

Table 2-3 QAY240 All terrain crane total rated lifting load table for boom
On fully-extended outriggers, with counterweight of 75t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	240.0													
3.5	205.0	140.0	136.0											
4.0	185.0	140.0	132.0	120.0										
4.5	170.0	140.0	128.0	113.0	100.0									
5.0	158.0	132.0	121.0	106.0	92.0									
6.0	132.6	125.0	110.0	96.0	83.0	74.0								
7.0	111.0	110.0	100.0	86.0	75.0	67.0	60.0							
8.0	93.0	91.8	88.0	78.0	68.0	61.0	55.0	51.0						
9.0	81.0	80.0	78.0	72.0	63.0	56.0	50.0	47.0	42.0					
10.0	71.0	70.0	70.0	67.0	58.0	52.0	46.0	43.0	39.0	36.0				
11.0		61.5	62.0	62.0	53.0	48.0	43.0	40.0	36.0	33.0	31.0			
12.0		55.0	55.5	56.0	49.0	44.0	40.0	37.0	34.0	31.0	29.0	26.0		
14.0		45.0	45.0	46.0	43.0	39.0	36.0	33.0	30.0	27.5	26.0	24.0	21.0	17.0
16.0			38.0	38.7	38.0	34.0	32.0	29.0	26.5	24.5	23.0	21.5	19.0	16.0
18.0			32.0	33.0	33.0	31.0	29.0	26.5	24.0	22.0	21.0	19.5	17.0	15.0
20.0				28.5	28.7	28.0	26.0	24.0	21.5	20.0	19.0	17.5	15.5	14.0
22.0				25.0	25.0	25.0	23.0	22.0	20.0	18.0	17.0	16.0	14.5	13.0
24.0					21.9	22.6	21.5	20.0	18.0	16.5	16.0	14.5	13.5	12.0
26.0					19.1	19.8	19.5	18.5	16.5	15.0	14.5	13.5	12.5	11.2
28.0						17.5	18.0	17.0	15.0	14.0	13.5	12.5	11.5	10.5
30.0						15.5	16.1	16.0	14.0	13.0	12.0	11.5	10.5	10.0
32.0							14.4	15.0	13.0	12.0	11.0	10.5	9.5	9.2
34.0							12.9	13.7	12.0	11.0	10.0	10.0	9.0	8.5
36.0								12.4	11.0	10.5	9.5	9.0	8.5	8.0
38.0								11.2	10.5	9.5	9.0	8.5	8.0	7.5
40.0									10.0	9.0	8.5	8.0	7.2	7.0
42.0									9.1	8.5	8.0	7.5	6.7	6.5
44.0										8.0	7.5	7.0	6.2	6.0
46.0										7.5	7.0	6.5	5.8	5.5
48.0											6.5	6.0	5.4	5.0
50.0											6.0	5.5	5.1	4.6
52.0												5.0	4.7	4.2
54.0												4.5	4.4	4.0
56.0													4.1	3.8
58.0													3.9	3.5
60.0														3.2
62.0														2.9
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0
Min. boom angle °	0													
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333
Parts of line	18	12	10	8	5			4	3		2			
Weight of hook (kg)	2319	1827					1001					447		

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	240.0														
3.5	205.0	100.0	80.0												
4.0	185.0	97.0	74.0	96.0											
4.5	170.0	92.0	70.0	91.0	73.0										
5.0	158.0	88.0	66.0	86.0	69.0										
6.0	132.6	80.0	60.0	77.0	62.0	69.0									
7.0	111.0	75.0	55.0	69.0	57.0	63.0	52.0								
8.0	93.0	70.0	50.0	62.0	52.0	58.0	48.0	46.0							
9.0	81.0	65.0	46.0	57.0	48.0	54.0	45.0	42.0	38.0						
10.0	71.0	61.0	43.0	53.0	45.0	50.0	42.0	39.0	35.0	32.0					
11.0		58.0	40.0	49.0	42.0	46.0	39.0	37.0	32.5	29.0	27.0				
12.0		55.0	38.0	45.0	39.0	43.0	36.0	34.0	30.5	27.5	25.5	23.0			
14.0		47.0	34.0	40.0	35.0	39.0	32.0	30.0	27.0	24.5	22.5	21.0	21.0	17.0	
16.0			31.0	35.0	31.0	34.5	29.0	27.0	24.0	21.5	20.5	19.0	19.0	16.0	
18.0			27.0	32.0	28.0	31.0	27.0	24.0	21.5	19.5	18.5	17.0	17.0	15.0	
20.0				29.0	25.0	29.0	24.0	22.0	19.5	18.0	17.0	15.5	15.5	14.0	
22.0				26.0	23.0	26.0	22.0	20.0	18.0	16.0	15.0	14.0	14.5	13.0	
24.0					21.0	23.8	20.5	18.5	16.5	15.0	14.0	13.0	13.5	12.0	
26.0					19.0	21.0	19.0	17.0	15.0	14.0	13.0	12.0	12.5	11.2	
28.0						18.7	18.0	16.0	14.0	12.5	12.0	11.0	11.5	10.5	
30.0						16.7	17.0	15.0	13.0	11.5	11.0	10.0	10.5	10.0	
32.0							15.7	14.0	12.0	11.0	10.0	9.5	9.5	9.2	
34.0							14.2	13.0	11.0	10.0	9.5	9.0	9.0	8.5	
36.0								12.0	10.5	9.5	9.0	8.5	8.5	8.0	
38.0								11.5	10.0	9.0	8.5	8.0	8.0	7.5	
40.0									9.5	8.5	8.0	7.5	7.2	7.0	
42.0									9.0	8.0	7.5	7.0	6.7	6.5	
44.0										7.5	7.0	6.5	6.2	6.0	
46.0										7.0	6.5	6.0	5.8	5.5	
48.0											6.0	5.5	5.4	5.0	
50.0											5.5	5.0	5.1	4.6	
52.0												4.5	4.7	4.2	
54.0												4.2	4.4	4.0	
56.0													4.1	3.8	
58.0													3.9	3.5	
60.0														3.2	
62.0														2.9	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	
Min. boom angle °	0														
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001					447			

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	240.0													
3.5	205.0	70.0	52.0											
4.0	185.0	65.0	46.0	63.0										
4.5	170.0	61.0	43.0	59.0	62.0									
5.0	158.0	58.0	40.0	55.0	58.0									
6.0	132.6	53.0	36.0	50.0	53.0	55.0								
7.0	111.0	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	93.0	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	81.0	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	71.0	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5				
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0			
12.0		34.0	21.0	30.0	31.0	34.0	30.0	25.0	26.5	24.5	22.0	23.0		
14.0		30.0	19.0	27.0	27.0	30.0	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0
16.0			17.0	24.0	24.0	27.0	23.5	21.0	21.5	19.5	18.0	19.0	19.0	16.0
18.0			15.0	22.0	21.0	25.0	21.0	19.0	19.5	17.5	16.0	17.0	17.0	15.0
20.0				20.0	19.0	22.0	19.5	17.0	18.0	16.0	14.5	15.5	15.5	14.0
22.0				18.0	18.0	20.0	18.0	15.5	16.5	15.0	13.5	14.0	14.5	13.0
24.0					16.0	18.0	16.5	14.5	15.5	14.0	12.5	13.0	13.5	12.0
26.0					15.0	17.0	15.0	13.5	14.5	12.5	11.5	12.0	12.5	11.2
28.0						16.0	14.0	12.5	13.5	12.0	10.5	11.0	11.5	10.5
30.0						15.0	13.0	11.5	12.5	11.0	10.0	10.0	10.5	10.0
32.0							12.0	10.5	12.0	10.5	9.5	9.5	9.5	9.2
34.0							11.0	10.0	11.0	9.5	9.0	9.0	9.0	8.5
36.0								9.5	10.5	9.0	8.5	8.5	8.5	8.0
38.0								9.0	10.0	8.5	8.0	8.0	8.0	7.5
40.0									9.5	8.0	7.5	7.5	7.2	7.0
42.0									9.0	7.5	7.0	7.0	6.7	6.5
44.0										7.0	6.5	6.5	6.2	6.0
46.0										6.5	6.0	6.0	5.8	5.5
48.0											5.5	5.5	5.4	5.0
50.0											5.0	5.0	5.1	4.6
52.0												4.5	4.7	4.2
54.0												4.2	4.4	4.0
56.0													4.1	3.8
58.0													3.9	3.5
60.0														3.2
62.0														2.9
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81
Boom angle °	29	26	25	23	23	22	22	21	21	21	21	21	21	22
Min. boom angle °	0													
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001						447					

**On fully-extended outriggers, with counterweight of 62t, 360° operation of the boom
(1) 1st Combination of boom sections**

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	240.0													
3.5	205.0	140.0	136.0											
4.0	185.0	140.0	132.0	120.0										
4.5	168.5	140.0	128.0	113.0	100.0									
5.0	152.2	131.0	121.0	106.0	92.0									
6.0	124.0	120.0	110.0	96.0	83.0	74.0								
7.0	102.0	100.0	99.0	86.0	75.0	67.0	60.0							
8.0	87.0	86.0	85.0	78.0	68.0	61.0	55.0	51.0						
9.0	75.0	74.0	74.0	72.0	63.0	56.0	50.0	47.0	42.0					
10.0	62.0	64.0	64.0	64.5	58.0	52.0	46.0	43.0	39.0	36.0				
11.0		56.0	57.0	57.3	53.0	48.0	43.0	40.0	36.0	33.0	31.0			
12.0		50.0	51.0	51.0	49.0	44.0	40.0	37.0	34.0	31.0	29.0	26.0		
14.0		41.0	41.7	41.8	41.5	39.0	36.0	33.0	30.0	27.5	26.0	24.0	21.0	17.0
16.0			34.2	35.0	35.5	34.0	32.0	29.0	26.5	24.5	23.0	21.5	19.0	16.0
18.0			28.1	30.0	30.2	30.9	29.0	26.5	24.0	22.0	21.0	19.5	17.0	15.0
20.0				25.8	25.4	26.1	26.0	24.0	21.5	20.0	19.0	17.5	15.5	14.0
22.0				22.0	21.6	22.3	23.0	22.0	20.0	18.0	17.0	16.0	14.5	13.0
24.0					18.6	19.3	19.9	20.0	18.0	16.5	16.0	14.5	13.5	12.0
26.0					16.1	16.8	17.4	18.2	16.5	15.0	14.5	13.5	12.5	11.2
28.0						14.7	15.3	16.1	15.0	14.0	13.5	12.5	11.5	10.5
30.0						12.9	13.5	14.3	14.0	13.0	12.0	11.5	10.5	10.0
32.0							12.0	12.8	12.6	12.0	11.0	10.5	9.5	9.2
34.0							10.7	11.4	11.3	11.0	10.0	10.0	9.0	8.5
36.0								10.3	10.1	10.3	9.5	9.0	8.5	8.0
38.0								9.2	9.1	9.3	9.0	8.5	8.0	7.5
40.0									8.2	8.4	8.5	8.0	7.2	7.0
42.0									7.4	7.5	7.8	7.5	6.7	6.5
44.0										6.8	7.0	7.0	6.2	6.0
46.0										6.1	6.4	6.5	5.8	5.5
48.0											5.8	6.0	5.4	5.0
50.0											5.2	5.5	5.1	4.6
52.0												5.0	4.7	4.2
54.0												4.5	4.4	4.0
56.0													4.1	3.8
58.0													3.9	3.5
60.0														3.2
62.0														2.9
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0
Min. boom angle °	0													
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333
Parts of line	18	12	10	8	5	4	3	2						
Weight of hook (kg)	2319	1827					1001				447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	240.0														
3.5	205.0	100.0	80.0												
4.0	185.0	97.0	74.0	96.0											
4.5	168.5	92.0	70.0	91.0	73.0										
5.0	152.2	88.0	66.0	86.0	69.0										
6.0	124.0	80.0	60.0	77.0	62.0	69.0									
7.0	102.0	75.0	55.0	69.0	57.0	63.0	52.0								
8.0	87.0	70.0	50.0	62.0	52.0	58.0	48.0	46.0							
9.0	75.0	65.0	46.0	57.0	48.0	54.0	45.0	42.0	38.0						
10.0	62.0	61.0	43.0	53.0	45.0	50.0	42.0	39.0	35.0	32.0					
11.0		58.0	40.0	49.0	42.0	46.0	39.0	37.0	32.5	29.0	27.0				
12.0		51.5	38.0	45.0	39.0	43.0	36.0	34.0	30.5	27.5	25.5	23.0			
14.0		42.5	34.0	40.0	35.0	39.0	32.0	30.0	27.0	24.5	22.5	21.0	21.0	17.0	
16.0			31.0	35.0	31.0	34.5	29.0	27.0	24.0	21.5	20.5	19.0	19.0	16.0	
18.0			27.0	31.0	28.0	31.0	27.0	24.0	21.5	19.5	18.5	17.0	17.0	15.0	
20.0				26.0	25.0	27.3	24.0	22.0	19.5	18.0	17.0	15.5	15.5	14.0	
22.0				22.3	23.0	23.5	22.0	20.0	18.0	16.0	15.0	14.0	14.5	13.0	
24.0					20.5	20.5	20.5	18.5	16.5	15.0	14.0	13.0	13.5	12.0	
26.0					18.0	18.0	18.8	17.0	15.0	14.0	13.0	12.0	12.5	11.2	
28.0						15.9	16.6	16.0	14.0	12.5	12.0	11.0	11.5	10.5	
30.0						14.1	14.9	14.7	13.0	11.5	11.0	10.0	10.5	10.0	
32.0							13.3	13.1	12.0	11.0	10.0	9.5	9.5	9.2	
34.0							12.0	11.8	11.0	10.0	9.5	9.0	9.0	8.5	
36.0								10.6	10.5	9.5	9.0	8.5	8.5	8.0	
38.0								9.6	9.7	9.0	8.5	8.0	8.0	7.5	
40.0									8.7	8.5	8.0	7.5	7.2	7.0	
42.0									7.9	8.0	7.5	7.0	6.7	6.5	
44.0										7.4	7.0	6.5	6.2	6.0	
46.0										6.7	6.5	6.0	5.8	5.5	
48.0											6.0	5.5	5.4	5.0	
50.0											5.5	5.0	5.1	4.6	
52.0												4.5	4.7	4.2	
54.0												4.2	4.4	4.0	
56.0													4.1	3.8	
58.0													3.9	3.5	
60.0														3.2	
62.0														2.9	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	
Min. boom angle °	0														
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4	3			2			
Weight of hook (kg)	2319	1827					1001					447			

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	240.0													
3.5	205.0	70.0	52.0											
4.0	185.0	65.0	46.0	63.0										
4.5	168.5	61.0	43.0	59.0	62.0									
5.0	152.2	58.0	40.0	55.0	58.0									
6.0	124.0	53.0	36.0	50.0	53.0	55.0								
7.0	102.0	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	87.0	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	75.0	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	62.0	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5				
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0			
12.0		34.0	21.0	30.0	31.0	34.0	30.0	25.0	26.5	24.5	22.0	23.0		
14.0		30.0	19.0	27.0	27.0	30.0	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0
16.0			17.0	24.0	24.0	27.0	23.5	21.0	21.5	19.5	18.0	19.0	19.0	16.0
18.0			15.0	22.0	21.0	25.0	21.0	19.0	19.5	17.5	16.0	17.0	17.0	15.0
20.0				20.0	19.0	22.0	19.5	17.0	18.0	16.0	14.5	15.5	15.5	14.0
22.0				18.0	18.0	20.0	18.0	15.5	16.5	15.0	13.5	14.0	14.5	13.0
24.0					16.0	18.0	16.5	14.5	15.5	14.0	12.5	13.0	13.5	12.0
26.0					15.0	17.0	15.0	13.5	14.5	12.5	11.5	12.0	12.5	11.2
28.0						16.0	14.0	12.5	13.5	12.0	10.5	11.0	11.5	10.5
30.0						15.0	13.0	11.5	12.5	11.0	10.0	10.0	10.5	10.0
32.0							12.0	10.5	12.0	10.5	9.5	9.5	9.5	9.2
34.0							11.0	10.0	11.0	9.5	9.0	9.0	9.0	8.5
36.0								9.5	10.5	9.0	8.5	8.5	8.5	8.0
38.0								9.0	10.0	8.5	8.0	8.0	8.0	7.5
40.0									9.5	8.0	7.5	7.5	7.2	7.0
42.0									9.0	7.5	7.0	7.0	6.7	6.5
44.0										7.0	6.5	6.5	6.2	6.0
46.0										6.5	6.0	6.0	5.8	5.5
48.0											5.5	5.5	5.4	5.0
50.0											5.0	5.0	5.1	4.6
52.0												4.5	4.7	4.2
54.0												4.2	4.4	4.0
56.0													4.1	3.8
58.0													3.9	3.5
60.0														3.2
62.0														2.9
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0
Min. boom angle °	0													
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001						447					

On fully-extended outriggers, with counterweight of 42t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius/Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	230.3														
3.5	200.1	140.0	136.0												
4.0	176.6	140.0	132.0	120.0											
4.5	157.8	140.0	128.0	113.0	100.0										
5.0	139.0	131.5	121.0	106.0	92.0										
6.0	110.5	109.0	108.0	96.0	83.0	74.0									
7.0	90.0	90.0	89.0	86.0	75.0	67.0	60.0								
8.0	75.5	75.5	75.0	75.0	68.0	61.0	55.0	51.0							
9.0	66.0	65.0	64.5	66.0	63.0	56.0	50.0	47.0	42.0						
10.0	57.0	57.0	56.5	57.6	56.5	52.0	46.0	43.0	39.0	36.0					
11.0		50.0	50.0	50.8	50.0	48.0	43.0	40.0	36.0	33.0	31.0				
12.0		44.0	44.0	44.3	44.5	44.0	40.0	37.0	34.0	31.0	29.0	26.0			
14.0		35.6	35.0	35.7	35.3	36.0	36.0	33.0	30.0	27.5	26.0	24.0	21.0	17.0	
16.0			27.8	28.5	28.1	28.8	29.5	29.0	26.5	24.5	23.0	21.5	19.0	16.0	
18.0			22.6	23.3	22.9	23.6	24.3	25.1	24.0	22.0	21.0	19.5	17.0	15.0	
20.0				19.4	19.0	19.7	20.4	21.2	21.0	20.0	19.0	17.5	15.5	14.0	
22.0				16.3	15.9	16.6	17.3	18.1	17.9	18.0	17.0	16.0	14.5	13.0	
24.0					13.4	14.1	14.8	15.6	15.4	15.6	15.9	14.5	13.5	12.0	
26.0					11.4	12.1	12.7	13.5	13.4	13.6	13.8	13.5	12.5	11.2	
28.0						10.4	11.0	11.8	11.7	11.8	12.1	12.4	11.5	10.5	
30.0						8.9	9.6	10.3	10.2	10.4	10.6	10.9	10.5	10.0	
32.0							8.3	9.1	9.0	9.1	9.4	9.7	9.5	9.2	
34.0							7.2	8.0	7.9	8.0	8.3	8.6	9.0	8.5	
36.0								7.0	6.9	7.1	7.3	7.6	8.0	8.0	
38.0								6.2	6.1	6.2	6.5	6.8	7.2	7.2	
40.0									5.3	5.5	5.7	6.0	6.4	6.4	
42.0									4.6	4.8	5.1	5.3	5.7	5.8	
44.0										4.2	4.5	4.7	5.1	5.1	
46.0										3.7	3.9	4.2	4.6	4.6	
48.0											3.4	3.7	4.1	4.1	
50.0											2.9	3.2	3.6	3.6	
52.0												2.8	3.2	3.2	
54.0												2.4	2.8	2.8	
56.0													2.4	2.5	
58.0													2.1	2.1	
60.0														1.8	
62.0														1.5	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	
Min. boom angle °	0														
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	5	4	3	2							
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius/Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	230.3														
3.5	200.1	100.0	80.0												
4.0	176.6	97.0	74.0	96.0											
4.5	157.8	92.0	70.0	91.0	73.0										
5.0	139.0	88.0	66.0	86.0	69.0										
6.0	110.5	80.0	60.0	77.0	62.0	69.0									
7.0	90.0	75.0	55.0	69.0	57.0	63.0	52.0								
8.0	75.5	70.0	50.0	62.0	52.0	58.0	48.0	46.0							
9.0	66.0	65.0	46.0	57.0	48.0	54.0	45.0	42.0	38.0						
10.0	57.0	58.0	43.0	53.0	45.0	50.0	42.0	39.0	35.0	32.0					
11.0		52.0	40.0	49.0	42.0	46.0	39.0	37.0	32.5	29.0	27.0				
12.0		46.7	38.0	45.0	39.0	43.0	36.0	34.0	30.5	27.5	25.5	23.0			
14.0		37.0	34.0	36.1	35.0	37.4	32.0	30.0	27.0	24.5	22.5	21.0	21.0	17.0	
16.0			31.0	28.9	29.3	30.2	29.0	27.0	24.0	21.5	20.5	19.0	19.0	16.0	
18.0			25.8	23.7	24.1	24.9	25.8	24.0	21.5	19.5	18.5	17.0	17.0	15.0	
20.0				19.8	20.1	21.0	21.8	21.6	19.5	18.0	17.0	15.5	15.5	14.0	
22.0				16.6	17.0	17.9	18.7	18.5	18.0	16.0	15.0	14.0	14.5	13.0	
24.0					14.6	15.4	16.1	16.0	16.0	15.0	14.0	13.0	13.5	12.0	
26.0					12.5	13.3	14.1	13.9	14.0	14.0	13.0	12.0	12.5	11.2	
28.0						11.6	12.4	12.2	12.2	12.5	12.0	11.0	11.5	10.5	
30.0						10.1	10.9	10.7	10.8	11.0	11.0	10.0	10.5	10.0	
32.0							9.6	9.4	9.5	9.8	10.0	9.5	9.5	9.2	
34.0							8.5	8.4	8.4	8.7	9.0	9.0	9.0	8.5	
36.0								7.4	7.5	7.7	8.0	8.4	8.0	8.0	
38.0								6.5	6.6	6.9	7.2	7.6	7.2	7.2	
40.0									5.9	6.1	6.4	6.8	6.4	6.4	
42.0									5.2	5.4	5.8	6.1	5.7	5.8	
44.0										4.8	5.1	5.5	5.1	5.1	
46.0										4.3	4.6	5.0	4.6	4.6	
48.0											4.1	4.5	4.1	4.1	
50.0											3.6	4.0	3.6	3.6	
52.0												3.6	3.2	3.2	
54.0												3.2	2.8	2.8	
56.0													2.4	2.5	
58.0													2.1	2.1	
60.0														1.8	
62.0														1.5	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	
Min. boom angle °	0														
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001				447				

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	230.3														
3.5	200.1	70.0	52.0												
4.0	176.6	65.0	46.0	63.0											
4.5	157.8	61.0	43.0	59.0	62.0										
5.0	139.0	58.0	40.0	55.0	58.0										
6.0	110.5	53.0	36.0	50.0	53.0	55.0									
7.0	90.0	48.0	32.0	45.0	47.0	51.0	44.0								
8.0	75.5	44.0	29.0	41.0	43.0	46.0	40.0	34.0							
9.0	66.0	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0						
10.0	57.0	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5					
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0				
12.0		34.0	21.0	30.0	31.0	34.0	30.0	25.0	26.5	24.5	22.0	23.0			
14.0		30.0	19.0	27.0	27.0	30.0	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0	
16.0			17.0	24.0	24.0	27.0	23.5	21.0	21.5	19.5	18.0	19.0	19.0	16.0	
18.0			15.0	22.0	21.0	25.0	21.0	19.0	19.5	17.5	16.0	17.0	17.0	15.0	
20.0				20.0	19.0	22.0	19.5	17.0	18.0	16.0	14.5	15.5	15.5	14.0	
22.0				18.0	18.0	19.3	18.0	15.5	16.5	15.0	13.5	14.0	14.5	13.0	
24.0					16.0	16.8	16.5	14.5	15.5	14.0	12.5	13.0	13.5	12.0	
26.0					15.0	14.7	15.0	13.5	14.5	12.5	11.5	12.0	12.5	11.2	
28.0						13.0	13.6	12.5	13.3	12.0	10.5	11.0	11.5	10.5	
30.0						11.5	12.1	11.5	11.9	11.0	10.0	10.0	10.5	10.0	
32.0							10.8	10.5	10.6	10.5	9.5	9.5	9.5	9.2	
34.0							9.7	10.0	9.5	9.5	9.0	9.0	9.0	8.5	
36.0								9.1	8.5	8.7	8.5	8.4	8.0	8.0	
38.0								8.2	7.7	7.8	7.8	7.6	7.2	7.2	
40.0									6.9	7.1	7.0	6.8	6.4	6.4	
42.0									6.2	6.4	6.3	6.1	5.7	5.8	
44.0										5.8	5.7	5.5	5.1	5.1	
46.0										5.2	5.2	5.0	4.6	4.6	
48.0											4.7	4.5	4.1	4.1	
50.0											4.2	4.0	3.6	3.6	
52.0												3.6	3.2	3.2	
54.0												3.2	2.8	2.8	
56.0													2.4	2.5	
58.0													2.1	2.1	
60.0														1.8	
62.0														1.5	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	
Min. boom angle °	0														
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333	
Parts of line	18	6	5				4		3			2			
Weight of hook (kg)	2319	1827	1001							447					

**On fully-extended outriggers, with counterweight of 32t, 360° operation of the boom
(1) 1st Combination of boom sections**

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	222.6													
3.5	192.0	140.0	136.0											
4.0	168.0	140.0	132.0	120.0										
4.5	147.0	140.0	128.0	113.0	100.0									
5.0	129.0	128.0	121.0	106.0	92.0									
6.0	101.0	101.0	101.0	96.0	83.0	74.0								
7.0	83.0	82.5	82.0	83.0	75.0	67.0	60.0							
8.0	70.0	70.0	70.0	70.0	68.0	61.0	55.0	51.0						
9.0	60.0	60.0	60.0	60.0	60.0	56.0	50.0	47.0	42.0					
10.0	52.0	52.7	52.0	52.5	53.0	52.0	46.0	43.0	39.0	36.0				
11.0		46.6	45.5	45.5	46.2	47.1	43.0	40.0	36.0	33.0	31.0			
12.0		40.0	39.4	40.0	39.6	40.4	40.0	37.0	34.0	31.0	29.0	26.0		
14.0		30.5	30.0	30.0	30.2	31.0	31.7	32.6	30.0	27.5	26.0	24.0	21.0	17.0
16.0			23.6	24.3	23.9	24.6	25.3	26.2	26.0	24.5	23.0	21.5	19.0	16.0
18.0			19.0	19.7	19.3	20.0	20.7	21.5	21.4	21.6	21.0	19.5	17.0	15.0
20.0				16.2	15.8	16.5	17.2	18.0	17.8	18.0	18.3	17.5	15.5	14.0
22.0				13.4	13.1	13.8	14.4	15.2	15.1	15.3	15.5	15.8	14.5	13.0
24.0					10.9	11.6	12.2	13.0	12.9	13.0	13.3	13.6	13.5	12.0
26.0					9.0	9.8	10.4	11.2	11.0	11.2	11.5	11.8	12.2	11.2
28.0						8.2	8.9	9.6	9.5	9.7	9.9	10.2	10.6	10.5
30.0						6.9	7.6	8.3	8.2	8.4	8.6	8.9	9.3	9.4
32.0							6.5	7.2	7.1	7.3	7.5	7.8	8.2	8.3
34.0							5.5	6.3	6.1	6.3	6.6	6.8	7.2	7.3
36.0								5.4	5.3	5.5	5.7	6.0	6.4	6.4
38.0								4.6	4.5	4.7	5.0	5.2	5.6	5.7
40.0									3.9	4.1	4.3	4.6	5.0	5.0
42.0									3.3	3.5	3.7	4.0	4.4	4.4
44.0										2.9	3.2	3.4	3.8	3.9
46.0										2.4	2.7	2.9	3.3	3.4
48.0											2.2	2.5	2.9	2.9
50.0											1.8	2.1	2.5	2.5
52.0												1.7	2.1	2.1
54.0												1.4	1.7	1.8
56.0													1.4	1.5
58.0														
60.0														
62.0														
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	27.0	35.0
Min. boom angle °	0													22
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333
Parts of line	18	12	10	8	5	4	3	2						
Weight of hook (kg)	2319	1827				1001				447				

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	222.6														
3.5	192.0	100.0	80.0												
4.0	168.0	97.0	74.0	96.0											
4.5	147.0	92.0	70.0	91.0	100.0										
5.0	129.0	88.0	66.0	86.0	92.0										
6.0	101.0	80.0	60.0	77.0	83.0	69.0									
7.0	83.0	75.0	55.0	69.0	75.0	63.0	52.0								
8.0	70.0	70.0	50.0	62.0	68.0	58.0	48.0	46.0							
9.0	60.0	62.0	46.0	57.0	61.5	54.0	45.0	42.0	38.0						
10.0	52.0	54.0	43.0	53.0	54.0	50.0	42.0	39.0	35.0	32.0					
11.0		48.1	40.0	47.2	47.6	46.0	39.0	37.0	32.5	29.0	27.0				
12.0		41.5	38.0	40.5	41.0	41.9	36.0	34.0	30.5	27.5	25.5	23.0			
14.0		31.9	33.3	31.1	31.5	32.4	32.0	30.0	27.0	24.5	22.5	21.0	21.0	17.0	
16.0			26.8	24.7	25.1	26.0	26.8	26.6	24.0	21.5	20.5	19.0	19.0	16.0	
18.0			22.1	20.1	20.5	21.3	22.1	21.9	21.5	19.5	18.5	17.0	17.0	15.0	
20.0				16.6	17.0	17.8	18.6	18.4	18.5	18.0	17.0	15.5	15.5	14.0	
22.0				13.8	14.2	15.0	15.8	15.6	15.7	15.9	15.0	14.0	14.5	13.0	
24.0					12.0	12.8	13.6	13.4	13.5	13.7	14.0	13.0	13.5	12.0	
26.0					10.2	11.0	11.7	11.6	11.6	11.9	12.2	12.0	12.2	11.2	
28.0						9.4	10.2	10.0	10.1	10.3	10.7	11.0	10.6	10.5	
30.0						8.1	8.9	8.7	8.8	9.0	9.4	9.8	9.3	9.4	
32.0							7.8	7.6	7.7	7.9	8.2	8.6	8.2	8.3	
34.0							6.8	6.6	6.7	6.9	7.3	7.7	7.2	7.3	
36.0								5.8	5.9	6.1	6.4	6.8	6.4	6.4	
38.0								5.0	5.1	5.3	5.7	6.1	5.6	5.7	
40.0									4.4	4.7	5.0	5.4	5.0	5.0	
42.0									3.8	4.1	4.4	4.8	4.4	4.4	
44.0										3.5	3.8	4.2	3.8	3.9	
46.0										3.0	3.4	3.7	3.3	3.4	
48.0											2.9	3.3	2.9	2.9	
50.0											2.5	2.9	2.5	2.5	
52.0												2.5	2.1	2.1	
54.0												2.2	1.7	1.8	
56.0													1.4	1.5	
58.0															
60.0															
62.0															
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	27.0	35.0	
Min. boom angle °	0													22	
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001				447				

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	222.6													
3.5	192.0	70.0	52.0											
4.0	168.0	65.0	46.0	63.0										
4.5	147.0	61.0	43.0	59.0	62.0									
5.0	129.0	58.0	40.0	55.0	58.0									
6.0	101.0	53.0	36.0	50.0	53.0	55.0								
7.0	83.0	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	70.0	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	60.0	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	52.0	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5				
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0			
12.0		34.0	21.0	30.0	31.0	34.0	30.0	25.0	26.5	24.5	22.0	23.0		
14.0		30.0	19.0	27.0	27.0	30.0	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0
16.0			17.0	24.0	24.0	27.0	23.5	21.0	21.5	19.5	18.0	19.0	19.0	16.0
18.0			15.0	22.0	21.0	22.8	21.0	19.0	19.5	17.5	16.0	17.0	17.0	15.0
20.0				19.7	19.0	19.2	19.5	17.0	18.0	16.0	14.5	15.5	15.5	14.0
22.0				16.9	16.8	16.5	17.1	15.5	16.5	15.0	13.5	14.0	14.5	13.0
24.0					14.6	14.2	14.8	14.5	14.6	14.0	12.5	13.0	13.5	12.0
26.0					12.7	12.4	13.0	13.3	12.7	12.5	11.5	12.0	12.2	11.2
28.0						10.8	11.4	11.8	11.2	11.3	10.5	11.0	10.6	10.5
30.0						9.5	10.1	10.5	9.9	10.0	10.0	9.8	9.3	9.4
32.0							9.0	9.3	8.7	8.9	8.9	8.6	8.2	8.3
34.0							8.0	8.3	7.8	7.9	7.9	7.7	7.2	7.3
36.0								7.5	6.9	7.1	7.0	6.8	6.4	6.4
38.0								6.7	6.2	6.3	6.3	6.1	5.6	5.7
40.0									5.5	5.6	5.6	5.4	5.0	5.0
42.0									4.9	5.0	5.0	4.8	4.4	4.4
44.0										4.5	4.4	4.2	3.8	3.9
46.0										4.0	3.9	3.7	3.3	3.4
48.0											3.5	3.3	2.9	2.9
50.0											3.1	2.9	2.5	2.5
52.0												2.5	2.1	2.1
54.0												2.2	1.7	1.8
56.0													1.4	1.5
58.0														
60.0														
62.0														
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	27.0	35.0
Min. boom angle °	0													22
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001								447			

On fully-extended outriggers, with counterweight of 22t, 360° operation of the boom

1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	215.0														
3.5	186.7	140.0	136.0												
4.0	159.0	140.0	132.0	120.0											
4.5	137.0	135.0	128.0	113.0	100.0										
5.0	119.0	118.0	116.5	106.0	92.0										
6.0	93.0	92.0	91.0	92.0	83.0	74.0									
7.0	75.5	76.0	75.0	77.0	75.0	67.0	60.0								
8.0	64.0	64.5	63.0	65.0	64.0	61.0	55.0	51.0							
9.0	54.8	55.5	54.2	54.6	55.0	56.0	50.0	47.0	42.0						
10.0	47.4	47.1	46.4	47.2	46.7	47.6	46.0	43.0	39.0	36.0					
11.0		39.5	38.9	39.6	39.1	40.0	40.8	40.0	36.0	33.0	31.0				
12.0		33.8	33.1	33.9	33.4	34.2	35.0	35.9	34.0	31.0	29.0	26.0			
14.0		25.5	24.9	25.6	25.2	26.0	26.7	27.6	27.5	27.5	26.0	24.0	21.0	17.0	
16.0			19.4	20.1	19.6	20.4	21.1	21.9	21.8	22.0	22.3	21.5	19.0	16.0	
18.0			15.4	16.0	15.6	16.4	17.0	17.9	17.7	17.9	18.2	18.5	17.0	15.0	
20.0				13.0	12.6	13.3	14.0	14.8	14.6	14.8	15.1	15.4	15.5	14.0	
22.0				10.6	10.2	10.9	11.6	12.4	12.2	12.4	12.7	13.0	13.4	13.0	
24.0					8.3	9.0	9.6	10.4	10.3	10.5	10.7	11.0	11.4	11.5	
26.0					6.7	7.4	8.1	8.8	8.7	8.9	9.1	9.4	9.8	9.9	
28.0						6.1	6.7	7.5	7.4	7.5	7.8	8.1	8.5	8.5	
30.0						5.0	5.6	6.4	6.2	6.4	6.7	6.9	7.3	7.4	
32.0							4.6	5.4	5.3	5.4	5.7	6.0	6.4	6.4	
34.0							3.8	4.5	4.4	4.6	4.8	5.1	5.5	5.6	
36.0								3.8	3.7	3.9	4.1	4.4	4.8	4.8	
38.0								3.1	3.0	3.2	3.4	3.7	4.1	4.1	
40.0									2.4	2.6	2.8	3.1	3.5	3.5	
42.0									1.9	2.1	2.3	2.6	3.0	3.0	
44.0										1.6	1.8	2.1	2.5	2.5	
46.0											1.4	1.7	2.1	2.1	
48.0													1.7	1.7	
50.0															
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	28.0	32.0	39.0	42.0	46.0	
Min. boom angle °	0										21	32	31	38	
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	5	4	3	2							
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	215.0														
3.5	186.7	100.0	80.0												
4.0	159.0	97.0	74.0	96.0											
4.5	137.0	92.0	70.0	91.0	73.0										
5.0	119.0	88.0	66.0	86.0	69.0										
6.0	93.0	80.0	60.0	77.0	62.0	69.0									
7.0	75.5	75.0	55.0	69.0	57.0	63.0	52.0								
8.0	64.0	66.0	50.0	62.0	52.0	58.0	48.0	46.0							
9.0	54.8	57.2	46.0	57.0	48.0	54.0	45.0	42.0	38.0						
10.0	47.4	48.7	43.0	47.7	45.0	49.2	42.0	39.0	35.0	32.0					
11.0		41.1	40.0	40.1	40.6	41.5	39.0	37.0	32.5	29.0	27.0				
12.0		35.2	36.7	34.3	34.7	35.7	36.0	34.0	30.5	27.5	25.5	23.0			
14.0		26.9	28.3	26.1	26.5	27.4	28.3	28.1	27.0	24.5	22.5	21.0	21.0	17.0	
16.0			22.6	20.5	20.9	21.7	22.6	22.4	22.5	21.5	20.5	19.0	19.0	16.0	
18.0			18.5	16.4	16.8	17.7	18.5	18.3	18.4	18.6	18.5	17.0	17.0	15.0	
20.0				13.4	13.8	14.6	15.4	15.2	15.3	15.5	15.9	15.5	15.5	14.0	
22.0				11.0	11.4	12.2	13.0	12.8	12.8	13.1	13.4	13.9	13.4	13.0	
24.0					9.4	10.2	11.0	10.8	10.9	11.1	11.5	11.9	11.4	11.5	
26.0					7.8	8.6	9.4	9.2	9.3	9.5	9.9	10.3	9.8	9.9	
28.0						7.3	8.1	7.9	7.9	8.2	8.5	8.9	8.5	8.5	
30.0						6.1	6.9	6.7	6.8	7.0	7.4	7.8	7.3	7.4	
32.0							5.9	5.8	5.8	6.1	6.4	6.8	6.4	6.4	
34.0							5.1	4.9	5.0	5.2	5.5	5.9	5.5	5.6	
36.0								4.2	4.2	4.5	4.8	5.2	4.8	4.8	
38.0								3.5	3.6	3.8	4.1	4.5	4.1	4.1	
40.0									3.0	3.2	3.5	3.9	3.5	3.5	
42.0									2.4	2.7	3.0	3.4	3.0	3.0	
44.0										2.2	2.5	2.9	2.5	2.5	
46.0										1.8	2.1	2.5	2.1	2.1	
48.0											1.7	2.1	1.7	1.7	
50.0												1.7			
52.0												1.4			
54.0															
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	27.0	27.0	27.0	42.0	46.0	
Min. boom angle °	0.0												31.0	38.0	
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001					447			

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	215.0													
3.5	186.7	70.0	52.0											
4.0	159.0	65.0	46.0	63.0										
4.5	137.0	61.0	43.0	59.0	62.0									
5.0	119.0	58.0	40.0	55.0	58.0									
6.0	93.0	53.0	36.0	50.0	53.0	55.0								
7.0	75.5	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	64.0	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	54.8	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	47.4	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5				
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0			
12.0		34.0	21.0	30.0	31.0	34.0	30.0	25.0	26.5	24.5	22.0	23.0		
14.0		27.9	19.0	27.0	27.0	29.0	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0
16.0			17.0	23.8	23.7	23.3	23.5	21.0	21.5	19.5	18.0	19.0	19.0	16.0
18.0			15.0	19.6	19.6	19.2	19.8	19.0	19.5	17.5	16.0	17.0	17.0	15.0
20.0				16.5	16.4	16.0	16.7	17.0	16.4	16.0	14.5	15.5	15.5	14.0
22.0				14.0	14.0	13.6	14.2	14.6	14.0	14.1	13.5	13.9	13.4	13.0
24.0					12.0	11.6	12.3	12.6	12.0	12.2	12.1	11.9	11.4	11.5
26.0					10.4	10.0	10.7	11.0	10.4	10.5	10.5	10.3	9.8	9.9
28.0						8.7	9.3	9.6	9.0	9.2	9.1	8.9	8.5	8.5
30.0						7.5	8.1	8.5	7.9	8.0	8.0	7.8	7.3	7.4
32.0							7.2	7.5	6.9	7.0	7.0	6.8	6.4	6.4
34.0							6.3	6.6	6.0	6.2	6.2	5.9	5.5	5.6
36.0								5.9	5.3	5.4	5.4	5.2	4.8	4.8
38.0								5.2	4.6	4.8	4.7	4.5	4.1	4.1
40.0									4.0	4.2	4.1	3.9	3.5	3.5
42.0									3.5	3.6	3.6	3.4	3.0	3.0
44.0										3.2	3.1	2.9	2.5	2.5
46.0										2.7	2.7	2.5	2.1	2.1
48.0											2.3	2.1	1.7	1.7
50.0											1.9	1.7		
52.0												1.4		
54.0														
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	27.0	42.0	46.0
Min. boom angle °	0												31	38
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001								447			

On fully-extended outriggers, with counterweight of 0t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	193.0													
3.5	157.0	140.0	136.0											
4.0	132.0	130.0	131.0	120.0										
4.5	112.0	111.9	112.0	113.0	100.0									
5.0	98.0	98.0	96.5	98.0	92.0									
6.0	77.0	78.0	77.0	78.0	77.0	74.0								
7.0	63.1	62.7	61.7	62.7	62.0	63.2	60.0							
8.0	46.8	46.4	45.6	46.5	45.8	46.9	47.9	49.2						
9.0	36.5	36.2	35.4	36.2	35.7	36.6	37.6	38.7	38.5					
10.0	29.3	29.1	28.4	29.2	28.7	29.6	30.4	31.5	31.3	31.6				
11.0		24.0	23.3	24.1	23.5	24.4	25.2	26.2	26.1	26.3	26.6			
12.0		20.0	19.4	20.1	19.7	20.5	21.3	22.2	22.1	22.3	22.6	23.0		
14.0		14.0	13.4	14.2	13.7	14.5	15.3	16.3	16.1	16.3	16.7	17.0	17.5	17.0
16.0			9.5	10.2	9.7	10.5	11.3	12.2	12.1	12.3	12.6	12.9	13.4	13.4
18.0			6.7	7.4	7.0	7.7	8.5	9.3	9.2	9.4	9.7	10.0	10.5	10.5
20.0				5.3	4.9	5.6	6.3	7.2	7.0	7.2	7.5	7.8	8.3	8.3
22.0				3.7	3.3	4.0	4.7	5.5	5.4	5.6	5.9	6.2	6.6	6.6
24.0					2.0	2.7	3.4	4.2	4.1	4.3	4.5	4.8	5.3	5.3
26.0						1.7	2.3	3.1	3.0	3.2	3.4	3.7	4.2	4.2
28.0							1.5	2.2	2.1	2.3	2.5	2.8	3.3	3.3
30.0								1.5		1.5	1.8	2.1	2.5	2.5
32.0													1.8	1.9
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81
Boom angle °	29	26	25	23	32	38	41	44	53	55	58	61	62	64
Min. boom angle °	0					36	40	46	52	53	53	54	55	58
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333
Parts of line	18	12		10	8		5		4	3		2		
Weight of hook (kg)	2319	1827					1001				447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	193.0														
3.5	157.0	100.0	80.0												
4.0	132.0	97.0	74.0	96.0											
4.5	112.0	92.0	70.0	91.0	73.0										
5.0	98.0	88.0	66.0	86.0	69.0										
6.0	77.0	80.0	60.0	77.0	62.0	69.0									
7.0	63.1	64.8	55.0	63.4	57.0	63.0	52.0								
8.0	46.8	48.3	50.0	47.1	47.6	48.9	48.0	46.0							
9.0	36.5	37.9	39.6	36.8	37.3	38.4	39.5	39.3	38.0						
10.0	29.3	30.7	32.3	29.7	30.2	31.2	32.3	32.0	32.1	32.0					
11.0		25.5	27.0	24.5	25.0	26.0	27.0	26.7	26.8	27.1	27.0				
12.0		21.5	23.0	20.6	21.0	22.0	22.9	22.7	22.8	23.1	23.5	23.0			
14.0		15.5	17.0	14.6	15.1	16.0	17.0	16.8	16.9	17.2	17.6	18.1	17.5	17.0	
16.0			12.9	10.6	11.1	12.0	12.9	12.7	12.7	13.0	13.4	13.9	13.4	13.4	
18.0			10.0	7.8	8.2	9.1	10.0	9.8	9.8	10.1	10.5	11.0	10.5	10.5	
20.0				5.7	6.1	7.0	7.8	7.6	7.7	8.0	8.3	8.8	8.3	8.3	
22.0				4.1	4.5	5.3	6.1	5.9	6.0	6.3	6.6	7.1	6.6	6.6	
24.0					3.2	4.0	4.8	4.6	4.7	4.9	5.3	5.7	5.3	5.3	
26.0					2.1	2.9	3.7	3.5	3.6	3.9	4.2	4.6	4.2	4.2	
28.0						2.0	2.8	2.6	2.7	2.9	3.3	3.7	3.3	3.3	
30.0							2.1	1.9	1.9	2.2	2.5	2.9	2.5	2.5	
32.0										1.5	1.9	2.3	1.8	1.9	
34.0												1.7			
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81	
Boom angle °	29	26	25	23	23	31	36	44	50	52	56	56	62	64	
Min. boom angle °	0	0	0	0	0	0	22	35	43	45	50	49	55	58	
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4			3		2		
Weight of hook (kg)	2319	1827					1001					447			

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	193.0													
3.5	157.0	70.0	52.0											
4.0	132.0	65.0	46.0	63.0										
4.5	112.0	61.0	43.0	59.0	62.0									
5.0	98.0	58.0	40.0	55.0	58.0									
6.0	77.0	53.0	36.0	50.0	53.0	55.0								
7.0	63.1	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	46.8	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	36.5	39.2	27.0	38.0	39.0	40.5	37.0	31.0	32.0					
10.0	29.3	31.9	25.0	33.7	33.6	33.1	34.0	29.0	30.0	27.5				
11.0		26.6	23.0	28.3	28.3	27.8	28.6	27.0	28.0	26.0	24.0			
12.0		22.6	21.0	24.3	24.2	23.7	24.5	24.9	24.2	24.4	22.0	23.0		
14.0		16.6	18.1	18.3	18.2	17.8	18.6	19.0	18.2	18.4	18.4	18.1	17.5	17.0
16.0			13.9	14.1	14.1	13.6	14.4	14.8	14.1	14.2	14.2	13.9	13.4	13.4
18.0			10.9	11.2	11.1	10.7	11.4	11.8	11.1	11.3	11.2	11.0	10.5	10.5
20.0				9.0	8.9	8.5	9.2	9.6	8.9	9.1	9.0	8.8	8.3	8.3
22.0				7.3	7.2	6.8	7.5	7.8	7.2	7.4	7.3	7.1	6.6	6.6
24.0					5.8	5.5	6.1	6.5	5.8	6.0	6.0	5.7	5.3	5.3
26.0					4.7	4.4	5.0	5.4	4.7	4.9	4.9	4.6	4.2	4.2
28.0						3.4	4.1	4.4	3.8	4.0	3.9	3.7	3.3	3.3
30.0						2.7	3.3	3.6	3.0	3.2	3.2	2.9	2.5	2.5
32.0							2.6	3.0	2.4	2.5	2.5	2.3	1.8	1.9
34.0							2.1	2.4	1.8	2.0	1.9	1.7		
36.0								1.9		1.5				
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	29.0	43.0	45.0	53.0	56.0	62.0	64.0
Min. boom angle °	0								34	37	44	49	55	58
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	112222	122222	222222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001								447			

On half-extended outriggers (9625×6500), with counterweight of 75t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius/Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38	42.1	46.2	50.3	54.5	58.6	62.7	67	
3	240														
3.5	205	140	136												
4	185	140	132	120											
4.5	170	140	128	113	100										
5	158	132	121	106	92										
6	132.6	125	110	96	83	74									
7	111	110	100	86	75	67	60								
8	93	91.8	88	78	68	61	55	51							
9	81	80	78	72	63	56	50	47	42						
10	71	70	70	67	58	52	46	43	39	36					
11		61.5	61.2	61.9	53	48	42.9	40	36	33	31				
12		53.7	53.1	53.8	49	44	40	37	34	31	29	26			
14		42	41.5	42.1	41.7	39	36	33	30	27.5	26	24	21	17	
16			33.5	34.1	33.7	34	32	29	26.5	24.5	23	21.5	19	16	
18			27.6	28.3	27.9	28.6	29	26.5	24	22	21	19.5	17	15	
20				23.8	23.5	24.2	24.8	24	21.5	20	19	17.5	15.5	14	
22				20.3	20	20.7	21.3	22	20	18	17	16	14.5	13	
24					17.1	17.8	18.5	19.2	18	16.5	16	14.5	13.5	12	
26					14.8	15.5	16.1	16.9	16.5	15	14.5	13.5	12.5	11.2	
28						13.5	14.2	14.9	14.8	14	13.5	12.5	11.5	10.5	
30						11.9	12.5	13.2	13.1	13	12	11.5	10.5	10	
32							11.1	11.8	11.7	11.9	11	10.5	9.5	9.2	
34							9.8	10.5	10.4	10.6	10	10	9	8.5	
36								9.4	9.3	9.5	9.5	9	8.5	8	
38								8.5	8.4	8.5	8.8	8.5	8	7.5	
40									7.5	7.7	7.9	8	7.2	7	
42									6.7	6.9	7.1	7.4	6.7	6.5	
44										6.2	6.4	6.7	6.2	6	
46										5.5	5.8	6	5.8	5.5	
48											5.2	5.5	5.4	5	
50											4.7	4.9	5.1	4.6	
52												4.4	4.7	4.2	
54												4	4.4	4	
56													4	3.8	
58													3.6	3.5	
60														3.2	
62														2.9	
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81	
Boom angle °	29	26	25	23	23	22	22	21	21	21	21	21	21	22	
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	5	4	3	2							
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	240.0														
3.5	205.0	100.0	80.0												
4.0	185.0	97.0	74.0	96.0											
4.5	170.0	92.0	70.0	91.0	73.0										
5.0	158.0	88.0	66.0	86.0	69.0										
6.0	132.6	80.0	60.0	77.0	62.0	69.0									
7.0	111.0	75.0	55.0	69.0	57.0	63.0	52.0								
8.0	93.0	70.0	50.0	62.0	52.0	58.0	48.0	46.0							
9.0	81.0	65.0	46.0	57.0	48.0	54.0	45.0	42.0	38.0						
10.0	71.0	61.0	43.0	53.0	45.0	50.0	42.0	39.0	35.0	32.0					
11.0		58.0	40.0	49.0	42.0	46.0	39.0	37.0	32.5	29.0	27.0				
12.0		55.0	38.0	45.0	39.0	43.0	36.0	34.0	30.5	27.5	25.5	23.0			
14.0		43.4	34.0	40.0	35.0	39.0	32.0	30.0	27.0	24.5	22.5	21.0	21.0	17.0	
16.0			31.0	34.5	31.0	34.5	29.0	27.0	24.0	21.5	20.5	19.0	19.0	16.0	
18.0			27.0	28.7	28.0	29.9	27.0	24.0	21.5	19.5	18.5	17.0	17.0	15.0	
20.0				24.2	25.0	25.4	24.0	22.0	19.5	18.0	17.0	15.5	15.5	14.0	
22.0				20.7	22.5	21.9	22.0	20.0	18.0	16.0	15.0	14.0	14.5	13.0	
24.0					19.6	19.0	19.8	18.5	16.5	15.0	14.0	13.0	13.5	12.0	
26.0					17.3	16.7	17.5	17.0	15.0	14.0	13.0	12.0	12.5	11.2	
28.0						14.7	15.5	15.3	14.0	12.5	12.0	11.0	11.5	10.5	
30.0						13.0	13.8	13.6	13.0	11.5	11.0	10.0	10.5	10.0	
32.0							12.4	12.2	12.0	11.0	10.0	9.5	9.5	9.2	
34.0							11.1	10.9	11.0	10.0	9.5	9.0	9.0	8.5	
36.0								9.8	9.9	9.5	9.0	8.5	8.5	8.0	
38.0								8.8	8.9	9.0	8.5	8.0	8.0	7.5	
40.0									8.0	8.3	8.0	7.5	7.2	7.0	
42.0									7.3	7.5	7.5	7.0	6.7	6.5	
44.0										6.8	7.0	6.5	6.2	6.0	
46.0										6.1	6.5	6.0	5.8	5.5	
48.0											5.9	5.5	5.4	5.0	
50.0											5.3	5.0	5.1	4.6	
52.0												4.5	4.7	4.2	
54.0												4.2	4.4	4.0	
56.0													4.0	3.8	
58.0													3.6	3.5	
60.0														3.2	
62.0														2.9	
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81	
Boom angle °	29	26	25	23	23	22	22	21	21	21	21	21	21	22	
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001			447					

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	37.95	42.07	46.2	50.3	54.5	58.6	62.7	67		
3	240															
3.5	205	70	52													
4	185	65	46	63												
4.5	170	61	43	59	62											
5	158	58	40	55	58											
6	132.6	53	36	50	53	55										
7	111	48	32	45	47	51	44									
8	93	44	29	41	43	46	40	34								
9	81	41	27	38	39	43	37	31	32							
10	71	38	25	35	36	39	34	29	30	27.5						
11		36	23	33	33	36	32	27	28	26	24					
12		34	21	30	31	34	30	25	26.5	24.5	22	23				
14		30	19	27	27	30	26	23	24	21.5	20	21	21	17		
16			17	24	24	27	23.5	21	21.5	19.5	18	19	19	16		
18			15	22	21	25	21	19	19.5	17.5	16	17	17	15		
20				20	19	22	19.5	17	18	16	14.5	15.5	15.5	14		
22				18	18	20	18	15.5	16.5	15	13.5	14	14.5	13		
24					16	18	16.5	14.5	15.5	14	12.5	13	13.5	12		
26					15	17	15	13.5	14.5	12.5	11.5	12	12.5	11.2		
28						16	14	12.5	13.5	12	10.5	11	11.5	10.5		
30						14.4	13	11.5	12.5	11	10	10	10.5	10		
32							12	10.5	12	10.5	9.5	9.5	9.5	9.2		
34							11	10	11	9.5	9	9	9	8.5		
36								9.5	10.5	9	8.5	8.5	8.5	8		
38								9	10	8.5	8	8	8	7.5		
40									9.1	8	7.5	7.5	7.2	7		
42									8.3	7.5	7	7	6.7	6.5		
44										7	6.5	6.5	6.2	6		
46										6.5	6	6	5.8	5.5		
48											5.5	5.5	5.4	5		
50											5	5	5.1	4.6		
52												4.5	4.7	4.2		
54												4.2	4.4	4		
56													4	3.8		
58													3.6	3.5		
60														3.2		
62														2.9		
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81		
Boom angle °	29	26	25	23	23	22	22	21	21	21	21	21	21	22		
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333		
Parts of line	18	6	5							2						
Weight of hook (kg)	2319	1827	1001							447						

On half-extended outriggers (9625×6500), with counterweight of 62t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	240.0														
3.5	205.0	140.0	136.0												
4.0	185.0	140.0	132.0	120.0											
4.5	168.5	140.0	128.0	113.0	100.0										
5.0	152.2	131.0	121.0	106.0	92.0										
6.0	124.0	120.0	110.0	96.0	83.0	74.0									
7.0	102.0	100.0	99.0	86.0	75.0	67.0	60.0								
8.0	87.0	86.0	85.0	78.0	68.0	61.0	55.0	51.0							
9.0	75.0	74.0	74.0	72.0	63.0	56.0	50.0	47.0	42.0						
10.0	62.0	62.7	62.0	62.8	58.0	52.0	46.0	43.0	39.0	36.0					
11.0		53.5	52.8	53.5	53.0	48.0	43.0	40.0	36.0	33.0	31.0				
12.0		46.3	45.7	46.4	45.9	44.0	40.0	37.0	34.0	31.0	29.0	26.0			
14.0		36.0	35.4	36.1	35.7	36.4	36.0	33.0	30.0	27.5	26.0	24.0	21.0	17.0	
16.0			28.4	29.0	28.6	29.4	30.1	29.0	26.5	24.5	23.0	21.5	19.0	16.0	
18.0			23.2	23.9	23.5	24.2	24.9	25.7	24.0	22.0	21.0	19.5	17.0	15.0	
20.0				20.0	19.6	20.3	20.9	21.7	21.5	20.0	19.0	17.5	15.5	14.0	
22.0				16.9	16.5	17.2	17.8	18.6	18.5	18.0	17.0	16.0	14.5	13.0	
24.0					14.0	14.7	15.3	16.1	16.0	16.2	16.0	14.5	13.5	12.0	
26.0					11.9	12.6	13.3	14.0	13.9	14.1	14.3	13.5	12.5	11.2	
28.0						10.9	11.6	12.3	12.2	12.4	12.6	12.5	11.5	10.5	
30.0						9.4	10.1	10.8	10.7	10.9	11.1	11.4	10.5	10.0	
32.0							8.8	9.5	9.4	9.6	9.8	10.1	9.5	9.2	
34.0							7.7	8.4	8.3	8.5	8.7	9.0	9.0	8.5	
36.0								7.5	7.3	7.5	7.8	8.0	8.4	8.0	
38.0								6.6	6.5	6.7	6.9	7.2	7.6	7.5	
40.0									5.7	5.9	6.1	6.4	6.8	6.8	
42.0									5.0	5.2	5.4	5.7	6.1	6.1	
44.0										4.6	4.8	5.1	5.5	5.5	
46.0										4.0	4.3	4.5	4.9	5.0	
48.0											3.7	4.0	4.4	4.4	
50.0											3.3	3.5	3.9	4.0	
52.0												3.1	3.5	3.5	
54.0												2.7	3.1	3.1	
56.0													2.7	2.8	
58.0													2.4	2.4	
60.0														2.1	
62.0														1.8	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	8	5	4	3	2						
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	240.0													
3.5	205.0	100.0	80.0											
4.0	185.0	97.0	74.0	96.0										
4.5	168.5	92.0	70.0	91.0	73.0									
5.0	152.2	88.0	66.0	86.0	69.0									
6.0	124.0	80.0	60.0	77.0	62.0	69.0								
7.0	102.0	75.0	55.0	69.0	57.0	63.0	52.0							
8.0	87.0	70.0	50.0	62.0	52.0	58.0	48.0	46.0						
9.0	75.0	65.0	46.0	57.0	48.0	54.0	45.0	42.0	38.0					
10.0	62.0	61.0	43.0	53.0	45.0	50.0	42.0	39.0	35.0	32.0				
11.0		54.9	40.0	49.0	42.0	46.0	39.0	37.0	32.5	29.0	27.0			
12.0		47.7	38.0	45.0	39.0	43.0	36.0	34.0	30.5	27.5	25.5	23.0		
14.0		37.3	34.0	36.5	35.0	37.8	32.0	30.0	27.0	24.5	22.5	21.0	21.0	17.0
16.0			31.0	29.4	29.8	30.7	29.0	27.0	24.0	21.5	20.5	19.0	19.0	16.0
18.0			26.3	24.3	24.7	25.5	26.3	24.0	21.5	19.5	18.5	17.0	17.0	15.0
20.0				20.3	20.7	21.5	22.3	22.0	19.5	18.0	17.0	15.5	15.5	14.0
22.0				17.2	17.6	18.4	19.2	19.0	18.0	16.0	15.0	14.0	14.5	13.0
24.0					15.1	15.9	16.7	16.5	16.5	15.0	14.0	13.0	13.5	12.0
26.0					13.0	13.8	14.6	14.4	14.5	14.0	13.0	12.0	12.5	11.2
28.0						12.1	12.9	12.7	12.8	12.5	12.0	11.0	11.5	10.5
30.0						10.6	11.4	11.2	11.3	11.5	11.0	10.0	10.5	10.0
32.0							10.1	9.9	10.0	10.2	10.0	9.5	9.5	9.2
34.0							9.0	8.8	8.9	9.1	9.4	9.0	9.0	8.5
36.0								7.8	7.9	8.1	8.5	8.5	8.4	8.0
38.0								7.0	7.0	7.3	7.6	8.0	7.6	7.5
40.0									6.3	6.5	6.8	7.2	6.8	6.8
42.0									5.6	5.8	6.1	6.5	6.1	6.1
44.0										5.2	5.5	5.9	5.5	5.5
46.0										4.6	4.9	5.3	4.9	5.0
48.0											4.4	4.8	4.4	4.4
50.0											4.0	4.3	3.9	4.0
52.0												3.9	3.5	3.5
54.0												3.5	3.1	3.1
56.0													2.7	2.8
58.0													2.4	2.4
60.0														2.1
62.0														1.8
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333
Parts of line	18	8					5	4	3			2		
Weight of hook (kg)	2319	1827					1001					447		

QAY 240 – Lifting Chart

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	240.0													
3.5	205.0	70.0	52.0											
4.0	185.0	65.0	46.0	63.0										
4.5	168.5	61.0	43.0	59.0	62.0									
5.0	152.2	58.0	40.0	55.0	58.0									
6.0	124.0	53.0	36.0	50.0	53.0	55.0								
7.0	102.0	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	87.0	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	75.0	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	62.0	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5				
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0			
12.0		34.0	21.0	30.0	31.0	34.0	30.0	25.0	26.5	24.5	22.0	23.0		
14.0		30.0	19.0	27.0	27.0	30.0	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0
16.0			17.0	24.0	24.0	27.0	23.5	21.0	21.5	19.5	18.0	19.0	19.0	16.0
18.0			15.0	22.0	21.0	25.0	21.0	19.0	19.5	17.5	16.0	17.0	17.0	15.0
20.0				20.0	19.0	22.0	19.5	17.0	18.0	16.0	14.5	15.5	15.5	14.0
22.0				18.0	18.0	19.8	18.0	15.5	16.5	15.0	13.5	14.0	14.5	13.0
24.0					16.0	17.3	16.5	14.5	15.5	14.0	12.5	13.0	13.5	12.0
26.0					15.0	15.2	15.0	13.5	14.5	12.5	11.5	12.0	12.5	11.2
28.0						13.5	14.0	12.5	13.5	12.0	10.5	11.0	11.5	10.5
30.0						12.0	12.6	11.5	12.3	11.0	10.0	10.0	10.5	10.0
32.0							11.3	10.5	11.1	10.5	9.5	9.5	9.5	9.2
34.0							10.2	10.0	9.9	9.5	9.0	9.0	9.0	8.5
36.0								9.5	9.0	9.0	8.5	8.5	8.4	8.0
38.0								8.6	8.1	8.2	8.0	8.0	7.6	7.5
40.0									7.3	7.5	7.4	7.2	6.8	6.8
42.0									6.6	6.8	6.7	6.5	6.1	6.1
44.0										6.1	6.1	5.9	5.5	5.5
46.0										5.6	5.5	5.3	4.9	5.0
48.0											5.0	4.8	4.4	4.4
50.0											4.5	4.3	3.9	4.0
52.0												3.9	3.5	3.5
54.0												3.5	3.1	3.1
56.0													2.7	2.8
58.0													2.4	2.4
60.0														2.1
62.0														1.8
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	112222	122222	222222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001								447			

On half-extended outriggers (9625×6500), with counterweight of 42t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38	42.1	46.2	50.3	54.5	58.6	62.7	67	
3	230.3														
3.5	200.1	140	136												
4	176.6	140	132	120											
4.5	157.8	140	128	113	100										
5	139	131.5	121	106	92										
6	110.5	109	108	96	83	74									
7	90	90	89	86	75	67	60								
8	72.2	71.9	71.1	71.9	68	61	55	51							
9	58.1	57.8	57.1	57.9	57.3	56	50	47	42						
10	48.1	47.9	47.2	48	47.5	48.4	46	43	39	36					
11		40.6	39.9	40.7	40.2	41	41.8	40	36	33	31				
12		34.9	34.3	35	34.5	35.3	36.1	37	34	31	29	26			
14		26.7	26.2	26.8	26.4	27.2	27.9	28.7	28.6	27.5	26	24	21	17	
16			20.6	21.2	20.8	21.5	22.2	23.1	22.9	23.1	23	21.5	19	16	
18			16.5	17.1	16.7	17.5	18.1	18.9	18.8	19	19.3	19.5	17	15	
20				14	13.6	14.3	15	15.8	15.7	15.8	16.1	16.4	15.5	14	
22				11.5	11.2	11.9	12.5	13.3	13.2	13.4	13.6	13.9	14.3	13	
24					9.2	9.9	10.5	11.3	11.2	11.4	11.6	11.9	12.3	12	
26					7.6	8.3	8.9	9.6	9.5	9.7	10	10.2	10.6	10.7	
28						6.9	7.5	8.3	8.1	8.3	8.6	8.9	9.3	9.3	
30						5.7	6.3	7.1	7	7.2	7.4	7.7	8.1	8.1	
32							5.3	6.1	6	6.1	6.4	6.7	7.1	7.1	
34							4.5	5.2	5.1	5.3	5.5	5.8	6.2	6.2	
36								4.4	4.3	4.5	4.7	5	5.4	5.4	
38								3.7	3.6	3.8	4	4.3	4.7	4.7	
40									3	3.2	3.4	3.7	4.1	4.1	
42									2.5	2.6	2.9	3.1	3.5	3.6	
44										2.1	2.4	2.6	3	3.1	
46										1.7	1.9	2.2	2.6	2.6	
48											1.5	1.8	2.2	2.2	
50													1.8	1.8	
52													1.5	1.5	
54															
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81	
Boom angle °	29	26	25	23	23	22	22	21	21	21	27	32	35	41	
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	5	4	3	2							
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38	42.1	46.2	50.3	54.5	58.6	62.7	67
3	230.3													
3.5	200.1	100	80											
4	176.6	97	74	96										
4.5	157.8	92	70	91	73									
5	139	88	66	86	69									
6	110.5	80	60	77	62	69								
7	90	75	55	69	57	63	52							
8	72.2	70	50	62	52	58	48	46						
9	58.1	59.4	46	57	48	54	45	42	38					
10	48.1	49.4	43	48.5	45	49.9	42	39	35	32				
11		42	40	41.1	42	42.5	39	37	32.5	29	27			
12		36.3	37.7	35.4	37.5	36.8	36	34	30.5	27.5	25.5	23		
14		28.1	29.4	27.2	29.2	28.5	29.4	29.2	27	24.5	22.5	21	21	17
16			23.7	21.6	23.5	22.9	23.7	23.5	23.6	21.5	20.5	19	19	16
18			19.5	17.5	19.4	18.7	19.5	19.3	19.4	19.5	18.5	17	17	15
20				14.4	16.2	15.6	16.4	16.2	16.3	16.5	16.9	15.5	15.5	14
22				11.9	13.7	13.1	13.9	13.7	13.8	14	14.4	14	14.3	13
24					11.7	11.1	11.9	11.7	11.8	12	12.3	12.8	12.3	12
26					10	9.4	10.2	10	10.1	10.3	10.7	11.1	10.6	10.7
28						8.1	8.8	8.6	8.7	9	9.3	9.7	9.3	9.3
30						6.9	7.6	7.5	7.5	7.8	8.1	8.5	8.1	8.1
32							6.6	6.4	6.5	6.8	7.1	7.5	7.1	7.1
34							5.7	5.6	5.6	5.9	6.2	6.6	6.2	6.2
36								4.8	4.9	5.1	5.4	5.8	5.4	5.4
38								4.1	4.2	4.4	4.7	5.1	4.7	4.7
40									3.6	3.8	4.1	4.5	4.1	4.1
42									3	3.2	3.6	3.9	3.5	3.6
44										2.7	3.1	3.4	3	3.1
46										2.3	2.6	3	2.6	2.6
48											2.2	2.6	2.2	2.2
50											1.8	2.2	1.8	1.8
52												1.9	1.5	1.5
54												1.5		
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81
Boom angle °	29	26	25	23	23	22	22	21	21	21	21	21	35	41
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333
Parts of line	18	8					5	4	3			2		
Weight of hook (kg)	2319	1827					1001					447		

(3) 3rd Combination of boom sections

Radius/Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38	42.1	46.2	50.3	54.5	58.6	62.7	67
3	230.3													
3.5	200.1	70	52											
4	176.6	65	46	63										
4.5	157.8	61	43	59	62									
5	139	58	40	55	58									
6	110.5	53	36	50	53	55								
7	90	48	32	45	47	51	44							
8	72.2	44	29	41	43	46	40	34						
9	58.1	41	27	38	39	43	37	31	32					
10	48.1	38	25	35	36	39	34	29	30	27.5				
11		36	23	33	33	36	32	27	28	26	24			
12		34	21	30	31	34	30	25	26.5	24.5	22	23		
14		29.1	19	27	27	30	26	23	24	21.5	20	21	21	17
16			17	24	24	24.4	23.5	21	21.5	19.5	18	19	19	16
18			15	20.6	20.6	20.2	20.9	19	19.5	17.5	16	17	17	15
20				17.5	17.4	17	17.7	17	17.4	16	14.5	15.5	15.5	14
22				14.9	14.9	14.5	15.2	15.5	14.9	15	13.5	14	14.3	13
24					12.9	12.5	13.1	13.5	12.9	13	12.5	12.8	12.3	12
26					11.2	10.8	11.5	11.8	11.2	11.3	11.3	11.1	10.6	10.7
28						9.4	10	10.4	9.8	9.9	9.9	9.7	9.3	9.3
30						8.2	8.9	9.2	8.6	8.8	8.7	8.5	8.1	8.1
32							7.8	8.2	7.6	7.7	7.7	7.5	7.1	7.1
34							6.9	7.3	6.7	6.8	6.8	6.6	6.2	6.2
36								6.5	5.9	6	6	5.8	5.4	5.4
38								5.8	5.2	5.4	5.3	5.1	4.7	4.7
40									4.6	4.7	4.7	4.5	4.1	4.1
42									4	4.2	4.1	3.9	3.5	3.6
44										3.7	3.6	3.4	3	3.1
46										3.2	3.2	3	2.6	2.6
48											2.8	2.6	2.2	2.2
50											2.4	2.2	1.8	1.8
52												1.9	1.5	1.5
54												1.5		
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81
Boom angle °	29	26	25	23	23	22	22	21	21	21	21	21	35	41
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	122222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001								447			

On half-extended outriggers (9625×6500), with counterweight of 32t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	222.6														
3.5	192.0	140.0	136.0												
4.0	168.0	140.0	132.0	120.0											
4.5	147.0	140.0	128.0	113.0	100.0										
5.0	129.0	128.0	121.0	106.0	92.0										
6.0	101.0	101.0	101.0	96.0	83.0	74.0									
7.0	80.5	80.1	79.2	80.2	75.0	67.0	60.0								
8.0	61.7	61.4	60.6	61.4	60.8	61.0	55.0	51.0							
9.0	49.4	49.1	48.4	49.2	48.7	49.6	50.0	47.0	42.0						
10.0	40.8	40.5	39.9	40.6	40.1	41.0	41.8	42.8	39.0	36.0					
11.0		34.1	33.5	34.2	33.7	34.6	35.4	36.3	36.0	33.0	31.0				
12.0		29.2	28.6	29.3	28.8	29.6	30.4	31.3	31.2	31.0	29.0	26.0			
14.0		22.1	21.5	22.2	21.8	22.5	23.2	24.1	24.0	24.2	24.5	24.0	21.0	17.0	
16.0			16.7	17.3	16.9	17.6	18.3	19.1	19.0	19.2	19.5	19.8	19.0	16.0	
18.0			13.1	13.8	13.4	14.1	14.7	15.5	15.4	15.6	15.9	16.2	16.6	15.0	
20.0				11.0	10.7	11.4	12.0	12.8	12.7	12.9	13.1	13.4	13.8	13.9	
22.0				8.9	8.5	9.2	9.9	10.6	10.5	10.7	11.0	11.2	11.7	11.7	
24.0					6.8	7.5	8.1	8.9	8.8	9.0	9.2	9.5	9.9	9.9	
26.0					5.4	6.1	6.7	7.5	7.3	7.5	7.8	8.0	8.5	8.5	
28.0						4.9	5.5	6.2	6.1	6.3	6.6	6.8	7.2	7.3	
30.0						3.8	4.5	5.2	5.1	5.3	5.5	5.8	6.2	6.2	
32.0							3.6	4.3	4.2	4.4	4.6	4.9	5.3	5.4	
34.0							2.8	3.6	3.5	3.6	3.9	4.1	4.5	4.6	
36.0								2.9	2.8	3.0	3.2	3.5	3.9	3.9	
38.0								2.3	2.2	2.4	2.6	2.9	3.3	3.3	
40.0									1.6	1.8	2.1	2.3	2.7	2.8	
42.0										1.6	1.9	2.2	2.3	2.3	
44.0													1.8	1.8	
46.0														1.5	
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	28.0	37.0	40.0	46.0	47.0	49.0	
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	5	4	3	2							
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	222.6														
3.5	192.0	100.0	80.0												
4.0	168.0	97.0	74.0	96.0											
4.5	147.0	92.0	70.0	91.0	73.0										
5.0	129.0	88.0	66.0	86.0	69.0										
6.0	101.0	80.0	60.0	77.0	62.0	69.0									
7.0	80.5	75.0	55.0	69.0	57.0	63.0	52.0								
8.0	61.7	63.1	50.0	62.0	52.0	58.0	48.0	46.0							
9.0	49.4	50.8	46.0	49.7	48.0	51.2	45.0	42.0	38.0						
10.0	40.8	42.1	43.0	41.1	43.3	42.5	42.0	39.0	35.0	32.0					
11.0		35.6	37.1	34.7	36.8	36.1	37.0	36.8	32.5	29.0	27.0				
12.0		30.6	32.0	29.7	31.8	31.1	32.0	31.8	30.5	27.5	25.5	23.0			
14.0		23.4	24.8	22.6	24.6	23.9	24.8	24.5	24.6	24.5	22.5	21.0	21.0	17.0	
16.0			19.8	17.7	19.6	18.9	19.8	19.6	19.7	19.9	20.3	19.0	19.0	16.0	
18.0			16.1	14.1	16.0	15.3	16.2	16.0	16.0	16.3	16.7	17.0	16.6	15.0	
20.0				11.4	13.2	12.6	13.4	13.2	13.3	13.5	13.9	14.3	13.8	13.9	
22.0				9.3	11.0	10.4	11.2	11.0	11.1	11.4	11.7	12.1	11.7	11.7	
24.0					9.3	8.7	9.5	9.3	9.4	9.6	9.9	10.4	9.9	9.9	
26.0					7.8	7.3	8.0	7.8	7.9	8.2	8.5	8.9	8.5	8.5	
28.0						6.0	6.8	6.6	6.7	6.9	7.3	7.7	7.2	7.3	
30.0						5.0	5.8	5.6	5.7	5.9	6.2	6.6	6.2	6.2	
32.0							4.9	4.7	4.8	5.0	5.4	5.7	5.3	5.4	
34.0							4.1	3.9	4.0	4.2	4.6	5.0	4.5	4.6	
36.0								3.3	3.3	3.6	3.9	4.3	3.9	3.9	
38.0								2.7	2.7	3.0	3.3	3.7	3.3	3.3	
40.0									2.2	2.4	2.8	3.1	2.7	2.8	
42.0									1.7	2.0	2.3	2.7	2.2	2.3	
44.0										1.5	1.8	2.2	1.8	1.8	
46.0												1.8		1.5	
48.0												1.5			
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	28.0	36.0	36.0	47.0	49.0	
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001				447				

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	222.6													
3.5	192.0	70.0	52.0											
4.0	168.0	65.0	46.0	63.0										
4.5	147.0	61.0	43.0	59.0	62.0									
5.0	129.0	58.0	40.0	55.0	58.0									
6.0	101.0	53.0	36.0	50.0	53.0	55.0								
7.0	80.5	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	61.7	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	49.4	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	40.8	38.0	25.0	35.0	36.0	39.0	34.0	29.0	30.0	27.5				
11.0		36.0	23.0	33.0	33.0	36.0	32.0	27.0	28.0	26.0	24.0			
12.0		31.7	21.0	30.0	31.0	32.8	30.0	25.0	26.5	24.5	22.0	23.0		
14.0		24.4	19.0	25.9	25.9	25.5	26.0	23.0	24.0	21.5	20.0	21.0	21.0	17.0
16.0			17.0	20.9	20.9	20.5	21.1	21.0	20.9	19.5	18.0	19.0	19.0	16.0
18.0			15.0	17.3	17.2	16.8	17.5	17.8	17.2	17.4	16.0	17.0	16.6	15.0
20.0				14.5	14.4	14.0	14.7	15.0	14.4	14.6	14.5	14.3	13.8	13.9
22.0				12.3	12.2	11.9	12.5	12.8	12.2	12.4	12.3	12.1	11.7	11.7
24.0					10.5	10.1	10.7	11.1	10.5	10.6	10.6	10.4	9.9	9.9
26.0					9.0	8.6	9.3	9.6	9.0	9.2	9.1	8.9	8.5	8.5
28.0						7.4	8.0	8.4	7.8	7.9	7.9	7.7	7.2	7.3
30.0						6.4	7.0	7.3	6.7	6.9	6.8	6.6	6.2	6.2
32.0							6.1	6.4	5.8	6.0	6.0	5.7	5.3	5.4
34.0							5.3	5.6	5.1	5.2	5.2	5.0	4.5	4.6
36.0								4.9	4.4	4.5	4.5	4.3	3.9	3.9
38.0								4.3	3.8	3.9	3.9	3.7	3.3	3.3
40.0									3.2	3.4	3.3	3.1	2.7	2.8
42.0									2.8	2.9	2.9	2.7	2.2	2.3
44.0										2.5	2.4	2.2	1.8	1.8
46.0										2.1	2.0	1.8		1.5
48.0											1.7	1.5		
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	27.0	36.0	47.0	49.0
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001						447					

On half-extended outriggers (9625×6500), with counterweight of 22t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	215.0														
3.5	186.7	140.0	136.0												
4.0	159.0	140.0	132.0	120.0											
4.5	137.0	135.0	128.0	113.0	100.0										
5.0	119.0	118.0	116.5	106.0	92.0										
6.0	93.0	92.0	91.0	92.0	83.0	74.0									
7.0	67.2	66.8	65.9	66.9	66.2	67.0	60.0								
8.0	51.2	50.9	50.1	50.9	50.3	51.3	52.3	51.0							
9.0	40.7	40.5	39.7	40.5	40.0	40.9	41.8	42.8	42.0						
10.0	33.4	33.2	32.5	33.2	32.7	33.6	34.4	35.4	35.2	35.5					
11.0		27.7	27.1	27.8	27.3	28.1	28.9	29.9	29.7	29.9	30.3				
12.0		23.5	22.9	23.6	23.1	23.9	24.7	25.6	25.5	25.7	26.0	26.0			
14.0		17.4	16.9	17.6	17.1	17.9	18.6	19.5	19.3	19.5	19.8	20.1	20.6	17.0	
16.0			12.8	13.4	13.0	13.7	14.4	15.2	15.1	15.3	15.6	15.9	16.3	16.0	
18.0			9.7	10.4	10.0	10.7	11.4	12.2	12.0	12.2	12.5	12.8	13.2	13.3	
20.0				8.1	7.7	8.4	9.0	9.8	9.7	9.9	10.1	10.4	10.9	10.9	
22.0				6.2	5.9	6.6	7.2	8.0	7.9	8.0	8.3	8.6	9.0	9.0	
24.0					4.4	5.1	5.7	6.5	6.4	6.6	6.8	7.1	7.5	7.5	
26.0					3.2	3.9	4.5	5.3	5.1	5.3	5.6	5.9	6.3	6.3	
28.0						2.9	3.5	4.2	4.1	4.3	4.5	4.8	5.2	5.3	
30.0						2.0	2.6	3.4	3.2	3.4	3.7	3.9	4.3	4.4	
32.0							1.9	2.6	2.5	2.7	2.9	3.2	3.6	3.6	
34.0								1.9	1.8	2.0	2.3	2.5	2.9	3.0	
36.0								1.4		1.4	1.7	1.9	2.3	2.4	
38.0												1.4	1.8	1.9	
40.0													1.4	1.4	
Boom angle °	73	76	79	80	81	80	80	80	80	80	80	81	80	81	
Boom angle °	29	26	25	23	23	22	30	29	43	45	50	51	52	56	
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333	
Parts of line	18	12	10	8	8	5	4	3	2						
Weight of hook (kg)	2319	1827					1001					447			

(2) 2nd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	215.0														
3.5	186.7	100.0	80.0												
4.0	159.0	97.0	74.0	96.0											
4.5	137.0	92.0	70.0	91.0	73.0										
5.0	119.0	88.0	66.0	86.0	69.0										
6.0	93.0	80.0	60.0	77.0	62.0	69.0									
7.0	67.2	68.7	55.0	67.5	57.0	63.0	52.0								
8.0	51.2	52.6	50.0	51.5	52.0	53.1	48.0	46.0							
9.0	40.7	42.1	43.7	41.0	43.4	42.6	43.7	42.0	38.0						
10.0	33.4	34.7	36.2	33.7	35.9	35.1	36.2	35.9	35.0	32.0					
11.0		29.2	30.6	28.2	30.4	29.6	30.6	30.4	30.4	29.0	27.0				
12.0		24.9	26.3	24.0	26.1	25.4	26.3	26.1	26.2	26.5	25.5	23.0			
14.0		18.8	20.1	18.0	19.9	19.2	20.1	19.9	20.0	20.3	20.7	21.0	20.6	17.0	
16.0			15.9	13.8	15.7	15.0	15.9	15.7	15.7	16.0	16.4	16.8	16.3	16.0	
18.0			12.8	10.8	12.6	12.0	12.8	12.6	12.7	12.9	13.3	13.7	13.2	13.3	
20.0				8.4	10.2	9.6	10.4	10.2	10.3	10.6	10.9	11.3	10.9	10.9	
22.0				6.6	8.4	7.8	8.6	8.4	8.5	8.7	9.0	9.5	9.0	9.0	
24.0					6.9	6.3	7.1	6.9	7.0	7.2	7.5	8.0	7.5	7.5	
26.0					5.6	5.1	5.8	5.7	5.7	6.0	6.3	6.7	6.3	6.3	
28.0						4.0	4.8	4.6	4.7	4.9	5.3	5.7	5.2	5.3	
30.0						3.2	3.9	3.7	3.8	4.0	4.4	4.8	4.3	4.4	
32.0							3.2	3.0	3.1	3.3	3.6	4.0	3.6	3.6	
34.0							2.5	2.3	2.4	2.6	3.0	3.3	2.9	3.0	
36.0								1.7	1.8	2.0	2.4	2.8	2.3	2.4	
38.0										1.5	1.9	2.2	1.8	1.9	
40.0											1.4	1.8	1.4	1.4	
42.0												1.4			
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	29.0	38.0	44.0	46.0	46.0	52.0	56.0	
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333	
Parts of line	18	8					5	4		3			2		
Weight of hook (kg)	2319	1827					1001			447					

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	215.0													
3.5	186.7	70.0	52.0											
4.0	159.0	65.0	46.0	63.0										
4.5	137.0	61.0	43.0	59.0	62.0									
5.0	119.0	58.0	40.0	55.0	58.0									
6.0	93.0	53.0	36.0	50.0	53.0	55.0								
7.0	67.2	48.0	32.0	45.0	47.0	51.0	44.0							
8.0	51.2	44.0	29.0	41.0	43.0	46.0	40.0	34.0						
9.0	40.7	41.0	27.0	38.0	39.0	43.0	37.0	31.0	32.0					
10.0	33.4	35.8	25.0	35.0	36.0	37.0	34.0	29.0	30.0	27.5				
11.0		30.3	23.0	31.9	31.8	31.4	32.0	27.0	28.0	26.0	24.0			
12.0		26.0	21.0	27.6	27.5	27.1	27.8	25.0	26.5	24.5	22.0	23.0		
14.0		19.8	19.0	21.3	21.2	20.8	21.5	21.9	21.2	21.4	20.0	21.0	20.6	17.0
16.0			16.8	17.0	17.0	16.6	17.2	17.6	17.0	17.1	17.1	16.8	16.3	16.0
18.0			13.7	13.9	13.8	13.4	14.1	14.5	13.8	14.0	13.9	13.7	13.2	13.3
20.0				11.5	11.4	11.1	11.7	12.1	11.4	11.6	11.6	11.3	10.9	10.9
22.0				9.6	9.6	9.2	9.8	10.2	9.6	9.7	9.7	9.5	9.0	9.0
24.0					8.1	7.7	8.3	8.7	8.1	8.2	8.2	8.0	7.5	7.5
26.0					6.8	6.5	7.1	7.4	6.8	7.0	6.9	6.7	6.3	6.3
28.0						5.4	6.0	6.3	5.8	5.9	5.9	5.7	5.2	5.3
30.0						4.5	5.1	5.5	4.9	5.0	5.0	4.8	4.3	4.4
32.0							4.4	4.7	4.1	4.3	4.2	4.0	3.6	3.6
34.0							3.7	4.0	3.4	3.6	3.6	3.3	2.9	3.0
36.0								3.4	2.9	3.0	3.0	2.8	2.3	2.4
38.0								2.9	2.3	2.5	2.5	2.2	1.8	1.9
40.0									1.9	2.0	2.0	1.8	1.4	1.4
42.0									1.5	1.6	1.6	1.4		
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	23.0	23.0	22.0	22.0	21.0	21.0	33.0	40.0	46.0	52.0	56.0
Telescoping code	000000	000001	000002	000111	001111	011111	111112	011122	111122	111222	112222	122222	222222	333333
Parts of line	18	6	5				4	3			2			
Weight of hook (kg)	2319	1827	1001						447					

On half-extended outriggers (9625×6500), with counterweight of 0t, 360° operation of the boom

(1) 1st Combination of boom sections

Radius/Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	193.0													
3.5	157.0	140.0	136.0											
4.0	132.0	130.0	131.0	120.0										
4.5	112.0	111.9	112.0	113.0	100.0									
5.0	98.0	98.0	96.5	98.0	92.0									
6.0	77.0	78.0	77.0	78.0	77.0	74.0								
7.0	37.9	37.6	36.7	37.6	36.9	38.1	39.1							
8.0	28.1	27.8	27.0	27.8	27.2	28.2	29.2	30.3						
9.0	21.7	21.4	20.7	21.5	20.9	21.8	22.7	23.8	23.6					
10.0	17.1	16.9	16.2	17.0	16.5	17.3	18.2	19.1	19.0	19.2				
11.0		13.6	12.9	13.6	13.2	14.0	14.8	15.7	15.6	15.8	16.1			
12.0		11.0	10.4	11.1	10.6	11.4	12.2	13.1	12.9	13.1	13.4	13.8		
14.0		7.2	6.7	7.4	6.9	7.7	8.4	9.3	9.1	9.3	9.6	9.9	10.4	10.4
16.0			4.1	4.8	4.4	5.1	5.8	6.6	6.5	6.7	7.0	7.3	7.7	7.8
18.0			2.3	2.9	2.5	3.3	3.9	4.7	4.6	4.8	5.1	5.4	5.8	5.8
20.0				1.5		1.8	2.5	3.3	3.1	3.3	3.6	3.9	4.3	4.4
22.0							1.4	2.1	2.0	2.2	2.4	2.7	3.2	3.2
24.0											1.5	1.8	2.2	2.3
26.0													1.4	1.5
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	34.0	51.0	53.0	54.0	59.0	63.0	66.0	66.0	68.0	68.0	70.0
Telescoping code	000000	010000	110000	111000	211000	211100	211110	211111	221111	222111	222211	222221	222222	333333
Parts of line	18	12	10	8	4	3						2		
Weight of hook (kg)	2319	1827				1001			447					

(2) 2nd Combination of boom sections

Radius/Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0
3.0	193.0													
3.5	157.0	100.0	80.0											
4.0	132.0	97.0	74.0	96.0										
4.5	112.0	92.0	70.0	91.0	73.0									
5.0	98.0	88.0	66.0	86.0	69.0									
6.0	77.0	80.0	60.0	77.0	62.0	69.0								
7.0	37.9	39.5	41.4	38.2	41.1	40.1	41.4							
8.0	28.1	29.5	31.2	28.4	30.9	30.0	31.2	30.9						
9.0	21.7	23.0	24.6	22.0	24.3	23.5	24.6	24.3	24.4					
10.0	17.1	18.4	19.9	17.4	19.7	18.9	19.9	19.7	19.8	20.1				
11.0		15.0	16.5	14.1	16.2	15.5	16.4	16.2	16.3	16.6	17.0			
12.0		12.4	13.8	11.5	13.6	12.8	13.8	13.5	13.6	13.9	14.3	14.8		
14.0		8.6	9.9	7.8	9.7	9.0	9.9	9.7	9.8	10.1	10.4	10.9	10.4	10.4
16.0			7.3	5.2	7.1	6.4	7.3	7.1	7.1	7.4	7.8	8.2	7.7	7.8
18.0			5.3	3.3	5.2	4.5	5.3	5.1	5.2	5.5	5.8	6.3	5.8	5.8
20.0				1.9	3.7	3.1	3.9	3.7	3.8	4.0	4.4	4.8	4.3	4.4
22.0					2.5	1.9	2.7	2.5	2.6	2.8	3.2	3.6	3.2	3.2
24.0					1.6		1.8	1.6	1.7	1.9	2.3	2.7	2.2	2.3
26.0											1.5	1.9	1.4	1.5
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0
Boom angle °	29.0	26.0	25.0	34.0	32.0	48.0	50.0	56.0	60.0	63.0	66.0	66.0	68.0	70.0
Telescoping code	000000	000100	000110	021000	011110	111110	111111	121111	122111	122211	122221	122222	222222	333333
Parts of line	18	8			6			4	3	2				
Weight of hook (kg)	2319	1827					1001			447				

(3) 3rd Combination of boom sections

Radius\Boom length	13.2	17.3	21.5	25.6	29.7	33.8	38.0	42.1	46.2	50.3	54.5	58.6	62.7	67.0	
3.0	193.0														
3.5	157.0	70.0	52.0												
4.0	132.0	65.0	46.0	63.0											
4.5	112.0	61.0	43.0	59.0	62.0										
5.0	98.0	58.0	40.0	55.0	58.0										
6.0	77.0	53.0	36.0	50.0	53.0	55.0									
7.0	37.9	40.9	32.0	43.1	43.0	42.4	43.5								
8.0	28.1	30.8	29.0	32.8	32.7	32.1	33.1	33.6							
9.0	21.7	24.2	25.8	26.0	25.9	25.4	26.3	26.8	25.9						
10.0	17.1	19.6	21.0	21.3	21.2	20.7	21.5	22.0	21.2	21.4					
11.0		16.1	17.5	17.7	17.7	17.2	18.0	18.4	17.7	17.9	17.8				
12.0		13.4	14.8	15.0	15.0	14.5	15.3	15.7	15.0	15.1	15.1	14.8			
14.0		9.6	10.9	11.1	11.0	10.6	11.3	11.7	11.0	11.2	11.2	10.9	10.4	10.4	
16.0			8.2	8.4	8.3	8.0	8.6	9.0	8.3	8.5	8.5	8.2	7.7	7.8	
18.0			6.2	6.4	6.4	6.0	6.7	7.0	6.4	6.5	6.5	6.3	5.8	5.8	
20.0				5.0	4.9	4.5	5.2	5.5	4.9	5.0	5.0	4.8	4.3	4.4	
22.0				3.8	3.7	3.4	4.0	4.3	3.7	3.9	3.8	3.6	3.2	3.2	
24.0					2.8	2.4	3.0	3.4	2.8	2.9	2.9	2.7	2.2	2.3	
26.0					2.0	1.6	2.2	2.6	2.0	2.1	2.1	1.9	1.4	1.5	
28.0								1.6	1.9		1.5	1.4			
30.0									1.4						
Boom angle °	73.0	76.0	79.0	80.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0	80.0	81.0	
Boom angle °	29.0	26.0	25.0	23.0	23.0	38.0	41.0	44.0	57.0	57.0	61.0	66.0	68.0	70.0	
Telescoping code	000000	000001	000002	000111	001111	011111	011112	011122	111122	111222	112222	122222	222222	333333	
Parts of line	18	6	5				4	3			2				
Weight of hook (kg)	2319	1827	1001							447					

**Table 2-4 QAY240 All terrain crane total rated lifting load table for jib
On fully-extended outriggers, with counterweight of 62t, 12m of jib**

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82.00	12.00	8.70	6.30	12.00	8.70	6.30	12.00	8.70	6.30	12.00	8.70	6.20	9.00	7.80	5.50
80.00	12.00	8.30	6.10	12.00	8.30	6.10	12.00	8.30	6.00	12.00	8.20	5.90	8.80	7.10	5.20
78.00	11.50	8.00	5.90	11.50	8.00	5.90	11.50	7.90	5.70	11.50	7.60	5.50	8.60	6.60	4.90
76.00	10.80	7.70	5.70	10.80	7.60	5.60	10.80	7.20	5.40	10.80	7.00	5.30	8.40	6.10	4.60
74.00	10.30	7.40	5.50	10.30	7.00	5.30	10.30	6.70	5.10	10.00	6.50	5.00	7.40	5.70	4.40
72.00	9.80	7.10	5.30	9.80	6.50	5.00	9.50	6.30	4.90	9.10	6.10	4.80	7.00	5.30	4.10
70.00	9.40	6.80	5.20	9.10	6.10	4.80	8.70	5.90	4.70	8.30	5.70	4.50	6.70	4.90	3.90
68.00	9.00	6.50	5.10	8.40	5.80	4.60	8.00	5.60	4.50	7.70	5.40	4.30	6.50	4.60	3.70
66.00	8.60	6.20	5.00	7.70	5.40	4.40	7.30	5.20	4.30	7.00	5.10	4.10	5.90	4.30	3.50
64.00	8.20	6.00	4.90	7.10	5.10	4.20	6.70	5.00	4.10	6.50	4.80	4.00	5.50	4.10	3.40
62.00	7.90	5.80	4.80	6.50	4.90	4.10	6.20	4.70	3.90	6.00	4.50	3.80	5.10	3.80	3.20
60.00	7.60	5.60	4.70	6.10	4.60	3.90	5.80	4.50	3.80	5.60	4.30	3.70	4.70	3.60	3.10
58.00	7.10	5.40	4.60	5.70	4.40	3.80	5.40	4.20	3.60	5.20	4.10	3.50	4.40	3.40	2.90
56.00	6.70	5.20	4.50	5.30	4.20	3.60	5.10	4.00	3.50	4.90	3.90	3.40	4.00	3.20	2.80
54.00	6.40	5.10	4.40	5.00	4.00	3.50	4.80	3.90	3.40	4.60	3.70	3.30	3.70	3.00	2.60
52.00	6.00	4.90	4.30	4.70	3.80	3.40	4.50	3.70	3.30	4.40	3.60	3.20	3.50	2.80	2.40
50.00	5.80	4.70	4.30	4.50	3.70	3.30	4.30	3.50	3.20	4.10	3.40	3.10	3.20	2.60	2.30
48.00	5.50	4.60	4.20	4.20	3.50	3.20	4.10	3.40	3.10	3.90	3.20	3.00	2.90	2.30	2.10
46.00	5.30	4.40	4.10	4.00	3.40	3.10	3.80	3.20	3.00	3.60	3.10	2.80	2.70	2.20	2.00
44.00	5.00	4.30	4.00	3.80	3.30	3.00	3.60	3.10	2.90	3.40	2.90	2.70	2.40	2.00	1.90
42.00	4.80	4.20	4.00	3.70	3.20	3.00	3.50	3.00	2.80	3.20	2.80	2.60	2.20	1.90	1.80
40.00	4.70	4.10	3.90	3.50	3.10	2.90	3.30	2.90	2.70	3.00	2.70	2.60	2.10	1.80	1.70
38.00	4.50	4.00	3.80	3.40	3.00	2.90	3.10	2.80	2.70	2.90	2.60	2.40	1.90	1.70	1.60
36.00	4.40	3.90	3.80	3.20	2.90	2.80	3.00	2.70	2.60	2.70	2.30	2.30	1.80	1.60	1.50
34.00	4.20	3.80	3.80	3.10	2.80	2.80	2.90	2.60	2.60	2.60	2.30	2.20	1.70	1.50	1.50
32.00	4.10	3.80		3.00	2.80		2.80	2.40		2.40	2.20		1.50	1.40	
30.00	4.00	3.70		2.90	2.70		2.70	2.40		2.30	2.10		1.40	1.30	
28.00	3.90	3.70		2.80	2.70		2.60	2.30		2.20	2.00		1.40	1.30	
26.00	3.80	3.60		2.80	2.60		2.40	2.30		2.10	2.00		1.30	1.20	
24.00	3.70	3.60		2.70	2.60		2.30	2.20		2.00	1.90		1.20	1.20	
22.00	3.50	3.50		2.60	2.60		2.30	2.20		1.90	1.90		1.10	1.10	
20.00	3.40	3.40		2.60	2.40		2.20	2.20		1.90	1.90		1.10	1.10	
18.00	3.30			2.60			2.20			1.80			1.00		
16.00	3.30			2.40			2.10			1.80			1.00		
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 42t, 12m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	12	8.7	6.3	12	8.7	6.3	12	8.7	6.3	12	8.7	6.2	9.00	7.8	5.5
80	12	8.3	6.1	12	8.3	6.1	12	8.3	6	12	8.2	5.9	8.80	7.1	5.2
78	11.5	8	5.9	11.5	8	5.9	11.5	7.9	5.7	11.5	7.6	5.5	8.60	6.6	4.9
76	10.8	7.7	5.7	10.8	7.6	5.6	10.8	7.2	5.4	10.8	7	5.3	8.40	6.1	4.6
74	10.3	7.4	5.5	10.3	7	5.3	10.3	6.7	5.1	10	6.5	5	7.40	5.7	4.4
72	9.8	7.1	5.3	9.8	6.5	5	9.5	6.3	4.9	9.1	6.1	4.8	7.00	5.3	4.1
70	9.4	6.8	5.2	9.1	6.1	4.8	8.7	5.9	4.7	8.3	5.7	4.5	6.70	4.9	3.9
68	9	6.5	5.1	8.4	5.8	4.6	8	5.6	4.5	7.7	5.4	4.3	6.5	4.6	3.7
66	8.6	6.2	5	7.7	5.4	4.4	7.3	5.2	4.3	7	5.1	4.1	5.9	4.3	3.5
64	8.2	6	4.9	7.1	5.1	4.2	6.7	5	4.1	6.5	4.8	4	5.5	4.1	3.4
62	7.9	5.8	4.8	6.5	4.9	4.1	6.2	4.7	3.9	6	4.5	3.8	5.1	3.8	3.2
60	7.6	5.6	4.7	6.1	4.6	3.9	5.8	4.5	3.8	5.6	4.3	3.7	4.7	3.6	3.1
58	7.1	5.4	4.6	5.7	4.4	3.8	5.4	4.2	3.6	5.2	4.1	3.5	4.4	3.4	2.9
56	6.7	5.2	4.5	5.3	4.2	3.6	5.1	4	3.5	4.7	3.9	3.4	4	3.2	2.8
54	6.2	5.1	4.4	5	4	3.5	4.7	3.9	3.4	4.2	3.7	3.3	3.5	3	2.6
52	5.7	4.9	4.3	4.7	3.8	3.4	4.2	3.7	3.3	3.8	3.6	3.2	3.1	2.8	2.4
50	5.2	4.7	4.3	4.4	3.7	3.3	3.8	3.5	3.2	3.4	3.2	3.1	2.7	2.6	2.3
48	4.7	4.5	4.2	4	3.5	3.2	3.4	3.3	3.1	3	2.9	2.8	2.4	2.3	2.1
46	4.3	4.1	4	3.6	3.4	3.1	3.1	3	2.9	2.7	2.6	2.5	2.1	2.1	2
44	4	3.8	3.7	3.3	3.2	3	2.8	2.7	2.6	2.4	2.3	2.3	1.9	1.8	1.8
42	3.7	3.5	3.4	3	2.9	2.8	2.5	2.4	2.4	2.2	2.1	2.1	1.7	1.6	1.6
40	3.4	3.2	3.2	2.8	2.7	2.6	2.3	2.2	2.1	2	1.9	1.9	1.4	1.4	1.4
38	3.1	3	2.9	2.5	2.4	2.4	2.1	2	2	1.8	1.7	1.7	1.3	1.2	1.2
36	2.9	2.8	2.7	2.3	2.2	2.2	1.9	1.8	1.8	1.6	1.5	1.5	1.1	1.1	1
34	2.7	2.6	2.5	2.1	2	2	1.7	1.6	1.6	1.4	1.4	1.4	0.9	0.9	0.9
32	2.5	2.4		1.9	1.9		1.5	1.5		1.3	1.2				
30	2.3	2.2		1.8	1.7		1.4	1.3		1.1	1.1				
28	2.2	2.1		1.6	1.6		1.2	1.2		1	1				
26	2	2		1.5	1.5		1.1	1.1		0.9	0.9				
24	1.9	1.9		1.4	1.4		1	1							
22	1.8	1.8		1.3	1.3		0.9	0.9							
20	1.7	1.7		1.2	1.2		0.9								
18	1.6			1.2											
16	1.6			1.1											
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 32t, 12m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	12	8.7	6.3	12	8.7	6.3	12	8.7	6.3	12	8.7	6.2	9.00	7.8	5.5
80	12	8.3	6.1	12	8.3	6.1	12	8.3	6	12	8.2	5.9	8.80	7.1	5.2
78	11.5	8	5.9	11.5	8	5.9	11.5	7.9	5.7	11.5	7.6	5.5	8.60	6.6	4.9
76	10.8	7.7	5.7	10.8	7.6	5.6	10.8	7.2	5.4	10.8	7	5.3	8.40	6.1	4.6
74	10.3	7.4	5.5	10.3	7	5.3	10.3	6.7	5.1	10	6.5	5	7.40	5.7	4.4
72	9.8	7.1	5.3	9.8	6.5	5	9.5	6.3	4.9	9.1	6.1	4.8	7.00	5.3	4.1
70	9.4	6.8	5.2	9.1	6.1	4.8	8.7	5.9	4.7	8.3	5.7	4.5	6.70	4.9	3.9
68	9	6.5	5.1	8.4	5.8	4.6	8	5.6	4.5	7.7	5.4	4.3	6.5	4.6	3.7
66	8.6	6.2	5	7.7	5.4	4.4	7.3	5.2	4.3	6.9	5.1	4.1	5.9	4.3	3.5
64	8.2	6	4.9	7.1	5.1	4.2	6.7	5	4.1	6	4.8	4	5.1	4.1	3.4
62	7.7	5.8	4.8	6.5	4.9	4.1	5.8	4.7	3.9	5.2	4.5	3.8	4.4	3.8	3.2
60	6.8	5.6	4.7	5.9	4.6	3.9	5.1	4.5	3.8	4.6	4.3	3.7	3.8	3.6	3.1
58	6.1	5.4	4.6	5.2	4.4	3.8	4.5	4.2	3.6	4	3.8	3.5	3.3	3.1	2.9
56	5.4	5.1	4.5	4.6	4.2	3.6	3.9	3.7	3.5	3.5	3.3	3.2	2.8	2.7	2.6
54	4.8	4.5	4.3	4.1	3.8	3.5	3.5	3.3	3.1	3	2.9	2.8	2.4	2.3	2.2
52	4.3	4.1	3.9	3.6	3.4	3.3	3	2.9	2.8	2.7	2.5	2.4	2.1	2	1.9
50	3.9	3.7	3.5	3.2	3	2.9	2.7	2.5	2.4	2.3	2.2	2.1	1.7	1.7	1.6
48	3.5	3.3	3.2	2.8	2.7	2.6	2.3	2.2	2.2	2	1.9	1.9	1.5	1.4	1.4
46	3.1	3	2.9	2.5	2.4	2.3	2	1.9	1.9	1.7	1.6	1.6	1.2	1.2	1.1
44	2.8	2.7	2.6	2.2	2.1	2.1	1.8	1.7	1.6	1.5	1.4	1.4	1		
42	2.5	2.4	2.3	2	1.9	1.8	1.5	1.5	1.4	1.3	1.2	1.2			
40	2.3	2.2	2.1	1.7	1.7	1.6	1.3	1.2	1.2	1	1	1			
38	2	2	1.9	1.5	1.5	1.4	1.1	1.1	1						
36	1.8	1.8	1.7	1.3	1.3	1.2									
34	1.6	1.6	1.6	1.1	1.1	1.1									
32	1.5	1.4		1	1										
30	1.3	1.3													
28	1.2	1.1													
26	1.1	1													
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 22t, 12m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	12	8.7	6.3	12	8.7	6.3	12	8.7	6.3	12	8.7	6.2	9.00	7.8	5.5
80	12	8.3	6.1	12	8.3	6.1	12	8.3	6	12	8.2	5.9	8.80	7.1	5.2
78	11.5	8	5.9	11.5	8	5.9	11.5	7.9	5.7	11.5	7.6	5.5	8.60	6.6	4.9
76	10.8	7.7	5.7	10.8	7.6	5.6	10.8	7.2	5.4	10.8	7	5.3	8.40	6.1	4.6
74	10.3	7.4	5.5	10.3	7	5.3	10.3	6.7	5.1	10	6.5	5	7.40	5.7	4.4
72	9.8	7.1	5.3	9.8	6.5	5	9.5	6.3	4.9	8.6	6.1	4.8	6.40	5.3	4.1
70	9.4	6.8	5.2	9.1	6.1	4.8	8.1	5.9	4.7	7.2	5.7	4.5	6.00	4.9	3.9
68	9	6.5	5.1	7.8	5.8	4.6	6.8	5.6	4.5	6.1	5.4	4.3	5.2	4.6	3.7
66	7.8	6.2	5	6.7	5.4	4.4	5.8	5.2	4.3	5.2	4.8	4.1	4.4	4	3.5
64	6.7	6	4.9	5.8	5.1	4.2	5	4.6	4.1	4.4	4.1	3.8	3.6	3.4	3.2
62	5.8	5.3	4.8	4.9	4.6	4.1	4.2	3.9	3.7	3.7	3.5	3.3	3	2.8	2.7
60	5.1	4.7	4.4	4.3	3.9	3.7	3.6	3.3	3.2	3.2	2.9	2.8	2.5	2.3	2.2
58	4.4	4.1	3.9	3.7	3.4	3.2	3.1	2.9	2.7	2.7	2.5	2.4	2.1	1.9	1.8
56	3.8	3.6	3.4	3.1	2.9	2.8	2.6	2.4	2.3	2.2	2.1	2	1.7	1.6	1.5
54	3.3	3.1	3	2.7	2.5	2.4	2.2	2	2	1.8	1.7	1.7	1.3	1.2	1.2
52	2.9	2.7	2.6	2.3	2.1	2.1	1.8	1.7	1.6	1.5	1.4	1.4	1		
50	2.5	2.4	2.3	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.1			
48	2.2	2	2	1.6	1.5	1.5	1.2	1.1	1.1						
46	1.8	1.8	1.7	1.3	1.3	1.2									
44	1.6	1.5	1.4	1.1	1	1									
42	1.3	1.3	1.2												
40	1.1	1	1												
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 62t, 20m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	5.8	3.9	2.6
80	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	5.3	3.6	2.4
78	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5	3.3	2.2
76	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	4.7	3.1	2.1
74	5	2.9	2	5	2.9	2	5	2.9	2	5	2.9	2	4.4	2.9	2
72	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.2	2.7	2
70	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.0	2.6	1.9
68	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.8	2.5	1.9
66	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8
64	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8
62	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7
60	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7
58	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7
56	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6
54	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6
52	2.4	1.9	1.6	2.4	1.9	1.6	2.4	1.9	1.6	2.4	1.9	1.6	2.4	1.9	1.6
50	2.3	1.8	1.5	2.3	1.8	1.5	2.3	1.8	1.5	2.3	1.8	1.5	2.3	1.8	1.5
48	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.7	1.5
46	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	2	1.6	1.4
44	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	1.8	1.5	1.3
42	2	1.6	1.5	2	1.6	1.5	2	1.6	1.5	2	1.6	1.5	1.6	1.4	1.2
40	2	1.6	1.5	2	1.6	1.5	2	1.6	1.5	2	1.6	1.5	1.5	1.2	1.2
38	1.9	1.6	1.5	1.9	1.6	1.5	1.9	1.6	1.5	1.9	1.6	1.5	1.4	1.1	1.1
36	1.9	1.5	1.4	1.9	1.5	1.4	1.9	1.5	1.4	1.9	1.5	1.4	1.2	1.1	1
34	1.8	1.5	1.4	1.8	1.5	1.4	1.8	1.5	1.4	1.8	1.5	1.4	1.1	1	1
32	1.8	1.5		1.8	1.5		1.8	1.5		1.7	1.5		1	0.9	
30	1.7	1.5		1.7	1.5		1.7	1.5		1.6	1.5		1		
28	1.7	1.5		1.7	1.5		1.7	1.5		1.6	1.4		1		
26	1.7	1.5		1.7	1.5		1.7	1.5		1.5	1.4		1		
24	1.6	1.5		1.6	1.5		1.6	1.5		1.4	1.3		1		
22	1.6	1.5		1.6	1.5		1.6	1.5		1.4	1.3		1		
20	1.6	1.5		1.6	1.5		1.6	1.5		1.3	1.3		1		
18	1.5			1.5			1.5			1.3			1		
16	1.5			1.5			1.5			1.2			1		
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 42t, 20m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	5.8	3.9	2.6
80	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	5.3	3.6	2.4
78	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5	3.3	2.2
76	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	4.7	3.1	2.1
74	5	2.9	2	5	2.9	2	5	2.9	2	5	2.9	2	4.4	2.9	2
72	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.2	2.7	2
70	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.0	2.6	1.9
68	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.8	2.5	1.9
66	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8
64	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8
62	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7
60	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7
58	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7
56	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6
54	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6
52	2.4	1.9	1.6	2.4	1.9	1.6	2.4	1.9	1.6	2.4	1.9	1.6	2.4	1.9	1.6
50	2.3	1.8	1.5	2.3	1.8	1.5	2.3	1.8	1.5	2.3	1.8	1.5	2.1	1.8	1.5
48	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.8	1.5	1.8	1.7	1.5
46	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	1.6	1.5	1.4
44	2.1	1.7	1.5	2.1	1.7	1.5	2.1	1.7	1.5	1.8	1.7	1.5	1.3	1.3	1.2
42	2	1.6	1.5	2	1.6	1.5	1.9	1.6	1.5	1.6	1.5	1.5	1.1	1.1	1
40	2	1.6	1.5	2	1.6	1.5	1.7	1.6	1.5	1.4	1.3	1.3			
38	1.9	1.6	1.5	1.9	1.6	1.5	1.5	1.4	1.4	1.2	1.2	1.1			
36	1.9	1.5	1.4	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1	1			
34	1.8	1.5	1.4	1.5	1.4	1.4	1.1	1.1	1.1						
32	1.8	1.5		1.4	1.3		1								
30	1.7	1.5		1.2	1.2										
28	1.5	1.5		1.1	1.1										
26	1.4	1.4		1											
24	1.3	1.3													
22	1.2	1.2													
20	1.1	1.1													
18	1.1														
16	1														
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 32t, 20m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	5.8	3.9	2.6
80	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	5.3	3.6	2.4
78	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5	3.3	2.2
76	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	4.7	3.1	2.1
74	5	2.9	2	5	2.9	2	5	2.9	2	5	2.9	2	4.4	2.9	2
72	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.2	2.7	2
70	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.0	2.6	1.9
68	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.8	2.5	1.9
66	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8
64	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8
62	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7
60	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7	3	2.1	1.7
58	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7	2.8	2	1.7	2.6	2	1.7
56	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6	2.7	2	1.6	2.2	2	1.6
54	2.6	1.9	1.6	2.6	1.9	1.6	2.6	1.9	1.6	2.4	1.9	1.6	1.8	1.7	1.6
52	2.4	1.9	1.6	2.4	1.9	1.6	2.3	1.9	1.6	2	1.9	1.6	1.5	1.4	1.3
50	2.3	1.8	1.5	2.3	1.8	1.5	2	1.8	1.5	1.7	1.6	1.5	1.2	1.1	1.1
48	2.2	1.8	1.5	2.1	1.8	1.5	1.7	1.6	1.5	1.4	1.3	1.3	1		
46	2.1	1.7	1.5	1.9	1.7	1.5	1.4	1.3	1.3	1.2	1.1	1			
44	2.1	1.7	1.5	1.6	1.5	1.4	1.2	1.1	1.1	1					
42	1.8	1.6	1.5	1.4	1.3	1.2	1								
40	1.6	1.5	1.5	1.2	1.1	1									
38	1.4	1.3	1.3	1											
36	1.2	1.2	1.1												
34	1.1	1	1												
Weight of hook	447kg														

On fully-extended outriggers, with counterweight of 22t, 20m of jib

Boom length	50.3m			54.5m			58.6m			62.7m			67m		
Boom angle	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	7	3.9	2.6	5.8	3.9	2.6
80	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	6.3	3.6	2.4	5.3	3.6	2.4
78	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5.8	3.3	2.2	5	3.3	2.2
76	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	5.4	3.1	2.1	4.7	3.1	2.1
74	5	2.9	2	5	2.9	2	5	2.9	2	5	2.9	2	4.4	2.9	2
72	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.6	2.7	2	4.2	2.7	2
70	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.2	2.6	1.9	4.0	2.6	1.9
68	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.9	2.5	1.9	3.8	2.5	1.9
66	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.6	2.4	1.8	3.5	2.4	1.8
64	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	3.4	2.3	1.8	2.9	2.3	1.8
62	3.2	2.2	1.7	3.2	2.2	1.7	3.2	2.2	1.7	2.9	2.2	1.7	2.4	2.1	1.7
60	3	2.1	1.7	3	2.1	1.7	2.8	2.1	1.7	2.4	2.1	1.7	1.9	1.7	1.6
58	2.8	2	1.7	2.8	2	1.7	2.3	2	1.7	2	1.8	1.7	1.5	1.3	1.2
56	2.7	2	1.6	2.4	2	1.6	1.9	1.7	1.6	1.6	1.5	1.4	1.1	1	
54	2.5	1.9	1.6	2	1.8	1.6	1.6	1.4	1.3	1.3	1.2	1.1			
52	2.2	1.9	1.6	1.7	1.5	1.4	1.2	1.1	1	1					
50	1.8	1.7	1.5	1.3	1.2	1.1	1								
48	1.5	1.4	1.3	1.1	1										
46	1.3	1.1	1.1												
44	1														
Weight of hook	447kg														