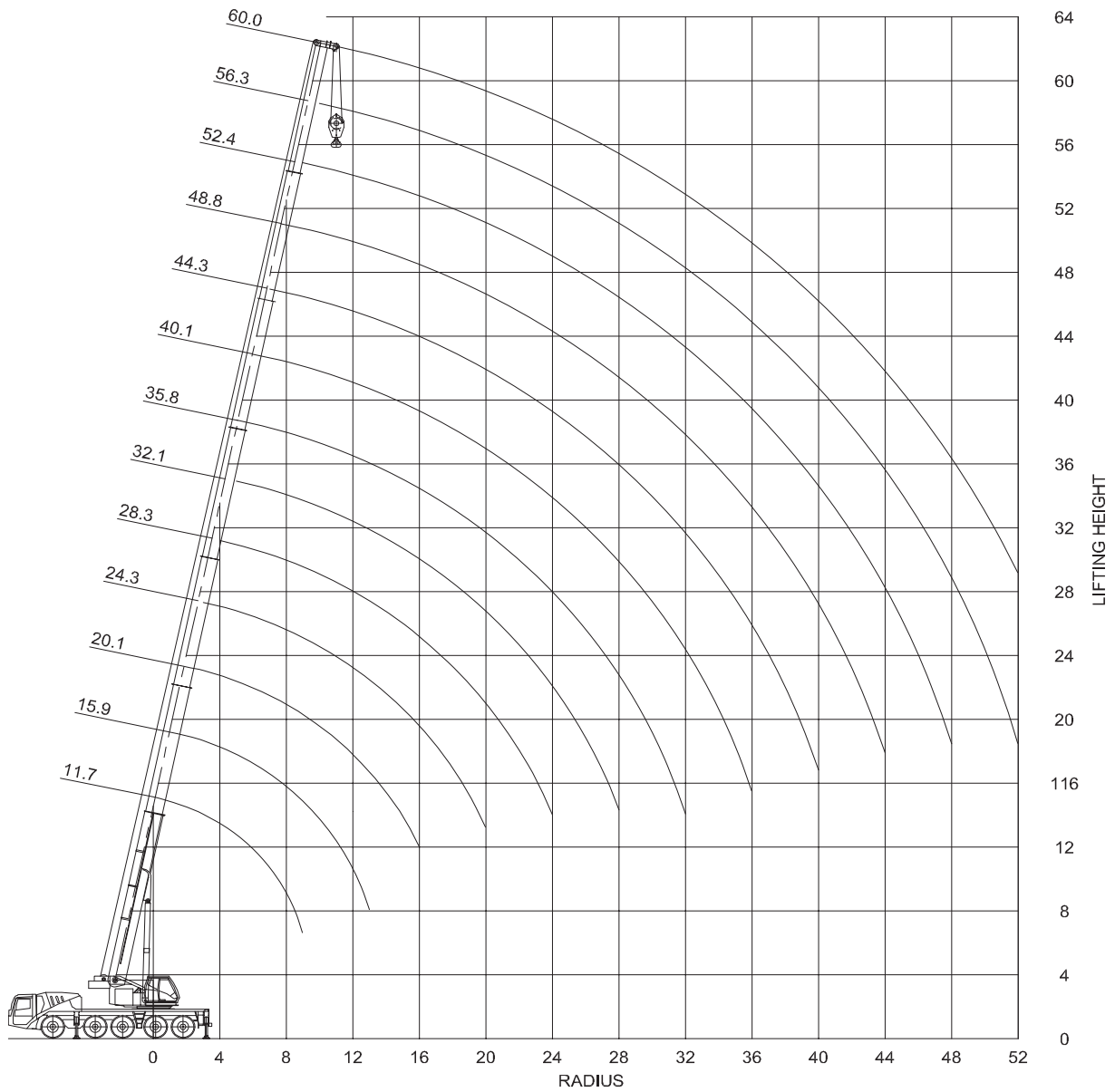


Dimensions are in millimeters.  
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Dimensions are in meters.  
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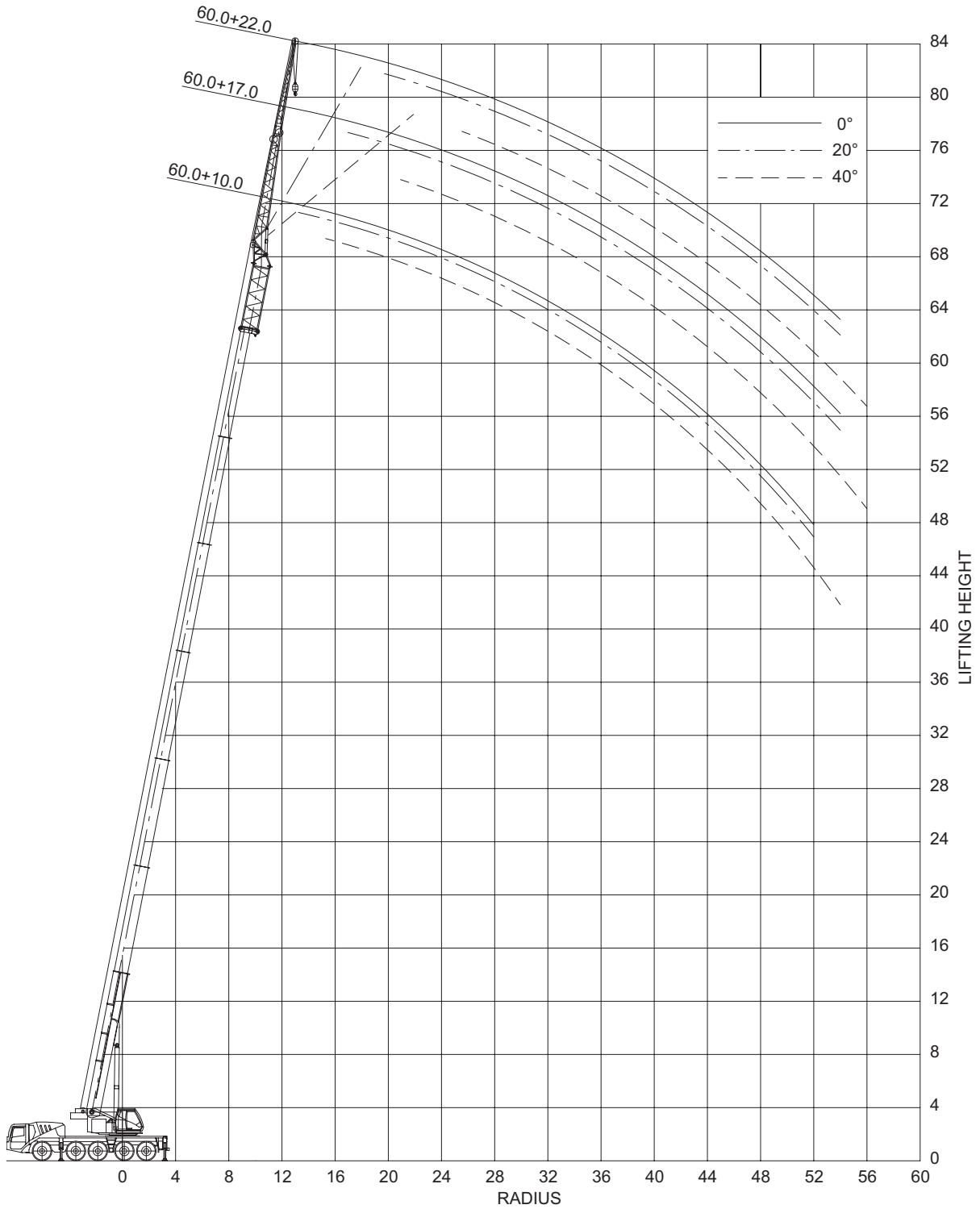
### Main boom

- Outrigger base: 7.8x7.5 m
- Ballast: 27.1 - 2.9 t

Boom length (m)	Ballast (t)	Radius (m)																									
		3	3.5	4	4.5	5	6	7	8	9	10	11	12	14	16	18	20	22	24	26	28	30	32	36	40	44	48
11.7	2.9	69	64	59	55.3	51.5	41.5	34	25.5	20																	
	7.3	69	64	59	55.5	52	43.5	36	30	24																	
	16.1	69	64	59	55.5	52	46	40	34	29																	
	27.1	69	64	59	55.5	52	46	41	36	30																	
15.9	2.9	63.5	59.8	56	52.8	49.5	41.5	33.5	27	22	18.1	14.8	12.4														
	7.3	63.5	59.8	56	52.8	49.5	44	37	31	25.5	21	17.7	15.3														
	16.1	63.5	59.8	56	52.8	49.5	44	39.5	34.5	30	26.5	23	19.8														
	27.1	63.5	59.8	56	52.8	49.5	44	39.5	36	33	29.5	26.5	23.5														
20.1	2.9	59	55.8	52.5	49.8	47	38.5	30.5	26	21.5	18.2	15.9	13.4	9.9	7.6												
	7.3	59	55.8	52.5	49.8	47	41.5	35.5	29	25.5	21.5	18.3	15.7	12.2	9.5												
	16.1	59	55.8	52.5	49.8	47	41.5	37.5	34	30	26.5	23	20	15.8	12.6												
	27.1	59	55.8	52.5	49.8	47	41.5	37.5	34	31	28.5	26.5	24	19.6	16.2												
24.3	2.9	56	52.8	49.5	47	44.5	35	29.5	24.5	21.5	18.4	15.8	13.8	10.2	8.3	6.6	5.3										
	7.3	56	52.8	49.5	47	44.5	40.5	33	28.5	24	21	18.5	16.6	12.6	9.8	8	6.8										
	16.1	56	52.8	49.5	47	44.5	40.5	36.5	33	29.5	25.5	22.5	20.5	15.9	13.4	11.1	9.2										
	27.1	56	52.8	49.5	47	44.5	40.5	36.5	33	30	27.5	25.5	23.5	19.4	15.9	14	11.7										
28.3	2.9			47	44.3	41.5	34	28	24	20.5	17.3	14.9	13	10.9	8.5	6.8	5.5	4.5	3.7								
	7.3			47	44.3	41.5	38	32	26.5	24	21	18.2	16	12.5	10.2	8.4	6.9	5.7	4.8								
	16.1			47	44.3	41.5	38	35	32	29	25.5	22.5	19.8	16.5	13.3	11	9.2	7.9	7.1								
	27.1			47	44.3	41.5	38	35	32	29.5	27.5	25.5	23.5	19.9	16.6	13.7	11.7	10.6	9.2								
32.1	2.9				37.5	32	27	22.5	18.7	16	15.1	13.2	10.5	8.4	7	5.7	4.7	3.9	3.2	2.6							
	7.3				37.5	36	30	26.5	22.5	19.5	16.9	14.9	12.7	10.3	8.3	6.9	6	5.1	4.3	3.6							
	16.1				37.5	36.5	33.5	31	27	24	22.5	19.9	16.2	13	10.7	9.5	8.2	7	6	5.2							
	27.1				37.5	36.5	33.5	31	28.5	26	24	22.5	19.5	16.5	14.3	12.1	10.3	8.9	7.7	7.2							
35.8	2.9					30	30	24.5	20	18.2	16	13.9	12.2	9.6	8.1	7	5.7	4.7	3.9	3.2	2.6	2.1	1				
	7.3					30	30	28.5	24	20.5	17.8	16.1	15	12	9.7	7.9	6.5	5.8	5	4.3	3.6	3.1	1.9				
	16.1					30	30	30	29.5	27	23.5	21	18.5	15	12.6	11.2	9.3	7.9	6.7	5.7	4.9	4.2	3.6				
	27.1					30	30	30	29.5	28	26	24	22.5	19.6	16.7	13.8	11.5	9.8	9	8.2	7.2	6.3	5.6				
40.1	2.9						23	22.5	19.7	17	14.6	12.6	11.1	9.9	8.3	6.8	5.7	4.6	3.8	3.1	2.6	2.1	1.6				
	7.3						23	23	22.5	19.1	17.7	15.6	13.7	10.9	8.9	7.9	7.1	5.9	5	4.2	3.6	3	2.5				
	16.1						23	23	23	22.5	21.5	19.4	17.3	14.6	12.6	10.6	8.8	7.3	6.1	5.3	4.8	4.5	4.2	2.2			
	27.1						23	23	23	22.5	21.5	20.5	19.1	16.7	15	13.3	11.3	10.3	8.8	7.7	6.7	5.8	5.1	4			
44.3	2.9							18	17.3	14.5	13.1	12.5	11.6	9.6	7.8	6.4	5.3	4.4	3.6	2.9	2.4	1.9	1.4				
	7.3							18	18	18	15.5	13.4	11.7	10.5	9.5	8	6.8	5.7	4.8	4	3.4	2.8	2.3	1.6	1		
	16.1							18	18	18	18	17.7	16.6	13.4	10.9	9	7.8	7.2	6.6	6	5.2	4.5	4	3.1	2.3		
	27.1							18	18	18	18	17.7	17	15.3	13.8	12.3	10.8	9.2	7.8	6.7	5.7	5	4.6	4.1	3.7		
48.4	2.9								14.3	14	12.2	12.1	11.1	9	7.3	5.9	4.9	4	3.3	2.6	2.1	1.7	1.2				
	7.3								14.3	14.3	14.3	13	11.8	10.7	9.2	7.6	6.4	5.4	4.6	3.8	3.2	2.6	2.2	1.4			
	16.1								14.3	14.3	14.3	14.3	13.1	10.7	9.1	8.3	7.7	6.6	5.8	5.1	4.4	3.8	2.9	2.1	1.5		
	27.1								14.3	14.3	14.3	14.3	14.3	14	12.6	11.2	10.1	9.2	8	6.8	6.1	5.4	5.1	4.3	3.4	3	
52.4	2.9									11.6	11.6	10.5	10.4	8.4	6.7	5.5	4.4	3.6	2.9	2.2	1.7	1.3	0.9				
	7.3									11.6	11.6	11.6	11.3	8.8	7.6	7.1	5.9	5	4.2	3.5	2.9	2.4	1.9	1.2			
	16.1									11.6	11.6	11.6	11.6	11.6	10.6	8.8	8.1	7.5	6.6	5.7	4.9	4.2	3.6	2.6	1.9	1.3	
	27.1									11.6	11.6	11.6	11.6	11.6	11.3	10.6	9.6	8.8	8	7	6	5.2	4.8	4.2	3.4	2.7	2.1
56.3	2.9										9.5	9.5	9	7.7	6.1	4.9	3.9	3.1	2.4	1.8	1.3	0.9					
	7.3										9.5	9.5	9.5	9	8	6.5	5.4	4.5	3.7	3	2.5	2	1.5				
	16.1										9.5	9.5	9.5	9.5	9.5	9	8.2	7.1	6.1	5.3	4.6	3.9	3.3	2.3	1.6	1	
	27.1										9.5	9.5	9.5	9.5	9.5	9.5	9	8.4	7.7	7.2	6.3	5.4	4.9	4.1	3.2	2.5	1.9
60	2.9											8	8	7	5.5	4.3	3.3	2.5	1.8	1.3							
	7.3											8	8	8	7.3	5.9	4.8	3.9	3.1	2.5	1.9	1.5	1				
	16.1											8	8	8	8	8	7.7	6.5	5.6	4.7	4	3.4	2.9	2	1.2		
	27.1											8	8	8	8	8	8	7.7	7.3	6.8	6.4	5.7	5	3.8	2.9	2.1	1.5

t = metric tons.

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**Main boom with fixed jib**

- Outrigger base: 7.8x7.5 m
- Ballast: 27.1 - 2.9 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	36	38	40	42	44	46	48	50	54	58			
56.3	10	0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.8	4.5	3.9	3.6	3.3	3	2.6	2.2	1.9	1.6	1.4						
		20					4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.5	3.9	3.6	3.4	3	2.6	2.2	1.9	1.6	1.4	0.9				
		40								4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.7	3.5	3.2	2.8	2.4	2.1	1.8	1.5					
17	0	0			3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.7	2.5	2.2	1.9	1.6	1.1	0.7				
		20							3.3	3.3	3.3	3.3	3.3	3.2	3.1	3	3	2.9	2.8	2.7	2.6	2.5	2.2	1.9	1.6	1.1	0.7			
		40										2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.2	1.9	1.3	0.9		
22	0	0				2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.1	2	1.8	1.5	1				
		20								2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.1	2	2	1.8	1.5	1			
		40										2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2	2	2	1.9	1.8	1.3	0.8		
60	10	0			4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	3.5	3.1	2.6	2.3	1.9	1.6	1.3	1					
		20						4	4	4	4	4	4	4	4	4	4	3.9	3.5	3.1	2.6	2.3	1.9	1.6	1.3	1				
		40							3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.4	2.9	2.5	2.1	1.8	1.5	1.2	0.7				
	17	0				2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.5	2.1	1.8	1.5	1.2	0.8			
		20								2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.1	1.8	1.5	1.2	0.8		
		40										2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.9	1.6	1		
	22	0	0					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7	1.4	1.1	0.7		
			20									2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7	1.4	1.1	0.7
			40										2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9	1.8	1.5	1

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