

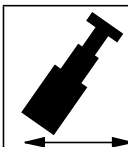
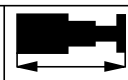

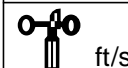



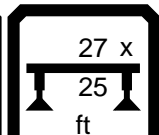

LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1150/1 - 165 TON CAPACITY

85%

Main Boom - Outrigger 27' x 25'

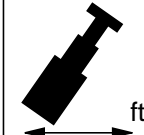


 ft	 ft > < lbs		CODE >0016< L138 0F00 .x(x)								
	43	56	56	56	56	69	69	69	69	82	
9	273,000										
10	271,000										
11	254,000	207,000	192,000	117,000	117,000						
12	237,000	207,000	192,000	117,000	117,000						
13	221,000	207,000	192,000	117,000	117,000	202,000	192,000	117,000	101,000	163,000	
14	208,000	198,000	191,000	117,000	117,000	192,000	188,000	117,000	98,000	163,000	
15	196,000	187,000	188,000	117,000	117,000	181,000	182,000	117,000	95,000	161,000	
16	189,000	180,000	181,000	117,000	117,000	173,000	175,000	117,000	92,000	155,000	
17	181,000	173,000	174,000	117,000	117,000	166,000	168,000	117,000	89,000	149,000	
18	174,000	167,000	168,000	117,000	117,000	160,000	162,000	117,000	86,500	144,000	
20	159,000	154,000	155,000	117,000	116,000	148,000	150,000	116,000	80,500	133,000	
22	145,000	143,000	144,000	117,000	112,000	139,000	140,000	114,000	75,500	125,000	
24	132,000	131,000	132,000	117,000	107,000	129,000	130,000	110,000	71,000	117,000	
26	120,000	119,000	121,000	117,000	102,000	118,000	120,000	105,000	67,500	109,000	
28	110,000	109,000	111,000	110,000	97,500	108,000	110,000	100,000	64,500	103,000	
30	101,000	100,000	101,000	103,000	93,000	99,000	101,000	95,000	61,000	97,500	
32	92,500	92,500	93,500	95,000	90,000	91,500	93,500	90,500	58,400	90,000	
34		85,500	87,000	88,000	86,000	84,500	86,500	86,500	55,600	83,000	
36		79,500	80,500	82,000	82,500	78,000	80,500	82,500	52,900	76,000	
38		74,000	75,500	76,500	77,500	73,000	75,000	78,000	50,300	70,500	
40		69,000	70,500	71,500	72,500	68,000	70,000	74,000	48,000	65,000	
45		58,400	59,700	61,000	62,000	57,100	59,400	63,500	43,700	54,500	
50						48,600	51,000	54,800	40,000	46,300	
55						41,700	44,000	47,700	36,600	39,700	
60										34,300	
65										29,700	
70										25,600	
75											
80											
85											
90											
95											
100											
105											
110											
115											
* n *	14!	13	12	8	8	13	12	8	7	10	
 %	1	0+	0+	0+	0+	0+	46+	0+	0+	0+	92+
	2	0+	46+	0+	0+	0+	46+	46+	0+	0+	46+
	3	0+	0+	46+	0+	0+	0+	46+	0+	0+	0+
	4	0+	0+	0+	46+	0+	0+	0+	46+	0+	0+
	5	0+	0+	0+	0+	46+	0+	0+	46+	92+	0+
 ft/s		36	36	36	36	33	33	33	33	33	33

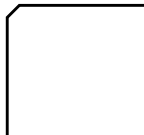

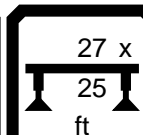

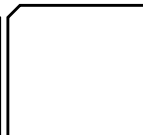
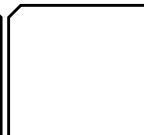
	T	--	 77,200 lbs	 27 x 25 ft	 360°		
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

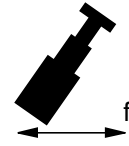



 ft	 ft > < lbs					CODE >0016< L138 0F00 .x(x)				
	82	82	82	82	82	95	95	95	95	95
9										
10										
11										
12										
13	163,000	148,000	117,000	101,000	101,000					
14	163,000	148,000	117,000	98,500	98,500	133,000	133,000	117,000	117,000	101,000
15	163,000	147,000	117,000	96,000	95,500	133,000	133,000	117,000	117,000	100,000
16	163,000	143,000	117,000	92,500	92,000	133,000	133,000	117,000	117,000	97,500
17	160,000	138,000	117,000	89,500	89,000	131,000	132,000	117,000	117,000	95,000
18	155,000	134,000	117,000	86,500	86,000	128,000	131,000	117,000	117,000	92,000
20	145,000	125,000	117,000	81,000	80,500	122,000	128,000	117,000	117,000	86,000
22	136,000	117,000	117,000	76,000	76,000	115,000	123,000	117,000	117,000	81,500
24	127,000	110,000	115,000	71,000	71,500	108,000	117,000	117,000	116,000	77,000
26	119,000	103,000	111,000	66,500	67,000	101,000	111,000	116,000	115,000	72,500
28	109,000	98,500	106,000	63,500	64,000	95,500	105,000	109,000	110,000	68,500
30	100,000	93,500	101,000	60,500	61,000	90,000	98,500	100,000	104,000	65,000
32	92,500	89,500	96,500	57,600	58,200	85,000	90,500	92,500	96,000	61,500
34	85,500	85,000	90,500	55,000	55,600	80,000	83,000	85,000	88,500	58,400
36	79,500	79,500	84,000	52,500	53,200	74,500	76,500	78,500	82,000	55,900
38	73,500	74,000	79,000	50,300	51,000	69,000	71,000	73,000	76,500	53,700
40	68,500	69,000	74,000	48,100	48,800	64,000	66,000	68,000	71,500	51,500
45	57,600	58,200	63,500	42,900	43,800	54,000	55,800	57,600	61,000	46,600
50	49,400	50,000	54,900	39,200	40,400	46,100	47,800	49,700	53,000	42,200
55	42,700	43,200	47,900	36,200	37,400	39,700	41,400	43,100	46,400	38,600
60	37,000	37,500	42,000	33,400	34,700	34,400	36,100	37,800	41,000	36,000
65	32,400	32,800	37,300	30,800	32,200	30,100	31,800	33,400	36,500	33,500
70	28,400	28,800	33,400	28,400	29,800	26,600	28,200	29,900	32,600	31,200
75						23,300	24,900	26,500	29,300	28,900
80						20,300	21,800	23,400	26,300	26,500
85						17,700	19,200	20,700	23,700	23,900
90										
95										
100										
105										
110										
115										
* n *	10	10	8	7	7	9	9	8	8	7
1	46+	0+	0+	0+	0+	92+	46+	46+	0+	0+
2	46+	92+	0+	0+	0+	46+	92+	46+	46+	0+
3	46+	46+	46+	0+	0+	46+	46+	46+	46+	92+
4	0+	0+	46+	92+	46+	0+	0+	46+	46+	46+
5	0+	0+	46+	46+	92+	0+	0+	0+	46+	46+
 ft/s	33	33	33	33	33	33	33	33	33	33


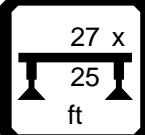

	T	--					
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

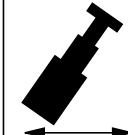


 ft	 ft > < lbs		CODE >0016< L138 0F00 .x(x)								
	95	108	108	108	108	108	108	108	108	121	121
9											
10											
11											
12											
13											
14	67,000										
15	67,000										
16	67,000	101,000	101,000	101,000	101,000	84,000	82,000	67,000			
17	67,000	101,000	101,000	101,000	100,000	84,000	80,500	67,000			
18	67,000	101,000	101,000	101,000	98,500	84,000	78,000	67,000			
20	67,000	101,000	101,000	101,000	95,000	83,500	73,500	67,000	84,000	84,000	
22	64,000	100,000	101,000	101,000	90,000	80,000	69,500	63,500	83,500	84,000	
24	60,500	97,000	98,500	100,000	85,000	77,000	65,500	60,500	83,500	83,000	
26	57,200	92,000	93,500	99,500	80,000	73,500	62,000	57,700	82,500	81,500	
28	54,200	87,500	89,000	96,500	76,500	70,500	59,200	55,100	80,000	78,500	
30	51,200	83,000	84,000	93,500	72,500	67,500	56,300	52,600	77,500	75,000	
32	48,400	79,000	80,000	89,500	69,000	65,000	53,700	50,400	74,000	71,500	
34	46,000	75,000	76,000	84,000	66,000	62,500	51,200	48,300	71,000	69,000	
36	44,000	71,000	72,500	77,500	63,000	60,000	48,900	46,200	68,000	66,000	
38	42,200	66,500	68,000	72,500	60,000	57,900	46,700	44,300	65,000	63,500	
40	40,500	62,500	64,000	67,500	57,600	55,900	44,700	42,600	62,000	61,000	
45	36,500	52,700	54,200	57,700	52,600	51,700	40,700	39,100	54,100	55,000	
50	32,900	45,100	46,600	50,000	48,200	48,000	37,200	36,100	47,000	48,300	
55	30,000	38,900	40,300	43,700	43,600	44,700	34,000	33,300	41,000	42,200	
60	27,900	33,800	35,100	38,400	38,800	41,300	31,100	30,700	35,900	37,200	
65	25,900	29,500	30,900	34,200	34,500	37,100	28,400	28,300	31,800	33,000	
70	24,200	26,100	27,400	30,600	31,000	33,500	26,500	26,700	28,300	29,600	
75	22,500	23,000	24,400	27,600	27,900	30,300	24,900	25,200	25,300	26,500	
80	20,900	20,400	21,700	24,900	25,100	27,500	23,300	23,900	22,700	23,900	
85	19,400	17,900	19,200	22,300	22,600	24,900	21,900	22,600	20,400	21,600	
90		15,700	17,000	20,000	20,300	22,600	20,600	21,400	18,400	19,500	
95		13,700	15,000	18,000	18,300	20,600	19,300	20,300	16,500	17,600	
100									14,700	15,800	
105									13,100	14,200	
110									11,800	12,900	
115											
* n *	4	7	7	7	7	5	5	4	5	5	
1	0+	92+	92+	46+	0+	0+	0+	0+	92+	46+	
2	0+	92+	46+	46+	92+	46+	0+	0+	46+	92+	
3	0+	46+	46+	46+	46+	46+	92+	46+	46+	46+	
4	92+	0+	46+	46+	46+	46+	92+	92+	46+	46+	
5	92+	0+	0+	46+	46+	92+	46+	92+	46+	46+	
 %											
 ft/s	33	33	33	33	33	33	33	33	33	33	

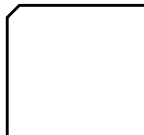

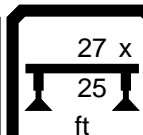

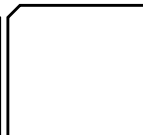
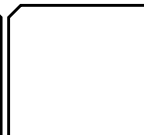
	T	--	 77,200 lbs	 27 x 25 ft	 360°		
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

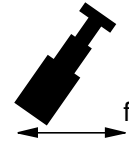


 ft	 ft > < lbs					CODE >0016< L138 0F00 .x(x)				
	121	121	121	121	121	135	135	135	135	135
9										
10										
11										
12										
13										
14										
15										
16										
17										
18	67,000	67,000	67,000	66,500	51,600					
20	67,000	67,000	67,000	66,000	51,600					
22	67,000	67,000	66,500	63,000	51,600			61,000	60,500	51,600
24	67,000	67,000	65,000	60,500	51,600	66,000	65,000	59,700	60,000	51,600
26	67,000	67,000	62,000	57,800	51,600	66,500	65,000	57,400	58,900	51,600
28	67,000	66,000	59,500	55,500	50,500	66,500	65,000	55,300	56,900	50,000
30	67,000	64,000	57,000	53,300	49,100	66,000	64,000	53,300	54,800	48,100
32	65,500	61,000	54,700	51,300	47,000	64,500	62,000	51,500	52,900	46,400
34	64,000	58,500	52,500	49,400	45,000	62,500	59,600	49,900	51,200	44,700
36	61,500	55,900	50,400	47,600	43,100	60,000	57,400	48,200	49,500	43,200
38	59,700	53,500	48,400	45,800	41,300	58,000	55,300	46,700	47,900	41,700
40	57,800	51,400	46,600	44,200	39,700	55,900	53,300	45,200	46,300	40,300
45	53,800	47,000	42,900	40,900	36,400	51,200	48,600	41,800	42,200	37,000
50	49,200	43,100	39,700	38,000	33,500	45,400	44,900	39,100	38,800	34,300
55	44,200	39,700	36,700	35,400	30,800	39,900	41,000	36,600	35,900	31,900
60	39,100	36,500	34,000	33,000	28,400	35,000	36,700	34,400	33,100	29,700
65	34,900	33,500	31,500	30,700	26,100	31,000	32,600	32,400	30,700	27,700
70	31,400	30,500	29,100	28,600	24,000	27,600	29,300	30,500	28,400	25,900
75	28,400	27,600	27,300	27,000	22,400	24,700	26,300	28,200	26,200	24,200
80	25,700	24,900	25,700	25,600	21,100	22,100	23,700	25,600	24,300	22,700
85	23,400	22,600	24,200	24,300	19,900	19,800	21,400	23,300	22,700	21,500
90	21,200	20,500	22,000	22,700	18,800	17,900	19,500	21,400	20,800	20,400
95	19,200	18,500	20,000	20,900	17,700	16,100	17,600	19,500	18,900	19,300
100	17,400	16,700	18,200	19,100	16,700	14,400	15,900	17,700	17,100	18,300
105	15,900	15,100	16,600	17,600	15,700	12,900	14,300	16,100	15,500	17,300
110	14,500	13,800	15,300	16,200	14,800	11,500	13,000	14,700	14,100	15,900
115						10,300	11,800	13,500	12,900	14,700
* n *	4	4	4	4	3	4	4	4	4	3
1	46+	0+	0+	0+	0+	92+	46+	46+	0+	0+
2	46+	92+	46+	46+	0+	92+	92+	46+	92+	46+
3	46+	92+	92+	46+	92+	46+	92+	46+	92+	92+
4	46+	46+	92+	92+	92+	46+	46+	92+	92+	92+
5	92+	46+	46+	92+	92+	46+	46+	92+	46+	92+
 ft/s	33	33	33	33	33	33	33	33	33	33



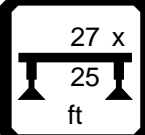



	T	--	 77,200 lbs	 27 x 25 ft	 360°		
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

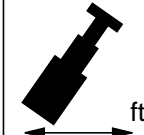


 ft	 ft > < lbs		CODE >0016< L138 0F00 .x(x)							
	148	148	148	148	161	161	174	184	56	69
9										
10										
11									52,200	
12									52,200	
13									52,200	41,000
14									52,200	40,800
15									52,200	40,700
16									52,200	40,600
17									52,200	40,500
18									52,200	40,400
20									52,200	40,200
22									52,200	40,100
24									52,200	40,100
26			49,500	47,300					52,200	40,100
28	51,400	51,000	48,500	46,700					52,200	40,100
30	51,500	51,000	47,300	45,800	41,300	40,800			52,200	40,100
32	51,600	50,800	45,700	44,300	41,500	40,800	40,000		52,200	40,100
34	51,600	49,900	44,200	42,900	41,800	40,700	39,600	32,700	52,200	40,100
36	51,600	48,500	42,800	41,600	42,200	40,600	38,800	32,700	52,200	40,100
38	50,500	47,200	41,500	40,400	42,200	39,600	38,100	32,700	52,200	40,100
40	49,300	46,000	40,300	39,200	42,000	38,600	37,400	32,600	52,200	40,100
45	45,500	42,800	37,400	36,500	40,300	36,100	35,400	31,300	52,200	40,100
50	42,000	39,900	34,800	34,000	37,700	33,900	33,600	29,900		40,100
55	38,500	37,100	32,500	31,800	35,200	31,900	31,800	28,400		38,900
60	34,700	34,600	30,500	29,900	32,800	30,000	30,200	27,100		
65	30,800	32,300	28,700	28,200	30,600	28,400	28,700	25,800		
70	27,500	29,400	27,100	26,400	27,600	27,000	27,200	24,600		
75	24,600	26,500	25,500	24,700	24,800	25,700	25,100	23,400		
80	22,100	24,000	24,100	23,000	22,300	24,200	22,700	22,100		
85	19,800	21,800	22,700	21,400	20,100	22,100	20,500	20,400		
90	17,900	19,800	21,000	20,200	18,200	20,200	18,700	18,600		
95	16,200	18,100	19,300	19,100	16,500	18,500	17,000	16,900		
100	14,600	16,400	17,600	17,800	14,900	16,900	15,400	15,400		
105	13,100	14,800	16,000	16,200	13,500	15,400	14,100	14,100		
110	11,700	13,500	14,600	14,800	12,100	14,000	12,900	12,900		
115	10,500	12,200	13,400	13,600	10,900	12,800	11,700	11,700		
* n *	3	3	3	3	3	3	3	2	4	3
1	92+	46+	46+	0+	92+	46+	92+	100+	0+	46-
2	92+	92+	46+	92+	92+	92+	92+	100+	46-	46+
3	92+	92+	92+	92+	92+	92+	92+	100+	0+	0+
4	46+	92+	92+	92+	92+	92+	92+	100+	0+	0+
5	46+	46+	92+	92+	46+	92+	92+	100+	0+	0+
 ft/s	33	33	33	33	33	33	28	28	36	33

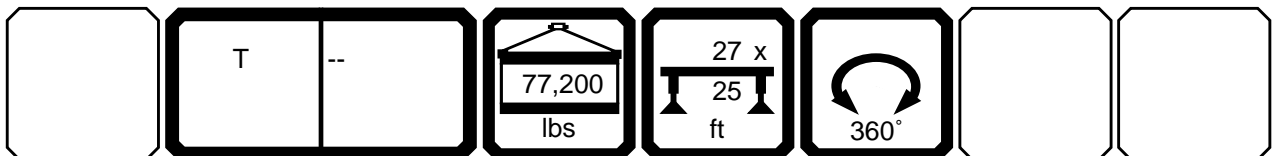
	T	--					
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

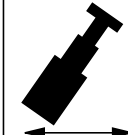


 ft	 ft > < lbs			CODE >0016<		L138 0F00 .x(x)				
	82	56	69	82	95	56	95	108	82	95
9										
10										
11		55,900				59,400				
12		55,900				59,400				
13	29,600	55,900	47,300	40,100		59,300			38,200	
14	29,200	55,900	47,200	39,900	28,100	59,300	39,400		37,800	39,000
15	28,800	55,900	47,000	39,700	28,000	59,300	39,300		37,300	39,000
16	28,400	55,900	46,900	39,500	27,600	59,300	39,100	27,000	36,800	38,700
17	28,100	55,900	46,800	39,300	27,100	59,300	38,800	26,800	36,400	38,500
18	27,700	55,900	46,700	39,100	26,700	59,300	38,600	26,300	35,900	38,200
20	27,000	55,900	46,500	38,800	25,900	59,300	38,100	25,500	34,800	37,700
22	26,400	55,900	46,300	38,500	25,200	59,300	37,700	24,700	32,500	37,300
24	25,700	55,900	46,300	38,200	24,500	59,300	37,300	24,000	31,100	36,900
26	25,200	55,900	46,200	38,000	23,800	59,300	37,000	23,300	30,400	36,500
28	24,600	55,900	46,200	37,800	23,200	59,300	36,600	22,600	29,900	36,200
30	24,100	55,900	46,200	37,600	22,600	59,300	36,300	22,000	29,300	35,800
32	23,700	55,900	46,200	37,400	22,100	59,300	36,000	21,400	28,900	35,500
34	23,200	55,900	46,200	37,400	21,500	59,300	35,800	20,800	28,400	35,300
36	22,800	55,900	46,200	37,300	21,000	59,300	35,600	20,300	28,000	35,000
38	22,500	55,900	46,200	37,300	20,600	59,300	35,400	19,800	27,600	34,800
40	22,100	55,900	46,200	37,300	20,100	59,300	35,200	19,300	27,200	34,300
45	21,500	55,900	46,200	37,300	19,100	59,000	34,900	18,200	26,400	31,700
50	21,000		46,200	37,300	18,300		34,700	15,700	25,900	31,200
55	20,700		43,500	37,300	16,700		34,700	14,100	25,500	31,100
60	20,700			36,500	14,600		34,400	13,500	25,300	31,100
65	20,700			32,400	14,300		33,100	13,000	25,300	31,100
70	20,700			28,400	14,200		29,900	12,600	25,300	28,200
75					14,200		26,500	12,300		24,900
80					14,200		23,400	12,100		21,800
85					14,200		20,700	11,900		19,200
90								11,900		
95								11,900		
100										
105										
110										
115										
* n *	2	4	3	3	2	4	3	2	3	3
1	92-	0+	0+	46-	92-	0+	46-	92-	0+	46-
2	46+	0+	46-	46+	46+	0+	46-	46+	92-	92+
3	0+	46-	46+	46+	46+	0+	46-	46+	46+	46+
4	0+	0+	0+	0+	0+	46-	46+	46+	0+	0+
5	0+	0+	0+	0+	0+	0+	0+	0+	0+	0+
 ft/s	33	36	33	33	33	36	33	33	33	33


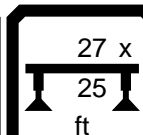



STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

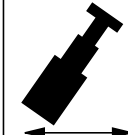


 ft	 ft > < lbs		CODE >0016< L138 0F00 .x(x)							
	108	56	69	82	95	108	121	69	82	108
9										
10										
11		62,000								
12		62,000								
13		62,000	57,300	53,000				48,600	56,100	
14		62,000	57,100	52,800	45,600			48,300	55,900	
15		62,000	56,900	52,500	45,500			47,900	55,600	
16	26,600	62,000	56,800	52,300	45,300	38,600		47,500	55,400	44,800
17	26,400	62,000	56,600	52,000	45,000	38,500		47,100	55,100	44,700
18	25,900	62,000	56,500	51,800	44,700	38,200	25,400	46,800	54,900	44,400
20	25,100	62,000	56,200	51,100	44,200	37,700	25,300	46,100	54,400	43,800
22	24,300	62,000	56,100	49,100	43,800	37,200	24,500	45,500	54,000	43,300
24	23,500	62,000	55,900	48,000	43,400	36,700	23,700	44,900	53,600	42,800
26	22,800	62,000	55,900	47,700	43,000	36,300	23,000	44,400	53,300	42,300
28	22,100	62,000	55,800	47,400	42,600	35,900	22,300	43,900	53,000	41,900
30	21,400	62,000	55,800	47,200	42,200	35,500	21,700	43,500	52,700	41,400
32	20,800	62,000	55,800	47,000	41,900	35,200	21,100	43,100	52,500	41,000
34	20,200	62,000	55,800	46,900	41,600	34,800	20,500	42,800	52,300	40,600
36	19,700	62,000	55,800	46,800	41,400	34,500	19,900	42,500	52,200	40,300
38	19,100	62,000	55,800	46,700	41,100	32,500	19,400	42,300	50,600	39,900
40	18,400	61,500	55,800	46,700	40,900	31,100	18,900	42,100	48,800	39,600
45	15,300	60,000	55,800	46,700	40,500	30,600	17,700	42,000	43,800	38,900
50	14,100		52,700	46,700	40,200	30,200	15,300	39,700	40,400	38,300
55	13,400		47,700	45,200	40,200	29,900	13,600	36,600	37,400	37,900
60	12,800			42,000	39,500	29,700	13,000		34,700	37,400
65	12,200			37,300	36,400	29,700	12,400		32,200	36,600
70	11,800			33,400	32,600	29,300	11,900		29,800	33,500
75	11,400				29,300	27,600	11,500			30,300
80	11,200				26,300	24,900	11,100			27,500
85	11,000				23,700	22,300	10,800			24,900
90	11,000					20,000	10,600			22,600
95	11,000					18,000	10,400			20,600
100							10,400			
105							10,400			
110							10,400			
115										
* n *	2	4	4	4	3	3	2	3	4	3
1	92-	0+	0+	0+	0+	46-	92-	0+	0+	0+
2	92+	0+	0+	0+	46-	46+	46+	0+	0+	46-
3	46+	0+	0+	46-	46+	46+	46+	0+	0+	46-
4	0+	0+	46-	46+	46+	46+	46+	0+	46-	46+
5	0+	46-	46+	46+	46+	46+	46+	92-	92+	92+
 ft/s	33	36	33	33	33	33	33	33	33	33

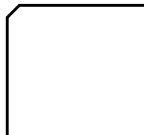

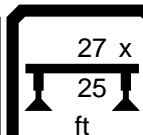

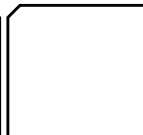
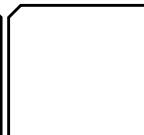
	T	--	 77,200 lbs	 27 x 25 ft	 360°		
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

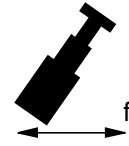


 ft	 ft > < lbs			CODE >0016<		L138 0F00 .x(x)				
	121	108	121	135	95	108	121	135	95	121
9										
10										
11										
12										
13										
14					42,700				39,900	
15					42,600				39,800	
16		34,900			42,100	48,200			39,300	
17		34,100			41,600	48,000			38,800	
18	37,600	32,900	37,200		41,100	47,700	43,500		38,300	30,200
20	37,600	30,700	37,100		40,100	47,100	43,400		37,300	30,100
22	37,000	29,800	36,600	23,500	39,200	46,600	42,800	36,400	36,500	29,200
24	36,500	29,100	36,100	23,100	38,400	46,000	42,300	36,100	35,600	28,400
26	36,100	28,300	35,600	22,300	37,500	45,500	41,700	35,600	34,800	27,600
28	35,600	27,700	35,100	21,600	36,800	45,100	41,200	35,100	32,900	26,900
30	35,200	27,000	34,200	20,900	36,100	44,600	40,700	34,200	31,100	26,200
32	34,800	26,400	32,000	20,300	35,400	44,200	40,300	32,000	30,500	25,500
34	33,300	25,800	30,900	19,600	33,900	43,800	39,800	30,900	30,000	24,900
36	31,200	25,200	30,600	19,100	31,900	43,400	39,400	30,500	29,400	24,300
38	30,800	24,700	30,300	18,500	31,400	43,000	39,000	30,200	28,900	23,700
40	30,500	24,200	30,000	17,700	30,900	42,400	38,600	29,900	28,500	23,100
45	29,900	23,000	29,300	14,700	29,800	39,100	37,700	29,100	27,400	21,900
50	29,300	21,900	28,700	13,500	28,800	36,100	36,900	28,500	26,500	20,700
55	28,900	21,000	28,200	12,700	28,000	33,300	35,300	27,900	25,700	19,700
60	28,500	20,200	27,800	12,000	27,100	30,700	33,000	27,300	25,000	18,800
65	28,200	19,500	27,400	11,300	25,900	28,300	30,700	26,900	24,500	18,000
70	28,000	18,900	27,200	10,700	24,200	26,700	28,600	26,500	24,200	15,800
75	27,200	18,500	26,000	10,200	22,500	25,200	27,000	26,200	24,100	14,600
80	25,700	18,100	23,900	9,700	20,900	23,900	25,600	25,500	24,000	14,100
85	23,400	17,800	21,600	9,300	19,400	22,600	24,300	23,300	23,800	13,700
90	21,200	17,800	19,500	8,900		21,400	22,700	21,400		13,400
95	19,200	17,400	17,600	8,600		20,300	20,900	19,500		13,200
100	17,400		15,800	8,400			19,100	17,700		13,000
105	15,900		14,200	8,200			17,600	16,100		13,000
110	14,500		12,900	8,100			16,200	14,700		13,000
115				8,000				13,500		
* n *	3	3	3	2	3	3	3	3	3	2
1	46-	0+	46-	92-	0+	0+	0+	46-	0+	0+
2	46+	92-	92+	92+	0+	0+	46-	46+	0+	92-
3	46+	46+	46+	46+	0+	46-	46+	46+	92-	92+
4	46+	46+	46+	46+	92-	92+	92+	92+	46+	46+
5	92+	46+	46+	46+	92+	92+	92+	92+	46+	46+
 ft/s	33	33	33	33	33	33	33	33	33	33



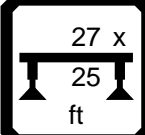



	T	--	 77,200 lbs	 27 x 25 ft	 360°		
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STERLING CRANE

85%

Main Boom - Outrigger 27' x 25'

 ft	 ft > < lbs		CODE >0016< L138 0F00 .x(x)							
	135	148	121	135	148	82	108	121	135	148
9										
10										
11										
12										
13						44,600				
14						44,200				
15						43,700				
16						43,200	38,100			
17						42,800	37,800			
18			36,000			42,300	37,300	43,300		
20			35,900			41,500	36,300	43,200		
22	36,000		34,900	42,100		40,700	35,300	42,600	28,200	
24	35,700		33,200	41,800		40,000	33,700	42,100	27,800	
26	35,100	21,900	31,000	41,200	35,200	39,200	31,400	41,500	27,000	34,900
28	33,100	21,300	30,100	40,700	33,200	38,600	30,500	41,000	26,300	32,900
30	31,200	20,600	29,300	40,100	31,300	38,000	29,900	40,500	25,500	31,000
32	30,800	19,900	28,700	39,600	30,900	37,400	29,200	40,000	24,900	30,600
34	30,400	19,300	28,100	39,100	30,500	36,800	28,600	39,600	24,200	30,200
36	30,000	18,700	27,400	38,700	30,100	36,300	28,000	39,100	23,600	29,800
38	29,700	18,100	26,900	38,200	29,800	35,900	27,500	38,700	23,000	29,400
40	29,400	17,300	26,300	37,800	29,400	35,200	26,900	38,300	22,400	29,100
45	28,600	14,400	25,000	36,600	28,600	32,500	25,700	37,400	21,100	28,200
50	27,800	13,100	23,900	34,300	27,800	31,600	24,600	36,600	19,900	27,400
55	27,200	12,300	22,800	31,900	27,100	31,100	23,700	35,500	18,800	26,700
60	26,600	11,500	21,900	29,700	26,500	30,900	22,800	34,000	17,600	26,000
65	26,100	10,800	21,000	27,700	26,000	30,500	22,100	31,500	15,100	25,500
70	25,700	10,200	20,300	25,900	25,500	28,400	21,400	29,100	14,300	24,900
75	25,000	9,600	19,600	24,200	24,900		20,900	27,300	13,700	24,500
80	23,700	9,100	19,000	22,700	24,100		20,500	25,700	13,200	23,700
85	21,400	8,600	18,500	21,500	22,700		20,200	24,200	12,700	21,700
90	19,500	8,200	18,100	20,400	21,000		20,100	22,000	12,300	19,800
95	17,600	7,800	17,500	19,300	19,300		19,300	20,000	11,900	18,100
100	15,900	7,500	16,700	18,300	17,600			18,200	11,600	16,400
105	14,300	7,100	15,700	17,300	16,000			16,600	11,300	14,800
110	13,000	6,900	14,800	15,900	14,600			15,300	11,100	13,500
115	11,800	6,700		14,700	13,400				11,000	12,200
* n *	3	2	3	3	3	3	3	3	2	3
1	46-	92-	0+	0+	46-	0+	0+	0+	0+	46-
2	92+	92+	0+	46-	46+	0+	0+	46-	92-	92+
3	92+	92+	92-	92+	92+	0+	92-	92+	92+	92+
4	46+	46+	92+	92+	92+	92-	92+	92+	92+	92+
5	46+	46+	92+	92+	92+	46+	46+	46+	46+	46+
 ft/s	33	33	33	33	33	33	33	33	33	33

	T	--	 77,200 lbs	 27 x 25 ft	 360°		
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