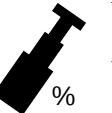


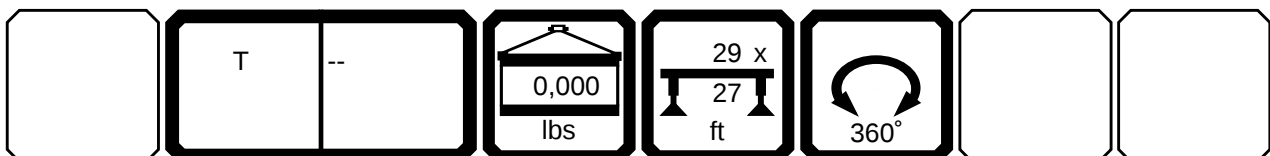


LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1200/1 - 250 TON CAPACITY

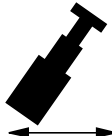
Main Boom - Outriggers 29' x 27'

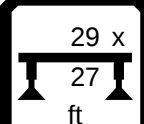
 ft	 ft > < lbs	CODE >0010< L133 0900 .x(x)									
	43	59	59	59	72	72	72	85	85	85	
9	299,000										
10	296,000										
11	278,000	259,000									
12	262,000	255,000	139,000	125,000							
13	246,000	246,000	139,000	125,000	214,000		112,000	181,000	184,000		
14	231,000	222,000	140,000	126,000	193,000	125,000	112,000	165,000	167,000	124,000	
15	216,000	198,000	141,000	127,000	170,000	125,000	112,000	147,000	149,000	124,000	
16	199,000	176,000	142,000	127,000	153,000	125,000	111,000	133,000	135,000	124,000	
17	181,000	159,000	139,000	128,000	139,000	124,000	109,000	122,000	124,000	121,000	
18	164,000	145,000	134,000	128,000	128,000	122,000	106,000	111,000	113,000	116,000	
20	132,000	119,000	122,000	125,000	105,000	116,000	99,000	91,500	93,500	105,000	
22	111,000	99,500	104,000	106,000	89,000	99,000	93,000	78,000	79,500	90,500	
24	93,000	84,000	88,000	90,500	75,500	85,000	85,000	66,500	68,000	78,500	
26	79,000	72,000	75,500	77,500	65,000	74,000	74,500	57,400	58,900	68,500	
28	68,500	63,000	66,500	68,500	57,100	65,500	66,000	50,500	51,900	61,000	
30	58,900	55,100	58,200	60,500	50,100	58,300	58,800	44,200	45,500	54,500	
32	50,800	48,900	51,900	53,900	44,500	52,400	52,900	39,200	40,500	49,200	
34		43,600	46,500	48,300	39,700	47,400	47,800	34,800	36,100	44,500	
36		39,000	41,700	43,300	35,400	42,900	43,300	30,900	32,100	40,400	
38		35,100	37,400	38,900	31,900	39,200	39,700	27,700	28,900	37,000	
40		31,500	33,500	34,900	28,800	35,900	36,300	24,900	26,000	33,900	
45		24,000	25,800	27,200	22,500	29,000	29,300	19,000	20,000	27,700	
50					17,600	23,500	23,800	14,500	15,500	22,900	
55					13,600	19,000	19,200	10,800	11,800	18,900	
60									8,800	15,500	
65									6,400	12,600	
70										10,300	
75											
80											
85											
90											
95											
100											
* n *	14!	13	7	6	10	6	5	9	9	6	
 %	1	0+	0+	0+	0+	0+	0+	46+	0+	0+	
	2	0+	0+	0+	0+	46+	0+	0+	46+	92+	0+
	3	0+	46+	0+	0+	46+	0+	0+	46+	46+	46+
	4	0+	0+	46+	0+	0+	46+	0+	0+	0+	46+
	5	0+	0+	0+	46+	0+	46+	92+	0+	0+	46+
 ft/s	36	36	36	36	33	33	33	33	33	33	
TAB 133	037	037	037	037	037	037	037	037	037	037	



STERLING CRANE

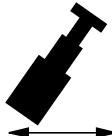
Main Boom - Outriggers 29' x 27'

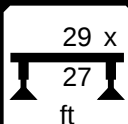
 ft	 ft > < lbs		CODE >0010< L133 0900 .x(x)							
	85	85	98	98	98	98	98	98	115	115
9										
10										
11										
12										
13	112,000	112,000								
14	112,000	112,000	131,000	134,000	137,000		121,000	91,500		
15	112,000	112,000	129,000	132,000	135,000	124,000	121,000	91,500		
16	112,000	112,000	117,000	120,000	124,000	124,000	118,000	91,500	101,000	104,000
17	111,000	110,000	107,000	110,000	114,000	119,000	113,000	90,500	96,000	99,000
18	108,000	107,000	97,500	101,000	104,000	110,000	107,000	89,000	88,500	91,500
20	101,000	100,000	80,000	83,000	87,000	94,000	94,500	86,000	73,500	76,500
22	89,500	91,000	68,500	71,500	75,000	81,500	82,000	81,500	63,500	66,000
24	79,500	81,500	58,800	61,500	64,500	71,000	71,500	75,500	54,800	57,300
26	69,500	71,500	50,700	53,200	56,400	62,500	63,000	67,000	47,500	50,000
28	62,000	64,000	44,500	47,000	50,000	55,700	56,400	60,500	41,900	44,300
30	55,300	57,400	38,900	41,300	44,200	49,700	50,400	54,400	36,800	39,100
32	50,000	52,000	34,400	36,700	39,500	44,900	45,600	49,400	32,600	34,800
34	45,300	47,200	30,400	32,700	35,500	40,700	41,300	45,100	28,900	31,100
36	41,100	43,000	26,800	29,000	31,800	36,900	37,500	41,100	25,600	27,700
38	37,700	39,600	23,900	26,100	28,700	33,700	34,300	37,900	22,900	24,900
40	34,600	36,400	21,200	23,400	26,000	30,900	31,500	35,000	20,300	22,400
45	28,300	30,100	15,800	17,800	20,300	25,000	25,600	28,900	15,100	17,100
50	23,400	25,200	11,500	13,500	15,900	20,500	21,000	24,300	11,100	13,000
55	19,400	21,000		10,000	12,300	16,800	17,300	20,500		9,600
60	15,900	17,400			9,400	13,700	14,200	17,300		
65	13,000	14,500			7,000	11,300	11,800	14,700		
70	10,700	12,100				9,200	9,700	12,300		
75						7,400	7,800	10,300		
80						5,700	6,100	8,600		
85						4,300	4,700	7,100		
90										
95										
100										
* n *	5	5	6	6	7	6	6	4	5	5
1	0+	0+	92+	46+	46+	0+	0+	0+	92+	92+
2	0+	0+	46+	92+	46+	46+	0+	0+	92+	46+
3	0+	0+	46+	46+	46+	46+	92+	0+	46+	46+
4	92+	46+	0+	0+	46+	46+	46+	92+	0+	46+
5	46+	92+	0+	0+	0+	46+	46+	92+	0+	0+
 ft/s	33	33	28	28	28	28	28	28	28	28
TAB 133	037	037	037	037	037	037	037	037	037	037

	T	--	 0,000 lbs	 29 x 27 ft	 360°		
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STERLING CRANE

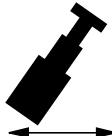
Main Boom - Outriggers 29' x 27'

 ft	 ft > < lbs		CODE >0010< L133 0900 .x(x)							
	128	128	141	141	141	141	141	157	157	157
9										
10										
11										
12										
13										
14										
15										
16										
17										
18	81,500	68,500								
20	80,500	68,500								
22	72,500	68,500	55,500	58,200	62,500	61,500	64,500			
24	65,000	65,000	52,300	55,000	59,000	58,200	61,500			
26	58,000	58,900	46,200	48,900	52,700	51,900	54,900	43,100	46,700	48,900
28	52,500	53,400	41,400	43,900	47,700	46,900	49,800	39,400	42,800	45,000
30	47,400	48,300	36,900	39,400	43,100	42,300	45,200	35,300	38,700	40,800
32	43,200	44,100	33,200	35,700	39,300	38,500	41,300	31,800	35,200	37,200
34	39,500	40,400	30,000	32,400	35,900	35,100	37,800	28,800	32,000	34,100
36	36,200	37,000	27,000	29,400	32,700	32,000	34,700	26,000	29,100	31,200
38	33,400	34,200	24,500	26,800	30,200	29,400	32,100	23,600	26,700	28,700
40	30,800	31,600	22,200	24,500	27,800	27,000	29,600	21,400	24,500	26,500
45	25,500	26,200	17,400	19,600	22,800	22,000	24,600	16,900	19,900	21,700
50	21,300	22,000	13,600	15,700	18,800	18,100	20,600	13,200	16,100	18,000
55	17,800	18,500	10,400	12,500	15,500	14,800	17,300	10,200	13,000	14,900
60	15,000	15,600		9,900	12,800	12,100	14,500		10,400	12,200
65	12,600	13,200		7,700	10,500	9,800	12,200		8,300	10,000
70	10,600	11,300			8,700	7,900	10,300		6,500	8,200
75	8,900	9,500			7,000	6,300	8,600			6,600
80	7,400	8,000					7,100			
85	6,100	6,700					5,800			
90	5,000	5,600								
95										
100										
* n *	4	3	3	3	3	3	3	2	3	3
1	0+	0+	92+	46+	46+	0+	0+	92+	46+	46+
2	46+	0+	92+	92+	46+	92+	46+	92+	92+	46+
3	46+	92+	46+	92+	46+	92+	92+	92+	92+	92+
4	92+	92+	46+	46+	92+	92+	92+	46+	92+	92+
5	92+	92+	46+	46+	92+	46+	92+	46+	46+	92+
 ft/s	28	28	28	28	28	28	28	28	28	28
TAB 133	037	037	037	037	037	037	037	037	037	037

	T	--	 0,000 lbs	 29 x 27 ft	 360°		
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STERLING CRANE

Main Boom - Outriggers 29' x 27'

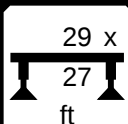
 ft	 ft > < lbs					CODE >0010<		L133 0900 .x(x)		
	157	171	171	184	197	59	72	85	98	59
9										
10										
11						71,000				75,500
12						71,000				75,500
13						71,000	60,500	51,800		75,500
14						71,000	60,000	51,600	36,000	75,500
15						71,000	60,000	51,300	35,900	75,500
16						71,000	59,800	51,100	35,300	75,500
17						71,000	59,700	50,800	34,800	75,500
18						71,000	59,500	50,600	34,300	75,500
20						71,000	59,300	50,100	33,300	75,500
22						71,000	59,100	49,700	32,400	75,500
24						71,000	58,900	49,400	31,500	75,000
26	49,600					70,500	58,800	49,100	30,600	74,000
28	45,700	35,500	38,700			63,000	54,800	47,100	29,800	66,500
30	41,400	34,800	37,900			55,100	50,100	44,200	29,100	58,200
32	37,800	31,500	34,600	30,400		48,900	44,500	39,200	28,400	51,900
34	34,600	28,600	31,700	28,900		43,600	39,700	34,800	27,600	46,500
36	31,700	26,000	29,000	26,400	25,200	39,000	35,400	30,900	26,700	41,700
38	29,300	23,700	26,700	24,200	23,300	35,100	31,900	27,700	23,900	37,400
40	27,000	21,700	24,600	22,200	21,400	31,500	28,800	24,900	21,200	33,500
45	22,300	17,300	20,100	18,000	17,400	24,000	22,500	19,000	15,800	25,800
50	18,500	13,800	16,500	14,600	14,100		17,600	14,500	11,500	
55	15,300	10,800	13,500	11,800	11,300		13,600	10,800		
60	12,700	8,400	11,000	9,400	9,000					
65	10,500	6,300	8,900	7,400	7,000					
70	8,600		7,200							
75	7,000									
80										
85										
90										
95										
100										
* n *	3	2	2	2	2	4	3	3	2	4
1	0+	92+	46+	92+	100+	0+	0+	46-	92-	0+
2	92+	92+	92+	92+	100+	0+	46-	46+	46+	0+
3	92+	92+	92+	92+	100+	46-	46+	46+	46+	0+
4	92+	92+	92+	92+	100+	0+	0+	0+	0+	46-
5	92+	46+	92+	92+	100+	0+	0+	0+	0+	0+
%										
ft/s	28	28	28	28	28	36	33	33	28	36
TAB 133	037	037	037	037	037	037	037	037	037	037

T

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0,000
lbs



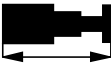
29 x
27
ft

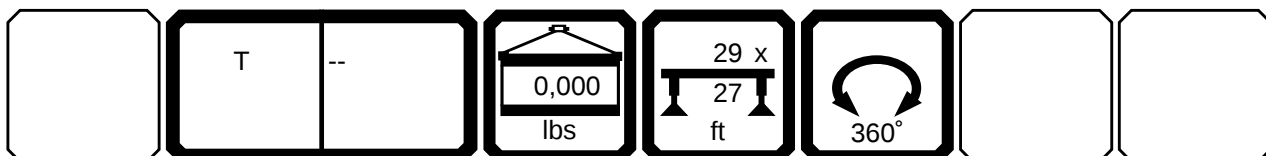


360°

STERLING CRANE

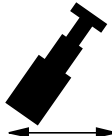
Main Boom - Outriggers 29' x 27'

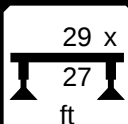
 ft	 ft > < lbs		CODE >0010< L133 0900 .x(x)							
	98	115	85	98	115	59	72	85	98	115
9										
10										
11						79,000				
12						79,000				
13			47,800			79,000	73,000	64,000		
14	50,900		47,200	50,500		79,000	72,500	64,000	58,300	
15	50,800		46,100	50,400		79,000	72,500	63,500	58,200	
16	50,500	34,600	43,300	50,100	34,100	79,000	72,500	63,000	57,900	49,900
17	50,200	34,300	41,900	49,700	33,800	79,000	72,000	63,000	57,600	49,700
18	49,900	33,700	41,400	49,400	33,200	79,000	72,000	62,500	57,300	49,400
20	49,300	32,700	40,500	48,800	32,100	79,000	71,500	62,000	56,600	48,800
22	48,800	31,700	39,600	48,300	31,100	79,000	71,500	61,500	56,100	48,200
24	48,300	30,800	38,700	47,800	30,200	78,000	71,000	61,000	55,500	47,600
26	47,800	29,900	38,000	47,300	29,200	76,500	71,000	61,000	55,000	47,000
28	46,500	29,100	37,200	44,600	28,400	68,500	65,000	58,100	52,800	46,000
30	44,200	28,200	36,500	41,300	27,500	60,500	58,300	54,500	49,700	44,200
32	39,500	27,500	35,900	36,700	26,800	53,900	52,400	49,200	44,900	39,800
34	35,500	26,800	34,300	32,700	26,000	48,300	47,400	44,500	40,700	36,000
36	31,800	26,100	32,000	29,000	25,300	43,300	42,900	40,400	36,900	32,500
38	28,700	24,300	28,900	26,100	22,800	38,900	39,200	37,000	33,700	29,600
40	26,000	22,400	26,000	23,400	20,300	34,900	35,900	33,900	30,900	27,000
45	20,300	17,100	20,000	17,800	15,100	27,200	29,000	27,700	25,000	21,600
50	15,900	13,000	15,500	13,500	11,100		23,500	22,900	20,500	17,300
55	12,300	9,600	11,800	10,000			19,000	18,900	16,800	13,800
60	9,400		8,800					15,500	13,700	11,000
65	7,000		6,400					12,600	11,300	8,600
70								10,300	9,200	6,700
75									7,400	
80									5,700	
85									4,300	
90										
95										
100										
* n *	3	2	3	3	2	4	4	3	3	3
1	46-	92-	0+	46-	92-	0+	0+	0+	0+	46-
2	46-	46+	92-	92+	92+	0+	0+	0+	46-	46+
3	46-	46+	46+	46+	46+	0+	0+	46-	46+	46+
4	46+	46+	0+	0+	0+	0+	46-	46+	46+	46+
5	0+	0+	0+	0+	0+	46-	46+	46+	46+	46+
 ft/s	28	28	33	28	28	36	33	33	28	28
TAB 133	037	037	037	037	037	037	037	037	037	037



STERLING CRANE

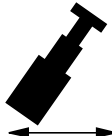
Main Boom - Outriggers 29' x 27'

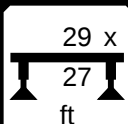
 ft	 ft > < lbs CODE >0010< L133 0900 .x(x)									
	128	72	85	115	128	115	128	141	98	115
9										
10										
11										
12										
13		60,000	71,500							
14		59,500	71,000						52,500	
15		59,000	71,000						52,300	
16		58,400	70,500	57,200		40,300			51,600	61,500
17		57,900	70,000	57,000		39,900			50,900	61,000
18	32,600	57,500	70,000	56,600	48,700	39,400	48,200		50,300	61,000
20	32,400	56,500	69,000	55,900	48,600	38,300	48,000		49,000	60,000
22	31,400	55,700	66,000	55,300	47,900	37,200	47,400	30,100	47,900	59,400
24	30,500	54,900	64,500	54,700	47,300	36,300	45,400	29,600	45,800	58,700
26	29,500	54,100	64,500	54,000	46,700	35,300	42,300	28,700	42,800	58,000
28	28,700	53,400	61,000	51,900	44,000	34,500	41,500	27,800	41,700	55,200
30	27,900	52,600	57,400	49,100	41,300	33,600	40,300	26,900	40,900	51,700
32	27,100	51,100	52,000	44,600	39,300	32,800	36,900	26,100	40,100	47,100
34	26,300	47,800	47,200	40,600	36,500	32,000	33,600	25,300	39,300	43,100
36	25,600	43,300	43,000	37,000	33,200	31,300	30,400	24,500	38,600	39,400
38	24,800	39,700	39,600	34,100	30,500	29,600	27,700	23,500	36,900	36,400
40	23,700	36,300	36,400	31,400	28,000	27,700	25,200	22,200	35,000	33,700
45	18,500	29,300	30,100	25,700	22,700	22,300	20,100	17,400	28,900	28,000
50	14,600	23,800	25,200	21,400	18,600	18,000	16,100	13,600	24,300	23,500
55	11,300	19,200	21,000	17,800	15,200	14,500	12,700	10,400	20,500	19,900
60	8,500		17,400	14,800	12,400	11,600	10,000		17,300	16,800
65	6,300		14,500	12,400	10,100	9,200	7,700		14,700	14,400
70			12,100	10,400	8,200	7,200			12,300	12,300
75				8,600	6,500				10,300	10,500
80				7,100					8,600	8,900
85				5,800					7,100	7,400
90										6,100
95										5,000
100										4,100
* n *	2	3	4	3	3	2	3	2	3	3
1	92-	0+	0+	0+	46-	0+	46-	92-	0+	0+
2	46+	0+	0+	46-	46+	92-	92+	92+	0+	0+
3	46+	0+	0+	46-	46+	46+	46+	46+	0+	46-
4	46+	0+	46-	46+	46+	46+	46+	46+	92-	92+
5	46+	92-	92+	92+	92+	46+	46+	46+	92+	92+
 ft/s	28	33	33	28	28	28	28	28	28	28
TAB 133	037	037	037	037	037	037	037	037	037	037

	T	--	 0,000 lbs	 29 x 27 ft	 360°		
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STERLING CRANE

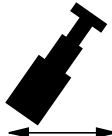
Main Boom - Outriggers 29' x 27'

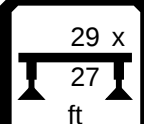
 ft	 ft > < lbs			CODE >0010<			L133 0900 .x(x)			
	128	141	98	128	141	157	128	141	157	85
9										
10										
11										
12										
13										55,100
14			49,400							54,500
15			49,200							53,900
16			48,600							53,300
17			47,900							52,700
18	55,500		47,300	37,700			41,300			52,100
20	55,400		45,800	37,500			41,100			51,000
22	54,700	47,300	42,700	36,400	46,600		40,000	53,800		49,900
24	54,000	47,000	40,800	35,400	45,000		38,900	53,400		48,900
26	53,300	46,300	39,900	34,400	41,900	28,100	37,900	52,700	41,600	48,000
28	50,600	43,600	39,000	33,500	40,900	27,300	37,000	49,100	41,200	47,100
30	47,400	40,800	38,200	32,600	39,400	26,500	36,100	45,200	40,000	45,800
32	43,200	38,600	37,500	31,700	35,700	25,600	35,200	41,300	37,000	43,200
34	39,500	35,900	36,700	30,900	32,400	24,800	34,400	37,800	34,100	41,700
36	36,200	32,700	36,000	30,200	29,400	24,000	33,600	34,700	31,200	40,900
38	33,400	30,200	33,800	28,700	26,800	21,400	32,800	32,100	28,700	37,700
40	30,800	27,800	31,500	27,100	24,500	19,100	31,600	29,600	26,500	34,600
45	25,500	22,800	25,600	21,900	19,600	16,500	26,200	24,600	21,700	28,300
50	21,300	18,800	21,000	17,800	15,700	13,200	22,000	20,600	18,000	23,400
55	17,800	15,500	17,300	14,400	12,500	10,200	18,500	17,300	14,900	19,400
60	15,000	12,800	14,200	11,600	9,900		15,600	14,500	12,200	15,900
65	12,600	10,500	11,800	9,300	7,700		13,200	12,200	10,000	13,000
70	10,600	8,700	9,700	7,300			11,300	10,300	8,200	10,700
75	8,900	7,000	7,800				9,500	8,600	6,600	
80	7,400		6,100				8,000	7,100		
85	6,100		4,700				6,700	5,800		
90	5,000						5,600			
95										
100										
* n *	3	3	3	2	3	2	2	3	2	3
1	0+	46-	0+	0+	46-	92-	0+	0+	46-	0+
2	46-	46+	0+	92-	92+	92+	0+	46-	46+	0+
3	46+	46+	92-	92+	92+	92+	92-	92+	92+	0+
4	92+	92+	46+	46+	46+	46+	92+	92+	92+	92-
5	92+	92+	46+	46+	46+	46+	92+	92+	92+	46+
%										
ft/s	28	28	28	28	28	28	28	28	28	33
TAB 133	037	037	037	037	037	037	037	037	037	037

	T	--	 0,000 lbs	 29 x 27 ft	 360°		
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STERLING CRANE

Main Boom - Outriggers 29' x 27'

 ft	 ft > < lbs CODE >0010< L133 0900 .x(x)									
	115	128	141	157	171	157	171	184	197	
9										
10										
11										
12										
13										
14										
15										
16	47,100									
17	46,100									
18	44,400	55,300								
20	41,500	55,200								
22	40,500	54,400	35,400							
24	39,400	53,700	34,900							
26	38,500	53,000	33,900	41,300		33,400				
28	37,600	49,600	32,900	40,400	26,300	32,500	38,700			
30	36,700	45,800	32,000	38,700	26,100	31,600	37,900			
32	35,900	41,600	31,200	35,200	25,300	30,700	34,600	25,100		
34	35,100	38,000	30,300	32,000	24,500	29,900	31,700	24,600		
36	34,300	34,700	29,500	29,100	23,700	29,100	29,000	23,800	15,700	
38	32,800	31,900	28,400	26,700	21,100	28,200	26,700	21,200	15,200	
40	31,100	29,300	27,000	24,500	18,900	27,000	24,600	19,200	14,600	
45	25,500	24,100	22,000	19,900	16,900	22,300	20,100	17,500	13,200	
50	21,100	19,900	18,100	16,100	13,800	18,500	16,500	14,600	12,000	
55	17,500	16,500	14,800	13,000	10,800	15,300	13,500	11,800	10,600	
60	14,600	13,600	12,100	10,400	8,400	12,700	11,000	9,400	9,000	
65	12,100	11,300	9,800	8,300	6,300	10,500	8,900	7,400	7,000	
70	10,100	9,300	7,900	6,500		8,600	7,200			
75	8,400	7,600	6,300			7,000				
80	6,900	6,200								
85	5,500	4,900								
90										
95										
100										
* n *	3	3	2	2	2	2	2	2	1	
1	0+	0+	0+	46-	92-	0+	46-	92-	100-	
2	0+	46-	92-	92+	92+	92-	92+	92-	100-	
3	92-	92+	92+	92+	92+	92+	92+	92-	100-	
4	92+	92+	92+	92+	92+	92+	92+	92-	100-	
5	46+	46+	46+	46+	46+	92+	92+	92-	100-	
%										
ft/s	28	28	28	28	28	28	28	28	28	
TAB 133	037	037	037	037	037	037	037	037	037	

	T	--	 0,000 lbs	 29 x 27 ft	 360°		
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