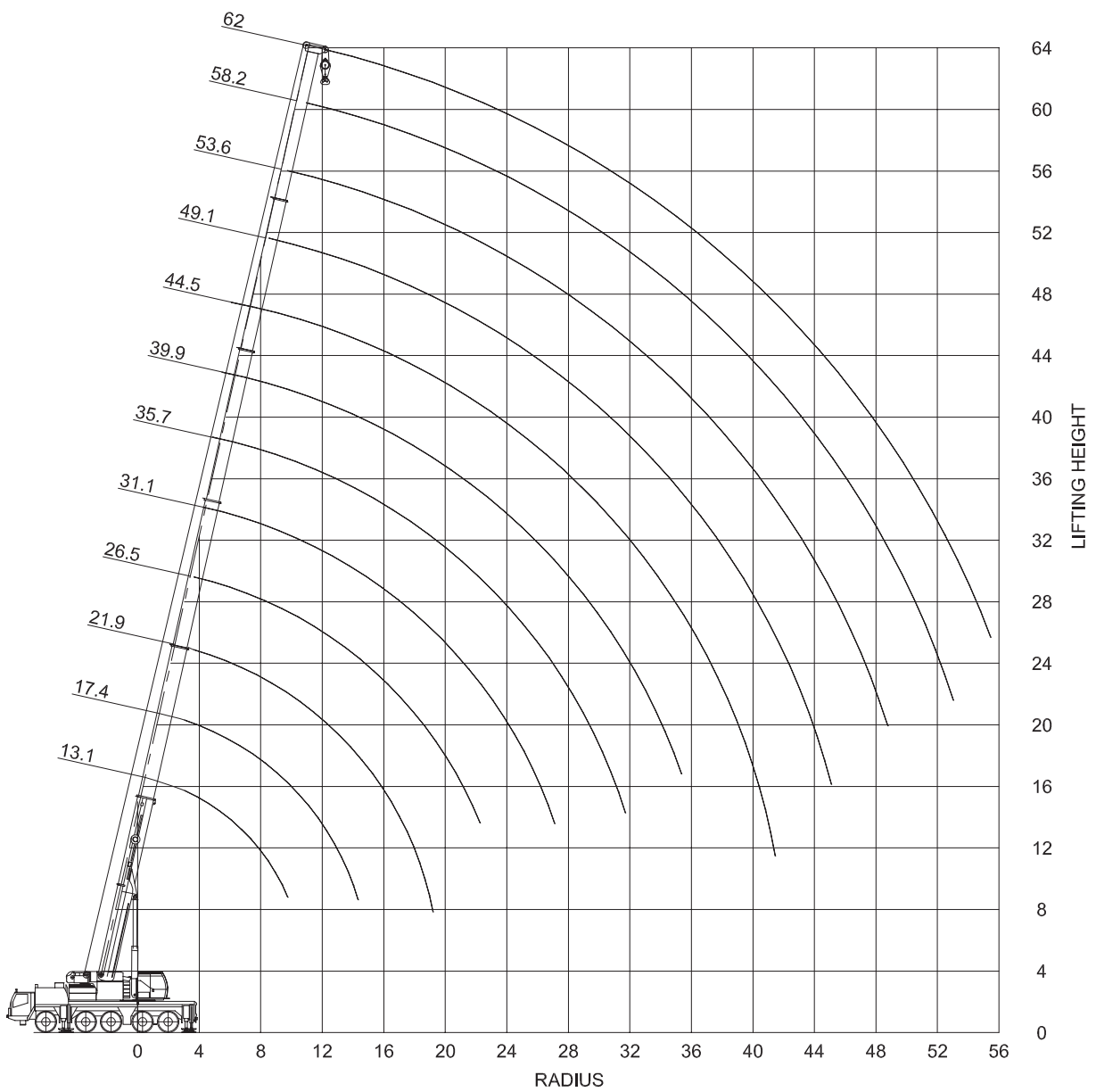


Dimensions are in millimeters.
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Dimensions are in meters.
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Main boom

- Outrigger base: 8x7.5 m
- Ballast: 46.5 - 0 t

Boom length (m)	Ballast (t)	Radius (m)																									
		3	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	
13.1	16.6	113.9	95.9	78.7	63.1	52.3	43.5	36.4																			
	46.5	125.2	104.5	89.5	79.9	70.2	61.3	53.4																			
17.4	16.6		92.7	78.4	62.7	51.8	43.2	36.1	30	24.8	21.2	15.9															
	46.5	104.3	96.9	83.7	74.8	67.5	60.2	53	46.3	40.7	36.4	29.3															
21.9	16.6		90.9	78.5	63.2	51.6	42.5	35.3	29.8	25.4	21.8	16.4	12.7	10													
	46.5		90.9	80.1	71.5	65	59	52.8	46.7	41.2	36.9	30.1	24.9	20.8													
26.5	16.6		77.1	73.2	58.7	47.6	39	32.4	27.4	23.4	20.4	15.8	12.2	9.5	7.4	5.8											
	46.5		84.3	77	68.8	62	56.6	51.4	45.8	40.5	36.4	29.5	24.2	20.3	17.1	14.7											
31.1	16.6			61.9	55.1	45.5	37.7	31.7	27	23.2	20.4	16	12.7	10.2	8.1	6.5	5.2	4.2									
	46.5			68.3	66.1	60.7	55.4	50.7	46.4	41.4	37.1	30.1	24.9	20.9	17.8	15.3	13.3	11.6									
35.7	16.6			50.2	48.7	43.2	36.8	31.2	26.8	23.3	20.6	16.4	13.2	10.9	9	7.3	6	4.9	4	3.3							
	46.5			55.2	54	52.3	50.4	48.4	45.8	41.8	37.8	31	25.7	21.7	18.5	16	14	12.2	10.8	9.5							
39.9	16.6				37.7	36	32.8	28.9	24.8	21.5	19	15.1	12.1	9.8	8	6.6	5.4	4.3	3.4	2.6							
	46.5				41.3	39.8	37.8	35.8	33.8	31.9	30.1	26.9	24	20.9	17.9	15.4	13.3	11.6	10.1	8.8	6.8						
44.5	16.6					28.2	27.3	25.7	23.5	20.7	18.3	14.5	11.7	9.5	7.7	6.3	5.2	4.2	3.3	2.6							
	46.5						31	30	28.7	27.3	26	24.7	22.2	20.1	18.2	16.6	15.2	13.3	11.5	10	8.8	6.7	5.3				
49.1	16.6							21.3	20.8	19.9	17.9	14.3	11.5	9.4	7.7	6.3	5.2	4.3	3.4	2.7							
	46.5							23.4	22.8	21.9	21	19.2	17.5	16	14.7	13.4	12.4	11.3	10.1	8.9	6.9	5.4	4.4				
53.6	16.6									16.9	16.5	15.9	13.9	11.5	9.4	7.8	6.5	5.4	4.4	3.6	2.9						
	46.5									18.6	18.2	17.6	16.5	15.3	14.1	13	12.1	11.1	10.3	9.6	8.8	7.1	5.6	4.6	3.7		
58.2	16.6										13.9	13.5	12.8	11.7	9.8	8.1	6.9	5.8	4.8	4	3.4	2.2					
	46.5										15.2	14.9	14.1	13.3	12.4	11.6	10.8	10.1	9.4	8.8	8.2	7.1	6	4.9	4.1	3.3	
62	16.6												11	10.3	9.3	7.9	6.6	5.6	4.7	3.9	3.3	2.1					
	46.5													12.1	11.5	10.8	10.2	9.6	9	8.4	7.9	7.4	6.4	5.6	4.9	4	3.2

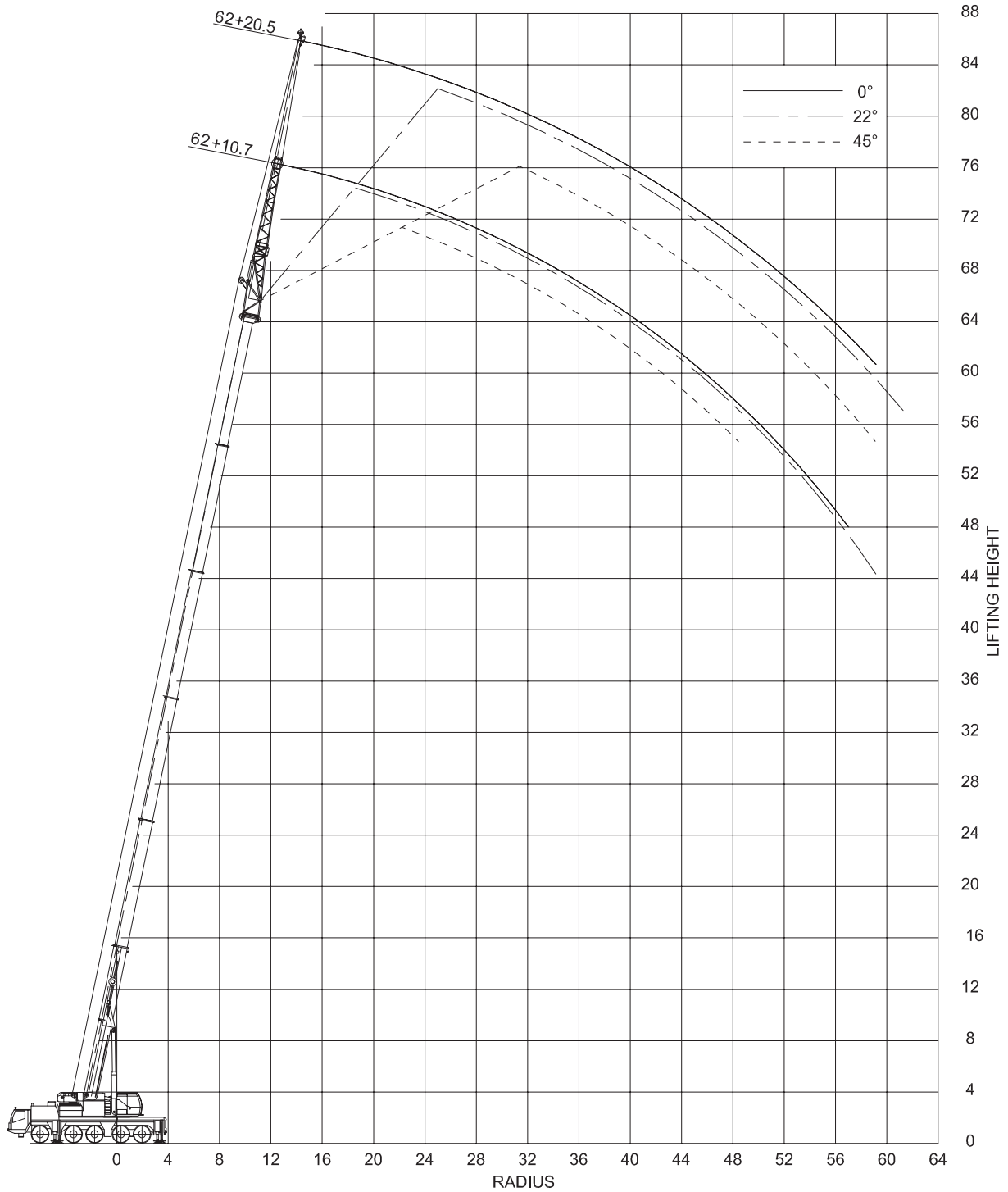
Main boom

- Outrigger base: 8x5 m
- Ballast: 46.5 - 0 t

Boom length (m)	Ballast (t)	Radius (m)																									
		3	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	
13.1	22.9	99.3	82.6	64.6	49	38.7	30.8	24.8																			
	46.5		80.9	73	62.6	54	46.3	39.5																			
17.4	22.9	90.3	78.5	57.2	44	35.6	29.3	24.3	20.2	16.9	14.5	10.9															
	46.5		75.8	71.9	62.2	53.8	46	39.1	33.2	28.3	24.8	19.4															
21.9	22.9		68.9	54.7	43	35.2	29.4	25	21.4	18.5	16.1	12.3	9.7	7.7													
	46.5		72.6	71.2	62.6	53.6	45.6	38.9	33.6	28.9	25.3	19.9	15.9	13.1													
26.5	22.9		62.3	49.5	39.5	32.7	27.4	23.3	20	17.4	15.3	12	9.4	7.4	5.8	4.6											
	46.5		71.8	67	58.1	48.4	40.9	35.1	30.3	26.4	23.4	18.4	14.5	11.7	9.4	7.6											
31.1	22.9			45.1	36	29.9	25.2	21.4	18.3	15.9	13.9	10.9	8.5	6.7	5.3	4.1	3.1	2.3									
	46.5			62	56.8	48.2	41.2	35.6	31.1	27.4	24.6	20	16.2	13.3	11.1	9.3	7.9	6.7									
35.7	22.9			41.9	35	29.4	24.9	21.4	18.5	16.1	14.3	11.4	9.1	7.3	5.9	4.8	3.8	3	2.3								
	46.5			50.2	49.1	45.5	40.3	35.1	30.9	27.4	24.7	20.3	16.9	14	11.8	10	8.6	7.4	6.3	5.4							
39.9	22.9				32.1	27.6	23.5	20.2	17.6	15.4	13.6	10.8	8.6	6.9	5.6	4.4	3.6	2.8									
	46.5				37.7	36.1	34.3	32	28.9	25.7	23.1	19	15.7	13.3	11.2	9.5	8.1	6.8	5.7	4.8	3.4						
44.5	22.9					25.3	22.7	19.8	17.3	15.2	13.5	10.8	8.7	7	5.7	4.6	3.7	2.9									
	46.5					28.2	27.3	26.1	24.9	23.6	22.2	18.4	15.3	12.8	10.9	9.3	8	6.8	5.7	4.8	3.4	2.2					
49.1	22.9							18.4	16.9	14.9	13.3	10.7	8.6	7	5.7	4.7	3.8	3.1	2.4								
	46.5							21.3	20.8	19.9	19.1	17.4	15.1	12.7	10.8	9.3	8	6.8	5.8	5	3.5	2.4	1.5				
53.6	22.9								15.6	14.9	13.4	10.9	8.9	7.3	6.1	5.1	4.2	3.4	2.8	2.2							
	46.5								16.9	16.5	16	15	13.9	12.6	10.9	9.4	8.1	7	6	5.1	3.8	2.7	1.8				
58.2	22.9									13.8	12.4	10	8.1	6.6	5.3	4.3	3.5	2.8									
	46.5									13.9	13.5	12.8	12.1	11.3	10.5	9.6	8.4	7.3	6.4	5.5	4.1	3.1	2.2	1.5			
62	22.9											9.6	7.9	6.4	5.2	4.2	3.4	2.7									
	46.5												11	10.4	9.8	9.2	8.7	8	7.1	6.2	5.4	4.1	3	2.2	1.5		

t = metric tons.

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Main boom

- Outrigger base: 8x7.5 m
- Ballast: 46.5 - 0 t

Boom length (m)	Jib length (m)	Jib offset (°)	Radius (m)																											
			3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	34	38	42	46	50	54	58	62		
13.1	10.7	0	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	16	13.6	11.9	10.4	9.2															
		22				17.3	16.1	14.9	13.9	13	11.6	10.4	9.5	8.8	8.2															
		45								9.7	9.7	9.4	9																	
20.5	0	0	12.9	12.9	12.7	12.4	12	11.6	11.1	10.7	9.8	9	8.2	7.4	6.6	5.9	5.4	4.9	4.5	4.2										
		22										7.5	6.9	6.4	5.9	5.4	5	4.7	4.5											
		45											5.4	5.1	4.8	4.6	4.4													
31.1	10.7	0				17.5	17.5	17.5	17.5	17.5	17.5	16.8	15.3	14	12.8	11.7	10.8	10	9.3	8.7	7.7									
		22									14.2	13.2	12.3	11.5	10.8	10.2	9.7	9.1	8.6	8.2	7.8	7.1								
		45										9.7	9.6	9.4	9.1	8.8	8.5	8.1	7.8	7.5										
20.5	0	0				9.5	9.5	9.4	9.4	9.2	8.9	8.6	8.2	7.9	7.5	7.1	6.7	6.3	5.9	5.2	4.7	4.3	3.9							
		22									7	6.7	6.4	6	5.8	5.5	5.3	5	4.6	4.3	4	3.8								
		45													5	4.8	4.7	4.6	4.5	4.3	4.1									
39.9	10.7	0				13.4	13	12.6	11.4	10.4	9.4	8.6	7.8	7.1	6.4	5.9	5.3	5	4.2	3.7	3.3	2.8								
		22									9.1	8.6	7.9	7.3	6.8	6.2	5.8	5.3	4.9	4.3	3.7	3.3								
		45										7.7	7.4	7	6.5	6.1	5.7	5.3	4.9	4.3										
20.5	0	0							6.6	6.6	6.6	6.5	6.4	6.1	5.8	5.4	5.1	4.7	4.4	4.1	3.6	3.2	2.8	2.5	2.1	1.9				
		22													5	4.9	4.6	4.4	4.2	4	3.6	3.2	2.9	2.5	2.2	2				
		45																4	3.9	3.8	3.6	3.3	3	2.6						
49.1	10.7	0								10.2	9.6	8.9	8.3	7.7	7.2	6.6	6.2	5.7	5.3	4.6	4	3.5	3.1	2.7	2.4					
		22										7.9	7.5	7	6.6	6.2	5.7	5.4	5.1	4.6	4.1	3.5	3.2	2.8	2.4					
		45											6.6	6.3	6	5.7	5.4	5.1	4.6	4.1	3.6									
20.5	0	0									5.6	5.6	5.5	5.3	5.1	4.9	4.7	4.4	4.2	3.8	3.4	3	2.7	2.4	2.1	1.8	1.6			
		22														4.6	4.5	4.3	4.1	4	3.6	3.3	3	2.7	2.5	2.2	1.9	1.6		
		45																	3.8	3.7	3.5	3.3	3.1	2.8	2.5	2.3				
53.6	10.7	0								10.7	10.3	9.8	9.3	8.8	8.2	7.7	7.2	6.7	6.2	5.3	4.6	4	3	2.2	1.5					
		22										8.9	8.5	8	7.5	7.1	6.7	6.3	6	5.3	4.6	4.1	3.4	2.5	1.7					
		45											7.6	7.3	6.9	6.5	6.2	5.9	5.3	4.8	4.2	3.6								
20.5	0	0									5.6	5.6	5.5	5.5	5.4	5.3	5.2	5	4.8	4.4	4	3.5	3.1	2.6	1.9	1.3				
		22														5.1	4.9	4.8	4.6	4.2	3.9	3.5	3.3	3	2.5	1.8				
		45																	4.2	4.1	3.9	3.6	3.3	3.1	2.7	2				
58.2	10.7	0									7.7	7.4	7.1	6.7	6.4	6.1	5.7	5.4	5.2	4.6	4.2	3.7	3.3	2.5	1.8					
		22										6.7	6.4	6.1	5.8	5.5	5.2	5	4.6	4.2	3.8	3.3	2.8	2.1	1.3					
		45											5.9	5.7	5.5	5.2	5	4.6	4.2	3.9	3.4	2.9								
20.5	0	0									4.7	4.6	4.6	4.5	4.4	4.4	4.2	4.1	4	3.7	3.4	3.1	2.8	2.5	2	1.4				
		22																4.1	4	3.9	3.6	3.3	3	2.8	2.6	2.3	1.9	1.3		
		45																		3.6	3.4	3.3	3.1	2.9	2.7	2.4	2.1	1.5		
62	10.7	0									6.2	6.1	5.9	5.7	5.5	5.3	5	4.8	4.5	4.1	3.7	3.3	2.9	2.3	1.7					
		22														5.5	5.3	5.1	4.9	4.7	4.5	4.1	3.7	3.3	3	2.6	2	1.3		
		45															5.2	5	4.8	4.6	4.5	4.1	3.7	3.4	3.1					
20.5	0	0									3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.4	3.2	3	2.7	2.4	2.2	1.8	1.2					
		22																	3.6	3.5	3.4	3.1	2.9	2.7	2.5	2.3	2.1	1.7		
		45																			3.2	2.9	2.7	2.6	2.4	2.1	1.9			

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Main boom

- Outrigger base: 8x7.5 m
- Ballast: 46.5 - 0 t

Boom length (m)	Jib length (m)	Jib offset (°)	Radius (m)																											
			3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34	38	42	46	50	54	58	62	
13.1	10.7	0	17.5	17.5	17.5	17.5	17.3	16.6	15.5	14.3	12.2	10.5	9.1	8	7	6.3	5.6	5.1												
		22					13.5	12.8	11.9	10.3	9	7.9	7.1	6.3	5.7	5.2	4.8													
		45							9.5	8.5	7.6	6.9	6.2	5.7																
20.5	10.7	0		10.9	10.8	10.4	10.1	9.7	9.3	8.4	7.5	6.7	5.9	5.3	4.7	4.3	3.9	3.6	3.3	3.1	2.9									
		22									6.6	6	5.3	4.9	4.5	4.1	3.8	3.5	3.3	3.1	2.9									
		45												4.4	4.2	3.9	3.6	3.4	3.2	3										
31.1	10.7	0				15.9	15.4	14.8	14.2	13.1	12	10.9	10	9.1	8.3	7.6	7	6.5	6	5.6	5.2	4.6	4.2							
		22									9.8	9.1	8.4	7.8	7.2	6.7	6.3	5.8	5.5	5.2	4.9	4.4	4.1							
		45											7.9	7.5	7	6.6	6.2	5.9	5.6	5.3	5.1	4.8								
20.5	10.7	0					7.9	7.8	7.8	7.5	7.1	6.8	6.4	6	5.6	5.3	5	4.7	4.4	4.2	3.9	3.5	3.2	2.9	2.6	2.4				
		22											5.3	5.1	4.8	4.5	4.3	4	3.8	3.7	3.5	3.2	2.9	2.7	2.5					
		45														3.9	3.8	3.7	3.5	3.4	3.2	3	2.8							
39.9	10.7	0					12.8	12.6	11.9	11.2	10.5	9.9	9.3	8.7	8.1	7.6	7.1	6.6	6.2	5.8	5.2	4.4	3.5	2.7						
		22									9.3	8.8	8.3	7.9	7.4	7	6.6	6.2	5.9	5.6	5.3	4.8	4.5	3.7	2.9					
		45											7.3	7	6.6	6.3	6	5.8	5.5	5.3	5.1	4.7	4.4							
20.5	10.7	0						6.7	6.6	6.4	6.1	5.9	5.6	5.4	5.2	5	4.7	4.5	4.3	4.1	3.8	3.5	3.2	2.9	2.4	1.8				
		22												4.9	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.3	3	2.9	2.7	2.5	2.1			
		45															3.8	3.7	3.5	3.4	3.3	3.1	2.9	2.8	2.6					
49.1	10.7	0							8.6	8.3	8.1	7.8	7.5	7.2	6.9	6.6	6.2	5.8	5.5	5.1	4.4	3.9	3.2	2.3	1.6					
		22									7.4	7.1	6.8	6.5	6.3	6	5.8	5.5	5.3	5.1	4.5	4	3.5	2.7	1.9					
		45											6.3	6.1	5.8	5.6	5.5	5.3	5.1	4.9	4.6	4.1	3.6	2.8						
20.5	10.7	0								5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4	3.8	3.6	3.3	3	2.6	1.9	1.3				
		22														4.1	4	3.8	3.7	3.5	3.4	3.2	3	2.8	2.7	2.4	1.8			
		45																3.5	3.4	3.3	3.2	3	2.9	2.7	2.6	2.5	2.1			
53.6	10.7	0								6.9	6.7	6.5	6.2	6	5.6	5.3	5.1	4.8	4.6	4.3	3.9	3.5	3	2.3	1.6					
		22									6.1	5.9	5.7	5.4	5.2	4.9	4.7	4.5	4.3	3.9	3.5	3.2	2.6	1.9						
		45											5.5	5.4	5.2	4.9	4.7	4.5	4.3	3.9	3.6	3.2	2.8	2.1						
20.5	10.7	0									4.4	4.3	4.2	4.1	4	3.9	3.8	3.7	3.5	3.4	3.2	2.9	2.6	2.3	1.8	1.2				
		22															3.6	3.5	3.4	3.3	3.2	3	2.8	2.6	2.4	2.2	1.8			
		45																		3.1	3	2.9	2.7	2.6	2.4	2.2	2	1.4		
58.2	10.7	0								5.4	5.3	5.2	5	4.8	4.6	4.4	4.2	4	3.8	3.6	3.3	3	2.7	2.3	1.7					
		22												4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.3	3	2.7	2.5	2	1.4			
		45														4.3	4.2	4.1	3.9	3.8	3.6	3.3	3	2.8	2.5	2.2	1.5			
20.5	10.7	0									3.5	3.4	3.4	3.3	3.2	3.2	3.1	3	2.9	2.6	2.4	2.2	1.9	1.7	1.2					
		22																3	2.9	2.8	2.7	2.5	2.3	2.1	2	1.8	1.6			
		45																			2.6	2.4	2.3	2.2	2	1.9	1.7	1.4		
62	10.7	0									4.5	4.4	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	2.9	2.6	2.4	2.1	1.6					
		22												4	3.9	3.7	3.6	3.4	3.3	3.1	2.9	2.6	2.4	2.2	1.8	1.3				
		45																			3.7	3.6	3.4	3.3	3.2	2.9	2.7	2.5	2.2	1.9
20.5	10.7	0											2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2	1.8	1.7	1.4				
		22																												

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.