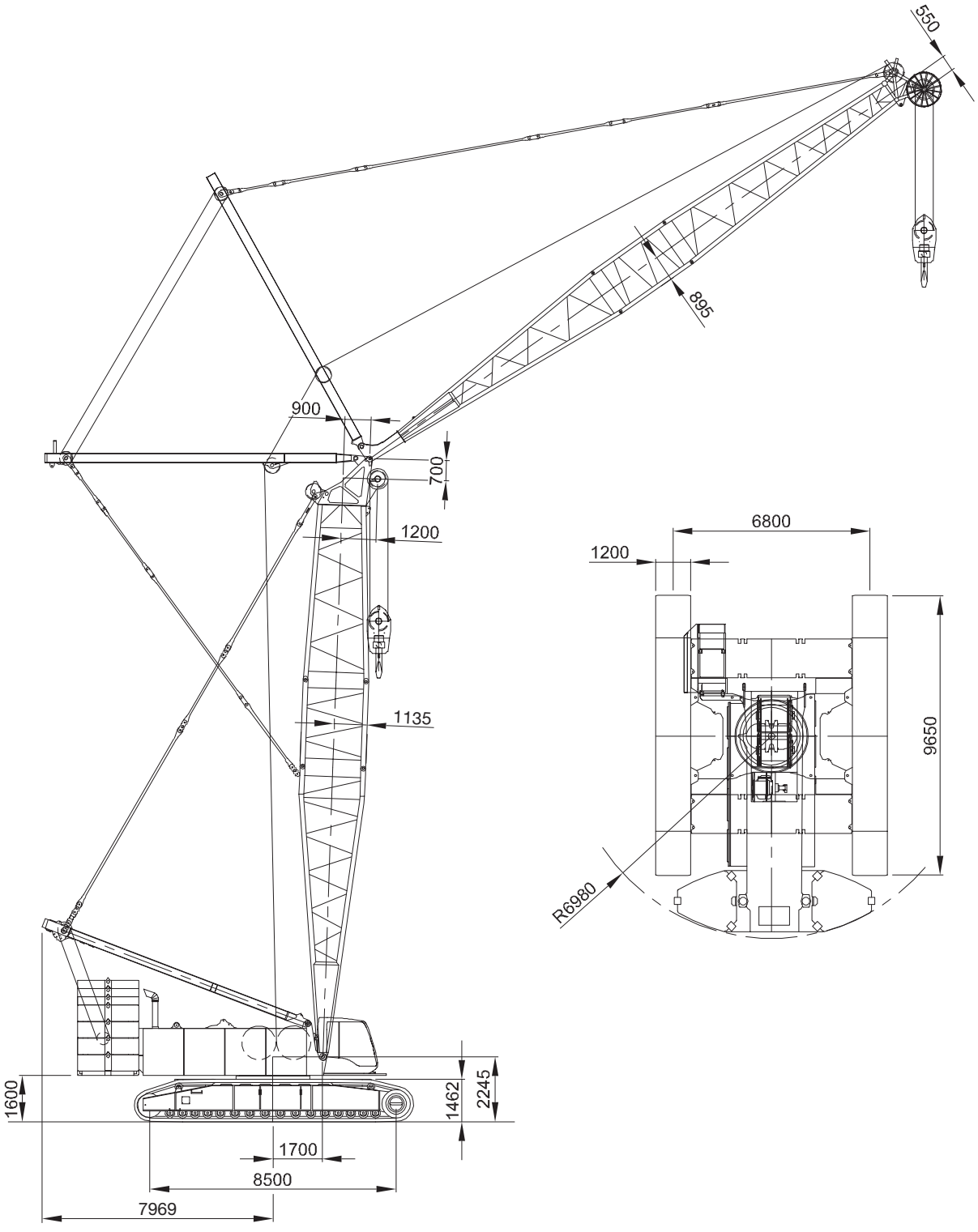
LIEBHERR LR 1300

DIMENSIONS



Dimensions are in millimeters.
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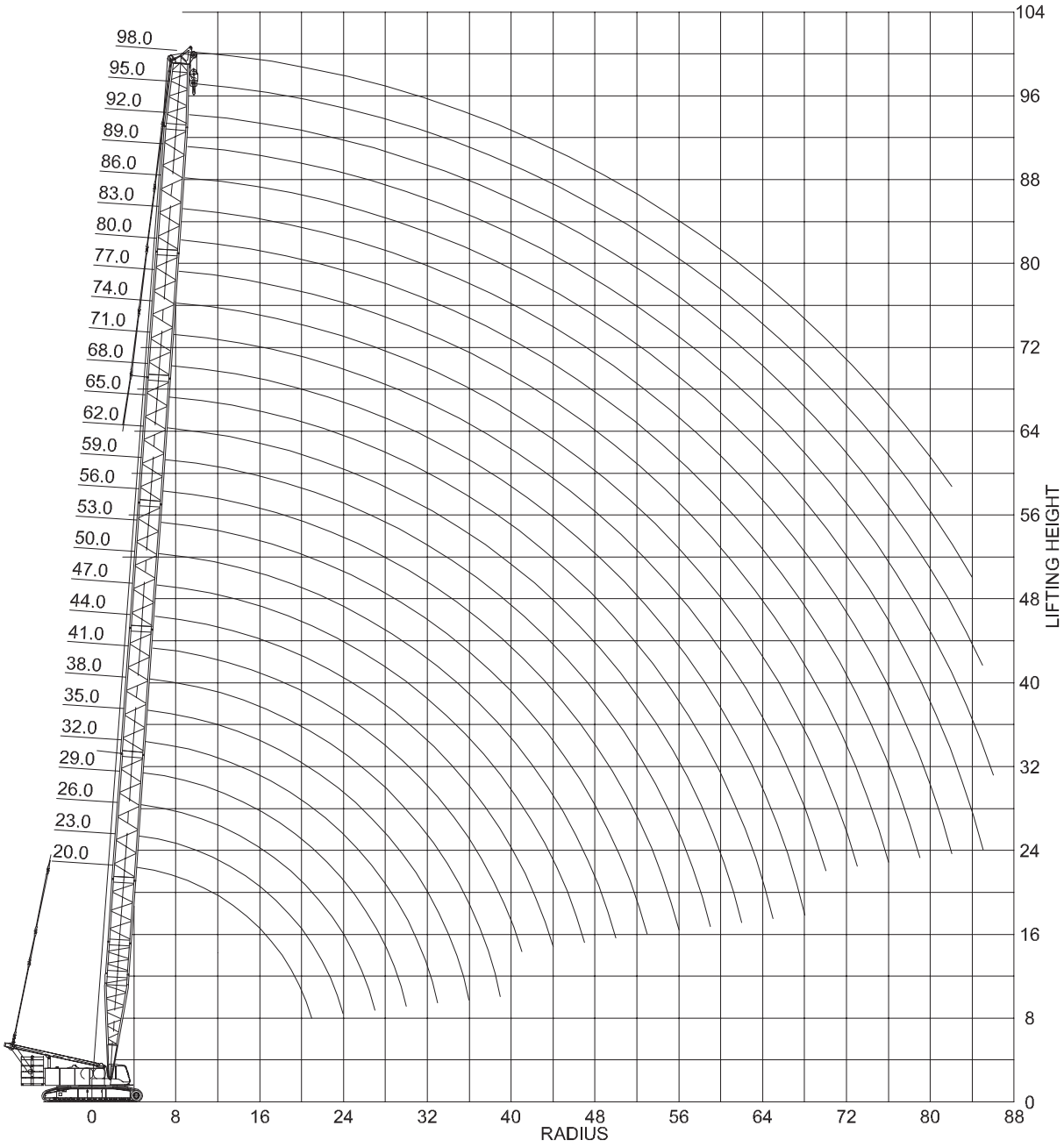
Version 1, 2015-11-06, SAP No. 4000108332

LIEBHERR LR 1300

RADIUS DIAGRAM FOR S



Dimensions are in meters.
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Main boom

- Crawler base: 8.5×6.8 m
- Ballast: 124 t + 57 t

Boom length (m)	Radius (m)																														
	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	54	58	62	66	70	74	78	82	86
20			137	116	99.7	86	74.3																								
23			137	116	99.8	86.2	74.7	65.6	58.2																						
26			135	115	99.5	86.2	74.7	65.6	58.3	52.3																					
29			134	115	99.7	86.3	74.9	65.8	58.6	52.6	47.5	43.1																			
32		157	133	113	98.5	86.2	74.7	65.7	58.4	52.4	47.4	43.1	39.4																		
35		155	130	112	97.2	86.1	74.6	65.6	58.3	52.4	47.4	43.1	39.4	36.2	15.1																
38		153	128	111	96.1	84.7	74.4	65.4	58.1	52.1	47.1	42.9	39.2	36	33.2	30.6															
41		150	127	109	95.5	84	74.4	65.4	58.1	52.1	47.1	42.9	39.2	36	33.2	30.7	28.4														
44		146	125	107	94.4	83.1	74	65.1	57.9	51.9	46.9	42.6	39	35.8	33	30.5	28.2	26.2	24.4												
47	174	144	123	106	92.9	82.4	73.4	64.9	57.7	51.7	46.7	42.4	38.8	35.6	32.8	30.3	28.1	26.1	24.3	22.6											
50	170	141	120	104	90.6	80.9	72.1	64.7	57.4	51.4	46.4	42.2	38.5	35.3	32.5	30	27.8	25.8	24	22.4	20.9	19.5									
53	166	139	118	102	89	79.2	71.1	64	57.3	51.3	46.3	42	38.4	35.2	32.4	29.9	27.7	25.7	23.9	22.3	20.8	19.5									
56	162	136	115	100	87.3	77.2	69.6	63	57	51.1	46	41.8	38.1	34.9	32.1	29.7	27.4	25.5	23.7	22	20.6	19.2	16.8								
59	160	133	113	98.7	86.1	76	68.5	61.9	56.2	50.8	45.8	41.5	37.9	34.7	31.9	29.4	27.2	25.2	23.5	21.8	20.4	19	16.6	14.6							
62	150	129	110	95.6	84.2	74.4	66.7	60.8	55.4	50.6	45.5	41.3	37.6	34.4	31.6	29.1	26.9	24.9	23.2	21.5	20.1	18.7	16.4	14.4	12.5						
65	137	124	108	92.9	82.3	72.8	65.1	59.2	54.1	49.6	45.4	41.1	37.4	34.2	31.4	29	26.8	24.8	23	21.4	19.9	18.5	16.2	14.2	12.4						
68	128	118	105	90.8	80.7	71.5	63.9	57.9	53.1	48.7	44.9	40.8	37.1	34	31.2	28.7	26.5	24.5	22.7	21.1	19.6	18.2	15.9	13.9	12.2	10.5					
71	118	112	102	87.9	78	69.6	62.2	56.2	51.6	47.5	43.8	40.6	36.9	33.7	30.9	28.4	26.2	24.2	22.4	20.8	19.3	18	15.7	13.7	11.9	10.3	8.9				
74		105	96.1	84.1	75.1	67.9	60.9	55.1	50.5	46.5	42.9	39.6	36.6	33.4	30.6	28.1	25.9	23.9	22.1	20.5	19	17.7	15.4	13.4	11.6	10	8.6				
77		103	96.8	85.2	74.8	67.2	60.3	54.5	49.8	46.1	42.6	39.3	36.2	33.2	30.4	27.9	25.7	23.7	21.9	20.3	18.8	17.5	15.2	13.2	11.4	9.8	8.4	7			
80		96.5	90.9	82.3	72.7	65.8	59.2	53.4	48.6	44.8	41.4	38.3	35.5	32.8	30.1	27.6	25.4	23.4	21.6	20	18.5	17.2	14.9	12.9	11.1	9.5	8.1	6.7	5.4		
83		89.9	85.1	78.9	70.3	63.7	58	52.4	47.7	43.8	40.6	37.6	34.9	32.2	29.8	27.4	25.2	23.2	21.4	19.8	18.3	16.9	14.7	12.7	10.9	9.2	7.8	6.4	5.1	3.9	
86		83.6	79.5	74.8	67.4	61.7	56.8	51.3	46.5	42.6	39.5	36.5	33.8	31.3	29.1	27	24.8	22.9	21.1	19.4	18	16.6	14.4	12.3	10.5	8.9	7.4	6	4.7	3.5	
89		78.8	75.4	71.9	64.7	59.1	54.9	49.8	45.3	41.4	38.3	35.6	33.1	30.8	28.6	26.5	24.5	22.6	20.8	19.2	17.7	16.4	14.1	12.1	10.3	8.7	7.1	5.7	4.4	3.3	2.2
92		73.1	70.8	67.7	62.2	57.1	53.2	48.8	44.4	40.6	37.3	34.7	32.2	29.9	27.8	25.9	24	22.2	20.5	18.9	17.4	16.1	13.8	11.8	10	8.3	6.7	5.3	4	2.9	
95		67.8	66.1	63.2	59	54.5	51	47.6	43.3	39.5	36.3	33.7	31.4	29.2	27.2	25.3	23.4	21.7	20.1	18.6	17.2	15.8	13.5	11.5	9.7	8	6.4	5	3.7	2.5	
98		63.7	62.7	59.8	57	52.6	49	46.3	42.1	38.5	35.3	32.6	30.4	28.3	26.4	24.6	22.9	21.2	19.6	18.1	16.8	15.5	13.2	11.2	9.3	7.5	5.9	4.5	3.3	2.1	

t = metric tons.
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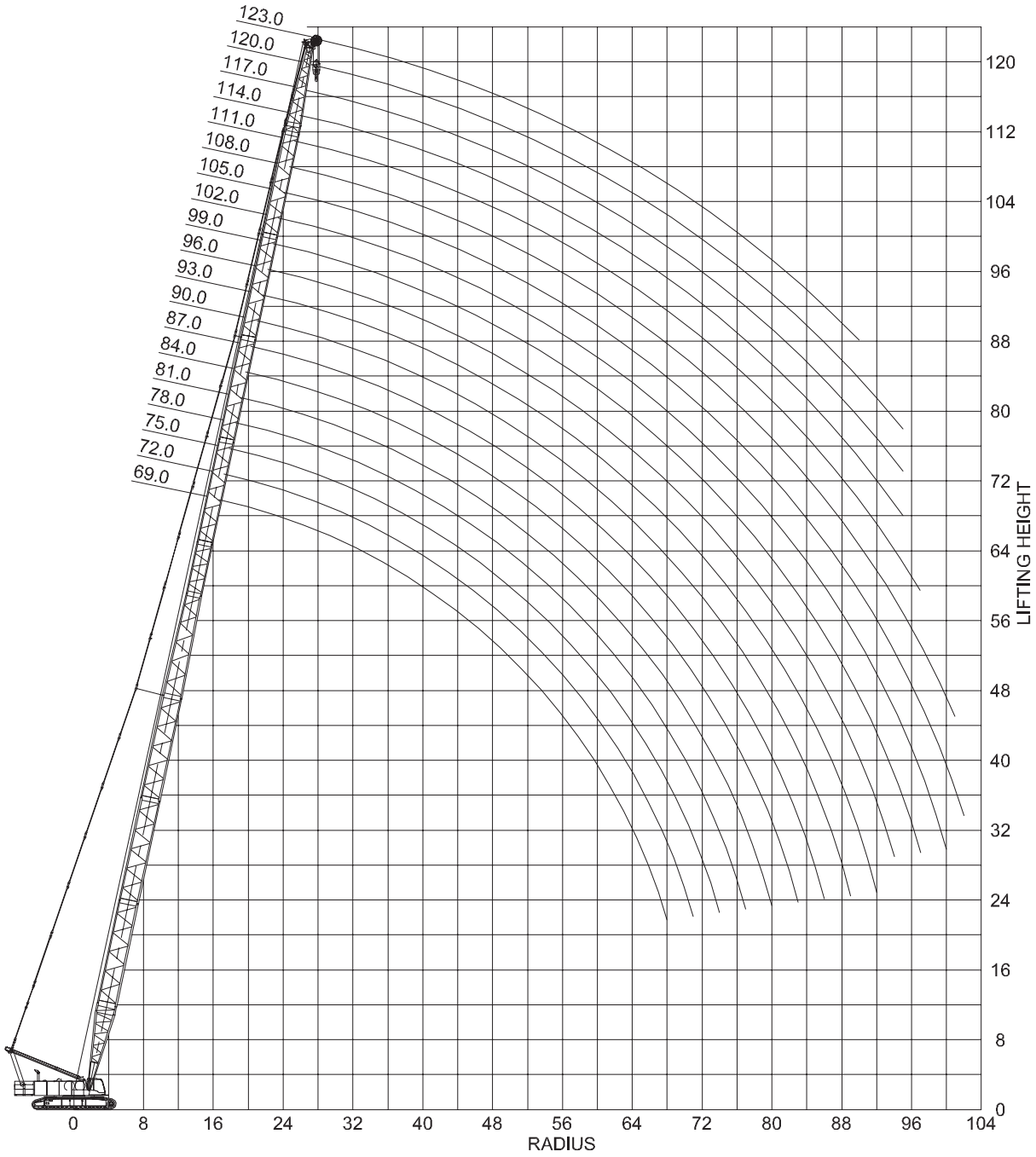
LIEBHERR LR 1300

RADIUS DIAGRAM FOR SL



Dimensions are in meters.
The content in this document is mentioned for reference use only. Values may differ from current data. Always contact Mammoet for current project calculations.

Main boom

- Crawler base: 8.5×6.8 m
- Ballast: 124 t + 57 t

Boom length (m)	Radius (m)																								
	16.6	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98
69	57.1	53.1	47	42.5	39.3	36.7	34.6	32.4	27.8	24.4	21.3	19.1	16.9	15.2	13.6	12.2	10.9								
72		51.5	46	41.4	38.1	35.5	33.4	31.7	27.2	24	20.9	18.6	16.5	14.8	13.3	11.9	10.7	9.4							
72		51.7	46.2	41.6	38.3	35.7	33.5	31.9	27.4	24.2	21.1	18.8	16.7	14.9	13.4	12.1	10.8	9.6							
75		50.2	45.3	40.7	37.2	34.6	32.4	30.7	26.8	23.4	20.7	18.3	16.4	14.6	13.1	11.8	10.5	9.4							
75		50.2	45.3	40.6	37.1	34.5	32.3	30.6	26.8	23.4	20.6	18.2	16.3	14.5	13.1	11.7	10.4	9.4	8.3						
78			44.6	39.9	36.3	33.7	31.5	29.7	26.5	23	20.4	18	16.1	14.3	12.9	11.6	10.4	9.4	8.4						
78			44.6	39.9	36.3	33.7	31.5	29.7	26.5	22.9	20.4	17.9	16	14.2	12.8	11.5	10.2	9.2	8.2						
81			43.4	39.4	35.8	32.9	30.8	29	26.3	22.7	20.1	17.8	15.8	14.2	12.7	11.4	10.3	9.2	8.2	7.3					
81			43.3	39.3	35.6	32.9	30.7	28.8	26.1	22.6	20.1	17.7	15.8	14.2	12.7	11.4	10.3	9.2	8.2	7.3					
81			42.8	38.7	35.1	32.3	30.2	28.4	25.7	22.1	19.5	17.1	15.1	13.5	12	10.7	9.6	8.5	7.5	6.6					
84			42.2	38.5	34.8	31.9	29.8	28	25.3	22.3	19.6	17.5	15.5	14	12.5	11.2	10.1	9	8.1	7.2					
84			42.2	38.5	34.9	32	29.8	28	25.2	22.2	19.6	17.5	15.4	13.9	12.4	11.1	10	8.9	8	7.1					
84			41.7	38	34.3	31.4	29.3	27.5	24.7	21.6	19	16.8	14.8	13.3	11.8	10.5	9.4	8.4	7.4	6.5	5.2				
87				37.7	34.2	31.3	29.1	27.3	24.4	21.9	19.2	17.2	15.2	13.6	12.2	10.9	9.8	8.8	7.8	7	6.2	4.8			
87				37.7	34.2	31.3	29	27.3	24.4	21.9	19.2	17.2	15.1	13.6	12.2	10.9	9.8	8.8	7.8	7	6.2	4.7			
87				37.3	33.7	30.8	28.5	26.7	23.9	21.3	18.6	16.6	14.5	13	11.6	10.3	9.2	8.2	7.2	6.4	5.6	4.2			
90				35.4	32.9	30.3	28.2	26.5	23.7	21.6	18.8	16.8	14.9	13.3	12	10.8	9.7	8.7	7.7	7	6.2	5.3			
90				36.4	33.4	30.4	28.1	26.3	23.5	21.4	18.6	16.6	14.7	13	11.6	10.4	9.4	8.5	7.5	6.7	5.9	5.1			
90				36	32.9	30	27.7	25.9	23.1	21	18.3	16.2	14.4	12.8	11.4	10.2	9.1	8.2	7.2	6.4	5.6	4.8			
93				35	32.7	29.8	27.4	25.6	22.8	20.8	18.3	16.2	14.5	12.9	11.6	10.4	9.3	8.3	7.5	6.7	5.9	5.2	4.5		
93				34.2	32.4	29.8	27.7	26	23.2	21.1	18.7	16.6	14.9	13.2	12	10.8	9.6	8.6	7.7	6.9	6.2	5.5	4.8		
93				35	32.2	29.3	26.9	25.1	22.3	20.3	17.8	15.7	14	12.4	11.1	9.9	8.8	7.8	6.9	6.1	5.3	4.6	4		
96					28.6	27	25.6	24.5	22.1	20	18	15.9	14.3	12.7	11.3	10.1	9.1	8.1	7.3	6.5	5.7	5	4.4	3.8	
96					31	28.7	26.5	24.8	22.1	20.1	18	15.8	14.2	12.6	11.2	10.1	9	8	7.2	6.4	5.7	5	4.4	3.7	
96					31.6	28.8	26.4	24.5	21.7	19.6	17.5	15.4	13.8	12.1	10.8	9.6	8.5	7.5	6.8	5.9	5.2	4.5	3.9	3.2	
99					30.5	28.6	26.2	24.3	21.5	19.3	17.6	15.4	13.8	12.3	10.9	9.8	8.8	7.7	6.9	6.2	5.4	4.8	4.2	3.6	
99					27.2	25.8	24.5	23.4	21.4	19.3	17.6	15.4	13.8	12.3	10.9	9.8	8.8	7.8	7	6.2	5.5	4.8	4.2	3.6	
99					30.3	27.9	25.5	23.6	20.8	18.7	17	14.8	13.1	11.7	10.3	9.2	8.2	7.2	6.3	5.6	4.8	4.2	3.6	3	
102					25.1	24	23.1	22.2	20.8	18.7	17.2	15.2	13.5	12.1	10.8	9.6	8.7	7.7	6.8	6.1	5.4	4.7	4.1	3.5	
102					28.5	27.2	25.1	23.3	20.8	18.6	17.1	15.1	13.3	11.9	10.6	9.5	8.5	7.5	6.6	5.9	5.1	4.5	3.9	3.3	2.8
108						25.7	24.1	22.1	19.1	17.1	15.5	14	12.2	10.9	9.6	8.5	7.5	6.7	5.8	5.1	4.4	3.8	3.2	2.6	
111						22.5	21.6	20.4	18.4	16.7	15.2	14	12.3	10.9	9.8	8.6	7.6	6.8	6	5.3	4.6	4	3.4	2.8	
111						20.7	20	19.2	18	16.6	15	13.9	12.1	10.7	9.6	8.5	7.5	6.7	5.9	5.2	4.5	4	3.4	2.8	
111						24.4	23.4	21.4	18.4	16.3	14.7	13.5	11.8	10.4	9.2	8.1	7.1	6.2	5.4	4.7	4	3.5	2.9	2.3	
114						18.1	17.4	16.8	15.7	14.7	13.4	12.4	11.3	10.3	9.4	8.4	7.4	6.6	5.9	5.1	4.4	3.9	3.3	2.7	
114						20.7	20	19.1	17.4	16	14.4	13.2	11.8	10.4	9.3	8.2	7.2	6.4	5.7	4.9	4.2	3.7	3.1	2.5	
114						22.5	21.7	20.3	17.7	15.9	14.3	13.1	11.7	10.3	9.1	8	7	6.1	5.4	4.7	4	3.4	2.9		
117							17.3	16.8	15.8	15	13.7	12.7	11.6	10.2	9	8	7	6.1	5.4	4.7	4	3.5	3		
117							17.6	17	16	15.2	13.8	12.7	11.6	10.2	9	8	7.1	6.2	5.5	4.8	4.1	3.5	3	2.4	
117							20.6	19.5	16.9	15.1	13.6	12.4	11.1	9.7	8.6	7.6	6.6	5.7	5.1	4.3	3.6	3.1	2.6		
120							14.8	14.3	13.5	12.8	12	11.4	10.7	9.5	8.5	7.6	6.7	5.8	5.1	4.3	3.5	2.7	2.1		
120							16.8	16.3	15.2	14.5	13.3	12.1	11.2	9.8	8.7	7.7	6.8	5.9	5.2	4.5	3.9	3.3	2.8	2.2	
120							19.1	18.4	16.2	14.6	13.1	11.9	10.9	9.5	8.3	7.3	6.4	5.5	4.8	4.1	3.4	2.8	2.3		
123							15.8	15.3	14.3	13.5	12.6	11.5	10.8	9.5	8.4	7.5	6.6	5.6	4.9	4.2	3.6	3	2.5		
123							14.4	14	13.1	12.5	11.8	11	10.5	9.2	8.1	7.2	6.3	5.4	4.8	4.1	3.5	2.9	2.4		

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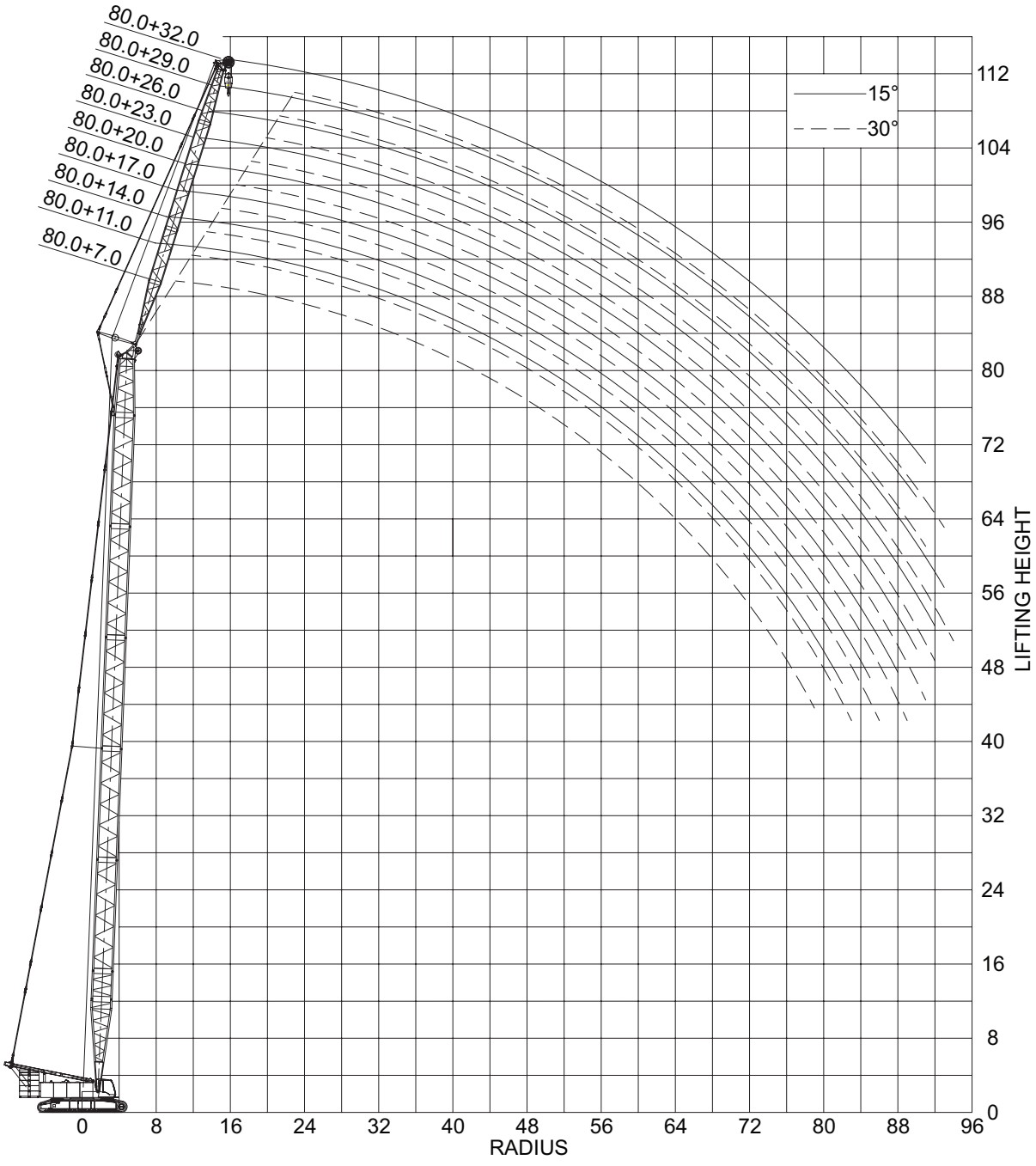
LIEBHERR LR 1300

RADIUS DIAGRAM FOR SF



Dimensions are in meters.
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Main boom with fixed jib

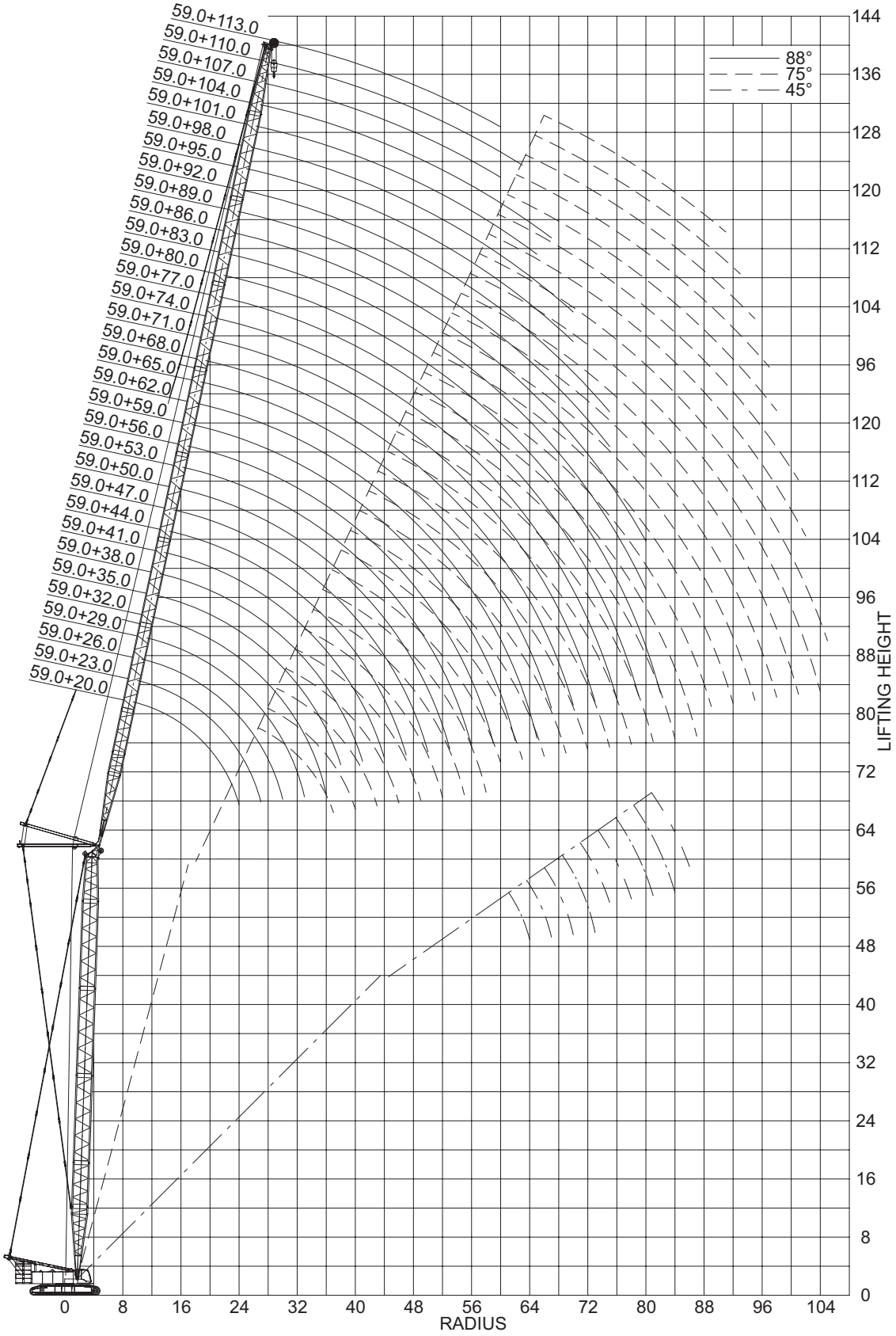
- Crawler base: 8.5×6.8 m
- Ballast: 124 t + 57 t

Boom length (m)	Jib length (m)	Jib offset (°)	Radius (m) 9	10	11	12	14	16	18	20	22	24	26	28	30	32	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
20	14	15					40.5	36.6	33.9	31.3	30	27.6	25.5	24	22.8	21.7															
		30						28.3	26.3	25	24.3	23.7	22.7	21.7	21	20.6	20.2														
	17	15					35.3	32.1	29.4	27.3	25.4	23.9	22.4	21	19.8	18.8	18														
		30						24.5	22.9	21.4	20.4	19.8	19.3	18.7	17.9	17.3	16.9														
	20	15					30.6	28	25.5	23.6	22	20.6	19.4	18.3	17.2	16.3	15.5	14.2													
		30							19.7	18.5	17.4	16.5	16	15.7	15.4	14.8	14.2	13.6													
	26	15						23	20.9	19.4	17.9	16.9	15.8	14.9	14.1	13.4	12.7	11.5	10.6												
		30								15	14.1	13.3	12.7	12.2	11.8	11.5	11.2	10.5	9.9	9.7											
	29	15						21.2	19.3	17.8	16.6	15.5	14.7	13.7	12.9	12.2	11.6	10.5	9.6	8.9											
		30								13.7	12.8	12.1	11.6	11.1	10.6	10.3	10	9.5	8.9	8.5											
	32	15						19.7	18.1	16.5	15.4	14.4	13.5	12.9	12	11.3	10.7	9.7	8.8	8.1	7.5										
		30									11.8	11.1	10.6	10.1	9.7	9.4	9.1	8.5	8	7.5	7.3										
	35	15						18.4	16.7	15.5	14.2	13.4	12.5	11.8	11.3	10.6	9.9	9	8.1	7.4	6.9	6.4									
		30										10.3	9.8	9.3	8.9	8.6	8.2	7.7	7.3	6.8	6.4	6.3									
50	14	15	60	60	58.3	56.5	53.7	49.3	46	43.9	41.1	38.7	36.8	35.1	33.2	31.6	30.2	28.5	25.8	22.3	19.4	17	14.9								
		30				37.4	35.5	33.8	32.4	31	30.1	28.9	27.9	27	26.3	25.5	24.7	23.5	22.5	21.7	19.8	17.2	15.1								
	17	15		52.5	50.3	48.3	44.3	42	38.9	36.5	34.4	32.3	30.6	29.2	28.2	26.8	25.5	23.7	22.1	20.6	19.5	17.3	15.2	13.3							
		30					29.8	28.5	27.3	26.2	25.1	24.3	23.5	22.7	22	21.4	20.8	19.6	18.8	18.1	17.4	16.9	15.4	13.5							
	20	15			41.7	40	36.9	34.4	32	30	28.6	27	25.6	24.4	23.5	22.5	21.5	19.8	18.6	17.4	16.3	15.6	14.9	13.7							
		30						23.8	22.8	21.9	21.1	20.3	19.7	19	18.4	17.8	17.4	16.4	15.7	15	14.5	14	13.8	13.3	12.1							
	23	15				34.8	32.3	29.9	28.3	26.5	25	23.9	22.6	21.5	20.5	19.8	19	17.4	16.2	15.2	14.3	13.6	13	12.5	11.9						
		30							20.1	19.2	18.5	17.8	17.2	16.7	16.1	15.6	15.1	14.4	13.6	13	12.6	12.1	11.8	11.7	11.5						
	26	15					28.6	26.6	24.8	23.5	22.1	21	20.1	19	18.1	17.4	16.8	15.4	14.3	13.5	12.6	11.9	11.3	10.9	10.4	10					
		30								17	16.3	15.7	15.2	14.6	14.2	13.8	13.3	12.6	12	11.4	10.9	10.6	10.3	10	9.9	9.8					
	29	15					25.6	23.9	22.3	21.1	19.9	18.8	18	17.2	16.3	15.6	15	13.9	12.8	12	11.3	10.7	10.1	9.6	9.2	8.8	8.5				
		30									14.7	14.1	13.6	13.1	12.7	12.3	11.9	11.2	10.7	10.1	9.6	9.3	9	8.7	8.5	8.4	8.4				
	32	15						21.5	20.3	19.1	18.2	17.1	16.2	15.6	14.9	14.2	13.5	12.6	11.6	10.8	10.2	9.6	9	8.6	8.2	7.9	7.6				
		30										12.7	12.2	11.8	11.4	11	10.7	10.1	9.5	9.1	8.6	8.3	8	7.7	7.5	7.3	7.3	7.2			
	35	15						19.8	18.5	17.4	16.5	15.7	14.8	14.1	13.6	12.9	12.3	11.4	10.6	9.8	9.1	8.6	8.1	7.7	7.3	7	6.8	6.5			
		30										11.6	11.1	10.7	10.3	10	9.6	9.1	8.6	8.2	7.7	7.4	7.1	6.8	6.6	6.4	6.3	6.3			
80	14	15		48.9	48.1	47.5	45.8	44.3	43.1	41.7	40.5	39.5	38.5	36.2	34	32.2	30.5	26.6	22.9	19.7	16.8	14.4	12.3	10.4	8.7	7	5.6	4.2	3		
		30					35.5	34.4	33.2	32.4	31.4	30.5	29.8	29.2	28.5	27.8	27.2	26.2	23.7	20.4	17.4	15	12.8	10.9	9.1	7.4	5.9	4.5	3.2	2	
	17	15			43.4	42.3	40.7	38.9	37.5	36.2	34.9	33.7	32.8	31.7	30.1	28.7	27.4	25.4	22.9	19.9	17.1	14.7	12.6	10.7	8.9	7.3	5.8	4.4	3.2	2.1	
		30						28.6	27.7	26.8	26.2	25.5	24.7	24.1	23.7	23.1	22.6	21.7	21	19.3	17.8	15.4	13.2	11.2	9.5	7.7	6.2	4.8	3.5	2.3	
	20	15				39.2	37	35	33.2	32	30.5	29.2	28.1	27.3	26.4	25.4	24.4	23	21.5	19.5	17.4	15.1	12.9	11	9.3	7.6	6.2	4.8	3.6	2.5	
		30							22.9	22.3	21.6	21.1	20.6	20	19.5	19.2	18.8	17.9	17.2	16.6	16	15.4	13.6	11.7	10	8.2	6.6	5.2	3.9	2.7	
	23	15					31.8	30.4	28.9	27.7	26.8	25.5	24.4	23.6	22.9	22.1	21.3	20	18.9	17.6	16.3	14.9	13.1	11.2	9.5	7.8	6.4	5	3.8	2.6	
		30							20	19.3	18.8	18.3	17.9	17.4	16.9	16.5	16.2	15.5	14.9	14.4	13.9	13.4	13	11.9	10.2	8.5	6.9	5.5	4.2	3	
	26	15					28.1	26.6	25.3	24.1	23.2	22.3	21.4	20.6	19.9	19.4	18.7	17.5	16.5	15.7	14.8	14.1	13.1	11.6	9.9	8.2	6.8	5.4	4.1	3	
		30								16.9	16.4	16	15.5	15.2	14.8	14.4	14	13.5	12.9	12.5	12.1	11.7	11.3	10.9	10.3	8.9	7.4	6	4.7	3.4	2.3
	29	15						23.5	22.6	21.5	20.6	19.9	19.1	18.3	17.7	17.1	16.6	15.5	14.6	13.9	13.1	12.5	11.9	11.1	10	8.4	6.9	5.5	4.3	3.1	2.1
		30									14.6	14.2	13.8	13.4	13.1	12.8	12.4	11.9	11.4	11	10.6	10.2	9.9	9.6	9.3	8.8	7.5	6.2	4.9	3.6	2.5
	32	15						21.2	20.2	19.4	18.5	17.9	17.3	16.6	15.9	15.4	14.9	14	13.1	12.4	11.8	11.2	10.6	10.1	9.6	8.6	7.2	5.8	4.5	3.4	2.4
		30										12.7	12.4	12	11.7	11.5	11.2	10.6	10.2	9.8	9.4	9.1	8.8	8.5	8.2	8	7.6	6.5	5.3	4	2.9
83	14	15		47.8	47	46.4	44.8	43.4	42.3	41	39.9	38.9	38.1	36.1	33.8	31.7	29.9	26	22.3	19.2	16.5	14.2	12.1	10.1	8.3	6.7	5.3	3.9	2.8		
		30					35.6	34.5	33.4	32.5	31.6	30.8	30	29.4	28.7	27.8	27	25.6	23.2	20	17.2	14.7	12.5	10.6	8.8	7.1	5.6	4.2	2.9		
	17	15			43	42.3	41.3	39.8	38.7	37.6	36	34.7	33.6	32.7	31	29.5	28.1	25.8	22.5	19.4	16.7	14.4	12.3	10.4	8.6	6.9	5.5	4.1	2.9		
		30						28	27.3	26.4	25.8	25.2	24.5	23.9	23.4	22.9	22.4	21.4	20.7	19.2	17.4	15	12.9	11	9.2	7.4	5.9	4.5	3.2	2	
	20	15				38.8	36.8	35.1	33.4	32.1	30.8	29.5	28.4	27.5	26.7	25.7	24.9	23.4	22.3	19.7	17	14.7	12.7	10.7	8.9	7.3	5.8	4.4	3.2	2.1	
		30							23	22.4	21.7	21.2	20.7	20.1	19.7	19.3	18.9	18.1	17.4	16.9	15.9	14.9	13.3	11.4	9.6	7.8	6.3	4.9	3.6	2.4	
	23	15					31.6	30.4	28.8	27.6	26.7	25.5	24.5	23.7	23	22.2	21.5	20.1	19	17.8	16.4	14.7	12.9	11	9.2	7.5	6	4.6	3.4	2.3	
		30							19.8	19.2	18.7	18.2	17.8	17.4	16.9	16.5	16.2	15.6	14.9	14.4	13.9	13.5	12.9	11.7	10	8.2	6.6	5.2	3.9	2.7	

t = metric tons.
The content in this document is mentioned for reference use only. Values may differ from current data. Always contact Mammoet for current project calculations.

LIEBHERR LR 1300

RADIUS DIAGRAM FOR SW



Dimensions are in meters.
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Main boom with luffing jib

- Crawler base: 8.5×6.8 m
- Ballast: 124 t + 57 t
- Boom angle: 88°, 83°, 75°, 65°, 45°

Boom length (m)	Jib length (m)	Radius (m) 9	10	11	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82
20	20							43.5	36.9	31.6																	
	23						51.7	43.4	37.1	31.4	27.9	15.1															
	26						50.5	42	36.2	31.2	27	24.4	22.2														
	29					62.3	49.3	42.2	35.6	30.7	27.1	24.1	21.9	20.1													
	32					61.1	49.7	40.4	35	30	26.8	23.9	21.6	19.8	16.8												
	35				79	61	49	40.2	34.1	29.7	26.2	23.7	21.5	19.5	16.7												
	38				75	60.4	48.4	40.8	33.8	29.3	25.9	23.3	21.3	19.4	16.4	14.2											
	41					59.9	48.2	39.7	33.6	28.4	25.5	22.8	20.7	19.1	16.1	13.9	12.1										
	44					60	48.3	39.1	33.4	28.3	24.6	22.3	20.3	18.7	16	13.7	12	9.9									
	47					57.9	47.4	39.5	32.9	28.2	24.4	21.8	19.9	18.2	15.7	13.4	11.6	10.3									
	50						47.8	39.6	32.6	28.7	24.7	21.6	19.6	18	15.4	13.4	11.5	10.1	8.8								
	53						47.4	38.7	32.4	27.5	24.4	21.3	19.2	17.6	14.9	13	11.2	9.7	8.5	7.4							
	56						45.3	38.9	32.4	27.3	24.1	21.2	19	17.3	14.7	12.8	11.1	9.5	8.3	7.3							
	59							39	32.1	27	23.4	20.8	18.6	16.9	14.2	12.1	10.5	9.1	7.9	7	6.1						
	62							39.1	31.8	27.7	23.5	20.6	18.4	16.7	14.3	11.8	10	8.7	7.6	6.7	5.9	5.1					
	65							36.4	31.7	27.6	23.4	20.3	18.2	16.4	13.6	11.4	9.7	8.4	7.3	6.4	5.7	4.9	4.2				
	68							34.1	32	26.7	23.4	20.2	18.1	16.3	13.4	11.3	9.5	8.1	7.1	6.2	5.5	4.8	4.1				
	71								31.5	26.8	23.1	19.9	17.7	16	13	11	9.2	7.8	6.7	5.8	5.1	4.4	3.8	3.2			
	74								29.8	26.8	22.7	19.8	17.5	15.9	12.9	10.7	9	7.6	6.4	5.6	4.8	4.1	3.6	3	2.3		
	77								26.4	25.6	22	19.5	17.1	15.4	12.9	10.3	8.7	7.2	6.1	5.2	4.5	3.8	3.3	2.9	2.5		
	80									24	21.7	19.4	17.1	15.2	12.7	10.1	8.5	7.1	5.9	5	4.3	3.7	3.1	2.7	2.5		
	83									22.3	21.2	18.8	16.9	14.9	12.4	9.9	8.2	6.8	5.6	4.7	4	3.4	2.9	2.4			
	86									20.8	20.5	18.5	16.9	14.8	12	9.7	8	6.7	5.5	4.5	3.8	3.2	2.7	2.3			
	89										18	17	16	14.5	11.4	9.3	7.5	6.2	5.1	4.1	3.4	2.8	2.5	2.2			
	92										16.5	15.9	15.2	14.4	11.3	9.2	7.4	6	5	4	3.3	2.7	2.4	2.2			
	95										15.1	14.8	14.3	13.9	11	8.8	7.1	5.7	4.6	3.7	2.9						
	98											13.9	13.5	13.1	10.8	8.6	6.9	5.5	4.4	3.4	2.7						
	101											12.8	12.6	12.3	10.6	8.3	6.7	5.2	4.1	3.2	2.4						
	104											12	11.9	11.6	10.5	8.1	6.5	5.1	3.9	3							
	107												10.7	10.4	9.8	7.7	6.2	4.8	3.6	2.7							
	110												9.8	9.5	9	7.3	5.9	4.6	3.4	2.5							
	113												9.1	9	8.5	7.1	5.6	4.5	3.5	2.7							
47	20	110	102	91.9	84.3	70	58.9	50.7	43.5	38.3	15.1																
	23		99.4	90.2	81.8	68.4	58.5	49.6	43.3	37.8	33.8	30.7															
	26			88.8	81.2	68.1	57.1	49.2	42.2	37.2	32.9	29.6	27.7														
	29			83.4	79.1	66.2	56.5	48.4	41.9	36.4	32.7	29.6	27	25.3													
	32				77.1	65.9	56.1	47.8	41.8	36.2	31.8	28.9	26.7	24.8	22												
	35					63.8	54.4	47.1	40.4	35.7	31.7	28.5	26.2	24.3	21.3	18.9											
	38					63.6	54	46.5	40.1	35	31.3	28.3	25.9	24	20.9	18.7											
	41					60.9	53.1	45.5	39.8	34.5	30.6	27.8	25.5	23.6	20.5	18.1	16.3										
	44					56.9	52.4	45.3	39.3	34.4	30.3	27.3	25.1	23.2	20.3	17.9	16	14.4									
	47						51	44.4	38.1	33.8	29.9	26.8	24.6	22.7	19.8	17.4	15.4	13.9	11.1								
	50						48.9	43.4	37.9	33.1	29.6	26.6	24.3	22.5	19.4	17.2	15.2	13.6	12.3								
	53						44.2	42.1	37.3	32.2	28.7	25.9	23.7	22	18.9	16.6	14.7	13.1	11.8	10.7							
	56							40.4	36.4	32	28.1	25.5	23.3	21.6	18.7	16.3	14.5	12.9	11.5	10.5	9.5						
	59							37	34.7	31.4	27.5	24.8	22.7	20.9	18.2	15.8	14	12.4	11	10	9						
	62							34.5	33.8	30.7	27.3	24.5	22.4	20.6	17.9	15.6	13.7	12.2	10.8	9.7	8.7	7.9					
	65								31	29.1	26.9	24.1	22.1	20.3	17.4	15.2	13.3	11.8	10.5	9.4	8.4	7.6	6.8				
	68								28.4	27.5	26.4	23.8	21.7	20.1	17.1	15	13.1	11.5	10.3	9.2	8.2	7.3	6.6	5.9			
	71								25.9	25.5	24.5	22.9	20.8	19.3	16.5	14.3	12.5	11	9.8	8.7	7.7	6.8	6.1	5.5			
	74									24.2	23.3	22.5	20.4	18.9	16.2	14	12.3	10.7	9.5	8.5	7.5	6.6	5.9	5.3	4.7		
	77									22.3	21.5	20.9	19.6	18.1	15.8	13.6	12	10.4	9.1	8.1	7.1	6.3	5.5	4.9	4.3	3.5	
	80									20.6	20.1	19.5	18.8	17.5	15.6	13.3	11.6	10.2	8.9	7.9	6.9	6.1	5.3	4.7	4.1	3.6	2.8
	83										18	17.5	17.2	16.2	14.6	12.6	10.9	9.5	8.2	7.2	6.3	5.5	4.8	4.1	3.6	3.1	2.6
	86										16.9	16.5	16.2	15.7	14	12.4	10.6	9.3	8.1	7	6.1	5.3	4.6	3.9	3.3	2.9	2.5
	89										15.4	15.2	14.8	14.6	13.2	12	10.2	8.9	7.7	6.7	5.7	4.9	4.2	3.6	3	2.6	
	92										14.1	14.1	13.8	13.5	12.6	11.8	10	8.6	7.5	6.5	5.5	4.7	4	3.4	2.8		
	95											13	12.7	12.5	11.8	11	9.7	8.2	7.2	6.2	5.2	4.4	3.7	3.1	2.5		
	98											12	11.9	11.6	11.1	10.4	9.5	8	6.9	5.9	5	4.1	3.5	2.9	2.3		
	101											11.1	11.1	10.8	10.4	9.7	9.1	7.6	6.5	5.5	4.6	3.8	3.2	2.6			
	104												10.3	10.2	9.8	9.2	8.7	7.4	6.2	5.3	4.4	3.6	2.9	2.3			
	107												9.3	9.2	8.7	8.3	7.9	6.9	5.8	4.9	4	3.2					
	110												8.4	8.4	7.9	7.5	7.2	6.5	5.4	4.5	3.8	3	2.3				
	113													7.8	7.4	7.1	6.7	6.4	5.2	4.3	3.6	2.8					

t = metric tons.

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LOAD TABLE FOR SW

Boom length (m)	Jib length (m)	Radius (m)																								
		9	10	11	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82
59	20		84.9	77.4	71.9	61.2	52.7	46.1	40	35.4	31.3																
	23		75.3	72.2	67.6	60	52	44.8	39.5	34.9	31.3	28.7															
	26			66.8	66.2	58.8	50.6	44.4	38.5	34.2	30.7	27.8	25.9	14.3													
	29				63.4	57.2	49.8	43	37.9	33.3	30	27.4	25.2	23.6													
	32				62.7	56.4	48.7	42.5	37.4	33.1	29.4	26.7	24.8	23.1	20.5												
	35					54.9	47.5	41.9	36.4	32.5	29.1	26.3	24.3	22.6	19.9	17.8											
	38					53.9	47.2	40.8	36	31.7	28.6	26	23.9	22.3	19.5	17.5											
	41					50	45.4	39.8	35.4	31	27.8	25.4	23.4	21.7	19	16.8	15.2										
	44						44.8	39.4	34.5	30.8	27.5	25	23	21.4	18.8	16.6	14.9	13.4									
	47						43.1	38.1	33.4	29.9	26.8	24.2	22.3	20.7	18.1	16	14.2	12.9	11.6								
	50						40.4	37.3	33.1	29.1	26.4	23.9	22	20.4	17.7	15.8	14	12.6	11.4								
	53							36.5	32.3	28.4	25.6	23.3	21.4	19.9	17.3	15.3	13.6	12.1	11	10							
	56							35.1	31.6	28.2	25	22.8	21	19.5	17.1	15	13.4	11.9	10.7	9.7	7.4						
	59							32.3	30.5	27.4	24.3	22.1	20.3	18.8	16.5	14.4	12.8	11.4	10.2	9.2	8.3	6.4					
	62								29.7	26.6	24	21.7	20	18.5	16.1	14.1	12.5	11.2	9.9	8.9	8.1	7.1					
	65								27.1	25.2	23.1	20.8	19.2	17.8	15.3	13.5	11.8	10.5	9.4	8.4	7.6	6.8	6.2				
	68								25	24.3	22.4	20.5	18.8	17.5	15.1	13.3	11.6	10.3	9.2	8.2	7.3	6.6	5.9	5.3			
	71								22.9	22.6	20.9	19.4	17.7	16.4	14.1	12.4	10.9	9.6	8.5	7.6	6.7	6	5.4	4.8			
	74									21.4	20.2	18.7	17.2	15.9	13.9	12	10.7	9.3	8.2	7.3	6.5	5.8	5.2	4.6	4		
	77									19.3	18.9	17.8	16.7	15.4	13.5	11.6	10.3	9	7.9	7	6.2	5.4	4.8	4.2	3.7	3.1	
	80									17.7	17.5	16.9	16.4	15.1	13.2	11.3	9.9	8.7	7.6	6.7	6	5.2	4.6	4	3.5	3	2.5
	83										16.4	16	15.5	14.7	12.6	11	9.5	8.4	7.3	6.3	5.6	4.9	4.2	3.6	3.1	2.7	
	86										15.4	15.2	14.8	14.4	12.3	10.7	9.2	8.1	7.1	6.1	5.4	4.7	4	3.4	2.9	2.5	
	89										14	13.9	13.6	13.3	11.7	10.3	8.8	7.7	6.7	5.7	5	4.3	3.7	3.1	2.5		
	92											12.9	12.6	12.4	11.2	9.9	8.6	7.4	6.5	5.5	4.7	4	3.5	2.9	2.3		
	95											11.8	11.7	11.5	10.6	9.4	8.2	7	6.1	5.2	4.4	3.7	3.1	2.6			
	98											11	11	10.8	10.2	9	8	6.8	5.8	5	4.2	3.5	2.9	2.3			
	101												10.2	10	9.6	8.5	7.7	6.4	5.4	4.6	3.8	3.1					
	104												9.5	9.4	9	8.1	7.2	6.2	5.2	4.4	3.6	2.9	2.3				
	107												8.5	8.4	8.1	7.4	6.6	5.8	4.8	4	3.3						
	110													7.7	7.3	6.8	6.1	5.5	4.5	3.7	3	2.3					
	113													7.1	6.8	6.4	5.7	5.2	4.1	3.3	2.6						
62	20		78.8	73.2	68.4	58.9	51	44.7	38.9	34.6	30.8																
	23			69.9	65.3	57.9	50.3	43.5	38.5	34.1	30.7	28.2															
	26			65.2	63.4	56.3	48.8	43	37.3	33.3	29.9	27.2	25.3	23.6													
	29				61.1	55.1	48.2	41.7	36.9	32.5	29.3	26.8	24.7	23.1													
	32				58.6	53.8	46.8	41	36.2	32.1	28.6	26.1	24.2	22.6	20.1												
	35					52.2	45.7	40.5	35.1	31.4	28.2	25.6	23.7	22	19.4	17.4											
	38					50.4	45	39.2	34.7	30.5	27.6	25.2	23.2	21.7	18.9	17											
	41					46.7	43.2	38.1	34	29.9	26.8	24.5	22.6	21	18.5	16.4	14.8										
	44						42.4	37.7	33.1	29.6	26.4	24	22.2	20.6	18.2	16	14.4	13.1									
	47						40.7	36.6	32.3	29	26	23.6	21.8	20.2	17.6	15.7	14	12.7	11.4								
	50						37.9	35.6	31.8	28.1	25.5	23.1	21.3	19.8	17.2	15.4	13.6	12.3	11.2								
	53							34.4	30.8	27.2	24.5	22.4	20.6	19.2	16.7	14.7	13.2	11.8	10.7	9.7							
	56							32.7	29.9	26.8	23.9	21.8	20.1	18.7	16.4	14.4	12.9	11.5	10.3	9.4	8.5						
	59							30.6	29.3	26.4	23.5	21.4	19.7	18.2	16.1	14	12.5	11.2	10	9	8.2	6.1					
	62								28.2	25.5	23.1	20.9	19.3	17.9	15.6	13.7	12.1	10.9	9.7	8.7	7.9	6.9					
	65								26	24.3	22.3	20.1	18.5	17.2	14.9	13.2	11.5	10.3	9.2	8.2	7.4	6.7	5.9				
	68								24.1	23.6	21.4	19.6	18.1	16.9	14.5	12.9	11.3	10	8.9	7.9	7.1	6.4	5.8	5.2			
	71									21.8	20.1	18.6	17	15.8	13.7	12	10.6	9.3	8.3	7.4	6.6	5.9	5.3	4.7			
	74									20.2	19.4	17.9	16.5	15.3	13.3	11.6	10.3	9	7.9	7.1	6.3	5.6	5	4.4	3.9		
	77									18.5	18.3	17.1	16.1	14.8	13	11.2	9.9	8.7	7.6	6.8	6	5.3	4.7	4.1	3.6	3.1	
	80									17.1	17	16.3	15.7	14.4	12.6	10.9	9.5	8.4	7.3	6.5	5.7	5	4.4	3.8	3.3	2.9	2.3
	83										15.9	15.5	14.9	14.1	12.1	10.6	9.1	8.1	7	6.1	5.4	4.7	4.1	3.5	3	2.6	
	86										14.8	14.6	14.1	13.7	11.7	10.3	8.8	7.8	6.7	5.8	5.1	4.4	3.8	3.2	2.7	2.3	
	89										13.5	13.5	13.2	12.8	11.2	9.9	8.5	7.4	6.4	5.5	4.8	4.1	3.5	2.9	2.4		
	92											12.4	12.2	12	10.8	9.5	8.2	7	6.2	5.2	4.5	3.8	3.3	2.7			
	95											11.5	11.4	11.2	10.3	9	7.9	6.7	5.8	4.9	4.2	3.5	3	2.4			
	98											10.7	10.7	10.5	9.9	8.6	7.6	6.4	5.5	4.7	3.9	3.2	2.7	2.2			
71	41						37.6	34	30.4	27.2	24.4	22.5	20.8	19.4	17.2	15.3	13.8										
	44						36.5	33.5	29.6	26.9	24.1	22	20.4	19	16.9	15	13.5	12.3									

t = metric tons.

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