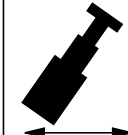





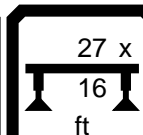



LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1150/1 - 165 TON CAPACITY

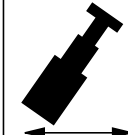


Main Boom - Outrigger 27' x 16'

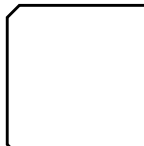
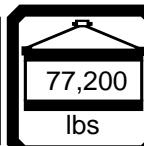
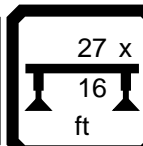

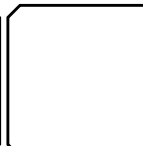
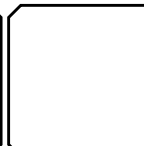
 ft	 ft > < lbs		CODE >0009< L138 0800 .x(x)							
	43	56	56	56	56	69	69	69	69	82
9	218,000									
10	216,000									
11	203,000	196,000	185,000							
12	190,000	190,000	183,000	111,000	112,000					
13	179,000	179,000	179,000	111,000	113,000	177,000	178,000		92,500	158,000
14	170,000	169,000	170,000	112,000	114,000	164,000	166,000	109,000	89,500	147,000
15	161,000	160,000	161,000	112,000	115,000	150,000	153,000	110,000	86,500	135,000
16	152,000	151,000	153,000	113,000	115,000	138,000	141,000	110,000	84,000	125,000
17	144,000	142,000	144,000	114,000	114,000	128,000	131,000	110,000	81,000	116,000
18	135,000	132,000	134,000	115,000	112,000	119,000	123,000	110,000	78,500	109,000
20	118,000	113,000	115,000	115,000	108,000	103,000	106,000	109,000	73,500	94,500
22	106,000	100,000	102,000	103,000	102,000	91,500	94,500	99,000	68,500	84,000
24	94,000	88,500	90,500	92,500	94,000	81,500	84,500	90,000	65,000	75,000
26	83,500	79,000	81,000	83,000	84,000	73,000	76,000	81,000	61,500	67,000
28	74,000	72,000	73,500	75,500	76,500	66,000	69,000	74,000	58,500	61,000
30	65,500	65,000	66,500	68,000	69,000	59,900	62,500	68,000	55,700	55,200
32	59,000	58,600	60,000	61,500	62,500	54,800	57,600	62,500	53,100	50,500
34		53,100	54,300	55,600	56,500	50,200	53,000	57,600	50,600	46,300
36		48,000	49,300	50,500	51,400	46,100	48,800	53,000	48,100	42,400
38		44,000	45,200	46,500	47,300	42,700	45,100	48,900	45,700	39,200
40		40,400	41,600	42,800	43,600	39,500	41,600	45,100	43,300	36,200
45		33,100	34,200	35,400	36,200	32,200	34,200	37,600	37,300	30,000
50						26,600	28,600	31,900	31,900	25,100
55						22,200	24,200	27,400	27,400	20,800
60										17,100
65										14,100
70										11,600
75										
80										
85										
90										
95										
100										
105										
110										
115										
* n *	14	13	12	7	7	11	11	7	6	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 16 ft	 360°		
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STERLING CRANE

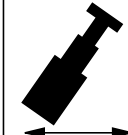



Main Boom - Outrigger 27' x 16'

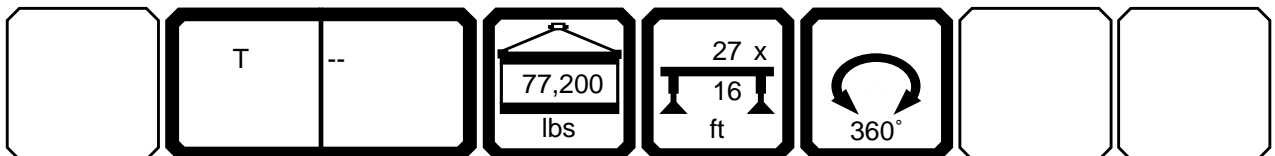
 ft	 ft > < lbs					CODE >0009<		L138 0800 .x(x)		
	82	82	82	82	82	95	95	95	95	95
9										
10										
11										
12										
13	162,000	145,000		94,000	93,000					
14	151,000	140,000	109,000	90,500	90,000	123,000	125,000			93,000
15	139,000	134,000	109,000	87,500	86,500	122,000	124,000	110,000	109,000	92,500
16	129,000	128,000	109,000	84,000	83,500	116,000	118,000	110,000	109,000	89,000
17	120,000	121,000	109,000	81,500	81,000	110,000	112,000	107,000	107,000	86,500
18	112,000	113,000	108,000	78,500	78,500	103,000	105,000	103,000	104,000	83,500
20	98,000	99,000	105,000	73,500	73,500	90,500	92,000	94,000	98,000	78,500
22	87,500	88,000	94,500	69,000	69,000	80,500	82,500	84,500	88,000	74,000
24	78,000	79,000	85,000	64,500	65,000	72,500	74,000	76,000	79,500	70,000
26	70,500	71,000	77,000	60,500	61,000	65,000	67,000	69,000	72,500	66,000
28	64,000	64,500	70,500	57,600	58,000	59,400	61,000	63,000	66,500	62,500
30	58,300	59,000	64,500	54,800	55,300	54,100	55,800	57,600	61,000	58,900
32	53,500	54,100	59,800	52,300	52,900	49,600	51,300	53,100	56,400	55,700
34	49,200	49,900	55,400	50,000	50,600	45,600	47,300	49,100	52,300	52,400
36	45,400	45,900	51,400	47,700	48,400	42,000	43,600	45,300	48,600	48,900
38	42,100	42,700	48,100	45,700	46,300	38,900	40,500	42,200	45,400	45,800
40	39,100	39,700	44,900	43,500	44,300	36,000	37,700	39,400	42,500	42,900
45	32,800	33,300	37,800	37,700	38,800	30,100	31,700	33,300	36,400	36,800
50	27,700	28,100	32,200	32,300	33,400	25,300	26,900	28,500	31,400	31,700
55	23,300	23,700	27,600	27,700	28,800	21,400	22,900	24,500	27,100	27,400
60	19,600	20,000	23,900	24,000	25,000	18,000	19,600	21,100	23,400	23,600
65	16,500	16,900	20,900	21,000	22,000	15,300	16,600	18,000	20,400	20,600
70	14,000	14,400	18,500	18,600	19,600	12,700	14,100	15,400	17,900	18,200
75						10,500	11,900	13,200	15,800	16,000
80						8,700	10,000	11,300	13,900	14,100
85						7,100	8,400	9,700	12,200	12,400
90										
95										
100										
105										
110										
115										
* n *	10	9	7	6	6	8	8	7	7	6
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	--	 77,200 lbs	 27 x 16 ft	 360°		
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STERLING CRANE

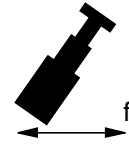


Main Boom - Outrigger 27' x 16'



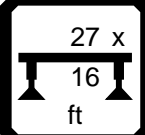



 ft	 ft > < lbs		CODE >0009< L138 0800 .x(x)							
	95	108	108	108	108	108	108	108	121	121
9										
10										
11										
12										
13										
14	67,000									
15	67,000									
16	67,000	94,000	95,500	97,500	92,500	84,000	74,500	67,000		
17	66,500	93,000	94,500	97,000	91,500	82,500	73,000	66,000		
18	65,000	90,500	92,000	95,000	90,000	80,500	71,000	64,500		
20	62,000	85,500	87,000	91,000	86,500	76,500	66,500	61,000	76,000	76,500
22	58,400	76,500	78,500	82,000	81,000	73,000	63,000	58,000	73,500	74,500
24	55,100	69,000	70,500	74,000	74,500	70,000	59,700	55,100	69,000	70,500
26	52,000	62,500	64,000	67,500	68,000	67,000	56,500	52,500	63,000	64,000
28	49,200	57,100	58,500	62,000	62,500	63,500	53,800	50,100	57,800	59,100
30	46,500	52,100	53,500	57,000	57,400	60,000	51,200	47,800	53,100	54,300
32	44,000	47,900	49,300	52,700	53,100	55,800	48,800	45,800	49,100	50,300
34	41,900	44,100	45,500	48,900	49,300	51,900	46,600	43,900	45,500	46,800
36	40,000	40,700	42,000	45,400	45,700	48,400	44,400	42,000	42,200	43,500
38	38,400	37,800	39,100	42,400	42,700	45,400	42,400	40,300	39,400	40,600
40	36,800	35,100	36,400	39,700	40,000	42,600	40,500	38,700	36,800	38,000
45	33,200	29,300	30,600	33,800	34,200	36,700	36,100	35,600	31,300	32,500
50	29,900	24,800	26,000	29,200	29,500	32,000	31,700	32,700	26,800	28,000
55	27,300	20,900	22,200	25,300	25,600	28,000	27,700	29,300	23,100	24,300
60	25,100	17,700	19,000	22,000	22,400	24,600	24,300	25,700	19,900	21,100
65	22,200	15,000	16,300	19,300	19,600	21,500	21,300	22,600	17,300	18,500
70	19,700	12,800	14,000	16,900	17,200	19,100	18,800	20,100	15,100	16,200
75	17,600	10,800	12,000	14,700	15,000	16,900	16,600	18,000	13,100	14,300
80	15,700	9,000	10,100	12,700	13,000	15,000	14,700	16,100	11,400	12,500
85	14,100	7,300	8,400	11,100	11,300	13,400	13,000	14,500	9,800	10,900
90		5,900	7,000	9,700	9,900	11,900	11,600	13,100	8,400	9,400
95		4,700	5,800	8,400	8,700	10,700	10,400	11,800	7,100	8,100
100									6,000	7,000
105									5,000	6,000
110									4,100	5,100
115										
* n *	4	6	6	6	6	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



STERLING CRANE





Main Boom - Outrigger 27' x 16'

 ft	 ft > < lbs					CODE >0009<		L138 0800 .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	65,500	60,500	51,600					
20	67,000	67,000	65,000	60,000	51,600					
22	67,000	67,000	62,000	57,400	51,600			55,300	55,100	49,600
24	66,500	66,000	59,000	54,800	50,600	59,800	59,300	54,300	54,600	48,800
26	65,500	64,000	56,400	52,500	48,700	59,400	59,300	52,200	53,500	47,200
28	61,000	59,900	54,100	50,500	46,700	55,300	56,200	50,300	51,700	45,500
30	56,400	55,600	51,800	48,500	44,600	50,900	52,600	48,500	49,800	43,700
32	52,400	51,600	49,700	46,600	42,700	47,200	48,800	46,900	48,100	42,200
34	48,800	47,900	47,700	44,900	40,900	43,800	45,400	45,300	46,000	40,700
36	45,400	44,600	45,800	43,200	39,200	40,700	42,300	43,800	43,700	39,200
38	42,600	41,800	43,300	41,600	37,600	38,000	39,600	41,500	41,000	37,900
40	40,000	39,200	40,800	40,100	36,100	35,500	37,100	39,100	38,500	36,600
45	34,400	33,600	35,200	36,000	33,100	30,200	31,800	33,800	33,200	33,600
50	29,900	29,100	30,700	31,700	30,400	26,000	27,600	29,500	28,800	30,500
55	26,100	25,300	26,900	27,900	27,800	22,400	23,900	25,800	25,200	27,300
60	22,900	22,100	23,700	24,700	25,000	19,300	20,900	22,700	22,100	24,200
65	20,200	19,500	21,100	22,000	22,300	16,700	18,300	20,100	19,500	21,500
70	18,000	17,200	18,800	19,600	19,800	14,600	16,100	18,000	17,300	19,300
75	15,900	15,200	16,700	17,400	17,600	12,600	14,200	16,000	15,400	17,400
80	14,100	13,400	14,800	15,500	15,700	10,900	12,500	14,300	13,700	15,600
85	12,300	11,700	13,100	13,900	14,100	9,500	11,000	12,800	12,200	14,000
90	10,900	10,200	11,600	12,400	12,600	8,200	9,600	11,400	10,800	12,500
95	9,600	8,900	10,300	11,100	11,300	7,000	8,400	10,000	9,500	11,200
100	8,400	7,800	9,100	10,000	10,100	5,900	7,300	8,900	8,300	10,000
105	7,400	6,700	8,100	8,900	9,100	4,900	6,200	7,800	7,300	8,900
110	6,500	5,900	7,200	8,100	8,200	4,000	5,300	6,900	6,400	8,000
115						3,200	4,500	6,100	5,600	7,200
* 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	--					
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STERLING CRANE

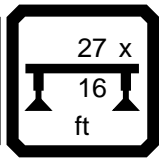
Main Boom - Outrigger 27' x 16'

 ft	 ft > < lbs					CODE >0009< L138 0800 .x(x)				
	121	121	121	121	121	135	135	135	135	135
120							3,800	5,400	4,800	6,400
125										
130										
135										
140										
* 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



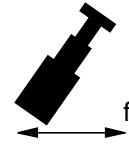


27 x
16
ft

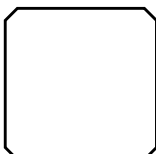

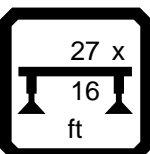

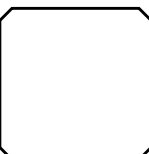
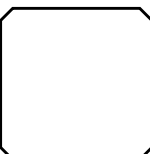


360°

STERLING CRANE





Main Boom - Outrigger 27' x 16'

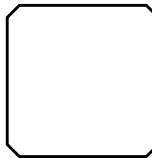

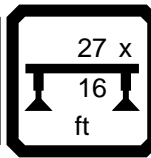

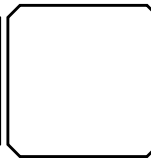
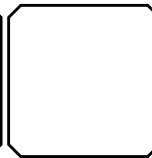
 ft	 ft > < lbs		CODE >0009<				L138 0800 .x(x)			
	148	148	148	148	161	161	174	184	56	69
9										
10										
11									52,200	
12									52,200	
13									52,200	41,000
14									52,200	40,800
15									52,200	40,700
16									52,200	40,600
17									52,200	40,500
18									52,200	40,400
20									52,200	40,200
22									52,200	40,100
24									52,200	40,100
26			45,000	43,000					52,200	40,100
28	46,700	46,300	44,100	42,400					52,200	40,100
30	46,400	46,400	43,000	41,600	37,600	37,100			52,200	40,100
32	45,000	46,200	41,500	40,300	37,700	37,100	36,400		52,200	40,100
34	42,700	44,500	40,200	39,000	38,000	37,000	36,000	29,800	50,600	40,100
36	39,700	41,700	38,900	37,800	38,300	36,900	35,300	29,800	47,900	40,100
38	37,200	39,200	37,700	36,700	36,400	36,000	34,700	29,800	44,000	40,100
40	34,800	36,800	36,500	35,600	34,400	35,000	33,700	29,600	40,400	39,200
45	29,800	31,700	32,800	32,900	29,500	31,300	29,400	28,400	33,100	32,100
50	25,600	27,600	28,900	29,100	25,600	27,600	25,600	25,300		26,600
55	22,200	24,100	25,400	25,600	22,200	24,200	22,400	22,200		22,200
60	19,200	21,100	22,400	22,600	19,300	21,300	19,600	19,400		
65	16,700	18,600	19,800	20,100	16,900	18,900	17,200	17,100		
70	14,600	16,400	17,700	17,900	14,800	16,800	15,200	15,100		
75	12,700	14,600	15,800	16,000	13,000	14,900	13,400	13,400		
80	11,100	12,900	14,100	14,300	11,300	13,300	11,800	11,800		
85	9,600	11,400	12,600	12,800	9,900	11,900	10,400	10,400		
90	8,300	10,100	11,300	11,500	8,600	10,600	9,200	9,200		
95	7,100	8,900	10,000	10,200	7,500	9,400	8,000	8,100		
100	6,100	7,900	8,900	9,000	6,500	8,300	7,000	7,100		
105	5,100	6,900	7,900	8,100	5,500	7,400	6,100	6,100		
110	4,300	6,000	7,000	7,200	4,700	6,600	5,300	5,300		
115	3,500	5,100	6,200	6,400	3,900	5,800	4,500	4,500		
* 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	--	 77,200 lbs	 27 x 16 ft	 360°		
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STERLING CRANE

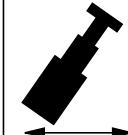


Main Boom - Outrigger 27' x 16'

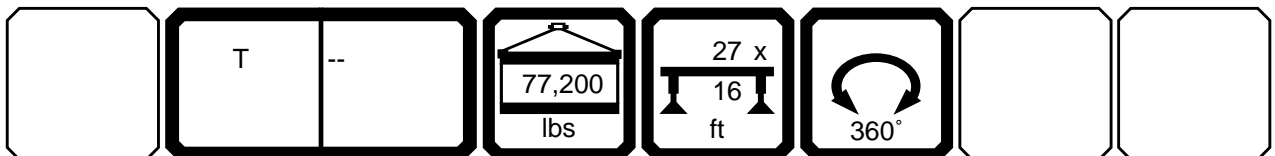
 ft	 ft > < lbs										
	CODE >0009<		L138 0800 .x(x)								
	148	148	148	148	161	161	174	184	56	69	
120		4,400	5,400	5,600	3,200	5,100	3,800	3,800			
125		3,700	4,700	4,900		4,400	3,200	3,200			
130		3,000	4,100	4,300		3,700	2,600	2,600			
135		2,500	3,600	3,700		3,200					
140						2,600					
* n *	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	28	28	36	33	

	T	--	 77,200 lbs	 27 x 16 ft	 360°		
---	---	----	--	--	---	---	---

STERLING CRANE




Main Boom - Outrigger 27' x 16'

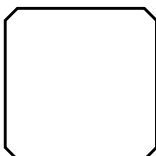

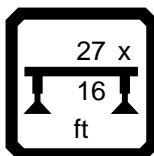

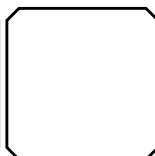
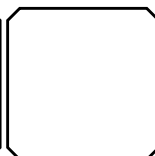
 ft	 ft > < lbs			CODE >0009<		L138 0800 .x(x)				
	82	56	69	82	95	56	95	108	82	95
9										
10										
11		55,900				59,400				
12		55,900				59,400				
13	29,600	55,900	47,300	40,100		59,300			38,200	
14	29,200	55,900	47,200	39,900	28,100	59,300	39,400		37,800	39,000
15	28,800	55,900	47,000	39,700	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	59,200	36,300	22,000	29,300	35,800
32	23,700	55,900	46,200	37,400	22,100	58,800	36,000	21,400	28,900	35,500
34	23,200	53,400	46,200	37,400	21,500	55,600	35,800	20,800	28,400	35,300
36	22,800	49,200	46,200	37,300	21,000	50,500	35,600	20,300	28,000	35,000
38	22,500	45,200	44,000	37,300	20,600	46,500	35,400	19,800	27,600	34,800
40	22,100	41,600	41,600	36,700	20,100	42,800	34,900	19,300	27,200	34,200
45	21,500	34,200	34,200	32,400	19,100	35,400	32,600	18,200	26,400	31,100
50	21,000		28,600	27,700	18,300		28,500	15,700	25,900	26,900
55	19,600		24,200	23,300	16,700		24,500	14,100	23,700	22,900
60	17,100			19,600	14,600		21,100	13,500	20,000	19,600
65	14,100			16,500	14,300		18,000	13,000	16,900	16,600
70	11,600			14,000	12,500		15,400	12,600	14,400	14,100
75					10,500		13,200	11,600		11,900
80					8,700		11,300	10,100		10,000
85					7,100		9,700	8,400		8,400
90								7,000		
95								5,800		
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

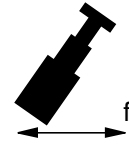



Main Boom - Outrigger 27' x 16'

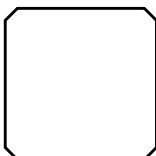

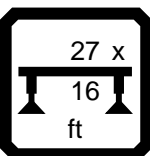

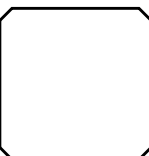
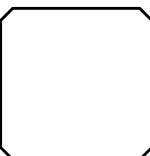
 ft	 ft > < lbs		CODE >0009< L138 0800 .x(x)							
	108	56	69	82	95	108	121	69	82	108
9										
10										
11		62,000								
12		62,000								
13		62,000	57,300	53,000				48,600	56,100	
14		62,000	57,100	52,800	45,600			48,300	55,900	
15		62,000	56,900	52,500	45,500			47,900	55,600	
16	26,600	62,000	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	61,500	55,800	47,200	42,200	35,500	21,700	43,500	52,600	41,400
32	20,800	60,000	55,800	47,000	41,900	35,200	21,100	43,100	52,100	41,000
34	20,200	56,500	54,700	46,900	41,600	34,800	20,500	42,800	50,600	40,600
36	19,700	51,400	52,900	46,800	41,400	34,500	19,900	42,500	48,400	40,300
38	19,100	47,300	48,900	46,200	41,100	32,500	19,400	42,300	46,300	39,900
40	18,400	43,600	45,100	44,900	40,400	31,100	18,900	41,600	44,300	39,300
45	15,300	36,200	37,600	37,800	36,100	30,600	17,700	37,100	38,800	36,200
50	14,100		31,900	32,200	31,400	28,300	15,300	31,900	33,400	32,000
55	13,400		27,400	27,600	27,100	25,300	13,600	27,400	28,800	28,000
60	12,800			23,900	23,400	22,000	13,000		25,000	24,600
65	12,200			20,900	20,400	19,300	12,400		22,000	21,500
70	11,800			18,500	17,900	16,900	11,900		19,600	19,100
75	10,700				15,800	14,700	11,500			16,900
80	9,000				13,900	12,700	10,900			15,000
85	7,300				12,200	11,100	9,800			13,400
90	5,900					9,700	8,400			11,900
95	4,700					8,400	7,100			10,700
100							6,000			
105							5,000			
110							4,100			
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 16 ft	 360°		
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STERLING CRANE

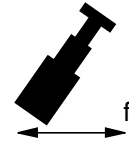


Main Boom - Outrigger 27' x 16'



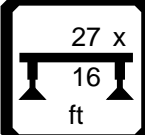



 ft	 ft > < lbs			CODE >0009<		L138 0800 .x(x)				
	121	108	121	135	95	108	121	135	95	121
9										
10										
11										
12										
13										
14					42,700				39,900	
15					42,600				39,800	
16		34,900			42,100	48,200			39,300	
17		34,100			41,600	48,000			38,800	
18	37,600	32,900	37,200		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	43,300	39,800	30,900	30,000	24,900
36	31,200	25,200	30,600	19,100	31,900	42,000	39,400	30,500	29,400	24,300
38	30,800	24,700	30,300	18,500	31,400	40,300	39,000	30,200	28,900	23,700
40	30,500	24,200	30,000	17,700	30,900	38,700	38,400	29,900	28,500	23,100
45	29,900	23,000	29,300	14,700	29,800	35,600	35,700	29,100	27,400	21,900
50	28,500	21,900	27,100	13,500	28,800	32,700	31,700	28,000	26,500	20,700
55	26,100	21,000	24,300	12,700	27,300	29,300	27,900	25,800	25,300	19,700
60	22,900	20,200	21,100	12,000	25,100	25,700	24,700	22,700	23,600	18,800
65	20,200	19,400	18,500	11,300	22,200	22,600	22,000	20,100	20,600	18,000
70	18,000	17,200	16,200	10,700	19,700	20,100	19,600	18,000	18,200	15,800
75	15,900	15,000	14,300	10,200	17,600	18,000	17,400	16,000	16,000	14,400
80	14,100	13,000	12,500	9,700	15,700	16,100	15,500	14,300	14,100	13,400
85	12,300	11,300	10,900	9,300	14,100	14,500	13,900	12,800	12,400	11,700
90	10,900	9,900	9,400	8,100		13,100	12,400	11,400		10,200
95	9,600	8,700	8,100	7,000		11,800	11,100	10,000		8,900
100	8,400		7,000	5,900			10,000	8,900		7,800
105	7,400		6,000	4,900			8,900	7,800		6,700
110	6,500		5,100	4,000			8,100	6,900		5,900
115				3,200				6,100		
* 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 16 ft	 360°		
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STERLING CRANE





Main Boom - Outrigger 27' x 16'

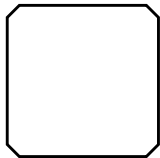

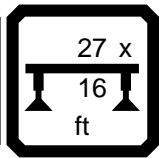

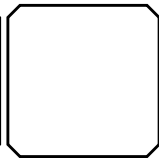
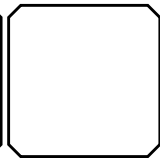
 ft	 ft > < lbs			CODE >0009<		L138 0800 .x(x)				
	135	148	121	135	148	82	108	121	135	148
9										
10										
11										
12										
13						44,600				
14						44,200				
15						43,700				
16						43,200	38,100			
17						42,800	37,800			
18			36,000			42,300	37,300	43,300		
20			35,900			41,500	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	37,700	29,800	35,900	27,500	38,700	23,000	29,400
40	29,400	17,300	26,300	36,600	29,400	35,200	26,900	38,000	22,400	29,100
45	28,600	14,400	25,000	33,600	28,600	32,500	25,700	34,800	21,100	28,200
50	26,600	13,100	23,900	30,500	27,500	30,600	24,600	30,700	19,900	26,500
55	23,900	12,300	22,800	27,300	25,400	27,700	23,700	26,900	18,800	24,100
60	20,900	11,500	21,900	24,200	22,400	24,000	22,700	23,700	17,600	21,100
65	18,300	10,800	21,000	21,500	19,800	21,000	21,100	21,100	15,100	18,600
70	16,100	10,200	19,500	19,300	17,700	18,600	18,800	18,800	14,300	16,400
75	14,200	9,600	17,600	17,400	15,800		16,600	16,700	13,700	14,600
80	12,500	9,100	15,700	15,600	14,100		14,700	14,800	13,000	12,900
85	11,000	8,600	14,100	14,000	12,600		13,000	13,100	12,100	11,400
90	9,600	8,000	12,600	12,500	11,300		11,600	11,600	10,800	10,100
95	8,400	7,100	11,300	11,200	10,000		10,400	10,300	9,500	8,900
100	7,300	6,100	10,100	10,000	8,900			9,100	8,300	7,900
105	6,200	5,100	9,100	8,900	7,900			8,100	7,300	6,900
110	5,300	4,300	8,200	8,000	7,000			7,200	6,400	6,000
115	4,500	3,500		7,200	6,200				5,600	5,100
* 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 16 ft	 360°		
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STERLING CRANE

Main Boom - Outrigger 27' x 16'

 ft	 ft > < lbs			CODE >0009< L138 0800 .x(x)						
	135	148	121	135	148	82	108	121	135	148
120	3,800			6,400	5,400				4,800	4,400
125					4,700					3,700
130					4,100					3,000
135					3,600					2,500
140										
* 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 16 ft	 360°		
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