9620	6250	40	8520	6430	50	7700	6540	
75				34.5	7800	5550	46	7060	5660	
80				28	7180	4790	42	6480	4900	
85				20	6620	4120	37.5	5960	4250	
90							33	5490	3680	
95							27	5070	3170	
100							19	4680	2710	
	490 LBS			420 LBS			360 LBS			STOWED JIB
	2420 LBS			2360 LBS			2320 LBS			ERECTED JIB (RETRACTED)
	2580 LBS			2500 LBS			2430 LBS			ERECTED JIB (EXTENDED)



42 ton QMC Boom Truck



OUTRIGGERS FULLY EXTENDED

OVER REAR

OVER SIDE

SN1104943029

RADIUS IN FEET	30 FT BOOM	50 FT. BOOM	70 FT. BOOM		30 FT BOOM	50 FT BOOM	70 FT BOOM	
10	50,000				50,000			
12	47,750	44,700			47,750	44,700		
15	37,970	38,040			37,970	38,040		
20	27,880	27,980	25,120		27,880	27,980	25,120	
25	21,680	21,800	20,560		18,290	18,780	18,620	
30		17,620	17,070			13,090	13,090	
35		14,600	14,600			10,030	10,030	
40		12,310	12,310			7,560	7,560	
45		10,520	10,520			6,120	6,120	
50			9,100				4,840	
55			7,900				3,910	
60			6,920				3,230	
65			6,090				2,380	
69			5,380				1,780	

1. LOAD DOES NOT INCLUDE BLOCKS, SLINGS, OR ANY OTHER EQUIPMENT USED TO HANDLE OBJECTS BEING LIFTED.
2. LOAD RATINGS ARE FOR ZERO DEGREES OF LIST.
3. LOADS MUST BE FREELY SUSPENDED.
4. DO NOT EXCEED LOAD BLOCK OR PARTS OF LINE RATINGS.

OVER FRONT

SN 1104943029

RADIUS IN FEET	30 FT BOOM	50 FT. BOOM	70 FT. BOOM					
10	50,000							
12	47,750	44,700						
15	37,970	38,040						
20	21,220	21,590	21,720					
25	12,600	12,930	13,010					
30		8,720	8,780					
35		6,230	6,280				Part Of	Maximum
40		4,590	4,590				line	Load
45		3,480	3,480				1	9,080
50			2,630				2	18,160
55			1,950				3	27,240
60			1,360				4	36,320
65			930				5	45,400
69			510				6	50,000

1. LOAD DOES NOT INCLUDE BLOCKS, SLINGS, OR ANY OTHER EQUIPMENT USED TO HANDLE OBJECTS BEING LIFTED.
2. LOAD RATINGS ARE FOR ZERO DEGREES OF LIST.
3. LOADS MUST BE FREELY SUSPENDED.
4. DO NOT EXCEED LOAD BLOCK OR PARTS OF LINE RATINGS.



30 ton QMC Boom Truck



RADIUS FEET	BOOM ANGLE	OVER REAR	OVER SIDE	OVER FRONT	BOOM ANGLE	OVER REAR	OVER SIDE	OVER FRONT	BOOM ANGLE	OVER REAR	OVER SIDE	OVER FRONT			
BOOM LENGTH				27 FT. BOOM				47 FT. BOOM				67 FT. BOOM			
6	79	59,200	59,200	59,200											
8	74	49,070	49,070	49,070											
10	70	42,790	42,790	42,790	80	35,860	35,860	35,860							
12	65	36,070	36,070	29,560	77	31,290	31,290	30,060							
15	57	28,000	28,000	17,000	73	26,640	26,640	17,500	80	20,930	20,930	17,620			
18	49	22,500	22,500	10,810	69	21,790	21,790	11,300	77	17,490	17,490	11,440			
20	43	19,710	19,710	8,300	66	19,330	19,330	8,800	75	15,700	15,700	8,900			
25	20	14,600	14,600	4,550	59	14,840	14,840	5,050	70	12,340	12,340	5,180			
30					52	11,810	11,810	3,380	66	10,020	10,020	3,480			
35					43	9,620	8,670	2,350	61	8,300	8,300	2,460			
40					32	7,960	6,460	1,190	55	6,980	6,800	1,270			
45					15	6,640	4,400	590	50	5,970	4,840	680			
50									43	5,140	3,820	340			
55									36	4,460	2,970	0			
60									28	3,860	2,120	0			
65									13	3,370	1,610	0			

PART LINE	MAXIMUM LOAD
1	7,400
2	14,800
3	22,200
4	29,600
5	37,000
6	44,400

PART LINE	MAXIMUM LOAD
1	7,400
2	14,800
3	22,200
4	29,600
5	37,000
6	44,400

MODEL NUMBER
5967S

RATED LIFTING CAPACITIES OUTRIGGERS FULLY EXTENDED

SERIAL NUMBER
1002973549



1. DEDUCTION FROM RATED LIFTING CAPACITIES MUST BE MADE FOR THE WEIGHT OF LOAD BLOCK, SLINGS, OR ANY OTHER EQUIPMENT USED TO HANDLE OBJECTS BEING LIFTED.
2. LOADS MUST BE FREELY SUSPENDED. DO NOT EXCEED LOAD BLOCK OR PARTS OF LINE RATINGS.
3. BOOM ANGLES REFLECT CORRECTED ANGLE AFTER LOAD APPLIED.
4. LOADS ABOVE DASHED LINE ARE BASED ON STRUCTURAL LIMITS, BELOW LINE ON STABILITY.
5. READ AND UNDERSTAND OWNERS MANUAL BEFORE OPERATING.

18071 MT. WASHINGTON ST.
FOUNTAIN VALLEY, CA 92708
(714) 754-0337



27 ton QMC Boom Truck



RATED LIFTING CAPACITIES

MODEL 5470TR

OVER THE FRONT								
29 FEET BOOM			50 FEET BOOM			70 FEET BOOM		
WORKING RADIUS	BOOM ANGLE	RATED LOAD	WORKING RADIUS	BOOM ANGLE	RATED LOAD	WORKING RADIUS	BOOM ANGLE	RATED LOAD
8	76	40000						
10	72	36110						
12	67	31440	12	78	27630			
15	60	26570	15	75	22850			
18	53	17190	18	71	17430	18	79	17510
20	47	13340	20	68	13560	20	77	13630
25	30	8020	25	61	8250	25	71	8300
			30	54	5510	30	67	5570
			35	46	3850	35	62	3910
			40	37	2740	40	57	2790
			45	24	1920	45	51	1990
						50	46	1370
						55	39	910
						60	32	520
						65	22	200
						69	2	Tipping

OVER THE SIDE								
29 FEET BOOM			50 FEET BOOM			70 FEET BOOM		
WORKING RADIUS	BOOM ANGLE	RATED LOAD	WORKING RADIUS	BOOM ANGLE	RATED LOAD	WORKING RADIUS	BOOM ANGLE	RATED LOAD
8	76	40000						
10	72	36110						
12	67	31440	12	78	27630			
15	60	26570	15	75	22850			
18	53	23190	18	71	19570	18	79	17940
20	47	20720	20	68	17900	20	77	16280
25	30	15980	25	62	14840	25	73	13260
			30	54	10920	30	68	11000
			35	46	7760	35	63	7820
			40	37	5760	40	58	5820
			45	24	4380	45	52	4460
						50	46	3460
						55	40	2700
						60	32	2090
						65	22	1600
						69	3	1250

OVER THE REAR								
29 FEET BOOM			50 FEET BOOM			70 FEET BOOM		
WORKING RADIUS	BOOM ANGLE	RATED LOAD	WORKING RADIUS	BOOM ANGLE	RATED LOAD	WORKING RADIUS	BOOM ANGLE	RATED LOAD
8	76	40000						
10	72	36110						
12	67	31440	12	78	27630			
15	60	26570	15	75	22850			
18	53	23190	18	71	19570	18	79	17940
20	47	20720	20	68	17900	20	77	16280
25	30	15980	25	62	14840	25	73	13260
			30	55	12710	30	68	11190
			35	47	10640	35	63	9690
			40	37	8890	40	58	8550
			45	25	7530	45	53	7570
						50	47	6480
						55	41	5590
						60	33	4840
						65	23	4210
						69	4	3560

1. LOAD DOES NOT INCLUDE BLOCKS, SLINGS, AND ALL OTHER EQUIPMENT USED TO HANDLE OBJECTS BEING LIFTED
2. LOAD RATINGS ARE FOR ZERO DEGREE LIST
3. LOADS MUST BE FREELY SUSPENDED



15 ton Grove Carry-Deck - 5540F



load chart

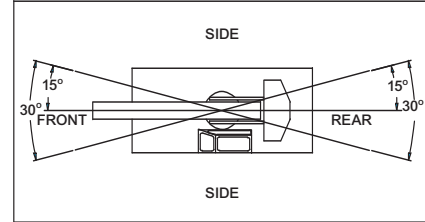
5560B

12

MAIN BOOM LOAD RATINGS ON OUTRIGGERS Extended and Down 360° or Retracted and Down Front/Rear									
		18.5 ft BOOM		30.5 ft BOOM		42.5 ft BOOM		54.5 ft BOOM	
Radius (ft)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	
6	64	36000	75	24500	79	23700	-	-	
8	57	31500	71	24500	77	23000	80	17400	
10	49	24000	67	24000	74	21500	77	15800	
12	39	19500	63	20000	71	19700	75	14000	
14	25	16200	58	16800	68	17000	73	12600	
15.0	0	15000	56	15500	66	15800	72	12000	
16	-	-	53	14400	65	14600	71	11400	
18	-	-	48	12500	62	12700	69	10500	
20	-	-	43	11000	59	11200	66	9600	
22	-	-	37	9800	55	10000	64	8900	
24	-	-	29	8700	52	9000	61	8300	
26	-	-	18	7800	48	8100	59	7700	
27.0	-	-	0	7400	46	7700	58	7500	
28	-	-	-	-	44	7300	56	7200	
30	-	-	-	-	40	6500	54	6700	
32	-	-	-	-	36	5700	51	6000	
34	-	-	-	-	30	5100	48	5400	
36	-	-	-	-	24	4500	45	4800	
38	-	-	-	-	15	4000	42	4300	
39.0	-	-	-	-	0	3900	41	4000	
40	-	-	-	-	-	-	39	3800	
42	-	-	-	-	-	-	35	3400	
44	-	-	-	-	-	-	31	3100	
46	-	-	-	-	-	-	27	2900	
48	-	-	-	-	-	-	21	2700	
51.0	-	-	-	-	-	-	0	2400	

MAIN BOOM ON RUBBER		
Radius (ft)	Any Boom Length	
	Front Rating (lbs)	360° Rating (lbs)
6	16000	10900
8	13000	8700
10	11000	7400
12	9100	6400
14	7800	5600
15.0	7100	5300
16	6500	4900
18	5600	4200
20	4800	3500
22	4200	3000
24	3600	2500
26	3150	2200
27.0	2950	2050
28	2800	1900
30	2450	1650
32	2100	1400
34	1900	1200
36	1750	1000
38	1525	850
39.0	1450	775
40	1350	725
42	1150	625
44	1050	525
46	950	425
48	850	300
51.0	700	200

RATING REDUCTIONS FOR LOAD HANDLING DEVICES INSTALLED (lbs)		
	FROM MAIN BOOM	FROM JIB
MAIN BLOCK	230	NOT APPLICABLE
HOOK & BALL	100	100
JIB STOWED	NO REDUCTION	NOT APPLICABLE
JIB DEPLOYED	700	NO REDUCTION



SHADED AREAS ARE GOVERNED BY STRUCTURAL STRENGTH, DO NOT RELY ON TIPPING.

OPERATION OF THIS EQUIPMENT IN EXCESS OF RATING CHARTS AND DISREGARD OF INSTRUCTIONS IS DANGEROUS AND VOIDS WARRANTY.

- The rated loads are the maximum lift capacities as determined by operating radius, boom length and boom angle. The operating radius is the horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of vertical hoist line or tackle with load applied.
- The rated loads shown on outriggers do not exceed 85% of actual tipping. The rated loads shown on rubber do not exceed 75% of actual tipping. These ratings are based on freely suspended loads with the crane leveled, standing on a firm, uniform supporting surface. Practical working loads depend on supporting surface, operating radius and other factors affecting stability. Hazardous surroundings, climatic conditions, experience of personnel and proper handling must all be taken into account by the operator.
- The weights of all load handling devices, such as hooks, hook blocks, slings, etc., except the hoist rope, shall be considered as part of the load. See above.
- Ratings on outriggers are for either outriggers fully extended and down or fully retracted and down. Ratings for outriggers fully retracted and down will apply for any intermediate outrigger setting.
- Ratings on rubber depend on tire capacity, condition of tires and proper inflation pressure (120 psi). Loads on rubber may be transported at a maximum speed of 2.5 mph on a smooth hard level surface with boom retracted to the shortest length possible and centered over front. Do not use jib with crane on rubber.
- For operating radius not shown, use load rating of next larger radius.
- The maximum combined total boom and deck load is 16,000 lbs. The maximum deck load only is 20,000 lbs.
- Do not induce any external side loads to boom or jib.

MAXIMUM PERMISSIBLE SINGLE LINE PULL = 9000 lbs

WIRE ROPE: 1/2 inch dia. 10 x 19 EIPS IWRC BRIGHT
Min. req'd breaking strength = 31,500 lbs

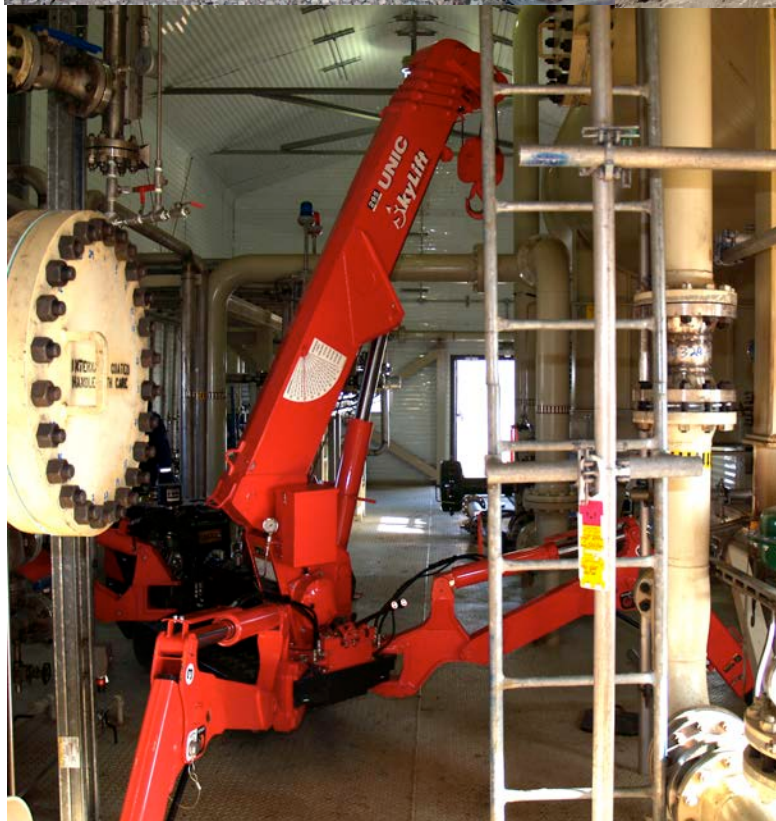
MAIN BOOM LOAD RATINGS ON OUTRIGGERS								
Retracted and Down 360°								
18.5 ft BOOM		30.5 ft BOOM		42.5 ft BOOM		54.5 ft BOOM		
Radius (ft)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)
6	64	36000	75	24500	79	23700	-	-
8	57	29000	71	24500	77	23000	80	17400
10	49	16000	67	22000	74	20000	77	15800
12	39	11400	63	12900	71	12800	75	13000
14	25	8900	58	9900	68	10200	73	10600
15.0	0	8000	56	8900	66	9300	72	9500
16	-	-	53	8100	65	8500	71	8500
18	-	-	48	6800	62	7200	69	7200
20	-	-	43	5900	59	6200	66	6100
22	-	-	37	5000	55	5200	64	5300
24	-	-	29	4100	52	4500	61	4500
26	-	-	18	3600	48	3800	59	3900
27.0	-	-	0	3400	46	3600	58	3600
28	-	-	-	-	44	3300	56	3300
30	-	-	-	-	40	2900	54	2800
32	-	-	-	-	36	2500	51	2500
34	-	-	-	-	30	2200	48	2200
36	-	-	-	-	24	2000	45	2000
38	-	-	-	-	15	1800	42	1800
39.0	-	-	-	-	0	1700	41	1700
40	-	-	-	-	-	-	39	1600
42	-	-	-	-	-	-	35	1400
44	-	-	-	-	-	-	31	1300
46	-	-	-	-	-	-	27	1100
48	-	-	-	-	-	-	21	900
51.0	-	-	-	-	-	-	0	700

15 FT JIB CAPACITIES ON EXTENDED OUTRIGGERS					
Main Boom Angle (deg)	Jib Offset Angle				
	0 deg		15 deg		Any Boom Length
	To 42.5 ft Main Boom	To 54.5 ft Main Boom	To 42.5 ft Main Boom	To 54.5 ft Main Boom	
80	-	-	5000	5000	3500
75	7500	-	4400	4400	3100
70	6100	-	3900	3900	2800
65	5000	4600	3500	3500	2550
60	4300	3800	3150	3150	2350
55	3800	3300	2850	2850	2200
50	3400	2900	2600	2600	2100
45	3050	2600	2400	2400	2000
40	2800	2400	2250	2250	1950
35	2600	2150	2150	2050	1900
30	2400	1930	2080	1850	1830
25	2300	1750	2050	1720	-
20	2200	1600	2000	1590	-
15	2100	1500	1950	1520	-
10	2050	1460	-	-	-
5	2020	1450	-	-	-
0	2000	1440	-	-	-

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.



3.5 ton Spyder Crane - Unic W295



UNIC minicrawler-SPYDERCRANE Model w295



Crane Specifications

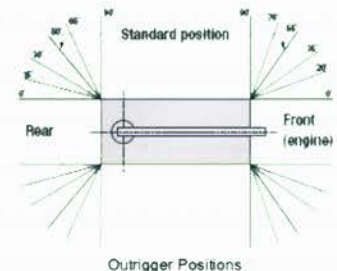
Crane Model	w295CRS	w295CMRS	w295CDRS
Engine Type	Gasoline	Electric Motor & Gasoline	Diesel
Radio Remote Control	Standard	Standard	Standard
Capacity	6475 lbs @ 4.6 ft	6475 lbs @ 4.6 ft	6475 lbs @ 4.6 ft
Work Radius	1.4 to 28 ft	1.4 to 28 ft	1.4 to 28 ft
Boom Sections	5	5	5
Boom Extending Speed	20 ft / 20 sec	20 ft / 20 sec (Gas) 20 ft / 28 sec (Electric)	20 ft / 20 sec
Boom Lift Speed	0° - 78° / 11.0 Sec	0° - 78° / 11.0 Sec 0° - 78° / 15 Sec (Electric)	0° - 78° / 12.0 sec
Winch Speed	131 ft / Minute at 4 th Layer	131 ft / Minute at 4 th Layer 89 ft / Minute at 4 th layer (Elect)	
Hook Above Ground	29 ft	29 ft	29 ft
Hook Below Ground	38 ft	38 ft	38 ft
Automatic Hook Stow	Standard	Standard	Standard
Boom Length	Min 8.3 ft Max 28.4 ft	Min 8.3 ft Max 28.4 ft	Min 8.3 ft Max 28.4 ft
Outrigger Positions	53	53	53
Max Point Pressure	152.2 psi	152.2 psi	152.2 psi
Hydraulic Oil Tank	7 gal	7 gal	7 gal
Safety Devices	Turn-Over-Protection / Pressure Relief Valve for Hydraulic Circuit / Holding Valves for Boom Raising and Boom Telescoping / Pilot -Operated Check Valves for Outriggers/ Boom Angle Indicator with Load Chart / Automatic Mechanical Winch Brake / Hook Safety Latch / ATB System / Level / Crane and Running Lever Interlock Device		

W295CMRS Electric Motor Specifications

Horsepower	5
Voltage	AC 200-220V/60 Hz
AC-DC Converter	200 V (AC) - (DC)
Recommended Power Cord	4 Wire-3 Phase-10 gauge

ADDITIONAL FEATURES

- Radio Remote Control
- 24" Wide Travel Position
- Turn-Over-Protection
- Automatic Hook Stow
- Two Position Outrigger Legs
- Five Section Boom
- Capacity 6,475 lbs.



Undercarriage Specifications

Crane Model	w295CRS	w295CMRS	w295CDRS
Horsepower	13		
Fuel Tank	1.85 gal	1.85 gal	1.85 gal
Max Speed (For-Rev)	1.43 mph	1.43 mph	1.43 mph
Ground Pressure (psi)	6.96 psi	6.96 psi	6.96 psi
Steering	Left & Right Independent Hydraulic System		
Parking Brake	Hydraulic Motor Built in Disk Brake		
Hill Climbing Stability	20°	20°	20°

Dimensions and Weight

Crane Model	w295CRS	w295CMRS	w295CDRS
Total Width	24 inches	24 inches	24 inches
Total Height	4.58 ft	4.77 ft	4.58 ft
Total Length	8.97 ft	8.97 ft	9.10 ft
Wheelbase	3.5 ft	3.5 ft	3.5 ft
Gross Weight	4100 lbs	4380 lbs	4245 lbs.

Load Chart

ALL BOOMS RETRACTED and SECOND STAGE EXTENDED

Working Radius (ft)	3	4.5	5	6	7	8	10	11	13
Outriggers Maximum	6475	6475	5920	5040	4595	3715	2940	2275	2055
Outriggers Minimum	4485	4485	4485	3270	2500	1505	1150	840	620

THIRD STAGE EXTENDED

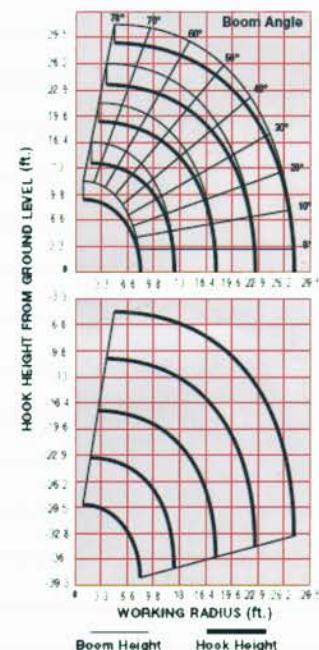
Working Radius (ft)	7	8	9	10	11	13	15	16	18
Outriggers Maximum	3050	3050	3050	2830	2275	1835	1500	1215	1015
Outriggers Minimum	1835	1500	1240	1170	905	685	555	420	330

FOURTH STAGE EXTENDED

Working Radius (ft)	11	12	13	15	16	18	20	21	23
Outriggers Maximum	1945	1945	1725	1390	1170	995	860	775	665
Outriggers Minimum	995	815	730	620	485	375	290	245	200

FIFTH STAGE EXTENDED

Working Radius (ft)	12	13	15	16	18	20	21	23	26	28
Outriggers Maximum	1280	1280	1060	885	750	665	575	510	400	355
Outriggers Minimum	840	705	620	510	420	355	290	220	155	135





Diesel Pile Hammer capable of driving piles up to 110' radius



Diesel Pile Hammer

The DELMAG diesel pile hammer is an extremely rugged and reliable impact hammer. They are used for driving on different pile types like batter piles, H-beams, sheet piles. Diesel pile hammers can be used in all displaceable soils. DELMAG diesel pile hammers are single acting free fall hammers utilizing the principle of impact atomization. The self-ignition of the compressed fuel/air mixture is used to fire the hammer. The pile helmet is pressed onto the pile before the piston strikes, due to the compressed air in the cylinder. Consequently damages to the pile heads are reduced. Modern DELMAG diesel pile hammers are equipped with adjustable fuel pump for regulating the stroke of the piston and therefore the impact energy. This is a particular advantage when soil formations change. The diesel pile hammer utilizes a tripping device to lift the piston and start the hammer.

The "Delmag" name has become synonymous with high performance and ruggedly reliable equipment. Delmag has long been the world-leading manufacturer of diesel hammers and continues to develop new products and features. The current range of diesel pile hammers includes the massive D200 with up to 492,000 ft. lbs. of energy as well as many other popular models for more typical piling projects. Delmag diesel hammers can be matched with a complete range of drive caps and accessories to provide the most productive and reliable package available.

This method is sure to keep large scale piling jobs on schedule!

BEARING CAPACITY CHART - DELMAG DIESEL PILE HAMMERS

DELMAG D19-42 SINGLE ACTING DIESEL PILE HAMMER

Blows	Piston	Hammer	Bearing Capacity (tons) for a Pile Set (blows / in) of :																
Per Min.	Stroke (ft)	Energy (ft-lbs)	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0
54	4.65	18670	106	117	127	135	142	148	153	158	163	167	171	174	178	181	184	186	189
53	4.84	19433	109	121	130	138	145	152	157	162	167	171	175	179	182	185	188	191	194
52	5.04	20236	112	124	134	142	149	156	161	167	171	176	180	183	187	190	193	196	199
51	5.25	21079	115	128	138	146	154	160	166	171	176	180	184	188	192	195	198	201	204
50	5.47	21962	119	131	142	150	158	164	170	176	181	185	189	193	197	200	203	206	209
49	5.71	22926	122	135	146	155	162	169	175	181	186	190	194	198	202	206	209	212	215
48	5.97	23970	126	139	150	159	167	174	180	186	191	196	200	204	208	211	215	218	221
47	6.24	25054	130	144	155	164	172	179	185	191	196	201	206	210	214	217	221	224	227
46	6.52	26178	134	148	159	169	177	184	191	196	202	207	211	215	219	223	227	230	233
45	6.83	27422	139	153	164	174	182	190	196	202	208	213	217	222	226	230	233	237	240
44	7.16	28747	143	157	169	179	188	195	202	208	214	219	224	228	232	236	240	243	247
43	7.51	30153	148	162	174	185	193	201	208	214	220	225	230	235	239	243	247	250	254
42	7.88	31638	152	168	180	190	199	207	214	221	227	232	237	242	246	250	254	258	261
41	8.29	33284	158	173	186	196	206	214	221	228	234	239	245	249	254	258	262	266	269
40	8.72	35011	163	179	192	203	212	221	228	235	241	247	252	257	262	266	270	274	277
39	9.19	36898	169	185	198	210	219	228	236	243	249	255	260	265	270	274	278	282	286
38	9.70	38946	175	191	205	217	227	235	243	251	257	263	269	274	279	283	287	292	295
37	10.25	41154	181	198	212	224	234	243	252	259	266	272	278	283	288	292	297	301	305
36	10.84	43523	187	205	220	232	242	252	260	268	275	281	287	292	297	302	307	311	315
35	11.48	46092	194	213	227	240	251	261	269	277	284	291	297	302	308	312	317	322	326

Models	D19-42
Maximum Batter	
standard/extended	1.5/1.1
Piston Weight	
(lbs)	4,015
Energy per Blow (adj)	
max (ft lbs)	43,225
min (ft lbs)	20,540
Bearing Capacity*	
(tons)	216
Blows per Minute	
min/max	35/52
Consumption	
Diesel fuel (gal/hr)	145
Lubrication oil (gal/hr)	0.26
Capacity	
Diesel fuel (gal)	20
Lubrication oil (gal)	5
Operating Weights (aprox.)	
Hammer only (lbs)	9,500
Hammer w/ typical drive cap (lbs)	10,700
Anvil (impact block)	753
Dimensions (in)	
Overall length	233
Hammer length	186
Hammer len. w/ ext.	219
Hammer depth-rear	14
Hammer depth-front	14
Guiding	
Standard (box leads)	8" x 21"
Optional	8" x 27"
	12"/14" spud



Miscellaneous Equipment

Spreader Bars



Fixed or Hanging Man Baskets



Drop Hammer Pile Drivers

Man-Lifts



Hot Shot Equipment



Pilot Trucks and Specialty Hauling



CRANE

Grove GMK5120B

89' Main Boom at 51.8°

Base: 100% Outriggers

Counterweight: 24200 lbs

49.1' Lift Radius (360°)

Crane Capacity at 49.1' = 29,800 lbs

LOAD

Block 2,000 lbs

Hook

Crosby Shackle

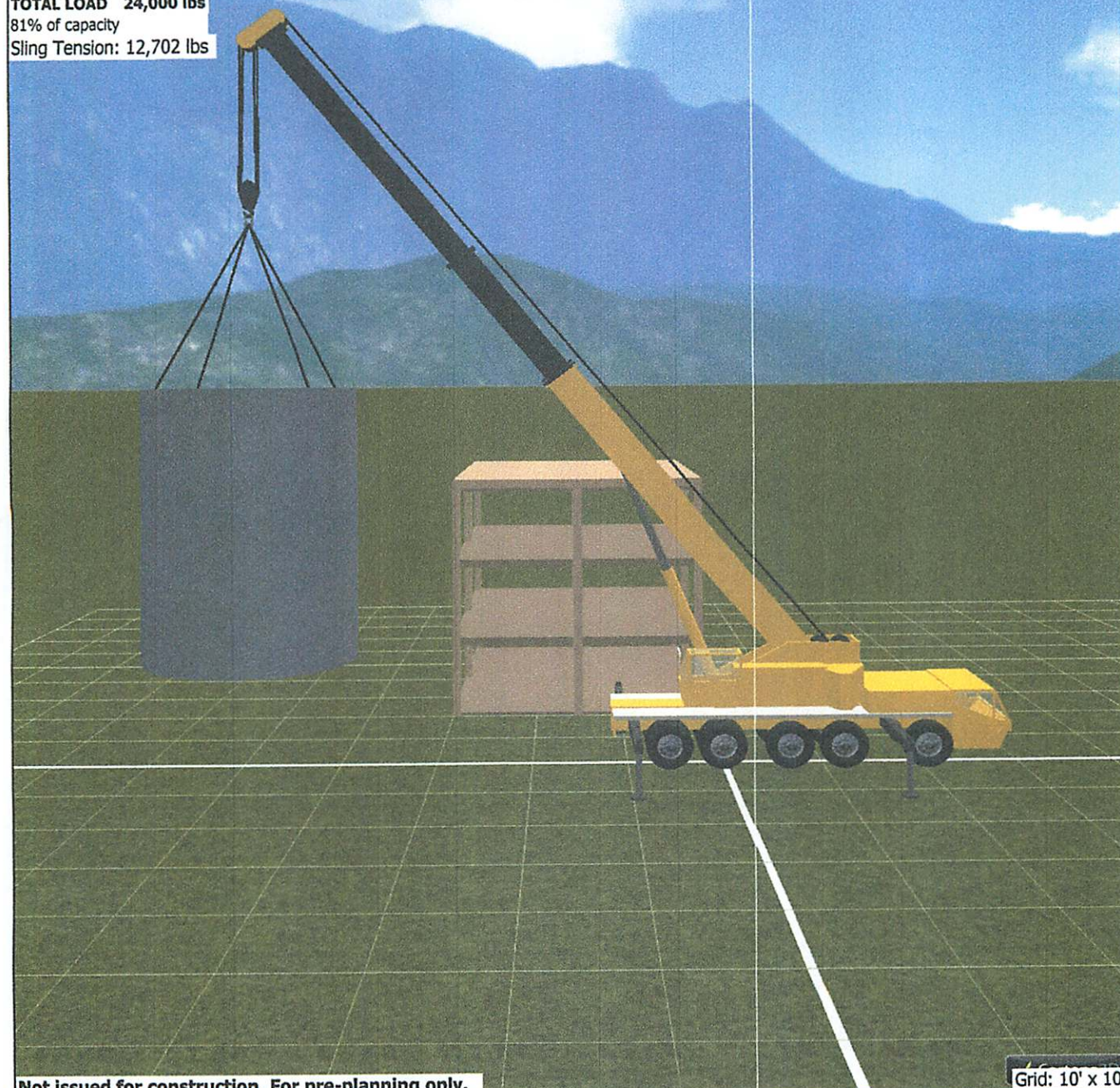
Sling (4)

Load 22,000 lbs

TOTAL LOAD 24,000 lbs

81% of capacity

Sling Tension: 12,702 lbs



Not issued for construction. For pre-planning only.

Grid: 10' x 10'



Title: Lift Plan

Project: box

Customer: us

Description: lift box

Drawn By: bart morhart

5/6/2014

CRANE

Terex T780

78' Main Boom at 44.8°

Base: 100% Outriggers

Counterweight: 3000 lbs

51.8' Lift Radius (360°)

Crane Capacity at 51.8' = 13,700 lbs

LOAD

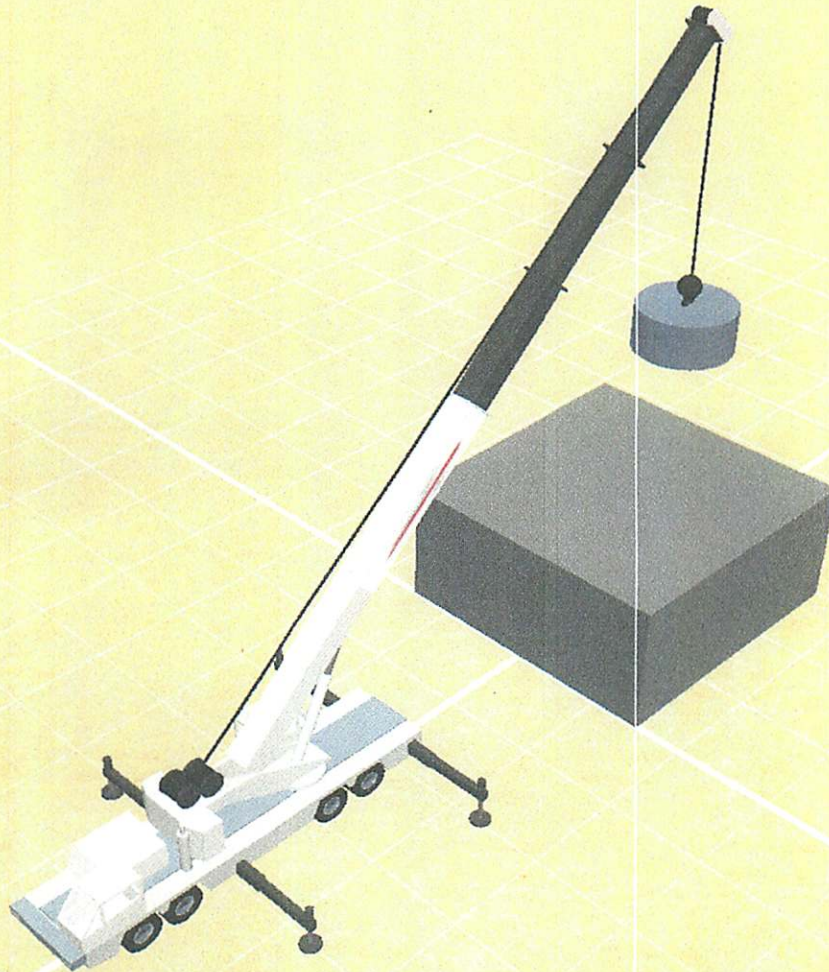
Hook

Load 1,000 lbs

TOTAL LOAD 1,000 lbs

7% of capacity

Sling Tension: 1,000 lbs



Not issued for construction. For pre-planning only.

Grid: 10' x 10'



Title: Lift Plan

Project:

Customer:

Description:

Drawn By: bart morhart

5/26/2014

CRANE

Grove GMK5120B

120.3' Main Boom at 61.4°

Base: 100% Outriggers

Counterweight: 68300 lbs

51.9' Lift Radius (360°)

Crane Capacity at 51.9' = 36,800 lbs

LOAD

Block 2,000 lbs

Hook

Sling (2)

Spreader Bar

Sling (4)

Spreader Bar (2)

Sling (4)

Rigging 1,500 lbs

Load 28,000 lbs

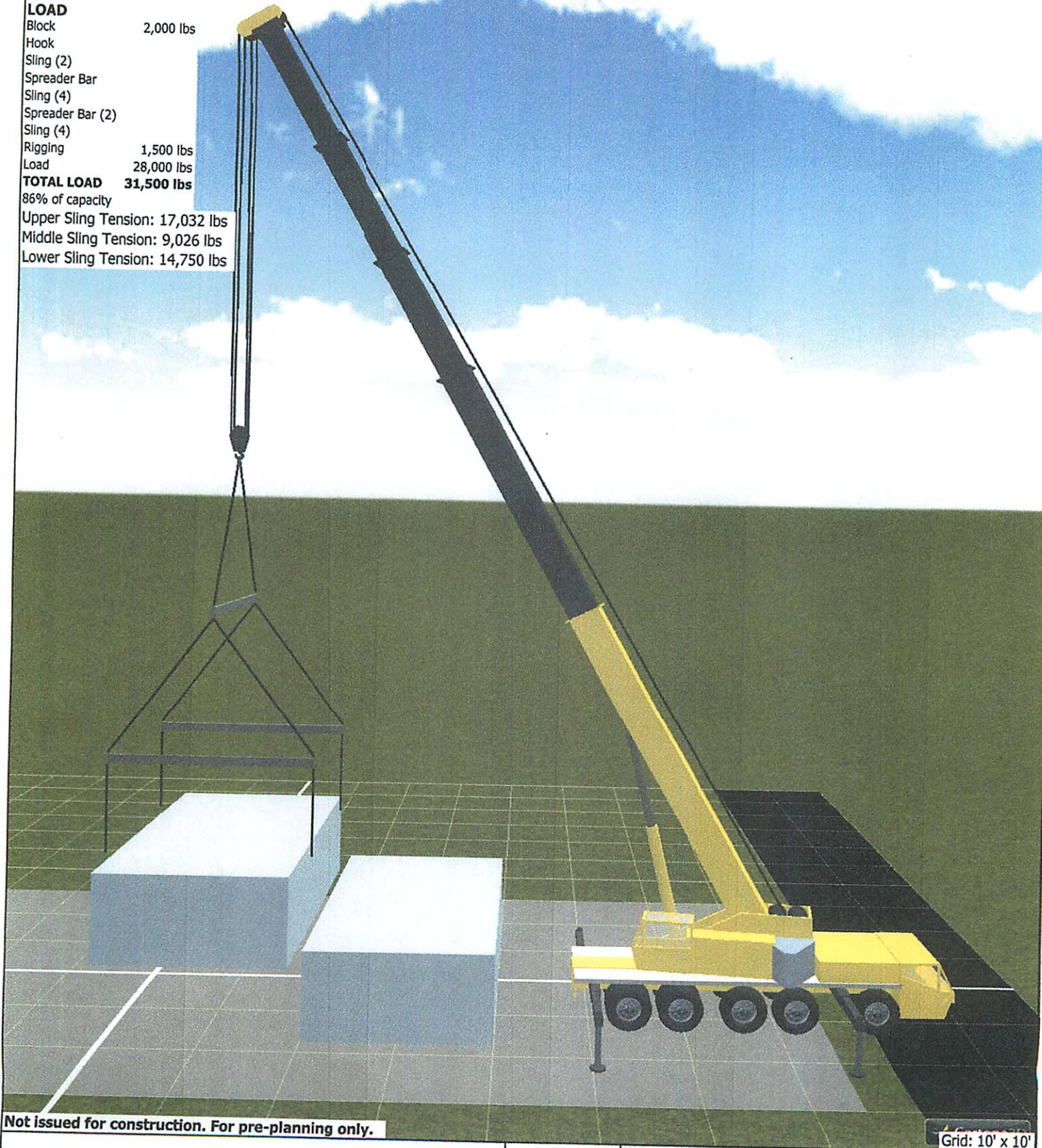
TOTAL LOAD 31,500 lbs

86% of capacity

Upper Sling Tension: 17,032 lbs

Middle Sling Tension: 9,026 lbs

Lower Sling Tension: 14,750 lbs



Not issued for construction. For pre-planning only.

Grid: 10' x 10'



Title: Lift Plan
Project: 1805 3rd street
Customer: wilham
Description: duplex lift
Drawn By: hart morhart

5/16/2014

CRANE

Grove GMK5120B
120.3' Main Boom at 61.4°
Base: 100% Outriggers
Counterweight: 68300 lbs
51.9' Lift Radius (360°)
Crane Capacity at 51.9' = 36,800 lbs

LOAD

Block 2,000 lbs
Hook
Sling (2)
Spreader Bar
Sling (4)
Spreader Bar (2)
Sling (4)
Rigging 1,500 lbs
Load 1,000 lbs

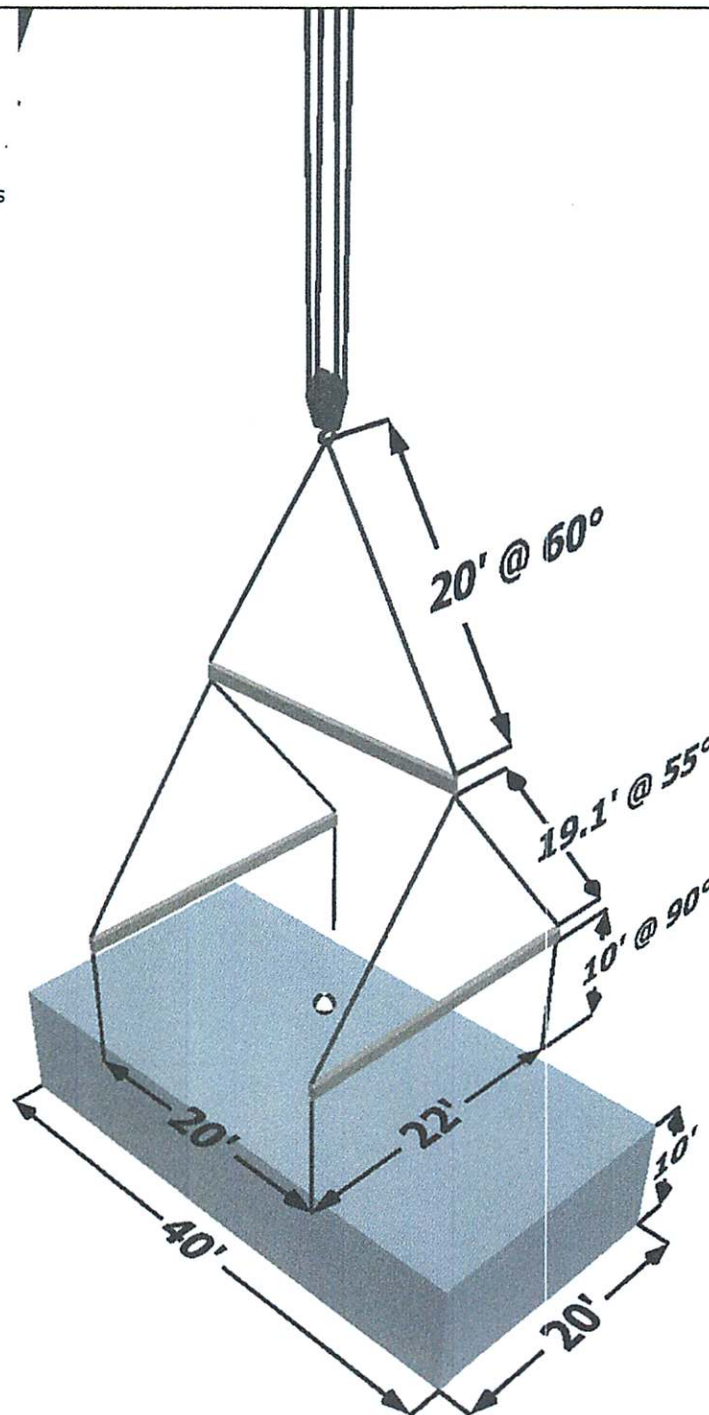
TOTAL LOAD 4,500 lbs

12% of capacity

Upper Sling Tension: 1,443 lbs

Middle Sling Tension: 765 lbs

Lower Sling Tension: 1,250 lbs



Not issued for construction. For pre-planning only.

Grid: 10' x 10'



Title: Lift Plan
Project: 1805 3rd street
Customer: wilham
Description: duplex lift
Drawn By: bart morhart

5/26/2014

CRANE

Grove GMK5120B

167.3' Main Boom at 65.7°

111.5' Boom Extension at 40° (40° offset)

Base: 100% Outriggers

Counterweight: 44000 lbs

134.4' Lift Radius (360°)

Crane Capacity at 134.4' = 4,200 lbs

LOAD

Hook

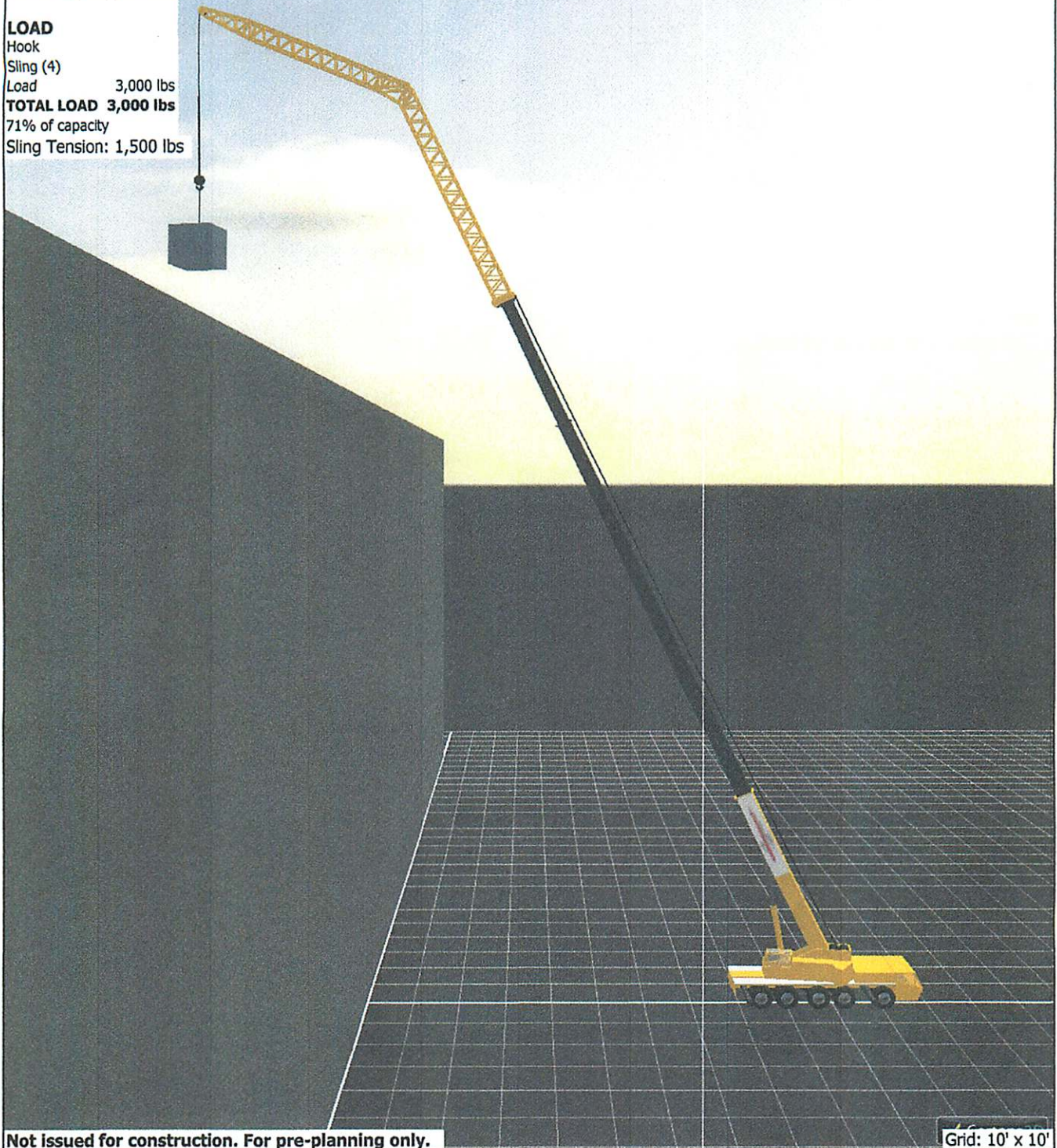
Sling (4)

Load 3,000 lbs

TOTAL LOAD 3,000 lbs

71% of capacity

Sling Tension: 1,500 lbs

**Not issued for construction. For pre-planning only.**

Grid: 10' x 10'



Title: Lift Plan
Project: New Lift
Customer: sample
Description: lift ac unit
Drawn By: bart morhart

5/26/2014



Skylift Services Inc., established in 1983, has been providing quality services to a diverse client base on a variety of project types. The company is comprised of qualified trade professionals with an abundance of experience. Although the principal goal of a safe and healthy workplace has always been a fundamental core value at SkyLift, there was a major shift towards health and safety in 2007. In order to meet the growing needs of the industry, SkyLift has been working towards a proactive safety culture with great success. With the support of management, all levels of employment are encouraged to participate and grow with the company on the premise that a strong workplace starts with its most valuable asset - the employees.

In order to understand and comply with legislation, regulations and company specific policies, SkyLift has provided a Health Safety & Environment Coordinator the time and resources needed to ascertain the knowledge and experience necessary to stay current with all requirements set forth by the applicable governing bodies therein. A brief overview of the training provided to SkyLift personnel is likely to help illustrate the level of commitment towards health and safety.

- Basic Safety Courses funded by SkyLift;
 - First Aid and CPR
 - H2S Alive
 - Petroleum Safety Training
 - CSTS
 - WHMIS
 - Transportation of Dangerous Goods
 - Fall Protection
 - Ground Disturbance
 - PME Training
- Job Specific Courses funded by SkyLift;
 - Crane & Hoist Apprenticeship/Tradesperson Proficiencies
 - hosted Level 2 - 1 week Boom Truck up-grader
 - 1A Motor Vehicle Licences
 - Occupational Health and Safety Training
 - Certified Health and Safety Auditor Training
 - Leadership for Safety Excellence
 - Safety Management
 - Basic Training Techniques
 - Powered Industrial Lift Truck Train-the-Trainer Course

SkyLift has also provided the opportunity for personnel to attend a multitude of various safety related seminars/meetings province wide.

In addition to education and training, Skylift continues to ensure inspections and preventative maintenance remain key priorities throughout all operations of the business. Providing the means to safe equipment and a safe work environment further promotes the commitment to health and safety. A condensed list of the many types of inspections and preventative maintenance conducted at Skylift might help to show the level of resolve the company has towards hazards associated with equipment and facilities related to the business.

- Equipment Specific Inspections;
 - Per use basic PPE inspection
 - Daily pre-trip/post-trip inspections for all mobile/lifting equipment
 - Varying intervals of preventative maintenance pre-determined by manufacturers specifications as well as SGI requirements
 - Annual non-destructive engineering inspections on all applicable lifting equipment, performed by qualified inspectors
 - Annual SGI PMP Station Vehicle Inspections for all equipment over 1 ton, required to travel on public roadways, performed by qualified HD mechanic
 - Annual Rigging inspections performed by qualified crane and hoist operators
 - Specialty post-incident/reasonable cause inspections as needed
- Workplace Specific Inspections;
 - Daily temporary worksite inspections included in pre-job meetings
 - Critical Lift Assessments
 - Weekly facility inspections
 - Monthly fire extinguisher inspections
 - Periodic Worksite evaluation/inspection - management
 - Quarterly four-head gas monitor calibration/inspection
 - Quarterly/Annual first-aid and AED inspections

Skylift will continue to recognize the need for additional preventative measures as needed.

Open communication has always played a big part in the success and development of the health and safety program. This was a major factor when Skylift became a COR holding company in November of 2012. Upon review of the documentation, observations of the work and work sites, and interviews with employees and management, a score of 95% was granted while employing the national standard audit tool. Skylift encourages all employees to participate in safety meetings and various in-house training seminars where policies and procedures may be reviewed and amended. Wherever the content of these functions directly influence any worker, it becomes a mandatory element of their employment. Furthermore, Skylift will continue to work along side OH&S, SCSA, ISNetworld, Complyworks, PICS Auditing, CQN Advantage and all related governing bodies, and training institutions to help illuminate the strengths and weaknesses in the programs responsible for health and safety in its entirety.

As always, Skylift encourages any and all comments related to the improvement of the business.

Kindest regards,



Nicole Grass - HSE Coordinator

