0° / 20° / 30° / 38°

1000

845

2250

9000

7150

1550

2400

4500

11999 / 9889

3000

6502

11999 / 10033

6502

11998 / 10032

5497

5496

R8330

12009 / 9896

1300

3708

2993
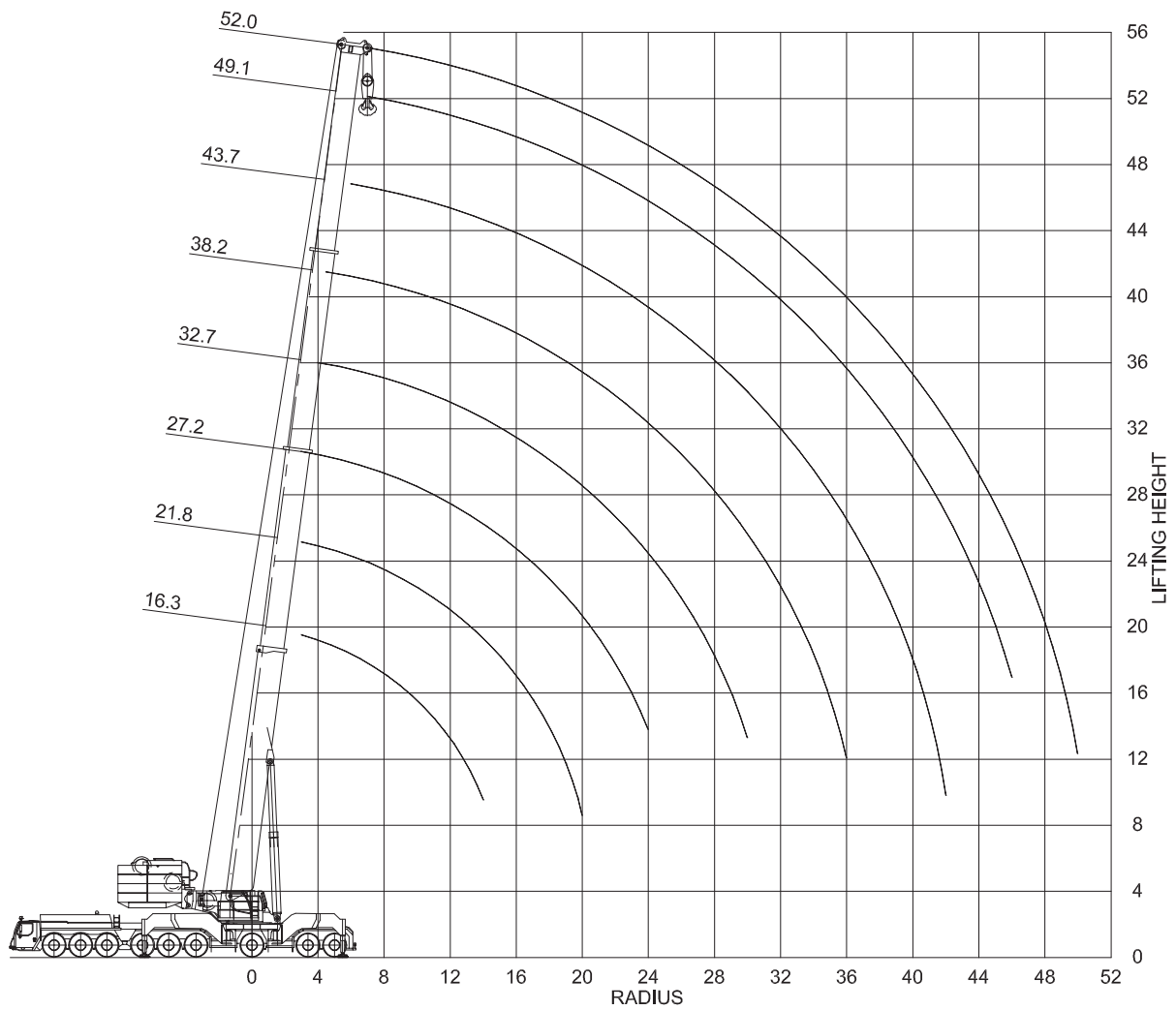
4000

1300

6300

14665

13319

23780

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

MAMMOET

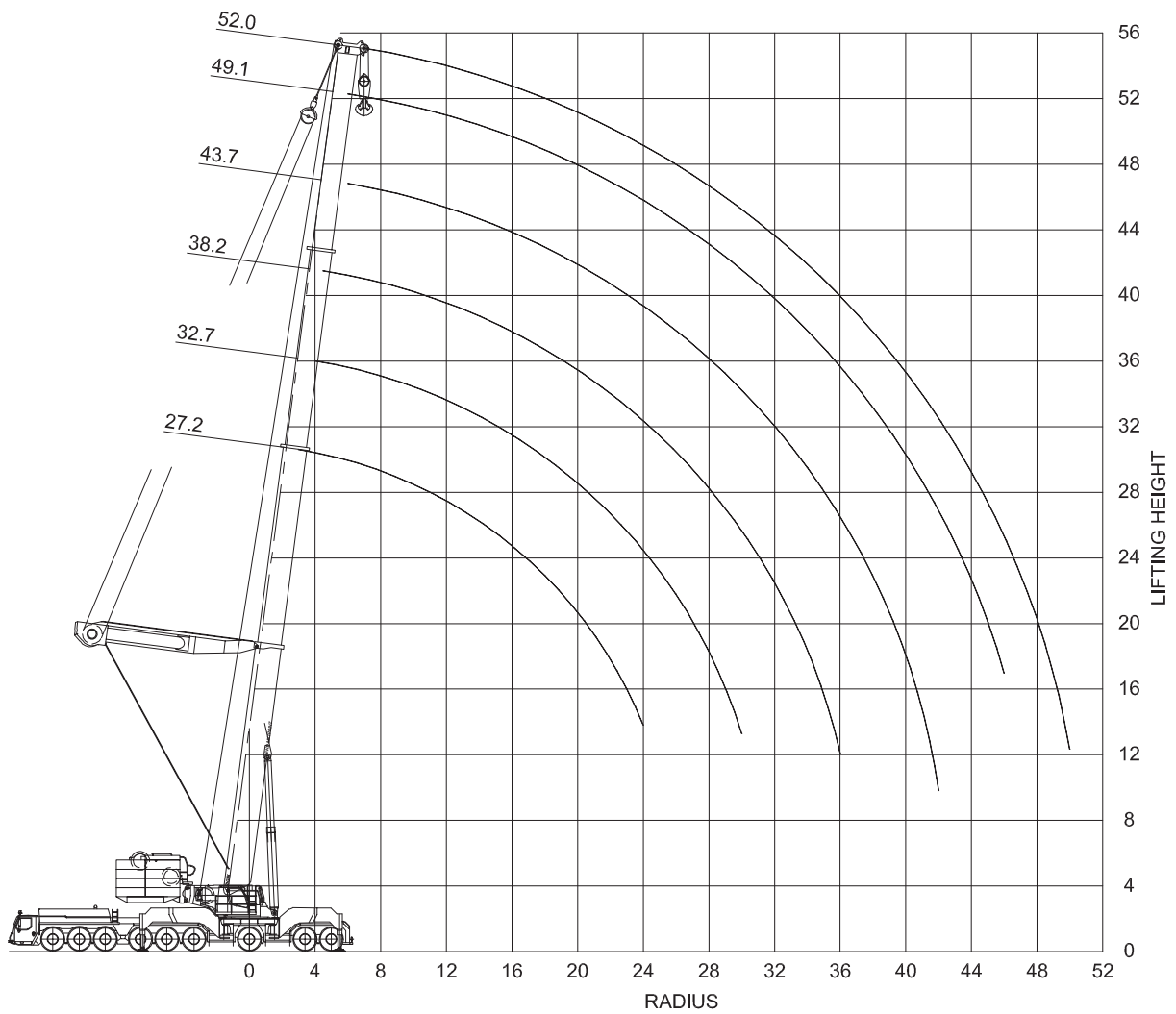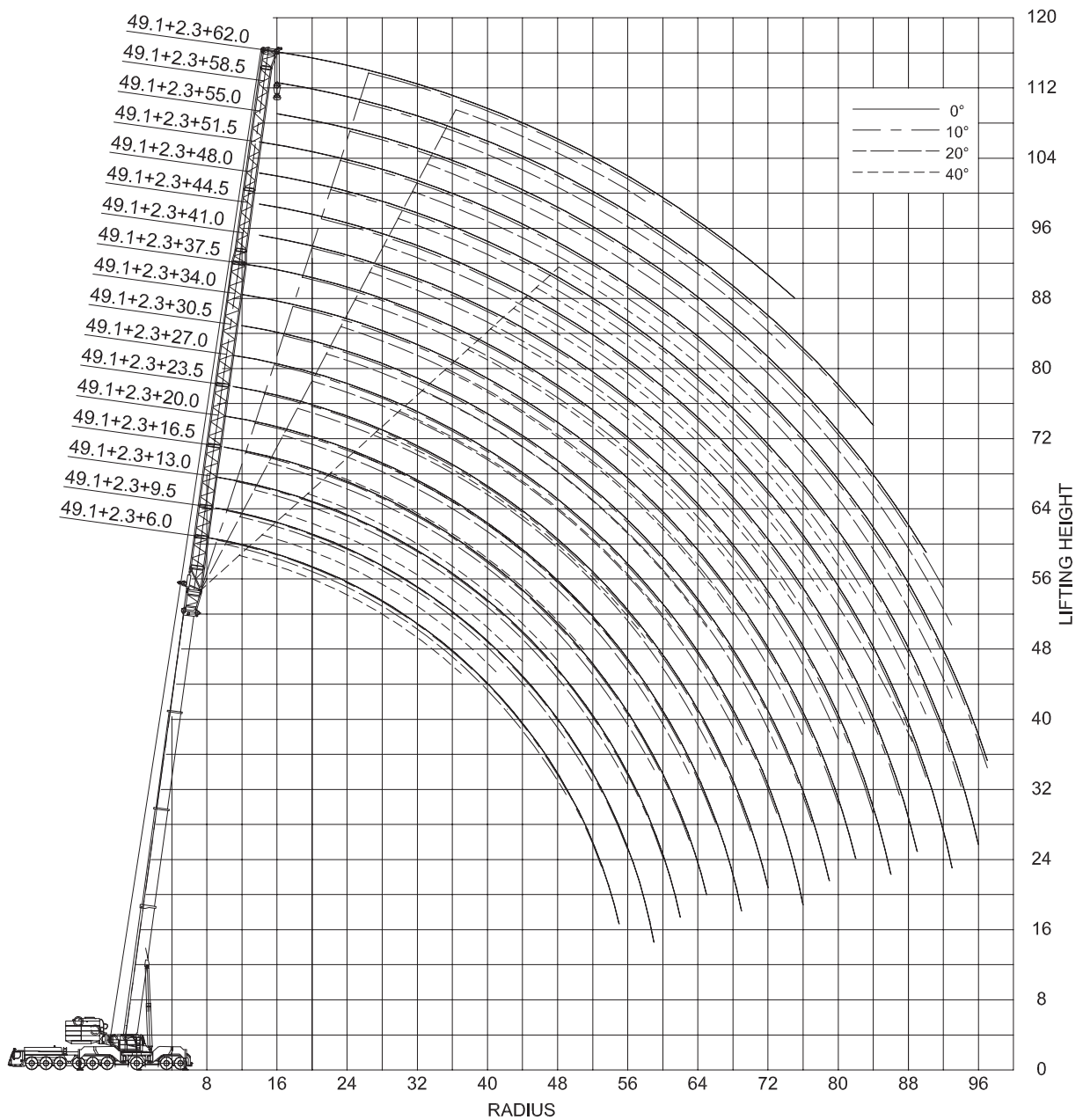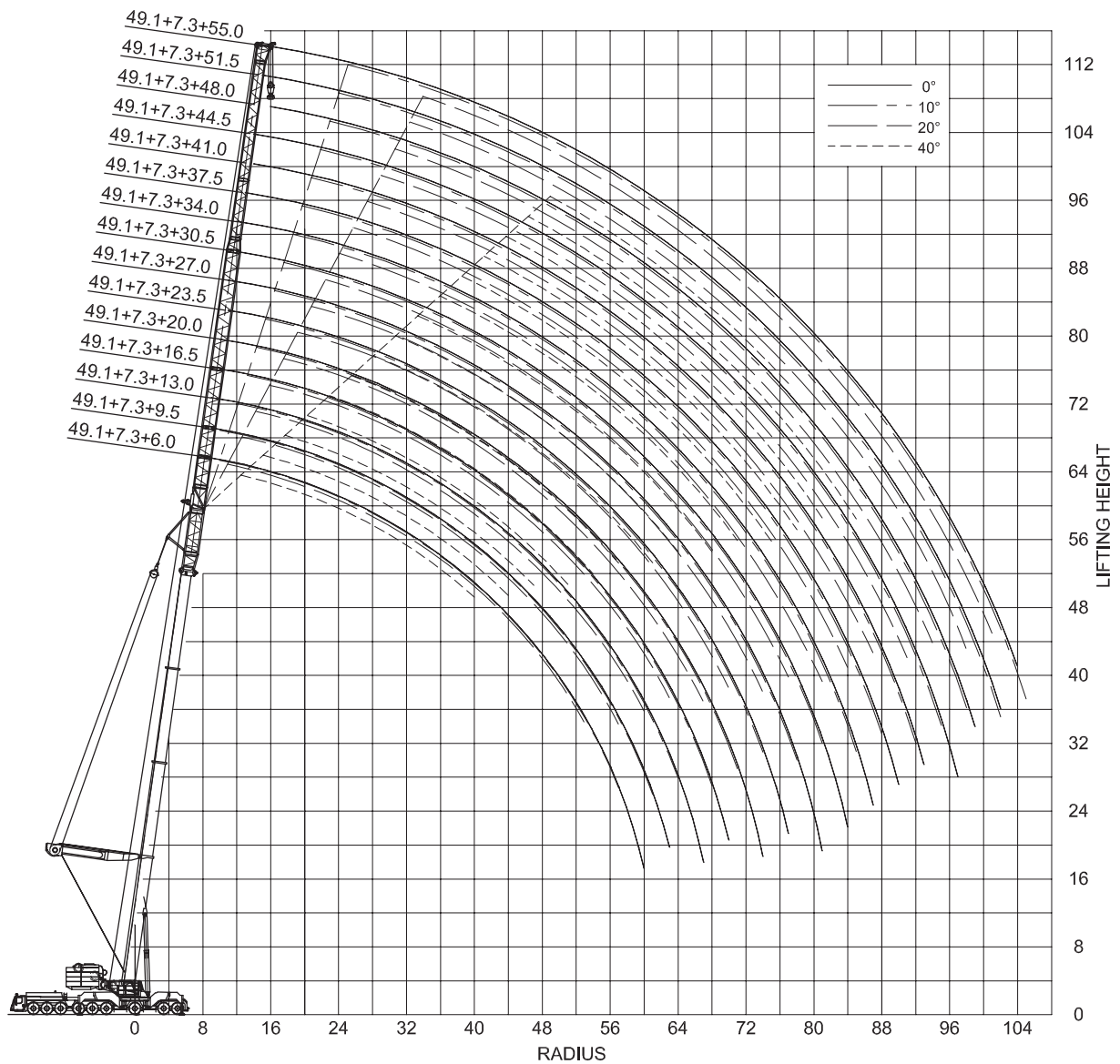

Dimensions are in meters.
The content in this document is mentioned for reference use only. Values may differ
from current data. Always contact Mammoet for current project calculations.

Main boom

- Outrigger base: 12×12 m
- Ballast: 204 - 0 t

Ballast (t)	Boom length (m)	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	42	46	50
204	16.3	268.9	268.9	268.9	268.9	257.2	235.7	217.4	201.5	175.5	155.2															
	21.8	268.9	263.2	246.4	229.4	211.7	194.3	181.7	170.7	150	135.6	123.7	114.3	101.8												
	27.2	268.9	268.9	266.8	260.9	253.7	234.9	215.9	194.6	166.9	143.3	125.2	111.3	99.6	90.2	82.4										
	32.7		267.9	264.9	259.9	238.1	216	195.4	180.9	153.5	133.8	118.6	103.9	94.3	85.2	77.7	71.5	65.8	61.3							
	38.2			177.8	164.2	151	141.1	131.6	122.1	107.7	94.9	84.7	77.3	70	63.7	59.3	54.8	51.1	48	45	42.8	40.9				
	43.7				131	122.1	113.4	106.6	100.5	88.3	79.6	71.5	64.2	59.3	54.4	49.5	46	43	40	37.5	35.5	33.5	31.7	29.3		
	49.1					111	104.7	98.5	93	84.1	75.4	68.9	62.9	57	52.9	49	45.1	41.4	38.7	36.3	33.9	31.7	30	26.7	24	
	50.1					107.4	101.7	95.9	90.5	82.1	73.8	67.4	61.8	56.2	52	48.3	44.6	40.9	38.1	35.8	33.5	31.2	29.5	26.4	23.8	
	51					100.1	95.5	90.9	86.4	79.2	72	65.8	60.6	55.4	51	47.5	44	40.5	37.4	35.2	33	30.9	29	26	23.5	
	52					96	90.8	85.6	80.4	72.9	65.7	59.6	54.8	50.1	45.9	42.7	39.5	36.4	33.5	31.3	29.4	27.4	25.6	22.9	20.5	18.8
104	16.3	268.9	268.9	268.9	267.2	247.4	226.6	208.7	189.4	154.8	130.2															
	21.8	268.9	268.9	268.9	267.9	247.2	226.6	208.6	189.8	155.1	130.4	111.7	95.6	79.5												
	27.2	268.9	268.9	264.7	250.5	236.2	222	207.9	190.8	156.4	131.8	113.1	97.7	81.4	69.4	60.2										
	32.7		267.9	264.9	259.9	238.1	216	195.4	180.9	153.5	130.9	112.2	96.3	80.2	68.2	58.8	51.5	45.6	40.8							
	38.2			177.8	164.2	151	141.1	131.6	122.1	107.7	94.9	84.7	77.3	70	63.7	58.9	52.1	46.1	41.1	36.9	33.4	30.5				
	43.7				141.1	131.7	122.4	114.9	108.3	95.2	85.5	76.7	68.6	63.2	57.8	52.4	48.4	45	40.2	36	32.5	29.4	26.8	22.5		
	49.1					111	104.7	98.5	93	84.1	75.4	68.9	62.9	57	52.9	49	45.1	41.4	38.7	36.3	33.5	30.4	27.7	23.3	19.8	
	50.1					107.4	101.7	95.9	90.5	82.1	73.8	67.4	61.8	56.2	52	48.3	44.6	40.9	38.1	35.8	33.4	30.5	27.8	23.4	19.9	
	51					100.1	95.5	90.9	86.4	79.2	72	65.8	60.6	55.4	51	47.5	44	40.5	37.4	35.2	33	30.6	27.9	23.5	19.9	
	52					96	90.8	85.6	80.4	72.9	65.7	59.6	54.8	50.1	45.9	42.7	39.5	36.4	33.5	31.3	29.4	27.4	25.6	22.9	19.8	16.9
0	16.3	186.3	161.2	141.6	125.9	110.7	93.6	80.6	70.3	48.8	31.8															
	21.8	186.5	161.5	142.1	126.4	112.1	95.2	82.1	71.9	48.9	34.7	24.7	18.1	13.4												
	27.2		161.7	142.3	126.8	111.6	95.9	82.9	69.7	47	34	25.4	19.5	14.6	11	8.3										
	32.7		156.8	140	125.4	107	92.9	80	64.9	45	32.8	24.8	19.1	14.9	11.6	8.8	6.6	4.5	2.9							
	38.2			134.7	118.2	101.6	88.7	73.7	59.6	41.7	30.8	23.3	17.9	13.9	10.8	8.3	6	3.8	2.2							
	43.7				110.2	95.3	82.3	66.5	54.1	38.2	28.1	21.3	16.2	12.4	9.4	6.8	4.2	2.5								
	49.1					83.2	69.5	58.8	49	34.5	25.3	18.8	14.2	10.5	7.5	4.5	2.5									
	50.1					81.2	68	57.9	48.6	34.4	25.2	18.9	14.2	10.6	7.7	4.7	2.6									
	51					79.1	66.5	56.9	48	34.2	25.2	18.8	14.3	10.7	7.8	4.8										
	52					76.5	64.5	55.3	47.1	33.5	24.7	18.4	13.8	10.3	7.4	4.4	2.4									

Main boom

- Outrigger base: 10×9.9 m
- Ballast: 204 - 0 t

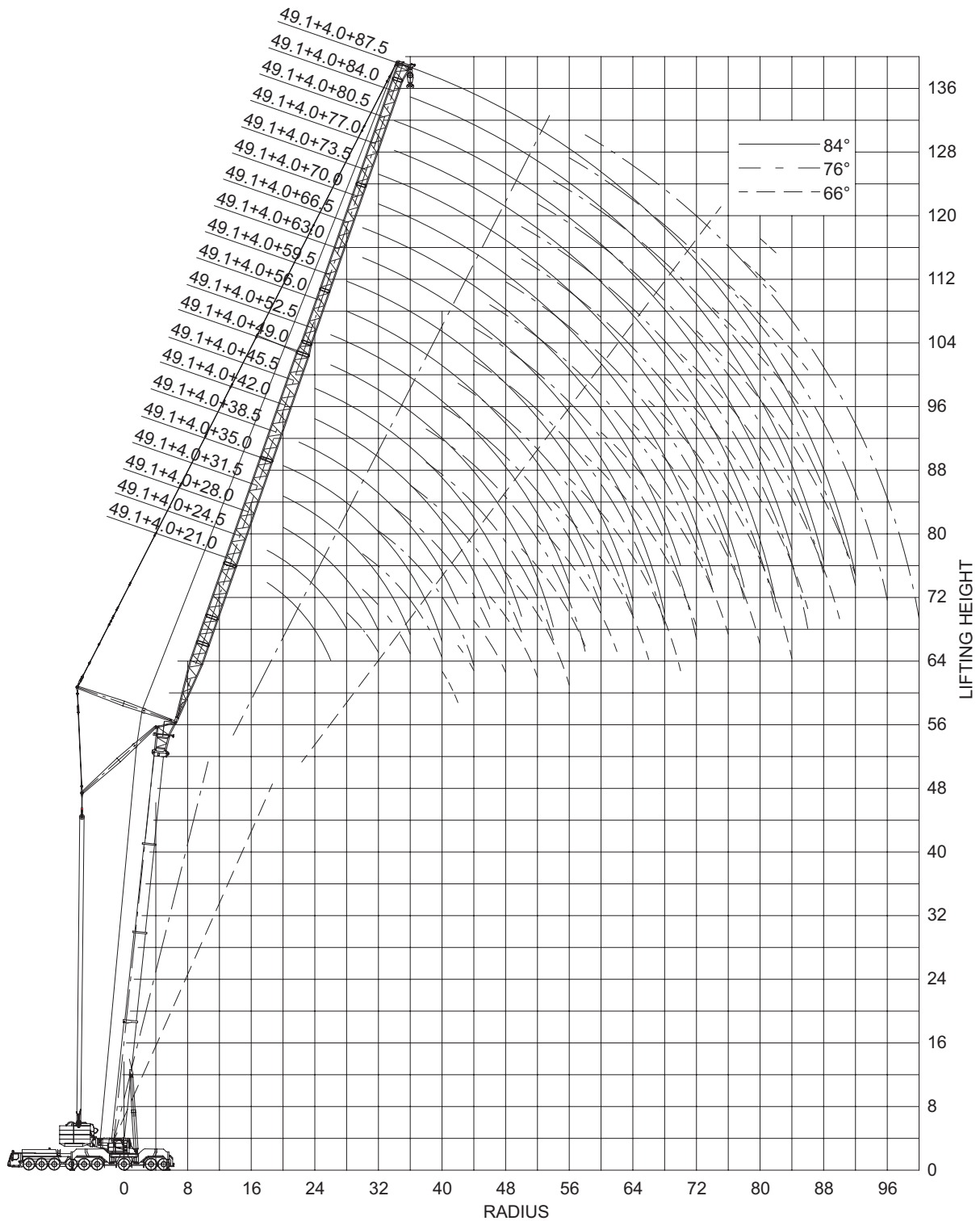| Ballast (t)	Boom length (m)	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	42	46	50
174	16.3								182.7	157.2	136.7															
	21.8								181.8	156.1	135.5	116.3	101.4	89.6												
	27.2									156.5	136.2	116.9	102.1	90.1	80.4	72.4										
	32.7										133.8	118.1	103.2	91.2	81.5	73.4	66.6	60.8	56							
	38.2											96.9	85.9	77.6	69.3	62.1	57	51.8	47.5	44	40.6	37.9	35.4			
	43.7											85.5	76.7	68.6	63.2	57.8	52.4	48.4	45.1	41.8	38.8	36.3	33.7	31.5	28	
	49.1											68.9	62.9	57	52.9	49	45.1	41.4	38.7	36.3	33.9	31.7	30	26.7	24	
	50.1											67.4	61.8	56.2	52	48.3	44.6	40.9	38.1	35.8	33.5	31.2	29.5	26.4	23.8	
	51											65.8	60.6	55.4	51	47.5	44	40.5	37.4	35.2	33	30.9	29	26	23.5	
	52											59.6	54.8	50.1	45.9	42.7	39.5	36.4	33.5	31.3	29.4	27.4	25.6	22.9	20.5	18.8
23	16.3	268.9	268.9	261.2	215	165.8	118.6	90.7	72.4	47.1	32.8															
	27.2		218.5	193.5	173.5	131.5	100.1	79.7	65.8	46.9	35.3	27.3	21.1	16.5	12.9	10.1										
	32.7		202	183	153.3	118	92.2	74.6	61.9	45.1	34.2	26.6	21.1	17	13.5	10.7	8.4	6.6	5.2							
	38.2			149.1	115.8	93.7	77.7	63.3	52.3	37.2	27.6	20.7	15.6	11.7	8.7	5.7	3.2									
	43.7				101.2	84.3	71.7	62	53	39.1	29.8	23.3	18.3	14.5	11.5	9	6.9	4.8	3	1.8						
	49.1					71.4	61.3	53.5	47	35.7	27.1	21	16.4	12.7	9.8	7.4	4.8	2.9								
	50.1					70	60.2	52.5	46.3	35.6	27.1	21	16.4	12.8	9.9	7.5	5	2.9								
	51					68.5	59.2	51.7	45.5	35.5	27	20.9	16.4	12.8	10	7.6	5.1	3.1								
	52					66.6	57.6	50.4	44.5	34.9	26.6	20.6	16	12.5	9.7	7.3	4.7	2.8								

Dimensions are in meters.
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from current data. Always contact Mammoet for current project calculations.

Guyed main boom

- Outrigger base: 12×12 m
- Ballast: 204 - 0 t

Ballast (t)	Boom length (m)	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	46	50
204	27.2	268.9	268.9	268.9	268.9	255.2	233.2	214.4	198.4	171.5	150.6	133.5	119.4	107.5	96	85.6											
	32.7		268.4	267	264.3	255.5	234.4	215.8	199.6	173.2	152.3	135.4	121.4	109.6	98.8	88.5	79.9	72.4	62.9								
	38.2			258.5	249.9	241.8	230.1	213.7	199	173.2	152.5	135.7	121.6	110	99.4	89.3	80.6	73.2	66.8	61.3	56.3	43.3					
	43.7				238.6	230	220.7	207.3	193.4	170.3	151.5	135.8	121.8	110.2	99.7	89.6	80.9	73.6	67.2	61.6	56.7	52.4	48.5	44.1	27.6		
	49.1					223	212.6	201.9	191.2	180.6	159.3	139.9	126.9	113.8	102.5	94.3	86.2	78	71	66	61	56.1	52	48.3	44.8	41.7	32.2
	50.1				217.6	209.1	199.1	189.1	178.9	158.5	138.7	126.1	113.5	102.2	93.8	86.1	78.3	70.7	65.9	61.1	56.3	51.8	48.5	45	41.9	35.6	
	51					205.5	196	186.5	176.8	157.3	138	125.2	113.3	102.1	93.5	86	78.5	71.1	65.8	61.2	56.6	52	48.6	45.2	42	36.6	
	52					201.7	192.6	183.6	174.5	155.9	137.3	124	112.4	101.2	92.4	85.3	78.2	71.1	65.3	60.8	56.4	52	48.3	45.1	42	36.5	21.6
174	27.2									180.8	154.2	133.8	116.2	100.3	87.4	76.8	67.9										
	32.7										156	135.7	118.6	102.8	90.1	79.6	70.9	63.6	57.2	51.7							
	38.2										155.2	135.1	118	102.2	89.5	79.1	70.4	63.1	56.8	51.4	46.7	42.5	38.8				
	43.7										151	132.8	115.6	101.1	89.4	79	70.4	63.1	56.8	51.4	46.7	42.6	38.9	35.6	32.7	25.8	
	49.1											130	113.3	99.9	88.6	79.4	71.5	64.5	58.3	52.8	48.1	44	40.3	37	34.1	31.5	26.8
	50.1											129.5	112.9	99.5	88.4	79.1	71.4	64.6	58.4	53	48.3	44.2	40.5	37.2	34.3	31.7	27.1
	51											128.8	112.4	99.2	88.2	79.1	71.2	64.6	58.6	53.2	48.5	44.3	40.7	37.4	34.5	31.8	27.2
	52										128.1	111.6	98.4	87.7	78.6	70.9	64.2	58.5	53.1	48.4	44.3	40.6	37.3	34.4	31.7	27.2	21.6
104	27.2	268.9	268.9	268.9	266.8	245.5	224.2	206	190.3	156.1	130	110.2	94.8	81.6	67.8	57											
	32.7		268.4	267	264	246.4	225.4	207.4	191.6	158.7	132.5	112.8	97.4	85.1	71.7	61	52.5	45.6	39.7								
	38.2			260.7	251.9	239.3	220.6	203.8	185.4	153.9	130.9	112.2	96.7	84.3	71.1	60.5	52.1	45.2	39.6	34.8	30.6	26.9					
	43.7				238.6	230	214.3	197.4	179.3	150.1	128.2	111.1	97.3	85.8	73.1	62.6	54.1	47.2	41.5	36.7	32.6	29.1	26	23.1	20.5		
	49.1					223	212.6	201.9	188.6	171.5	144.1	123.6	107.4	94.5	83.7	72.8	62.5	53.9	47.1	41.4	36.6	32.5	29	25.9	23	20.5	16.1
	50.1				217.6	209.1	199	187	170.2	143.4	122.9	106.9	94.2	83.6	72.5	62.7	54.2	47.3	41.6	36.8	32.7	29.2	26.1	23.3	20.7	16.4	
	51					205.5	196	185.1	168.9	142.5	122.4	106.5	93.8	83	72.4	62.8	54.4	47.6	41.8	37	32.9	29.4	26.3	23.5	20.9	16.6	
	52					201.7	192.6	182.7	167.4	141.3	121.5	105.8	93.1	82.5	71.8	62.5	54.3	47.5	41.8	36.9	32.9	29.3	26.2	23.4	20.9	16.5	13
23	27.2	268.9	268.9	262.9	220.1	167	125.2	98	79.4	54.1	38.4	27.5	19.6	13.5	8.7	3.7											
	32.7		260.9	250.6	192.8	150.1	118.8	95.1	77.9	55.1	40.3	30	22.4	16.6	12	8.3	4.6	1.8									
	38.2			201.3	156.2	126.3	104.7	88.2	73.5	52.5	39	29.3	22.1	16.6	12.2	8.6	5.2	2.3									
	43.7				129.6	107.1	90.5	77.5	67	49.7	37	28.1	21.2	16	11.8	8.4	4.9										
	49.1					109.3	91.9	78.5	67.9	59.2	45.8	34.7	26.2	19.8	14.8	10.8	7.4	3.8									
	50.1					106.8	90	77	66.7	58.3	45.4	34.6	26.2	19.9	14.9	10.9	7.5	4.2									
	51						88.2	75.7	65.6	57.4	44.8	34.6	26.2	20	15.1	11.1	7.8	4.4									
	52						85.9	73.9	64.2	56.2	43.8	34.2	25.9	19.6	14.8	10.8	7.6	4									
0	27.2	268.9	268.9	268.9	252	213.8	155.8	115.3	90.2	58.1	39.8	27.6	19	12.6	7.5	2.4											
	32.7		268.4	267	241.8	200.4	144.6	110.5	87.6	59.2	41.9	30.4	22.1	15.9	11.1	7.3	3.2										
	38.2			258.5	220.9	168.5	130.8	102.1	81.9	56.1	40.5	29.7	21.8	16	11.4	7.7	3.8										
	43.7				173.6	136.7	111.7	92.7	75.9	52.8	38.2	28.3	20.9	15.4	10.9	7.3	3.6										
	49.1				140.1	113.6	94.5	80.1	68.7	49.1	35.7	26.3	19.5	14.1	9.9	6.1	2.7										
	50.1				136	110.9	92.5	78.5	67.6	48.9	35.5	26.3	19.6	14.3	10	6.5											
	51					108.1	90.5	77	66.3	48.7	35.5	26.3	19.6	14.4	10.2	6.7											
	52					104.8	88	75	64.8	47.9	35	25.9	19.2	14.1	10	6.3	2.9										

t = metric tons.
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Legend:
- —— 0°
- – – 10°
- – – 20°
- – – 40°

Configuration labels (left axis):
- 49.1+2.3+62.0
- 49.1+2.3+58.5
- 49.1+2.3+55.0
- 49.1+2.3+51.5
- 49.1+2.3+48.0
- 49.1+2.3+44.5
- 49.1+2.3+41.0
- 49.1+2.3+37.5
- 49.1+2.3+34.0
- 49.1+2.3+30.5
- 49.1+2.3+27.0
- 49.1+2.3+23.5
- 49.1+2.3+20.0
- 49.1+2.3+16.5
- 49.1+2.3+13.0
- 49.1+2.3+9.5
- 49.1+2.3+6.0

Lifting height axis (right): 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104, 112, 120

LIFTING HEIGHT

Radius axis (bottom): 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

RADIUS

Dimensions are in meters.
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from current data. Always contact Mammoet for current project calculations.

Main boom with fixed jib

- Outrigger base: 12×12 m
- Ballast: 204 - 0 t

Boom length (m)	Jib length (m)	Jib offset (°)	8	9	10	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94
49.1	6	0	76.1	72.7	69.3	63.1	57.9	53	49.2	45.5	41.9	39.2	36.5	33.9	31.3	27.3	23.5	20.8	18.2	16.2	14.5										
		10			67.1	61.2	56.3	51.7	48	44.5	41.3	38.7	36.1	33.5	31.3	27.1	23.6	20.6	18.3	16.2											
		20				60	55.3	50.9	47.3	43.8	41	38.3	35.7	33.4	31.2	27.2	23.7	20.8	18.3												
		40					48.3	46.8	45.4	44.1	42.2	40.2	37.7	35.1	32.9	30.8	27.2														
	9.5	0		65.4	62.6	57.2	52.9	48.7	45	42	38.9	36.2	34.1	32	29.9	26.2	22.9	20	17.7	15.6	13.9	12.5									
		10				55.2	50.8	47.1	43.5	40.7	37.9	35.4	33.3	31.3	29.2	25.9	22.8	20.1	17.7	15.7	13.9										
		20				49.5	46	42.7	39.9	37.2	34.9	32.8	30.7	28.9	25.6	22.7	20.1	17.8	15.8												
		40					37.6	36.6	35.6	34.6	33.5	32.1	30.2	28.3	25.2	22.6															
	13	0		58.8	56.6	52	48.1	44.6	41.1	38.5	35.9	33.4	31.3	29.6	27.9	24.5	21.8	19.2	17	15	13.3	11.8	10.7								
		10				49.9	46.2	42.9	40	37.2	34.9	32.7	30.7	29	27.3	24.1	21.5	19.1	17.1	15.2	13.5	12									
		20					41.5	38.9	36.3	34.1	32	30.1	28.4	26.7	23.8	21.1	18.9	17	15.2	13.5											
		40						30.3	29.6	29.1	28.5	28	27.4	26.2	23.3	20.9	18.8														
	20	0			45.5	42.9	40.2	37.7	35.3	32.8	30.8	29	27.2	25.6	24.2	21.6	19.1	17.2	15.4	13.8	12.5	11.1	9.9	8.8							
		10					35.3	33.8	32.4	31	29.7	28.2	26.6	25	23.6	21.3	19	17.1	15.3	13.8	12.4	11.2	10	9							
		20							28	26.9	25.9	25	24.1	23.2	22.3	20.5	18.7	16.8	15.1	13.7	12.3	11.2	10.1								
		40											18.7	18.3	17.9	17.5	16.9	16.4	16	15.1	13.7										
	23.5	0				37.6	35.7	33.9	32.2	30.5	28.8	27.3	25.7	24.1	22.8	20.5	18.3	16.4	14.8	13.3	12	10.8	9.7	8.7	7.8						
		10						28.9	27.7	26.6	25.6	24.6	23.7	22.7	21.8	19.9	18	16.2	14.6	13.1	11.9	10.7	9.7	8.8	7.8						
		20								23.3	22.4	21.6	20.8	20.2	19.5	18.4	17.4	16.1	14.5	13.1	11.9	10.8	9.8	8.9							
		40											15.4	15.1	14.7	14.1	13.6	13.2	12.9	12.5	11.8										
	27	0				32.8	31.1	29.5	28.2	26.9	25.6	24.4	23.3	22.2	21	19.1	17.2	15.3	13.8	12.5	11.2	10.1	9.1	8.2	7.3	6.5					
		10							24.3	23.2	22.4	21.5	20.7	19.9	19.2	17.7	16.4	15.1	13.8	12.5	11.2	10.2	9.1	8.3	7.5						
		20									19.4	18.6	18	17.3	16.7	15.7	14.8	13.9	13.1	12.2	11.2	10	9.1	8.2							
		40												13.2	12.9	12.3	11.8	11.3	11	10.7	10.6	10.1									
	34	0				25.8	24.5	23.3	22.2	21.2	20.2	19.2	18.4	17.7	17	15.6	14.4	13.2	12.1	11.1	10.1	9	8.1	7.3	6.5	5.9	5.2	4.6			
		10								18	17.2	16.5	15.9	15.2	14.7	13.6	12.7	11.8	11	10.2	9.6	8.9	8.1	7.2	6.5	5.8	5.2			
		20											13.8	13.3	12.8	11.9	11.1	10.4	9.8	9.2	8.8	8.3	7.8	7.2	6.5	5.8				
		40														9.1	8.6	8.2	7.8	7.5	7.3	7.1	7								
	37.5	0				22.8	21.8	20.7	19.7	18.8	18	17.1	16.3	15.7	15.1	13.8	12.8	11.9	11	10.1	9.3	8.4	7.6	6.9	6.2	5.5	4.9	4.4	3.9		
		10								15.9	15.3	14.6	14.1	13.5	13	12.1	11.2	10.4	9.7	9	8.4	7.9	7.3	6.7	6.1	5.5	4.9	4.4		
		20												12.1	11.7	10.8	10.1	9.4	8.8	8.3	7.8	7.4	7.1	6.8	6.3	5.6	5			
		40														7.5	7.1	6.7	6.4	6.2	6	5.8	5.7								
	41	0					19.4	18.5	17.5	16.7	16	15.3	14.5	13.9	13.4	12.3	11.3	10.5	9.7	9	8.3	7.6	6.9	6.2	5.6	5	4.4	4	3.5		
		10									13.9	13.3	12.8	12.3	11.8	11	10.2	9.5	8.8	8.2	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4	3.6		
		20												10.7	10.3	9.6	8.9	8.2	7.7	7.2	6.7	6.3	6	5.7	5.4	4.6	4.1			
		40																6	5.7	5.4	5.1	4.9	4.7	4.6	4.5					
	44.5	0						17.4	16.6	15.8	15	14.4	13.7	13.1	12.4	11.9	11	10	9.3	8.6	7.9	7.3	6.8	6.3	5.8	5.2	4.7	4.2	3.7	3.3	2.9
		10									12.5	12	11.5	11	10.6	9.8	9.1	8.4	7.8	7.3	6.7	6.2	5.8	5.4	5	4.7	4.3	3.9	3.5	3	
		20													9.2	8.5	7.9	7.3	6.8	6.3	5.9	5.5	5.2	4.8	4.6	4.4	4.1	3.9	3.5		
		40																5.2	4.9	4.6	4.4	4.1	4	3.8	3.7	3.7				
	48	0					15.6	14.8	14.1	13.4	12.8	12.2	11.6	11	10.6	9.7	8.9	8.2	7.5	6.9	6.3	5.8	5.4	5	4.5	4	3.6	3.2	2.8	2.4	2
		10										10.6	10.2	9.7	9.4	8.6	8	7.3	6.8	6.3	5.8	5.4	5	4.6	4.3	4	3.8	3.4	3	2.6	2.2
		20													7.5	6.9	6.4	5.9	5.4	5.1	4.7	4.4	4.1	3.8	3.6	3.5	3.3	3.1	2.6		
		40																4.1	3.9	3.6	3.5	3.3	3.1	3	2.9	2.9				
	51.5	0					14.1	13.6	13	12.4	11.9	11.4	10.9	10.4	9.9	9.1	8.3	7.7	7.1	6.5	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1	2.8	2.4	2.1
		10											9.2	8.8	8.4	7.8	7.1	6.6	6.1	5.6	5.2	4.8	4.4	4.1	3.8	3.6	3.3	3	2.7	2.4	2.1
		20														6.7	6.2	5.7	5.3	4.9	4.5	4.1	3.8	3.6	3.4	3.2	3	2.9	2.7	2.5	
		40																	3.4	3.2	3	2.8	2.7	2.6	2.5	2.4	2.4			
	55	0							12.3	11.7	11.1	10.6	10.1	9.7	9.2	8.8	8	7.3	6.7	6.2	5.7	5.1	4.7	4.3	4	3.6	3.3	3	2.6	2.3	1.9
		10											8.1	7.8	7.4	6.8	6.2	5.7	5.3	4.8	4.5	4.1	3.7	3.5	3.2	2.9	2.7	2.5	2.3	2	
		20														5.3	4.9	4.5	4.2	3.8	3.5	3.3	3	2.8	2.6	2.4	2.3	2.1	1.9		
		40																	2.5	2.3	2.1	1.9	1.7							
	58.5	0							11	10.5	9.9	9.5	9	8.6	8.2	7.8	7.1	6.5	5.9	5.3	4.9	4.4	4	3.6	3.2	3	2.7	2.4			
		10												6.9	6.6	6	5.4	4.9	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.7			
		20															4.6	4.2	3.8	3.5	3.1	2.8	2.5	2.2	2	1.7				
	62	0								9.5	9.3	8.8	8.4	8	7.6	7.2	6.9	6.2	5.6	5.1	4.5	4.1	3.7	3.3	2.9	2.5	2.2	1.9			
		10													5.7	5.1	4.6	4.2	3.8	3.3	2.9	2.6	2.2	1.8							
		20																3.2	2.9	2.5	2.2	1.8									

MAMMOET

LIEBHERR LTM 1750-9.1
LOAD TABLE FOR TF

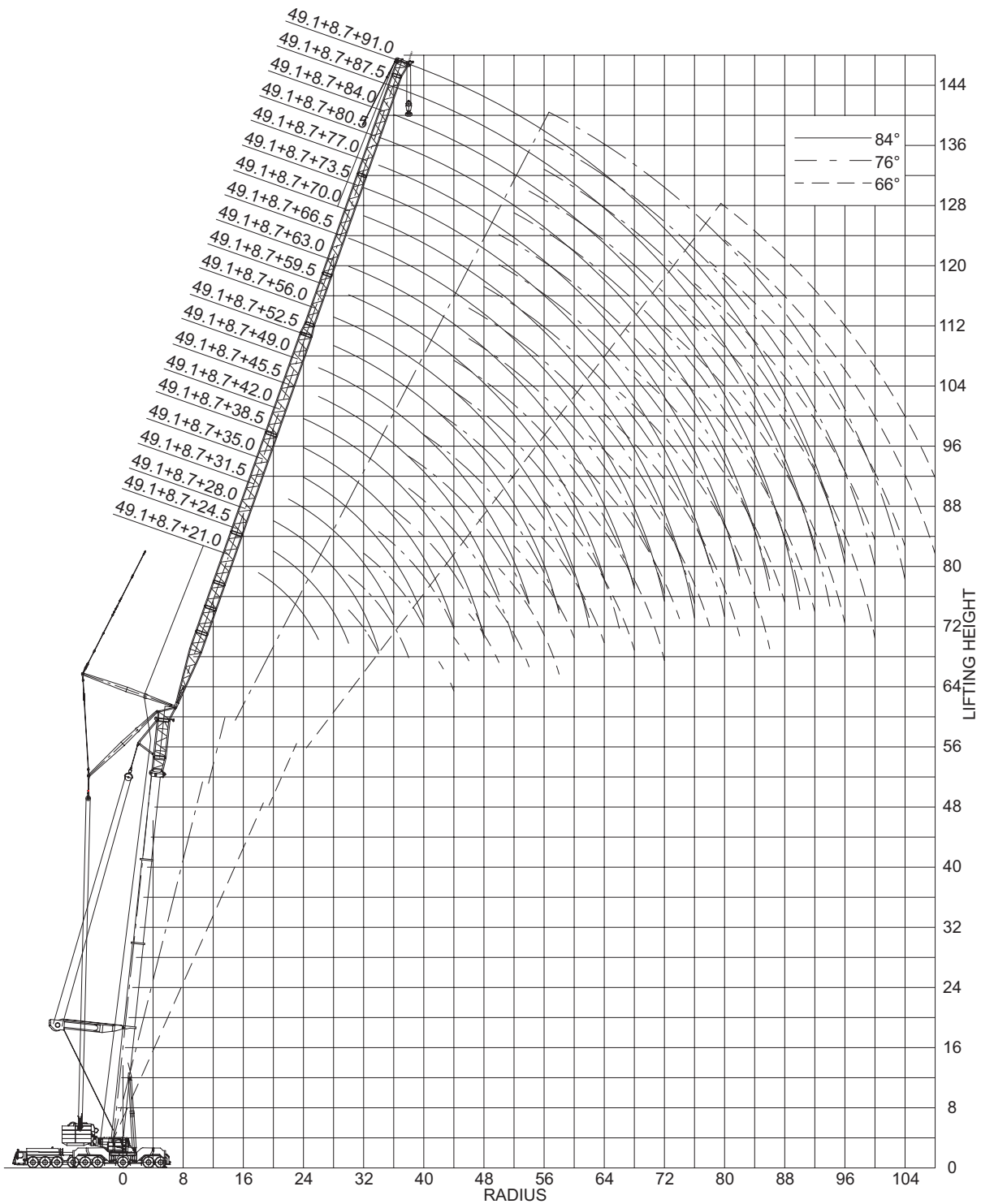| Boom length (m)	Jib length (m)	Jib offset (°)	8	9	10	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94
																					Radius (m)										
38.2	6	0	99.2	96.6	93.3	86.6	78.9	70.9	64.1	58.7	53.3	48.2	44.7	41.3	37.9	33	28.6	24.7													
		10	87.6	85.4	83.3	78.9	73.7	69	63.5	57.9	52.4	48.1	44.4	40.8	38	32.9	28.6	24.8													
		20	72.1	70.3	68.6	65.2	62.5	59.9	56.9	53.9	50.7	47.2	43.9	40.8	37.9	33	28.8														
		40			51.1	49	47.2	45.6	44.2	43	42	41.1	40.3	39.5	37.6																
	9.5	0	96.2	94.4	90.8	81.5	72.9	66.5	60.3	55.2	50.8	46.4	42.4	39.4	36.6	31.5	27.7	24.3	21.3												
		10		79.9	76.9	71.2	65.6	61.1	56.8	52.9	49.2	45.5	42.2	39.2	36.2	31.6	27.7	24.5	21.5												
		20			61	57	53.4	50.4	47.6	45.4	43.2	41.2	39.6	38	36	31.4	27.7	24.6													
		40				41.2	39.6	38.2	37	35.9	34.9	34.1	33.4	32.7	32.2	31.1															
	13	0	82.1	78.9	75.9	70.9	66.1	61.2	56.4	51.9	48	44.5	40.9	37.7	35.1	30.3	26.7	23.4	20.9	18.5											
		10			62.4	58.5	55.3	52.2	49.7	47.2	44.8	42.3	39.9	37.4	35	30.2	26.7	23.6	21												
		20				49.5	47.1	44.9	43	41.2	39.7	38.3	36.9	35.4	33.8	30.3	26.6	23.6	21.1												
		40					31.8	30.9	30.1	29.4	28.8	28.2	27.7	27.3	26.8																
	20	0	58.2	55.9	53.6	49.7	46.3	43	40.6	38.2	36	34	32.2	30.5	28.7	26	23.7	21.5	19.4	17.5	15.7	14.3									
		10				41.1	38.7	36.5	34.3	32.6	30.9	29.2	28	26.7	25.5	23.4	21.4	19.9	18.5	17.3	15.9										
		20						30.6	29.1	27.8	26.6	25.4	24.3	23.3	22.4	20.8	19.4	18.3	17.4	16.6											
		40								20.2	19.6	19	18.5	18	17.6	16.9	16.3	16													
	23.5	0	50.2	48.5	46.7	43.1	40.3	37.5	35.1	33.2	31.3	29.4	27.9	26.5	25.1	22.5	20.7	18.9	17.5	16.3	15.1	13.9	12.7								
		10					33.2	31.4	29.7	28.1	26.7	25.3	24	23	22	20.1	18.7	17.4	16.3	15.4	14.8	13.9									
		20							25.4	24.2	23.1	22.1	21.2	20.4	19.7	18.3	17.2	16.3	15.5	14.9	14.5										
		40										16.2	15.7	15.3	14.9	14.2	13.6	13.2	12.9												
	27	0		42.4	40.8	37.7	35.2	32.9	30.5	28.9	27.3	25.7	24.3	23.1	22	19.7	17.9	16.4	15	14	13	12.2	11.6								
		10					29	27.3	25.9	24.6	23.3	22.1	21	19.9	19.1	17.4	16	14.9	13.9	13	12.3	11.8	11.4								
		20							22.2	21.1	20.1	19.2	18.4	17.6	16.9	15.7	14.6	13.7	13	12.4	11.9	11.6									
		40											13.9	13.5	13.1	12.4	11.8	11.3	10.9	10.7											
	34	0			32.3	30	27.9	26.2	24.5	22.8	21.7	20.5	19.3	18.2	17.4	15.8	14.2	12.9	11.8	10.7	9.9	9.2	8.6	8.1	7.6						
		10					21.8	20.6	19.5	18.5	17.6	16.8	16	15.2	13.9	12.6	11.6	10.7	9.9	9.3	8.6	8.2	7.8	7.6							
		20								15.9	15.1	14.4	13.7	13.1	12	11.1	10.3	9.6	9	8.5	8.1	7.8	7.6								
		40														9.2	8.7	8.2	7.8	7.5	7.2	7									
	37.5	0				28.6	26.7	24.8	23.3	21.9	20.5	19.3	18.3	17.3	16.3	15.4	14.1	12.8	11.6	10.6	9.6	8.8	8.1	7.5	7	6.5	6.2				
		10							18.4	17.4	16.5	15.7	14.9	14.3	13.6	12.4	11.3	10.3	9.5	8.7	8.1	7.6	7.1	6.7	6.4						
		20										13.9	13.3	12.7	12.1	11	10.2	9.4	8.7	8.1	7.6	7.2	6.8	6.5	6.3						
		40														8.1	7.6	7.1	6.7	6.4	6.1	5.9									
	41	0				24.4	22.7	21.3	20	18.8	17.6	16.7	15.8	14.9	14.1	12.8	11.7	10.6	9.6	8.7	7.9	7.2	6.6	6.1	5.7	5.3					
		10							15.6	14.8	14.1	13.4	12.7	12.1	11	10.1	9.2	8.3	7.7	7	6.5	6.1	5.7	5.3	5.1						
		20											11.9	11.3	10.8	9.8	9	8.3	7.6	7.1	6.5	6.1	5.8	5.5	5.2	5.1					
		40																6.6	6.1	5.7	5.4	5.1	4.9	4.7							
	44.5	0					22	20.5	19.2	18.1	17	15.9	15	14.3	13.5	12.8	11.5	10.5	9.5	8.6	7.8	7.1	6.5	5.9	5.4	4.9	4.6	4.3			
		10								14.1	13.4	12.7	12.1	11.5	10.9	9.9	9	8.3	7.5	6.8	6.3	5.7	5.3	4.9	4.6	4.3	4.1				
		20												10.2	9.8	8.9	8.1	7.4	6.8	6.2	5.8	5.3	5	4.7	4.4	4.2					
		40																	5.4	5	4.6	4.3	4.1	3.9	3.8						
	48	0						19.7	18.5	17.3	16.3	15.3	14.4	13.5	12.8	12.1	11.5	10.2	9.3	8.5	7.6	6.9	6.3	5.6	5.1	4.7	4.2	3.9	3.6		
		10										12.4	11.8	11.2	10.6	10.1	9.2	8.3	7.6	6.9	6.2	5.7	5.2	4.7	4.3	4	3.7	3.5	3.3		
		20													8.7	7.9	7.2	6.5	6	5.4	5	4.6	4.2	3.9	3.7	3.5	3.4				
		40																	4.6	4.2	3.9	3.7	3.4	3.3	3.1	3					
	51.5	0						17.8	16.7	15.7	14.7	13.9	13.1	12.3	11.6	11	10.5	9.3	8.5	7.7	6.9	6.2	5.6	5.1	4.6	4.2	3.8	3.5	3.2		
		10										11.3	10.7	10.2	9.7	9.2	8.3	7.6	6.9	6.3	5.7	5.1	4.6	4.2	3.8	3.6	3.3	3.1			
		20														7.2	6.5	5.9	5.4	4.9	4.4	4.1	3.7	3.5	3.3	3.1	2.9	2.8			
		40																	3.8	3.5	3.3	3	2.8	2.7	2.6	2.5					
	55	0					16	15.1	14.2	13.3	12.5	11.8	11.1	10.4	9.9	9.4	8.4	7.5	6.8	6.1	5.4	4.9	4.4	4	3.6	3.2	2.9	2.6	2.4	2.2	2
		10											9.6	9.1	8.6	8.2	7.4	6.7	6	5.5	5	4.5	4.1	3.7	3.3	3.1	2.8	2.6	2.4	2.2	2.1
		20																6.3	5.7	5.2	4.7	4.2	3.9	3.5	3.2	2.9	2.7	2.5	2.3	2.2	2.1
		40																			2.9	2.6	2.3	2.1	1.9	1.8					
	58.5	0					13.6	13	12.3	11.6	11	10.4	9.7	9.2	8.7	7.8	6.9	6.3	5.6	5	4.4	4	3.6	3.2	2.9	2.6	2.3				
		10										8.6	8.2	7.7	7.3	6.5	5.9	5.3	4.8	4.3	3.8	3.4	3.1	2.8	2.4	2.1	1.8				
		20																5	4.5	4.1	3.6	3.3	2.9	2.6	2.2	2	1.7				
	62	0						12.6	11.8	11.1	10.4	9.9	9.3	8.7	8.2	7.7	6.9	6.1	5.5	4.9	4.3	3.8	3.4	3	2.5	2.1	1.7				
		10													7.2	6.8	6.4	5.8	5.1	4.6	4	3.6	3.2	2.7	2.3	1.9					
		20														4.3	3.7	3.2	2.8	2.4	2										

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.

MAMMOET — THE BIGGEST THING WE MOVE IS TIME

49.1+7.3+55.0
49.1+7.3+51.5
49.1+7.3+48.0
49.1+7.3+44.5
49.1+7.3+41.0
49.1+7.3+37.5
49.1+7.3+34.0
49.1+7.3+30.5
49.1+7.3+27.0
49.1+7.3+23.5
49.1+7.3+20.0
49.1+7.3+16.5
49.1+7.3+13.0
49.1+7.3+9.5
49.1+7.3+6.0

	0°
	10°
	20°
	40°

LIFTING HEIGHT

112 104 96 88 80 72 64 56 48 40 32 24 16 8 0

0 8 16 24 32 40 48 56 64 72 80 88 96 104

RADIUS

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.

Guyed main boom with fixed jib

- Outrigger base: 12×12 m
- Ballast: 204 - 34 t

Boom length (m)	Jib length (m)	Jib offset (°)	7	8	9	10	12	14	16	18	20	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98	102
49.1	6	0		105.1	104.1	102.8	100.2	97.6	94.9	90.3	85.2	80.1	69.3	58.5	50	43	37.1	32.3	27.8	24.1	19.7											
		10			91.5	90	86.5	82.2	78	74.1	71.4	68.7	63.8	58.9	51.2	43.6	38	32.7	28.3	24.4												
		20				71.9	69.4	66.8	64.4	62.5	60.5	58.6	55.6	52.2	48.5	43.5	38.3	33.2	28.6													
		40					51.6	50.1	48.8	47.5	46.3	45.2	43.4	41.9	40.7	39.7																
	9.5	0			102.5	101.3	99	95.7	92.3	88.4	83.1	77.9	68.1	59.1	50.4	44.1	37.9	33.2	28.9	25.2	21.8	16										
		10				85.6	80.5	75.6	71.3	67.3	64	60.8	55.3	50.4	46.3	42.7	38.6	33.9	29.6	25.6	22.1											
		20					62.7	59.7	57	54.3	52.1	49.8	46.2	42.7	40.2	37.8	35.9	33.3	29.9	25.9												
		40						41.4	40.3	39.2	38.2	37.3	35.7	34.3	33.2	32.3	31.6															
	13	0			89	86.3	80.9	76.4	72.4	68.4	65.2	62.3	56.8	52.4	48.2	43.5	38.5	33.8	29.6	25.8	22.4	19.4	12.6									
		10					64.3	61.4	58.9	56.5	54.3	52.2	48.2	45.1	42.2	39.9	37.6	34.2	30.3	26.3	22.8	19.7										
		20						50.9	48.9	47.2	45.5	44	41.2	38.9	36.9	35.2	33.8	32.5	30.2	26.8	23.1											
		40							32	31.3	30.7	29.6	28.6	27.8	27.2	26.7	26.4															
	20	0			59.9	56.1	52.3	49.4	46.6	43.9	41.8	37.8	34.6	32	29.3	27.2	25.3	23.4	21.8	20.3	19	17.9	15.3	6.7							
		10						41.4	39.4	37.7	36.1	34.6	32.1	29.7	27.7	25.7	24	22.3	21	19.7	18.6	17.7	16.9	15.9								
		20								31.3	30.1	29	27.1	25.3	23.7	22.2	20.9	19.8	18.8	18	17.3	16.7	16.3								
		40										20.2	19.3	18.5	17.8	17.2	16.7	16.3	15.9	15.7											
	23.5	0					48.4	45.2	42.5	40.2	37.8	35.8	32.5	29.6	27.3	25.2	23.2	21.6	20	18.7	17.6	16.6	15.7	14.9	13.2							
		10							33.6	32	30.6	29.3	27.1	25.1	23.4	21.8	20.3	19.1	17.9	17.1	16.2	15.5	14.9	14.5	14.1							
		20									26	25	23.2	21.7	20.4	19.2	18.2	17.3	16.6	15.9	15.3	14.9	14.5	14.3								
		40											16.3	15.5	14.9	14.3	13.8	13.4	13.1	12.9											
	27	0					42	39.3	36.8	34.8	32.9	30.9	28.1	25.5	23.4	21.6	19.9	18.5	17.2	15.9	14.9	14.1	13.2	12.5	11.9	8.9					
		10							29	27.6	26.4	25.3	23.2	21.5	20	18.7	17.4	16.3	15.3	14.4	13.6	12.9	12.4	11.9	11.5	11.3						
		20									22.2	21.5	20	18.6	17.4	16.4	15.4	14.6	13.9	13.3	12.7	12.3	11.9	11.6	11.4							
		40											13.6	13	12.4	11.9	11.5	11.2	10.9	10.7											
	34	0						32.8	30.9	29	27.3	25.8	24.4	21.9	19.9	18.1	16.7	15.4	14.2	13.2	12.2	11.4	10.6	9.9	9.3	8.7	8.2	7.1	5.2		
		10								21.7	20.7	19.7	18.1	16.7	15.5	14.4	13.4	12.5	11.7	10.9	10.2	9.7	9.1	8.6	8.3	7.9	7.6					
		20											15.2	14.2	13.2	12.3	11.6	10.8	10.2	9.7	9.2	8.7	8.3	8	7.7	7.6						
		40													9.6	9.1	8.7	8.3	7.9	7.6	7.4	7.2	7								
	37.5	0							27.4	25.7	24.2	22.9	21.7	19.4	17.7	16.1	14.8	13.6	12.5	11.5	10.8	10	9.3	8.7	8.1	7.5	7.1	6.5	5.6	4.7	
		10									18.4	17.6	16.1	14.8	13.7	12.6	11.8	11	10.3	9.6	9	8.4	7.9	7.5	7.1	6.7	6.4	6.2			
		20											13.9	12.9	12	11.2	10.5	9.8	9.2	8.7	8.2	7.8	7.4	7.1	6.8	6.5	6.4					
		40													7.9	7.5	7.1	6.8	6.5	6.3	6.1	5.9	5.8								
	41	0						24.9	23.5	22	20.9	19.8	17.7	16.1	14.6	13.3	12.3	11.4	10.4	9.7	9	8.4	7.8	7.2	6.7	6.2	5.8	5.5	5.2		
		10										15.6	14.3	13.1	12.1	11.1	10.3	9.7	9	8.4	7.8	7.3	6.8	6.4	6	5.7	5.4	5.1	4.9		
		20												11.4	10.6	9.9	9.2	8.6	8	7.5	7.1	6.6	6.3	6	5.7	5.4	5.2	5.1			
		40														6.4	6.1	5.7	5.5	5.2	5	4.8	4.7	4.6							
	44.5	0							22.4	21.1	19.9	18.8	17.8	15.9	14.5	13.2	11.9	11.1	10.2	9.3	8.6	7.9	7.3	6.8	6.3	5.9	5.4	5	4.7	4.4	3.5
		10										14.1	13	11.9	10.9	10.1	9.3	8.6	8	7.4	6.9	6.5	6	5.6	5.2	4.9	4.6	4.3	4.1	4	
		20											10.1	9.4	8.7	8.2	7.6	7.1	6.6	6.2	5.8	5.4	5.1	4.8	4.6	4.4	4.2	4.1			
		40													5.6	5.3	4.9	4.7	4.4	4.2	4	3.9	3.8	3.7							
	48	0							19	17.9	16.8	16	14.3	12.9	11.7	10.6	9.7	8.9	8.2	7.5	6.9	6.4	5.9	5.4	5	4.6	4.3	4	3.7	3.5	3.3
		10											11.8	10.8	9.9	9.1	8.4	7.8	7.2	6.7	6.2	5.8	5.3	4.9	4.6	4.3	4	3.8	3.6	3.4	3.2
		20													8.3	7.7	7.1	6.6	6.2	5.7	5.3	4.9	4.6	4.3	4	3.8	3.6	3.5	3.3	3.2	
		40															4.4	4.1	3.9	3.7	3.5	3.3	3.2	3.1	3						
	51.5	0							17.1	16.1	15.2	14.4	13	11.6	10.6	9.6	8.7	8	7.4	6.7	6.1	5.7	5.2	4.8	4.4	4.1	3.8	3.5	3.2	3	2.8	2.7
		10											10.7	9.8	9	8.2	7.6	7	6.5	6	5.5	5.1	4.7	4.4	4.1	3.8	3.6	3.3	3.1	2.9	2.8	2.7
		20													7.4	6.9	6.3	5.9	5.5	5.1	4.7	4.4	4.1	3.8	3.6	3.4	3.2	3	2.9	2.8	2.7	
		40															3.7	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4						
	55	0							15.3	14.5	13.7	12.9	11.7	10.4	9.5	8.6	7.7	7	6.4	5.8	5.3	4.8	4.4	4	3.7	3.4	3.1	2.8	2.5	2.3	2.1	2
		10											9.6	8.7	7.9	7.2	6.6	6.1	5.6	5.1	4.7	4.3	4	3.7	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2
		20													6	5.5	5.1	4.7	4.3	4	3.7	3.4	3.2	2.9	2.7	2.5	2.4	2.2	2.1	2		
		40															3.1	2.8	2.6	2.4	2.2	2	1.8								

t = metric tons.
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MAMMOET

LIEBHERR LTM 1750-9.1
LOAD TABLE FOR TYVEF

Boom length (m)	Jib length (m)	Jib offset (°)	7	8	9	10	12	14	16	18	20	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98	102
38.2	6	0	107	105.3	103.6	102	98.8	95.2	91	85.9	80.5	75.4	68	60.4	50.6	43.2	36.9	31.6														
		10		91.9	89.4	86.9	81.8	76.6	72.6	69.4	66.2	63.4	58.3	54.7	49.2	43.5	37.3	31.8														
		20			71.4	69.9	66.8	64	61.6	59.3	56.9	55.5	51.7	47.8	44.6	42.1	37.4															
		40				52.7	50.7	49	47.5	46.1	44.8	43.7	41.8	40.3	39.3																	
	9.5	0	105.6	104	102.5	101	97.7	94.3	88.7	82.7	77	72	62.3	54.6	48.2	42.9	38	33.1	28.5													
		10		88.2	85.3	79.5	73.7	68.8	64.3	60.2	56.8	50.2	45.6	41.4	38.2	35.5	33	28.9														
		20			65.6	61.5	57.9	54.7	51.8	49.3	47.1	43	39.8	37.1	34.9	33.1	31.8															
		40						40.9	39.5	38.3	37.3	36.3	34.5	33.2	32.1																	
	13	0		92.9	89.4	85.8	80	74.6	69.8	65.9	62	58.7	52.9	47.6	43.9	40.3	37.4	34.2	29.6	24.8												
		10				67.7	63.7	60.3	57	54.3	51.6	49.3	45.5	42.1	39.4	37.1	35.1	33	30	25.7												
		20				52.4	50	47.8	45.8	44	42.3	39.4	37	35	33.4	32	31	30.2														
		40						32.5	31.7	30.9	30.2	28.9	28	27.2	26.7																	
	20	0				63	60.5	55.6	51.9	48.1	45	42.5	39.9	35.8	32.3	29.1	26.7	24.3	22.4	20.4	18.9	17.6	16.3									
		10						43.4	40.9	38.8	36.8	34.9	33.2	30.1	27.6	25.3	23.3	21.5	20.1	18.7	17.7	16.8										
		20							32.2	30.7	29.3	28.1	26	24	22.3	20.7	19.5	18.4	17.5	16.8	16.3											
		40										20	19	18.1	17.3	16.7	16.3	15.9														
	23.5	0					54.5	52.4	48.2	44.9	41.8	38.9	36.7	34.6	30.8	28	25.2	23	21	19.3	18	16.7	15.7	14.8	13.6							
		10						35.5	33.5	31.8	30.1	28.7	26	23.9	21.8	20.2	18.7	17.6	16.5	15.7	15	14.5										
		20								26.7	25.5	24.4	22.4	20.8	19.4	18.2	17.2	16.3	15.6	14.9	14.5											
		40												16.1	15.3	14.5	13.9	13.5	13.1	12.8												
	27	0					45.7	42.2	39.1	36.5	34	31.9	30.1	26.8	24.3	22	19.9	18.3	16.7	15.4	14.3	13.3	12.5	11.6	10.2							
		10							29.1	27.5	26.2	24.9	22.7	20.7	18.9	17.3	16.1	14.9	14.1	13.2	12.5	11.9	11.5									
		20									22.2	21.2	19.4	17.9	16.7	15.5	14.6	13.8	13.1	12.5	12	11.7										
		40											14	13.2	12.5	11.9	11.4	11	10.6	10.4												
	34	0						33.4	30.9	28.9	27.1	25.3	23.8	21.2	19	17.3	15.7	14.3	13.1	11.9	11	10.1	9.4	8.8	8.2	7.8						
		10								21.9	20.7	19.7	17.8	16.3	14.9	13.7	12.5	11.6	10.7	10	9.4	8.8	8.3	7.9	7.6							
		20										16.5	15.1	13.8	12.7	11.8	10.9	10.2	9.6	9	8.6	8.2	7.8	7.6								
		40													9.5	8.9	8.4	8	7.7	7.4	7.2											
	37.5	0						29.7	27.6	25.7	24.2	22.7	21.1	19	17	15.4	14	12.7	11.6	10.6	9.7	9	8.3	7.7	7.1	6.6	6.3					
		10								19.5	18.5	17.6	15.9	14.5	13.3	12.2	11.2	10.3	9.5	8.8	8.2	7.6	7.2	6.8	6.5	6.2						
		20										13.7	12.6	11.5	10.6	9.8	9.1	8.5	7.9	7.5	7.1	6.7	6.4	6.2								
		40													8.3	7.8	7.3	6.9	6.6	6.3	6.1	5.9										
	41	0					27	25.2	23.5	22.1	20.7	19.4	17.3	15.4	14	12.7	11.5	10.4	9.6	8.7	8	7.3	6.7	6.2	5.7	5.4						
		10								16.6	15.7	14.2	12.9	11.8	10.8	9.9	9.1	8.4	7.7	7.1	6.6	6.1	5.7	5.4	5.1							
		20										12.3	11.4	10.4	9.6	8.8	8.1	7.5	7	6.6	6.2	5.8	5.5	5.3	5.1							
		40													6.8	6.3	5.9	5.6	5.3	5	4.8	4.7										
	44.5	0						24.2	22.7	21.2	19.9	18.8	17.6	15.7	14.1	12.6	11.5	10.4	9.4	8.6	7.9	7.2	6.6	6.1	5.5	5.1	4.7					
		10									14.9	14.2	12.8	11.6	10.6	9.6	8.9	8.1	7.4	6.8	6.3	5.8	5.4	4.9	4.7	4.4						
		20											10.2	9.4	8.6	7.9	7.3	6.7	6.2	5.7	5.4	5	4.7	4.4	4.2							
		40															5.5	5.2	4.8	4.5	4.3	4.1	3.9	3.8								
	48	0							20.4	19.1	17.9	16.9	15.9	14	12.6	11.3	10.2	9.3	8.4	7.6	7	6.3	5.8	5.3	4.8	4.3	4	3.7	3.4	3.2		
		10											13.2	11.9	10.8	9.8	8.9	8.2	7.5	6.9	6.3	5.7	5.3	4.8	4.4	4.1	3.8					
		20												9	8.3	7.6	7	6.4	5.8	5.3	4.9	4.5	4.2	3.9	3.7	3.5	3.4					
		40															4.7	4.4	4.1	3.8	3.6	3.4	3.2	3.1	3							
	51.5	0							18.4	17.3	16.2	15.3	14.5	12.8	11.5	10.3	9.2	8.4	7.6	6.8	6.2	5.7	5.2	4.7	4.3	3.9	3.6	3.3	3	2.8		
		10												10.8	9.8	8.9	8.1	7.4	6.8	6.2	5.6	5.1	4.7	4.2	3.9	3.6	3.4	3.2	3	2.8		
		20													7.5	6.9	6.3	5.7	5.3	4.8	4.4	4.1	3.7	3.5	3.3	3.1	2.9	2.8				
		40															3.9	3.6	3.4	3.1	3	2.8	2.6	2.5	2.5							
	55	0							16.6	15.6	14.6	13.8	13	11.5	10.3	9.2	8.2	7.4	6.7	6	5.4	4.9	4.5	4	3.6	3.3	3	2.7	2.4	2.2		
		10												9.7	8.7	7.9	7.2	6.5	5.9	5.4	4.9	4.4	4	3.7	3.4	3.1	2.8	2.6	2.4	2.2		
		20													6.6	6	5.5	5	4.6	4.2	3.8	3.5	3.2	2.9	2.7	2.5	2.4	2.2	2.1			
		40																3	2.7	2.5	2.3	2.1	1.9	1.7								

t = metric tons.
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Labels on the boom (top to bottom):
49.1+4.0+87.5
49.1+4.0+84.0
49.1+4.0+80.5
49.1+4.0+77.0
49.1+4.0+73.5
49.1+4.0+70.0
49.1+4.0+66.5
49.1+4.0+63.0
49.1+4.0+59.5
49.1+4.0+56.0
49.1+4.0+52.5
49.1+4.0+49.0
49.1+4.0+45.5
49.1+4.0+42.0
49.1+4.0+38.5
49.1+4.0+35.0
49.1+4.0+31.5
49.1+4.0+28.0
49.1+4.0+24.5
49.1+4.0+21.0

Legend:
— 84°
— – 76°
– – 66°

Axis labels: LIFTING HEIGHT, RADIUS

Y-axis values: 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104, 112, 120, 128, 136

X-axis values: 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

Dimensions are in meters.
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Main boom with luffing jib

- Outrigger base: 12×12 m
- Ballast: 204 - 44 t
- Boom angle: 84°, 76°, 66°

Boom length (m)	Jib length (m)	Radius (m)																						
		14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
49.1	21			45.7	43.7	41.5	39.6	37.7																	
	24.5			42.7	41.3	39.7	37.9	36.2	34.7																
	28			38	37	35.7	34.3	32.9	31.6																
	31.5				35.2	34.5	33.6	32.6	31.5	30.3	28.1														
	35				31.6	31.5	31.1	30.4	29.6	28.7	26.6	24.9													
	38.5					28.8	28.7	28.2	27.6	26.9	25.3	23.6	22.2												
	42						25.6	25.5	25.3	24.8	23.7	22.3	20.9	19.8											
	45.5						23.3	23.2	23	22.9	22.2	21.2	20	18.8	17.9										
	49							20.9	20.8	20.7	20.4	19.7	18.7	17.7	16.7	16									
	52.5							19.5	19.4	19.2	18.9	18.3	17.7	16.8	15.9	15.1									
	56								17.5	17.4	17.1	16.8	16.2	15.6	14.9	14.1	13.4								
	59.5								16.1	15.9	15.7	15.5	15.1	14.6	14.1	13.4	12.8	12.2							
	63										14.2	14	13.8	13.6	13.3	12.9	12.4	11.8	11.3	10.8					
	66.5										12.9	12.7	12.5	12.3	12.1	11.9	11.5	11.1	10.6	10.1	9.7				
	70										11.4	11.2	11.1	10.9	10.7	10.4	10.1	9.7	9.2	8.8	8.5				
	73.5										10.2	10.1	9.9	9.8	9.7	9.5	9.2	8.8	8.5	8.1	7.8	7.5			
	77										8.8	9	8.8	8.7	8.6	8.5	8.3	8	7.6	7.3	7	6.7	6.5		
	80.5										7.6	7.8	7.9	7.7	7.5	7.3	7.1	7	6.9	6.7	6.4	6.1	5.9		
	84											6.4	6.4	6.3	6.1	5.9	5.7	5.6	5.6	5.6	5.6	5.4	5.2	4.9	
	87.5											5.5	5.4	5.2	5	4.9	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.2
38.2	21		71.4	66.5	62.1	58.2	54.9																		
	24.5		68.5	64.4	60.3	56.6	53.3	50.4	48																
	28			60.8	57.6	54.3	51.3	48.6	46.2	44.2															
	31.5			57.3	55	52.4	49.6	47.1	44.8	42.7	39.3														
	35				51.5	49.7	47.5	45.2	43.1	41.1	37.6	35.1													
	38.5				47.7	46.4	44.9	43.1	41.3	39.5	36.3	33.6	31.8												
	42					43.1	42	40.7	39.3	37.7	34.7	32.1	30	28.7											
	45.5					39.4	39	38.1	37.1	35.9	33.4	30.9	28.8	27.2											
	49						35.4	35.1	34.6	33.7	31.7	29.5	27.5	25.8	24.5										
	52.5						32.7	32.7	32.2	31.5	29.9	28.2	26.4	24.8	23.4	22.5									
	56							29.6	29.5	29.2	28	26.6	25	23.5	22.2	21.1	20.4								
	59.5							27	27	26.8	26.2	25.1	23.9	22.6	21.3	20.2	19.4	18.9							
	63								24.4	24.4	24.1	23.3	22.3	21.3	20.2	19.1	18.2	17.5	17.1						
	66.5								22.2	22.2	22.1	21.6	20.9	20	19	18.1	17.2	16.4	15.9	15.7					
	70									20.1	20	19.8	19.3	18.6	17.8	17	16.1	15.4	14.7	14.3	14.2				
	73.5									18.1	18	17.9	17.6	17.2	16.5	15.8	15.1	14.5	13.8	13.3	12.9				
	77										16.2	16.1	16	15.7	15.2	14.6	14	13.5	12.8	12.3	11.8	11.6			
	80.5										14.7	14.5	14.5	14.3	14.1	13.6	13.1	12.5	12	11.5	11.1	10.7	10.5		
	84										13.3	13.2	13.1	12.8	12.6	12.4	12	11.6	11.1	10.6	10.2	9.8	9.6	9.4	
	87.5										11.9	11.8	11.7	11.5	11.2	11	10.7	10.5	10.2	9.8	9.4	9.1	8.8	8.6	8.5

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Boom length (m)	Jib length (m)	Radius (m)																						
		14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
27.2	21	123.8	116.8	108.2	102.2	98.5	89.1																		
	24.5	111.2	112	105.6	98.3	92.9	89.2	81.2																	
	28		99.8	98.2	95.3	90	85.7	82.1	76	69.6															
	31.5		89.8	88.2	86.8	85.6	82.4	78.7	75.5	69.9	59.7														
	35			79.4	78.2	77.1	76.2	74.8	72.3	69.5	59.6	51.9													
	38.5			71.4	70.4	69.5	68.7	68	67	65.4	60.2	52.2													
	42				63.7	62.9	62.1	61.5	60.8	60.2	56.9	51	45.4												
	45.5			57.1	56.8	56.2	55.6	55	54.5	53.2	51.1	45.5	40.5												
	49				51.1	51	50.4	49.9	49.4	48.6	47.1	44.5	40.4	36.3											
	52.5					46	45.9	45.8	45.4	45	44.3	43.6	42.6	40.8	36.6	31.7									
	56						41.4	41.3	41.3	40.9	40.2	39.8	39.1	38.2	36.5	33	27.5								
	59.5						37.3	37.2	37.1	37	36.6	36.1	35.7	35.1	34.6	32.9	29.6	24.3							
	63							33.6	33.4	33.4	33.1	32.7	32	31.2	30.5	29.8	29.3	26.1	21.2						
	66.5							30.5	30.3	30.2	30	29.8	29.3	28.6	28	27.4	27	26.2	23.2						
	70								27.5	27.4	27.2	27	26.7	26	25.4	24.8	24.3	23.8	23.3	20.4					
	73.5								24.8	24.6	24.3	24.1	23.8	23.3	22.8	22.3	21.9	21.6	21.4	20.6	18.1				
	77									22.3	22	21.8	21.6	21.4	21	20.6	20.2	19.8	19.5	19.3	18.3	16			
	80.5									20.3	20	19.7	19.5	19.1	18.5	18	17.4	16.9	16.4	16	15.6	15.5	14.1		
	84										18.1	17.8	17.6	17.4	16.9	16.4	15.9	15.4	14.9	14.4	14	13.7	13.5	12.3	
	87.5										16.2	15.8	15.2	14.7	14.2	13.8	13.4	13	12.7	12.4	12.1	12	11.9	11.5	10.8

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Labels (left axis, boom configurations):
49.1+8.7+91.0
49.1+8.7+87.5
49.1+8.7+84.0
49.1+8.7+80.5
49.1+8.7+77.0
49.1+8.7+73.5
49.1+8.7+70.0
49.1+8.7+66.5
49.1+8.7+63.0
49.1+8.7+59.5
49.1+8.7+56.0
49.1+8.7+52.5
49.1+8.7+49.0
49.1+8.7+45.5
49.1+8.7+42.0
49.1+8.7+38.5
49.1+8.7+35.0
49.1+8.7+31.5
49.1+8.7+28.0
49.1+8.7+24.5
49.1+8.7+21.0

Legend:
— 84°
– – 76°
— – 66°

Right axis (LIFTING HEIGHT): 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104, 112, 120, 128, 136, 144

Bottom axis (RADIUS): 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104

Dimensions are in meters.
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Guyed main boom with luffing jib

- Outrigger base: 12×12 m
- Ballast: 204 - 54 t
- Boom angle: 84°, 76°, 66°

Boom length (m)	Jib length (m)	14	16	18	20	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94
49.1	21			100.6	94.7	89.3	79.1																	
	24.5				91.1	86.3	77.8	69.7																
	28			89.7	84.8	76.3	68.8	61.6																
	31.5				82.1	74.2	67.3	61.3																
	35					71.8	65.5	59.8	54.7															
	38.5					68.4	63.9	58.6	54.2	49.9														
	42						62	60.6	56.7	52.4	48.9	45												
	45.5						56.2	55.1	54	50.7	47.4	44.5	40.4											
	49						51.3	50.3	49.4	48.4	45.7	42.9	40.1	36										
	52.5							45.9	45.2	44.6	43.9	41.4	39.3	36.3	32.7									
	56							42	41.3	40.7	40.3	39.2	37.3	35.6	32.6	29.5								
	80.5								15.8	17.5	20.3	20	19.4	18.8	18.1	17.6	17	16.5	16	15.7	15.5	15.2		
	84									14.6	16.7	18.3	17.7	17.1	16.6	16	15.5	15	14.5	14.1	13.7	13.6	13.2	
	87.5									12.6	13.4	15	14.8	14.3	13.9	13.4	13	12.7	12.4	12.2	12	11.8	11.3	
	91									11.1	11.8	12.6	13.5	13.1	12.7	12.3	11.9	11.5	11.2	10.8	10.4	10.1	9.9	9.8
38.2	21		115.1	108.1	100.8	93																		
	24.5			103.9	98.2	93.1	80.3																	
	28			102.3	96.6	91.4	79.4	69.7																
	31.5				92.5	88.2	79.7	70.2	62.6															
	35				83.8	82.4	76.8	70.1	62.8	55.2														
	38.5					74.7	72.6	69	61.9	56	49													
	42					67.9	66.1	64.5	60.8	54.9	48.5	43.1												
	45.5						60.1	58.6	57.6	53.9	48	42.5	38											
	49						54.7	53.4	52.3	50.6	47.3	42.5	37.9											
	52.5						50	48.8	47.9	47.2	46.1	42.9	38.2	34.4										
	56						45.6	44.6	43.7	43	42.4	41	37.6	33.8	30.5									
	80.5								20.7	21.2	21.5	20.8	20.1	19.4	18.7	18	17.4	16.9	16.4	16	15.8			
	84								18.3	18.9	19.2	19	18.4	17.7	17.1	16.5	15.9	15.3	14.8	14.3	14.1	13.8		
	87.5									16.1	16.2	15.8	15.3	14.8	14.2	13.8	13.4	13	12.7	12.5	12.3	11.8	11.5	
	91									14.5	14.6	14.6	14.2	13.7	13.2	12.8	12.4	12	11.7	11.5	11.1	10.8	10.6	10.6
27.2	21	127.3	119.4	112.1	105.2	98.5																		
	24.5		114.7	108.4	102.5	96.5	82.4																	
	28		110.5	106.6	100.7	94.6	84.4	70.2																
	31.5			97.5	95.3	92.8	82.7	70.5	60															
	35			87.5	86.5	84.8	80.2	70.5	59.9	52														
	38.5				78	77.1	74.6	71.1	60.9	52.7	46.5													
	42				69.9	70	67.9	65.7	60	52.2	45.9													
	45.5					62.1	61.7	60	58.5	52.2	45.8	40.7												
	49					54.8	55.6	54.6	53.4	50.6	45.9	40.7	36.5											
	52.5					50.1	50	49	48.2	46	41.1	36.8	33.1											
	56					44.6	45	44.6	43.9	43.2	40.6	36.4	32.7	29.3										
	80.5								21.3	21.1	20.7	20.3	19.9	19.4	18.8	18.2	17.6	17	16.5	16.2	15.3			
	84								19.1	19.2	18.8	18.4	18	17.7	17.2	16.7	16.1	15.4	14.9	14.5	14.2	13.4		
	87.5								16.4	16	15.6	15.3	14.9	14.6	14.2	13.9	13.5	13.2	12.9	12.6	12.4	11.8	11.4	
	91								14.9	14.8	14.4	14	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.6	11.2	11	10.8	10.2

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