

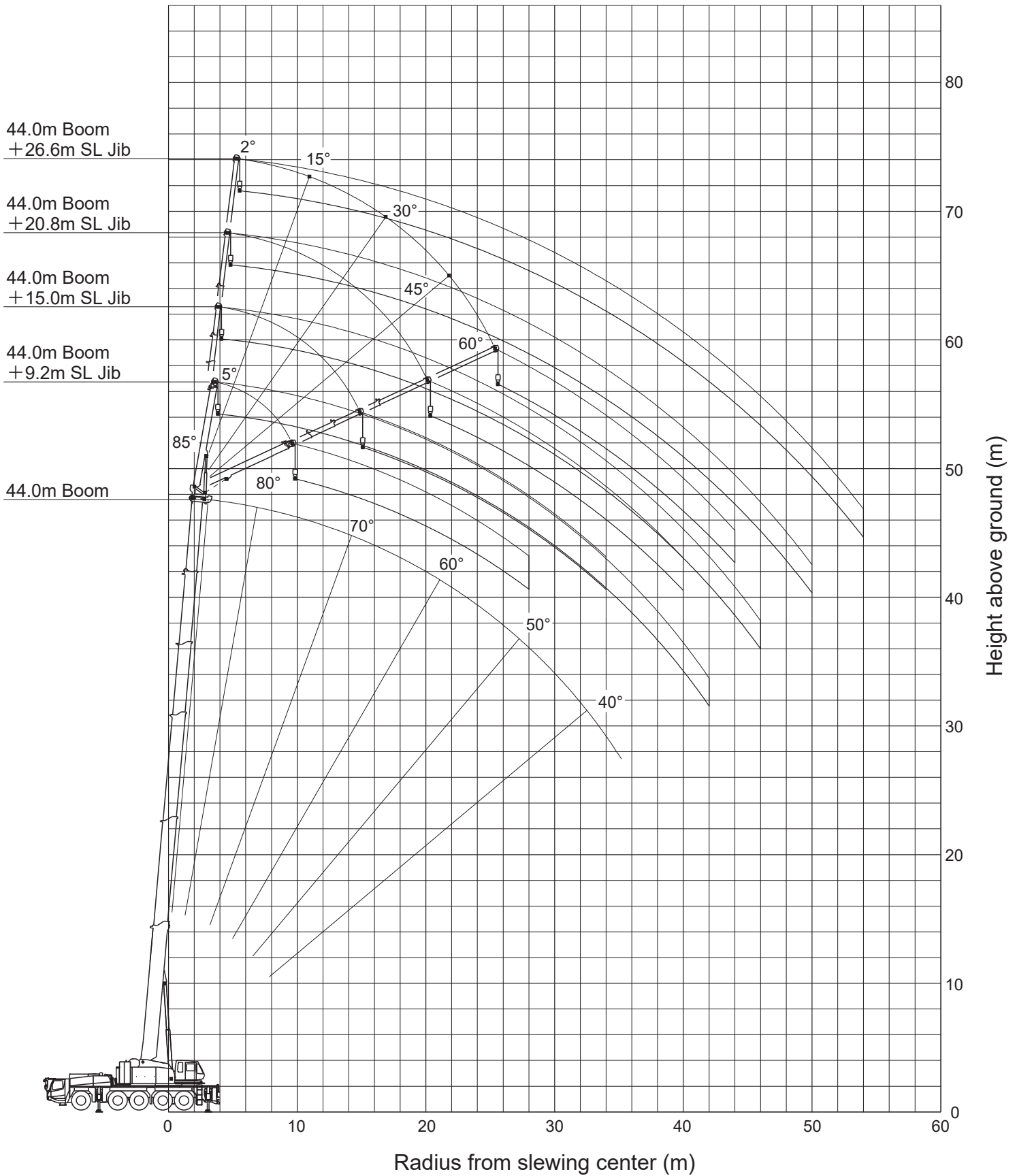
Super Luffing Jib Lifting Capacity Chart

[Working Ranges]

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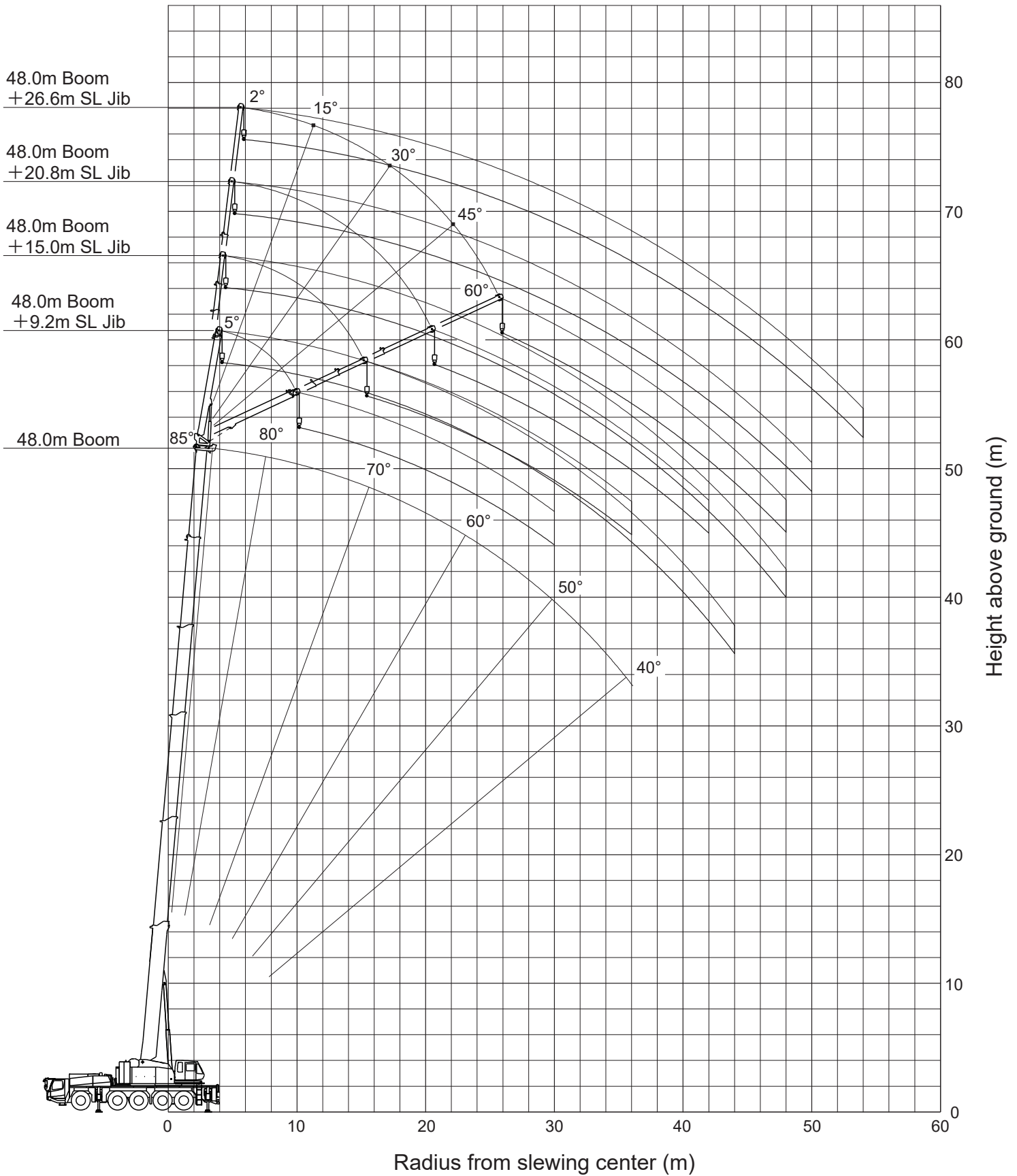
Super Luffing Jib (SL Jib) Working Ranges (With 44.0 m Boom and 9.2 to 26.6 m SL Jib)



Notes:

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SA1.

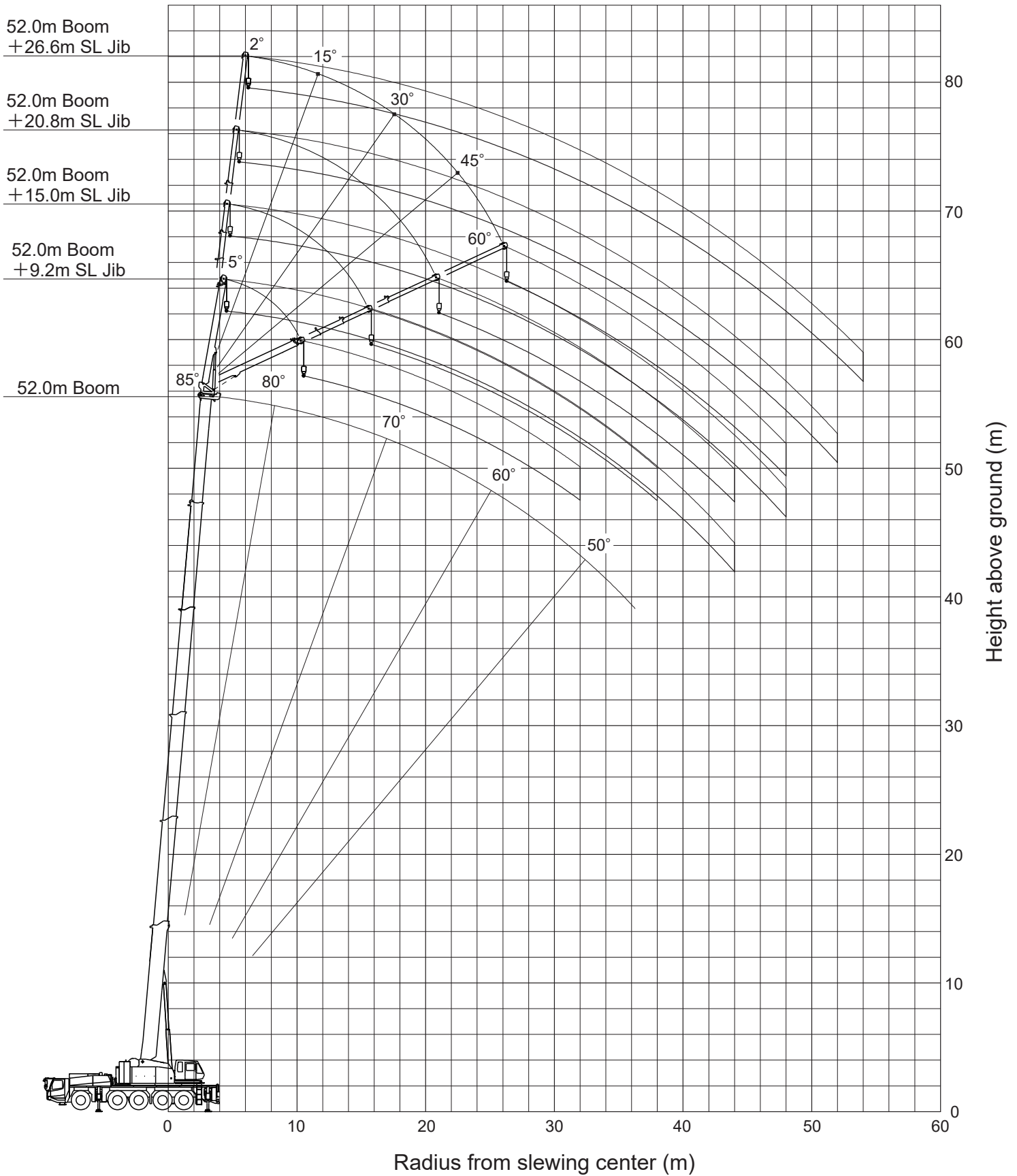
Super Luffing Jib (SL Jib) Working Ranges (With 48.0 m Boom and 9.2 to 26.6 m SL Jib)



Notes:

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SA1.

Super Luffing Jib (SL Jib) Working Ranges (With 52.0 m Boom and 9.2 to 26.6 m SL Jib)



Notes:

1. This diagram does not include deflection of Boom and SL Jib.
2. This diagram shows the range for specification SA1.



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 9.2m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.5	5.25	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	62.0	4.65	63.2	4.35	64.8	3.95	65.8	3.75	66.2	3.65
28.0	59.5	4.15	60.7	3.90	62.2	3.60	63.1	3.45	63.5	3.40
30.0	56.9	3.75	58.1	3.50	59.5	3.30	60.4	3.15		
32.0	54.2	3.35	55.3	3.20	56.8	3.00	57.5	2.90		
34.0	51.4	3.05	52.6	2.90	53.9	2.75	54.5	2.70		
36.0	48.2	2.75	49.6	2.65	50.8	2.50	51.3	2.45		
38.0	45.2	2.40	46.4	2.40	47.6	2.30	47.7	2.30		
40.0	41.7	1.80	42.9	1.95	43.8	2.10				
42.0	38.1	1.20	39.1	1.35	39.9	1.50				
44.0			35.1	0.75	35.7	0.85				
Min. boom angle (°)	34		34		34		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.5	5.25	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	62.0	4.65	63.2	4.35	64.8	3.95	65.8	3.75	66.2	3.65
28.0	59.5	4.15	60.7	3.90	62.2	3.60	63.1	3.45	63.5	3.40
30.0	56.9	3.75	58.1	3.50	59.5	3.30	60.4	3.15		
32.0	54.2	3.35	55.3	3.20	56.8	3.00	57.5	2.90		
34.0	51.4	3.05	52.6	2.90	53.9	2.75	54.5	2.70		
36.0	47.9	2.00	49.5	2.25	50.8	2.50	51.3	2.45		
38.0	44.7	1.25	46.0	1.50	47.4	1.70	47.5	1.80		
40.0			42.4	0.80	43.4	1.00				
Min. boom angle (°)	42		42		42		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.5	5.25	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	62.0	4.65	63.2	4.35	64.8	3.95	65.8	3.75	66.2	3.65
28.0	59.5	4.00	60.7	3.90	62.2	3.60	63.1	3.45	63.5	3.40
30.0	56.6	3.05	58.1	3.35	59.5	3.30	60.4	3.15		
32.0	53.7	2.15	55.0	2.45	56.7	2.80	57.5	2.90		
34.0	50.7	1.35	52.1	1.60	53.6	1.90	54.3	2.05		
36.0			48.9	0.85	50.2	1.10	50.8	1.25		
Min. boom angle (°)	48		48		49		49		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.8	5.60	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.2	4.45	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	61.5	3.35	63.0	3.70	64.8	3.95	65.8	3.75	66.2	3.65
28.0	58.8	2.30	60.2	2.70	62.1	3.15	63.1	3.45	63.5	3.40
30.0	55.9	1.40	57.4	1.75	59.1	2.15	60.1	2.40		
32.0							56.9	1.45		
Min. boom angle (°)	55		56		56		56		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.1	6.50	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	68.5	5.00	70.3	5.45	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.1	3.75	67.6	4.20	69.6	4.65	70.9	4.40	71.3	3.75
24.0	63.5	2.55	65.0	3.00	67.0	3.50	68.3	3.85	68.9	3.75
26.0					64.2	2.40	65.4	2.75	65.9	2.90
Min. boom angle (°)	62		63		63		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 15.0m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.60	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.3	3.20	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	59.0	2.90	61.6	2.60	64.0	2.35	65.6	2.10	66.2	1.90
34.0	56.7	2.60	59.3	2.40	61.6	2.20	63.1	2.10	63.5	1.90
36.0	54.2	2.35	56.8	2.15	59.0	2.00	60.4	1.95		
38.0	51.6	2.10	54.2	1.95	56.4	1.85	57.6	1.80		
40.0	48.9	1.90	51.6	1.80	53.6	1.70	54.5	1.65		
42.0	46.1	1.75	48.6	1.65	50.6	1.55	51.3	1.55		
44.0	43.0	1.55	45.6	1.50	47.4	1.45	47.8	1.40		
46.0	39.3	1.10	42.2	1.35	43.7	1.30				
48.0			38.7	0.90	39.9	1.10				
Min. boom angle (°)		38		38		38		47		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.60	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.3	3.20	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	59.0	2.90	61.6	2.60	64.0	2.35	65.6	2.10	66.2	1.90
34.0	56.7	2.60	59.3	2.40	61.6	2.20	63.1	2.10	63.5	1.90
36.0	54.2	2.35	56.8	2.15	59.0	2.00	60.4	1.95		
38.0	51.6	2.10	54.2	1.95	56.4	1.85	57.6	1.80		
40.0	48.8	1.65	51.6	1.80	53.6	1.70	54.5	1.65		
42.0	45.8	1.05	48.5	1.45	50.6	1.55	51.3	1.55		
44.0			45.4	0.90	47.3	1.19	47.7	1.29		
Min. boom angle (°)		44		44		46		47		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.60	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.3	3.20	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	59.0	2.90	61.6	2.60	64.0	2.35	65.6	2.10	66.2	1.90
34.0	56.6	2.30	59.3	2.40	61.6	2.20	63.1	2.10	63.5	1.90
36.0	53.9	1.60	56.8	2.15	59.0	2.00	60.4	1.95		
38.0	51.2	1.00	54.0	1.45	56.4	1.85	57.6	1.80		
40.0			51.2	0.85	53.5	1.25	54.4	1.45		
42.0							51.0	0.80		
Min. boom angle (°)		50		50		50		50		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.5	3.25	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.0	2.40	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	58.5	1.60	61.5	2.25	64.0	2.35	65.6	2.10	66.2	1.90
34.0			58.9	1.50	61.6	2.05	63.1	2.10	63.5	1.90
36.0					58.8	1.30	60.3	1.65		
Min. boom angle (°)		57		57		57		58		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.5	3.45	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.1	2.45	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0			65.9	2.35	68.6	2.50	70.5	2.25	71.4	1.90
30.0			63.5	1.50	66.2	2.20	68.1	2.15	68.8	1.90
32.0							65.5	1.85	66.2	1.90
Min. boom angle (°)		63		63		64		64		64
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 20.8m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.7	2.20	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0	58.7	2.10	61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0	56.5	1.90	59.7	1.60	62.8	1.35	64.9	1.25	65.5	1.10
40.0	54.2	1.70	57.5	1.55	60.5	1.30	62.3	1.20	62.8	1.10
42.0	51.8	1.55	55.2	1.45	58.1	1.30	59.8	1.20		
44.0	49.5	1.40	52.7	1.30	55.5	1.25	57.0	1.20		
46.0	46.9	1.25	50.1	1.20	52.8	1.10	54.0	1.10		
48.0	44.2	1.15	47.3	1.10	49.9	1.05	50.7	1.00		
50.0	41.3	1.05	44.2	1.00	46.6	0.95				
52.0			40.9	0.90	43.1	0.85				
54.0					39.2	0.75				
Min. boom angle (°)	38		38		38		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.7	2.20	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0	58.7	2.10	61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0	56.5	1.90	59.7	1.60	62.8	1.35	64.9	1.25	65.5	1.10
40.0	54.2	1.70	57.5	1.55	60.5	1.30	62.3	1.20	62.8	1.10
42.0	51.8	1.55	55.2	1.45	58.1	1.30	59.8	1.20		
44.0	49.5	1.40	52.7	1.30	55.5	1.25	57.0	1.20		
46.0	46.8	0.95	50.1	1.20	52.8	1.10	54.0	1.10		
48.0			47.2	0.95	49.9	1.05	50.7	1.00		
50.0					46.5	0.80				
Min. boom angle (°)	45		46		46		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.7	2.20	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0	58.7	2.10	61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0	56.5	1.90	59.7	1.60	62.8	1.35	64.9	1.25	65.5	1.10
40.0	54.1	1.30	57.5	1.55	60.5	1.30	62.3	1.20	62.8	1.10
42.0			55.2	1.40	58.1	1.30	59.8	1.20		
44.0			52.5	0.80	55.5	1.25	57.0	1.20		
46.0					52.7	0.80	54.0	1.05		
Min. boom angle (°)	51		51		52		53		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.6	1.80	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0			61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0			59.6	1.30	62.8	1.35	64.9	1.25	65.5	1.10
40.0					60.5	1.30	62.3	1.20	62.8	1.10
42.0							59.8	1.15		
Min. boom angle (°)	58		58		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.5	2.50	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.4	1.70	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0			66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0					67.3	1.50	69.6	1.30	70.8	1.15
36.0							67.4	1.30	68.2	1.15
38.0									65.5	1.10
Min. boom angle (°)	64		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 26.6m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0	58.7	1.35	62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0	56.7	1.25	60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0	54.7	1.20	58.5	0.95	62.2	0.80	64.6	0.75	65.2	0.70
46.0	52.5	1.10	56.4	0.90	59.9	0.80	62.1	0.75		
48.0	50.4	1.05	54.3	0.90	57.5	0.75	59.4	0.70		
50.0	48.0	0.95	51.9	0.85	55.1	0.75	56.7	0.70		
52.0	45.1	0.85	49.5	0.80	52.5	0.70	53.6	0.70		
54.0	42.5	0.75	46.6	0.70	49.6	0.70	50.2	0.70		
Min. boom angle (°)	41		45		48		49		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0	58.7	1.35	62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0	56.7	1.25	60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0	54.7	1.20	58.5	0.95	62.2	0.80	64.6	0.75	65.2	0.70
46.0	52.5	1.10	56.4	0.90	59.9	0.80	62.1	0.75		
48.0	50.4	1.05	54.3	0.90	57.5	0.75	59.4	0.70		
50.0	48.0	0.85	51.9	0.85	55.1	0.75	56.7	0.70		
52.0			49.5	0.80	52.5	0.70	53.6	0.70		
54.0					49.6	0.70	50.2	0.70		
Min. boom angle (°)	47		48		48		49		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0	58.7	1.35	62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0	56.7	1.25	60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0	54.7	1.10	58.5	0.95	62.2	0.80	64.6	0.75	65.2	0.70
46.0			56.4	0.90	59.9	0.80	62.1	0.75		
48.0			54.3	0.85	57.5	0.75	59.4	0.70		
50.0					55.1	0.75	56.7	0.70		
52.0							53.6	0.70		
Min. boom angle (°)	53		53		53		53		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.40	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0			62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0			60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0					62.2	0.80	64.6	0.75	65.2	0.70
46.0							62.1	0.75		
Min. boom angle (°)	59		60		60		60		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0			68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0			66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0					68.6	0.95	71.4	0.80	73.0	0.70
40.0					66.5	0.90	69.2	0.80	70.6	0.70
42.0							66.9	0.75	67.9	0.70
Min. boom angle (°)	65		65		65		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 9.2m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.3	6.00	68.5	5.80	69.8	4.85	70.7	4.35	71.1	3.75
26.0	65.2	5.80	66.3	5.40	67.6	4.65	68.5	4.25	68.8	3.75
28.0	62.9	5.10	64.1	4.95	65.4	4.45	66.2	4.10	66.5	3.70
30.0	60.5	4.55	61.7	4.40	63.0	4.15	63.8	3.85	63.9	3.70
32.0	58.1	4.05	59.2	3.95	60.6	3.80	61.4	3.65		
34.0	55.3	3.65	56.7	3.55	58.0	3.45	58.7	3.40		
36.0	52.7	3.25	54.0	3.20	55.4	3.10	55.9	3.10		
38.0	49.9	2.60	50.8	2.80	52.5	2.80	52.9	2.80		
40.0	47.1	2.00	47.9	2.15	49.5	2.30	49.4	2.35		
42.0	44.1	1.40	44.9	1.55	46.2	1.70				
44.0	40.8	0.85	41.6	1.00	42.8	1.15				
Min. boom angle (°)	39		40		41		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.3	6.00	68.5	5.80	69.8	4.85	70.7	4.35	71.1	3.75
26.0	65.2	5.80	66.3	5.40	67.6	4.65	68.5	4.25	68.8	3.75
28.0	62.9	5.10	64.1	4.95	65.4	4.45	66.2	4.10	66.5	3.70
30.0	60.5	4.55	61.7	4.40	63.0	4.15	63.8	3.85	63.9	3.70
32.0	58.0	3.80	59.2	3.95	60.6	3.80	61.4	3.65		
34.0	55.1	2.95	56.6	3.20	58.0	3.45	58.7	3.40		
36.0	52.3	2.20	53.7	2.45	55.3	2.75	55.8	2.90		
38.0	49.4	1.45	50.4	1.70	52.2	1.95	52.6	2.05		
40.0			47.4	1.00	49.0	1.25	48.9	1.35		
Min. boom angle (°)	45		46		47		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.3	6.00	68.5	5.80	69.8	4.85	70.7	4.35	71.1	3.75
26.0	65.0	5.50	66.3	5.40	67.6	4.65	68.5	4.25	68.8	3.75
28.0	62.8	4.30	64.0	4.70	65.4	4.45	66.2	4.10	66.5	3.70
30.0	60.4	3.25	61.4	3.60	62.9	3.90	63.8	3.85	63.9	3.70
32.0	57.7	2.30	59.0	2.65	60.2	3.00	61.3	3.20		
34.0	54.5	1.50	56.0	1.80	57.7	2.15	58.3	2.35		
36.0			53.1	1.05	54.7	1.35	55.2	1.50		
Min. boom angle (°)	52		52		53		54		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.1	5.75	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.7	4.60	68.2	4.90	69.8	4.85	70.7	4.35	71.1	3.75
26.0	64.4	3.50	65.7	3.85	67.5	4.30	68.5	4.25	68.8	3.75
28.0	61.9	2.50	63.3	2.85	65.0	3.35	66.0	3.60	66.5	3.70
30.0			60.7	1.95	62.2	2.35	63.3	2.65	63.5	2.75
32.0					59.7	1.45	60.7	1.70		
Min. boom angle (°)	59		59		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	70.8	5.15	72.3	5.55	73.9	5.25	75.0	4.60	75.5	3.80
22.0	68.4	3.95	69.8	4.30	71.7	4.80	72.8	4.45	73.3	3.80
24.0	66.0	2.75	67.5	3.20	69.4	3.70	70.6	4.05	71.1	3.75
26.0					66.8	2.60	68.0	2.95	68.6	3.15
28.0									65.8	2.10
Min. boom angle (°)	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 15.0m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.2	4.00	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	64.3	3.75	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	62.3	3.55	64.4	2.85	66.6	2.40	68.1	2.15	68.7	1.90
34.0	60.2	3.35	62.4	2.75	64.4	2.30	65.9	2.10	66.3	1.90
36.0	58.0	3.05	60.3	2.60	62.3	2.25	63.5	2.05	63.8	1.90
38.0	55.6	2.75	58.0	2.50	60.0	2.20	61.2	2.05		
40.0	53.1	2.45	55.6	2.35	57.6	2.10	58.6	2.00		
42.0	50.6	2.15	52.9	2.15	55.0	2.00	55.9	1.90		
44.0	47.9	1.65	50.4	1.95	52.2	1.85	52.9	1.60		
46.0	44.9	1.20	47.4	1.50	49.0	1.75	49.9	1.05		
48.0	41.6	0.75	44.3	1.05	45.9	1.25				
50.0					42.5	0.75				
Min. boom angle (°)	41		42		42		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.2	4.00	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	64.3	3.75	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	62.3	3.55	64.4	2.85	66.6	2.40	68.1	2.15	68.7	1.90
34.0	60.2	3.35	62.4	2.75	64.4	2.30	65.9	2.10	66.3	1.90
36.0	58.0	3.05	60.3	2.60	62.3	2.25	63.5	2.05	63.8	1.90
38.0	55.5	2.35	58.0	2.50	60.0	2.20	61.2	2.05		
40.0	52.8	1.75	55.6	2.20	57.6	2.10	58.6	2.00		
42.0	50.2	1.15	52.8	1.60	55.0	1.95	55.9	1.90		
44.0			50.0	1.00	52.1	1.35	52.8	1.50		
46.0					48.9	0.80	49.5	0.90		
Min. boom angle (°)	48		48		48		48		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.2	4.00	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	64.3	3.75	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	62.2	3.15	64.4	2.85	66.6	2.40	68.1	2.15	68.7	1.90
34.0	59.8	2.45	62.4	2.75	64.4	2.30	65.9	2.10	66.3	1.90
36.0	57.5	1.70	60.2	2.30	62.3	2.25	63.5	2.05	63.8	1.90
38.0	55.0	1.10	57.6	1.60	60.0	2.10	61.2	2.05		
40.0			57.3	1.40	57.3	1.40	58.5	1.65		
Min. boom angle (°)	54		55		55		55		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.0	3.35	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	63.8	2.50	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	61.6	1.70	64.2	2.35	66.6	2.40	68.1	2.15	68.7	1.90
34.0			62.0	1.60	64.4	2.20	65.9	2.10	66.3	1.90
36.0					62.0	1.45	63.4	1.85	63.8	1.90
Min. boom angle (°)	60		61		61		61		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.7	3.55	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	67.4	2.55	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0			68.2	2.45	70.7	2.60	72.4	2.25	73.2	1.90
30.0					68.6	2.35	70.3	2.20	71.1	1.90
32.0							68.0	2.00	68.7	1.90
Min. boom angle (°)	66		66		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 20.8m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.3	2.35	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0	61.4	2.25	64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0	59.5	2.10	62.5	1.70	65.3	1.40	67.3	1.25	68.1	1.10
40.0	57.5	1.95	60.5	1.60	63.3	1.35	65.1	1.25	65.6	1.10
42.0	55.5	1.85	58.5	1.55	61.2	1.30	62.8	1.20	63.1	1.10
44.0	53.5	1.75	56.3	1.45	58.9	1.30	60.5	1.20		
46.0	51.2	1.65	54.1	1.40	56.6	1.25	57.9	1.20		
48.0	48.7	1.50	51.6	1.35	54.1	1.20	55.2	1.15		
50.0	46.2	1.10	48.9	1.30	51.8	1.20	52.3	1.15		
52.0			46.2	1.10	48.9	1.15	49.0	1.10		
54.0					45.7	0.90				
Min. boom angle (°)	44		44		44		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.3	2.35	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0	61.4	2.25	64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0	59.5	2.10	62.5	1.70	65.3	1.40	67.3	1.25	68.1	1.10
40.0	57.5	1.95	60.5	1.60	63.3	1.35	65.1	1.25	65.6	1.10
42.0	55.5	1.85	58.5	1.55	61.2	1.30	62.8	1.20	63.1	1.10
44.0	53.4	1.45	56.3	1.45	58.9	1.30	60.5	1.20		
46.0	51.0	1.00	54.1	1.40	56.6	1.25	57.9	1.20		
48.0			51.5	1.00	54.1	1.20	55.2	1.15		
50.0					51.7	0.95	52.3	1.10		
Min. boom angle (°)	50		50		50		51		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.3	2.35	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0	61.4	2.25	64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0	59.4	1.95	62.5	1.70	65.3	1.40	67.3	1.25	68.1	1.10
40.0	57.3	1.35	60.5	1.60	63.3	1.35	65.1	1.25	65.6	1.10
42.0			58.5	1.45	61.2	1.30	62.8	1.20	63.1	1.10
44.0					58.9	1.30	60.5	1.20		
46.0							57.9	1.20		
Min. boom angle (°)	55		56		56		56		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.1	1.85	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0			64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0					65.3	1.40	67.3	1.25	68.1	1.10
40.0					63.3	1.35	65.1	1.25	65.6	1.10
42.0					62.8	1.20	62.8	1.20	63.1	1.10
Min. boom angle (°)	61		62		62		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.5	2.55	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0			70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0			68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0					69.3	1.50	71.6	1.35	72.7	1.15
36.0					69.4	1.30	70.4	1.10		
Min. boom angle (°)	67		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 26.6m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0	61.2	1.45	64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0	59.5	1.35	63.1	1.05	66.7	0.90	69.2	0.80	70.1	0.70
44.0	57.6	1.25	61.2	1.00	64.6	0.85	67.0	0.75	67.7	0.70
46.0	55.8	1.20	59.3	0.95	62.7	0.80	64.8	0.75	65.2	0.70
48.0	53.8	1.15	57.3	0.90	60.6	0.80	62.6	0.75	62.5	0.70
50.0	52.2	1.05	55.4	0.90	58.4	0.75	60.0	0.70		
52.0	50.1	1.00	53.2	0.85	56.2	0.75	57.5	0.70		
54.0	47.8	0.95	50.7	0.80	53.7	0.70	54.8	0.70		
56.0			47.8	0.75	51.1	0.70	51.9	0.70		
58.0					47.8	0.70	48.5	0.70		
Min. boom angle (°)	46		46		46		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0	61.2	1.45	64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0	59.5	1.35	63.1	1.05	66.7	0.90	69.2	0.80	70.1	0.70
44.0	57.6	1.25	61.2	1.00	64.6	0.85	67.0	0.75	67.7	0.70
46.0	55.8	1.20	59.3	0.95	62.7	0.80	64.8	0.75	65.2	0.70
48.0	53.8	1.15	57.3	0.90	60.6	0.80	62.6	0.75	62.5	0.70
50.0	52.1	0.85	55.4	0.90	58.4	0.75	60.0	0.70		
52.0			53.2	0.85	56.2	0.75	57.5	0.70		
54.0			50.7	0.75	53.7	0.70	54.8	0.70		
56.0			47.8	0.70	51.1	0.70	51.9	0.70		
Min. boom angle (°)	50		50		50		50		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0	61.2	1.45	64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0	59.5	1.35	63.1	1.05	66.7	0.90	69.2	0.80	70.1	0.70
44.0	57.5	1.10	61.2	1.00	64.6	0.85	67.0	0.75	67.7	0.70
46.0			59.3	0.95	62.7	0.80	64.8	0.75	65.2	0.70
48.0			57.3	0.90	60.6	0.80	62.6	0.75	62.5	0.70
50.0					58.4	0.75	60.0	0.70		
52.0							57.5	0.70		
Min. boom angle (°)	56		56		57		57		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	62.9	1.40	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0			64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0					66.7	0.90	69.2	0.80	70.1	0.70
44.0					64.6	0.85	67.0	0.75	67.7	0.70
46.0							64.8	0.75	65.2	0.70
Min. boom angle (°)	62		63		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0			71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0			70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0					72.1	1.00	75.0	0.80	76.7	0.70
38.0					70.3	0.95	73.1	0.80	74.7	0.70
40.0							71.2	0.80	72.4	0.70
42.0									70.1	0.70
Min. boom angle (°)	68		68		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 9.2m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.20	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.5	5.20	68.6	5.15	69.9	4.55	70.7	4.20	71.0	3.75
28.0	65.7	5.20	66.7	4.75	67.8	4.20	68.6	3.90	68.9	3.70
30.0	63.5	4.55	64.6	4.35	65.8	3.95	66.5	3.65	66.8	3.55
32.0	61.4	4.05	62.5	4.00	63.6	3.65	64.3	3.45	64.5	3.40
34.0	59.0	3.55	60.1	3.55	61.4	3.40	62.1	3.25		
36.0	56.6	3.15	57.6	3.15	59.1	3.15	59.7	3.05		
38.0	54.1	2.70	55.3	2.80	56.5	2.80	56.9	2.80		
40.0	51.5	2.10	52.7	2.25	53.9	2.45	54.3	2.50		
42.0	48.8	1.55	49.8	1.70	51.0	1.85	51.4	1.95		
44.0	46.0	1.00	47.0	1.15	48.0	1.35				
46.0					45.0	0.75				
Min. boom angle (°)	44		44		44		48		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.20	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.5	5.20	68.6	5.15	69.9	4.55	70.7	4.20	71.0	3.75
28.0	65.7	5.20	66.7	4.75	67.8	4.20	68.6	3.90	68.9	3.70
30.0	63.5	4.55	64.6	4.35	65.8	3.95	66.5	3.65	66.8	3.55
32.0	61.4	3.95	62.5	4.00	63.6	3.65	64.3	3.45	64.5	3.40
34.0	58.9	3.10	60.1	3.35	61.4	3.40	62.1	3.25		
36.0	56.3	2.35	57.4	2.60	59.0	2.90	59.7	3.05		
38.0	53.7	1.60	54.9	1.85	56.3	2.15	56.7	2.30		
40.0			52.2	1.20	53.5	1.45	53.9	1.55		
Min. boom angle (°)	51		51		51		51		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.20	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.5	5.20	68.6	5.15	69.9	4.55	70.7	4.20	71.0	3.75
28.0	65.4	4.30	66.7	4.65	67.8	4.20	68.6	3.90	68.9	3.70
30.0	63.1	3.35	64.4	3.65	65.8	3.95	66.5	3.65	66.8	3.55
32.0	60.8	2.50	62.0	2.80	63.5	3.15	64.3	3.35	64.5	3.40
34.0	58.3	1.70	59.5	1.95	61.0	2.30	61.8	2.55		
36.0					58.5	1.55	59.2	1.75		
Min. boom angle (°)	57		57		57		57		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.1	4.70	70.4	5.05	71.9	4.90	72.7	4.40	73.1	3.75
26.0	66.9	3.65	68.2	4.00	69.8	4.40	70.7	4.20	71.0	3.75
28.0	64.7	2.65	66.0	3.00	67.5	3.45	68.5	3.75	68.9	3.70
30.0			63.7	2.10	65.2	2.55	66.2	2.80	66.6	2.95
32.0							63.7	1.90	64.0	2.05
Min. boom angle (°)	62		63		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	70.6	4.05	71.9	4.45	73.7	4.90	74.6	4.55	75.0	3.80
24.0	68.5	2.90	69.7	3.30	71.5	3.85	72.6	4.15	73.1	3.75
26.0					69.1	2.75	70.3	3.15	70.9	3.30
Min. boom angle (°)	68		68		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 15.0m SL Jib										
Specification SA1	Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.5	4.00	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.8	3.95	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0	65.0	3.60	67.0	3.00	68.9	2.45	70.3	2.20	70.9	1.90
34.0	63.1	3.30	65.2	2.85	67.1	2.40	68.4	2.15	68.8	1.90
36.0	61.1	3.05	63.2	2.65	65.0	2.30	66.3	2.10	66.6	1.90
38.0	58.9	2.75	61.2	2.50	63.1	2.25	64.2	2.05	64.4	1.90
40.0	56.8	2.50	59.1	2.30	60.9	2.10	61.9	2.00		
42.0	54.4	2.20	56.8	2.10	58.7	1.95	59.6	1.85		
44.0	52.0	1.75	54.3	1.95	56.2	1.80	57.1	1.75		
46.0	49.3	1.30	51.9	1.60	53.7	1.70	54.2	1.65		
48.0	47.0	0.85	49.1	1.15	50.9	1.40	51.6	1.50		
50.0					48.1	0.95				
Min. boom angle (°)	46		47		47		50		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SA2	Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.5	4.00	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.8	3.95	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0	65.0	3.60	67.0	3.00	68.9	2.45	70.3	2.20	70.9	1.90
34.0	63.1	3.30	65.2	2.85	67.1	2.40	68.4	2.15	68.8	1.90
36.0	61.1	3.05	63.2	2.65	65.0	2.30	66.3	2.10	66.6	1.90
38.0	58.8	2.45	61.2	2.50	63.1	2.25	64.2	2.05	64.4	1.90
40.0	56.5	1.80	59.1	2.30	60.9	2.10	61.9	2.00		
42.0	54.0	1.25	56.7	1.70	58.7	1.95	59.6	1.85		
44.0			54.0	1.15	56.1	1.50	57.1	1.70		
46.0							54.0	1.10		
Min. boom angle (°)	52		53		53		53		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SA3	Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.5	4.00	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.8	3.95	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0	64.9	3.25	67.0	3.00	68.9	2.45	70.3	2.20	70.9	1.90
34.0	62.8	2.50	65.2	2.85	67.1	2.40	68.4	2.15	68.8	1.90
36.0	60.6	1.80	63.1	2.40	65.0	2.30	66.3	2.10	66.6	1.90
38.0			60.9	1.70	63.1	2.20	64.2	2.05	64.4	1.90
40.0					60.7	1.55	61.8	1.85		
Min. boom angle (°)	58		59		59		59		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SA4	Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.3	3.40	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.3	2.60	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0			66.8	2.45	68.9	2.45	70.3	2.20	70.9	1.90
34.0			64.8	1.70	67.1	2.30	68.4	2.15	68.8	1.90
36.0					64.7	1.60	66.3	2.00	66.6	1.90
Min. boom angle (°)	64		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SA5	Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.5	3.65	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	69.5	2.65	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0			70.3	2.55	72.6	2.65	74.2	2.30	74.9	1.95
30.0					70.7	2.45	72.2	2.25	73.0	1.90
32.0							70.3	2.15	70.9	1.90
Min. boom angle (°)	69		69		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 20.8m SL Jib

Specification SA1 Outriggers fully extended (8.4m) 360° full range, with 24ton counterweight mounted to crane

Working radius (m)	2°		15°		30°		45°		60°	
	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	67.4	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	65.7	2.50	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0	64.0	2.35	66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0	62.3	2.25	65.0	1.75	67.6	1.45	69.5	1.30	70.3	1.10
40.0	60.5	2.10	63.2	1.70	65.8	1.40	67.5	1.25	68.1	1.10
42.0	58.8	2.00	61.4	1.60	63.9	1.35	65.5	1.25	65.9	1.10
44.0	56.6	1.85	59.5	1.55	61.9	1.30	63.4	1.20	63.5	1.10
46.0	54.4	1.70	57.6	1.50	59.8	1.25	61.2	1.20		
48.0	52.2	1.55	55.4	1.40	57.8	1.25	58.9	1.15		
50.0	49.8	1.15	52.7	1.30	55.5	1.20	56.5	1.15		
52.0	47.6	0.75	50.4	1.15	53.0	1.15	53.7	1.10		
54.0			48.1	0.75	50.5	1.05	50.8	1.05		
Min. boom angle (°)		47		47		49		49		63
Standard hook		for 7.8 ton								
Hook mass		250kg								
Parts of line		1								

52m Boom + 20.8m SL Jib

Specification SA2 Outriggers intermediately extended (7.4m) over side, with 24ton counterweight mounted to crane

Working radius (m)	2°		15°		30°		45°		60°	
	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	67.4	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	65.7	2.50	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0	64.0	2.35	66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0	62.3	2.25	65.0	1.75	67.6	1.45	69.5	1.30	70.3	1.10
40.0	60.5	2.10	63.2	1.70	65.8	1.40	67.5	1.25	68.1	1.10
42.0	58.8	2.00	61.4	1.60	63.9	1.35	65.5	1.25	65.9	1.10
44.0	56.5	1.50	59.5	1.55	61.9	1.30	63.4	1.20	63.5	1.10
46.0	54.2	1.05	57.6	1.50	59.8	1.25	61.2	1.20		
48.0					55.3	1.10	57.8	1.25	58.9	1.15
50.0							55.4	1.05	56.5	1.15
52.0								53.6	0.75	
Min. boom angle (°)		53		53		53		53		63
Standard hook		for 7.8 ton								
Hook mass		250kg								
Parts of line		1								

52m Boom + 20.8m SL Jib

Specification SA3 Outriggers intermediately extended (6.4m) over side, with 24ton counterweight mounted to crane

Working radius (m)	2°		15°		30°		45°		60°	
	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	67.4	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	65.7	2.50	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0	64.0	2.35	66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0	62.2	2.00	65.0	1.75	67.6	1.45	69.5	1.30	70.3	1.10
40.0	60.2	1.40	63.2	1.70	65.8	1.40	67.5	1.25	68.1	1.10
42.0			61.4	1.50	63.9	1.35	65.5	1.25	65.9	1.10
44.0					61.9	1.30	63.4	1.20	63.5	1.10
46.0							61.2	1.20		
Min. boom angle (°)		59		59		60		60		63
Standard hook		for 7.8 ton								
Hook mass		250kg								
Parts of line		1								

52m Boom + 20.8m SL Jib

Specification SA4 Outriggers intermediately extended (5.4m) over side, with 24ton counterweight mounted to crane

Working radius (m)	2°		15°		30°		45°		60°		
	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	
10.0	82.7	3.00									
12.0	81.4	3.00									
14.0	80.1	3.00	83.6	2.90							
16.0	78.8	3.00	82.3	2.90							
18.0	77.5	3.00	80.9	2.90							
20.0	76.1	3.00	79.5	2.90	82.5	1.95					
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50			
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50			
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15	
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15	
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15	
32.0	67.4	2.60	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15	
34.0	65.5	1.90	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15	
36.0					66.8	1.85	69.4	1.50	71.4	1.30	
38.0							67.6	1.45	69.5	1.30	
40.0							65.8	1.40	67.5	1.25	
42.0								65.5	1.25	65.9	1.10
Min. boom angle (°)		64		65		65		65		65	
Standard hook		for 7.8 ton									
Hook mass		250kg									
Parts of line		1									

52m Boom + 20.8m SL Jib

Specification SA5 Outriggers intermediately extended (4.4m) over side, with 24ton counterweight mounted to crane

Working radius (m)	2°		15°		30°		45°		60°	
	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.4	2.60	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0			71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0					72.9	1.60	75.1	1.40	76.4	1.15
34.0					71.1	1.55	73.3	1.35	74.4	1.15
36.0							71.4	1.30	72.3	1.10
Min. boom angle (°)		69		70		70		70		70
Standard hook		for 7.8 ton								
Hook mass		250kg								
Parts of line		1								

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 9.2m SL Jib										
Specification SB1 Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane										
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.5	5.25	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	62.0	4.65	63.2	4.35	64.8	3.95	65.8	3.75	66.2	3.65
28.0	59.5	4.15	60.7	3.90	62.2	3.60	63.1	3.45	63.5	3.40
30.0	56.9	3.75	58.1	3.50	59.5	3.30	60.4	3.15		
32.0	54.2	3.35	55.3	3.20	56.8	3.00	57.5	2.90		
34.0	51.3	2.75	52.6	2.90	53.9	2.75	54.5	2.70		
36.0	47.9	1.95	49.4	2.15	50.8	2.35	51.3	2.45		
38.0	44.7	1.25	46.0	1.45	47.3	1.65	47.5	1.75		
40.0			42.4	0.80	43.4	0.95				
Min. boom angle (°)		42		42		42		47		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SB2 Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane										
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.5	5.25	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	62.0	4.65	63.2	4.35	64.8	3.95	65.8	3.75	66.2	3.65
28.0	59.5	4.10	60.7	3.90	62.2	3.60	63.1	3.45	63.5	3.40
30.0	56.7	3.15	58.1	3.40	59.5	3.30	60.4	3.15		
32.0	53.7	2.20	55.1	2.50	56.7	2.85	57.5	2.90		
34.0	50.7	1.40	52.1	1.65	53.6	1.95	54.3	2.10		
36.0			48.9	0.90	50.3	1.15	50.8	1.30		
Min. boom angle (°)		48		48		48		48		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SB3 Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane										
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.4	4.75	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	61.7	3.55	63.1	3.90	64.8	3.95	65.8	3.75	66.2	3.65
28.0	58.9	2.55	60.4	2.90	62.1	3.30	63.1	3.45	63.5	3.40
30.0	56.1	1.60	57.5	1.90	59.2	2.30	60.2	2.55		
32.0							57.0	1.60		
Min. boom angle (°)		55		56		56		56		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SB4 Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane										
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	6.95	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	68.7	5.40	70.4	5.80	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.4	4.15	67.8	4.50	69.7	4.85	70.9	4.40	71.3	3.75
24.0	63.8	2.95	65.3	3.35	67.1	3.85	68.4	4.10	68.9	3.75
26.0			62.5	2.25	64.4	2.75	65.6	3.05	66.1	3.20
28.0							62.6	2.00	63.1	2.10
Min. boom angle (°)		62		62		62		62		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SB5 Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane										
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.3	6.50	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	70.9	4.85	72.3	5.30	74.3	5.35	75.5	4.65	76.2	3.85
20.0			69.9	3.95	71.9	4.50	73.2	4.50	73.9	3.80
22.0					69.3	3.25	70.7	3.65	71.3	3.75
24.0									68.6	2.70
Min. boom angle (°)		68		68		68		68		68
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 15.0m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.60	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.3	3.20	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	59.0	2.90	61.6	2.60	64.0	2.35	65.6	2.10	66.2	1.90
34.0	56.7	2.60	59.3	2.40	61.6	2.20	63.1	2.10	63.5	1.90
36.0	54.2	2.35	56.8	2.15	59.0	2.00	60.4	1.95		
38.0	51.6	2.10	54.2	1.95	56.4	1.85	57.6	1.80		
40.0	48.8	1.65	51.6	1.80	53.6	1.70	54.5	1.65		
42.0	45.8	1.05	48.5	1.45	50.6	1.55	51.3	1.55		
44.0			45.3	0.85	47.3	1.15	47.7	1.20		
Min. boom angle (°)	43		44		44		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.60	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.3	3.20	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	59.0	2.90	61.6	2.60	64.0	2.35	65.6	2.10	66.2	1.90
34.0	56.6	2.40	59.3	2.40	61.6	2.20	63.1	2.10	63.5	1.90
36.0	53.9	1.65	56.8	2.15	59.0	2.00	60.4	1.95		
38.0	51.2	1.05	54.0	1.50	56.4	1.85	57.6	1.80		
40.0			51.2	0.90	53.5	1.30	54.4	1.50		
42.0							51.0	0.80		
Min. boom angle (°)	50		50		50		50		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.50	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.0	2.55	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	58.5	1.75	61.5	2.40	64.0	2.35	65.6	2.10	66.2	1.90
34.0			58.9	1.65	61.6	2.20	63.1	2.10	63.5	1.90
36.0					58.8	1.45	60.3	1.75		
Min. boom angle (°)	57		57		58		58		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib											
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane										
Offset	2°		15°		30°		45°		60°		
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	
8.0	82.4	4.00									
9.0	81.5	4.00									
10.0	80.6	4.00									
12.0	78.8	4.00	81.9	4.00							
14.0	77.0	4.00	80.1	4.00	83.0	3.15					
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55			
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00	
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00	
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00	
24.0	67.6	3.75	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95	
26.0	65.2	2.75	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95	
28.0					66.0	2.60	68.6	2.50	70.5	2.25	
30.0							66.3	2.40	68.1	2.15	
32.0								65.6	2.05	66.2	1.90
Min. boom angle (°)	63		64		64		64		64		
Standard hook	for 7.8 ton										
Hook mass	250kg										
Parts of line	1										

44m Boom + 15.0m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0			72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0			70.2	2.90	72.9	2.75	75.0	2.35	76.2	1.95
26.0					70.8	2.60	72.7	2.30	73.8	1.95
28.0							70.5	2.25	71.4	1.90
Min. boom angle (°)	69		69		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 20.8m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.7	2.20	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0	58.7	2.10	61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0	56.5	1.90	59.7	1.60	62.8	1.35	64.9	1.25	65.5	1.10
40.0	54.2	1.70	57.5	1.55	60.5	1.30	62.3	1.20	62.8	1.10
42.0	51.8	1.55	55.2	1.45	58.1	1.30	59.8	1.20		
44.0	49.5	1.40	52.7	1.30	55.5	1.25	57.0	1.20		
46.0	46.8	1.00	50.1	1.20	52.8	1.10	54.0	1.10		
48.0			47.2	0.95	49.9	1.05	50.7	1.00		
50.0					46.5	0.75				
Min. boom angle (°)	44		45		45		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.7	2.20	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0	58.7	2.10	61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0	56.5	1.90	59.7	1.60	62.8	1.35	64.9	1.25	65.5	1.10
40.0	54.1	1.40	57.5	1.55	60.5	1.30	62.3	1.20	62.8	1.10
42.0			55.2	1.45	58.1	1.30	59.8	1.20		
44.0			52.5	0.90	55.5	1.25	57.0	1.20		
46.0					52.7	0.85	54.0	1.05		
Min. boom angle (°)	51		51		52		52		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.6	1.95	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0			61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0			59.6	1.45	62.8	1.35	64.9	1.25	65.5	1.10
40.0					60.5	1.30	62.3	1.20	62.8	1.10
42.0							59.8	1.20		
Min. boom angle (°)	58		58		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0			68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0			66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0					67.3	1.50	69.6	1.30	70.8	1.15
36.0							67.4	1.30	68.2	1.15
38.0									65.5	1.10
Min. boom angle (°)	64		64		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.2	2.80	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0			71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0					73.4	1.70	76.2	1.45	77.9	1.20
30.0							74.1	1.40	75.7	1.15
32.0							71.8	1.35	73.2	1.15
Min. boom angle (°)	69		70		71		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 26.6m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0	58.7	1.35	62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0	56.7	1.25	60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0	54.7	1.20	58.5	0.95	62.2	0.80	64.6	0.75	65.2	0.70
46.0	52.5	1.10	56.4	0.90	59.9	0.80	62.1	0.75		
48.0	50.4	1.05	54.3	0.90	57.5	0.75	59.4	0.70		
50.0	48.0	0.85	51.9	0.85	55.1	0.75	56.7	0.70		
52.0			49.5	0.80	52.5	0.70	53.6	0.70		
54.0					49.6	0.70	50.2	0.70		
Min. boom angle (°)	46		47		47		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0	58.7	1.35	62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0	56.7	1.25	60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0	54.7	1.20	58.5	0.95	62.2	0.80	64.6	0.75	65.2	0.70
46.0			56.4	0.90	59.9	0.80	62.1	0.75		
48.0			54.3	0.85	57.5	0.75	59.4	0.70		
50.0			51.9	0.85	55.1	0.75	56.7	0.70		
52.0			49.5	0.80	52.5	0.70	53.6	0.70		
Min. boom angle (°)	53		53		53		53		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0			62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0			60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0					62.2	0.80	64.6	0.75	65.2	0.70
46.0							62.1	0.75		
Min. boom angle (°)	59		60		60		60		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0			68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0					70.4	0.95	73.5	0.80	75.4	0.70
38.0					68.6	0.95	71.4	0.80	73.0	0.70
40.0					66.5	0.90	69.2	0.80	70.6	0.70
42.0							66.9	0.75	67.9	0.70
Min. boom angle (°)	65		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0			73.6	1.50	77.9	1.15	81.5	0.90		
30.0			71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0					74.2	1.05	77.6	0.85	80.0	0.75
34.0							75.6	0.85	77.7	0.75
36.0							73.5	0.80	75.4	0.70
38.0									73.0	0.70
Min. boom angle (°)	70		71		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 9.2m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.3	6.00	68.5	5.80	69.8	4.85	70.7	4.35	71.1	3.75
26.0	65.2	5.80	66.3	5.40	67.6	4.65	68.5	4.25	68.8	3.75
28.0	62.9	5.10	64.1	4.95	65.4	4.45	66.2	4.10	66.5	3.70
30.0	60.5	4.55	61.7	4.40	63.0	4.15	63.8	3.85	63.9	3.70
32.0	58.1	3.65	59.2	3.90	60.6	3.80	61.4	3.65		
34.0	55.1	2.85	56.6	3.05	58.0	3.35	58.7	3.40		
36.0	52.3	2.15	53.7	2.35	55.1	2.60	55.8	2.70		
38.0	49.4	1.45	50.4	1.65	52.1	1.90	52.6	2.00		
40.0			47.4	1.00	48.9	1.20	48.9	1.30		
Min. boom angle (°)	46		46		47		47		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.3	6.00	68.5	5.80	69.8	4.85	70.7	4.35	71.1	3.75
26.0	65.1	5.45	66.3	5.40	67.6	4.65	68.5	4.25	68.8	3.75
28.0	62.9	4.30	64.0	4.65	65.4	4.45	66.2	4.10	66.5	3.70
30.0	60.5	3.30	61.4	3.60	63.0	4.00	63.8	3.85	63.9	3.70
32.0	57.8	2.45	59.0	2.75	60.3	3.05	61.3	3.25		
34.0	54.6	1.60	56.0	1.90	57.8	2.20	58.3	2.40		
36.0					54.7	1.40	55.2	1.55		
Min. boom angle (°)	53		53		53		53		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.0	4.95	68.4	5.35	69.8	4.85	70.7	4.35	71.1	3.75
26.0	64.5	3.75	65.9	4.15	67.6	4.60	68.5	4.25	68.8	3.75
28.0	62.0	2.75	63.4	3.10	65.1	3.50	66.2	3.80	66.5	3.70
30.0			60.7	2.15	62.3	2.55	63.4	2.80	63.6	2.90
32.0					59.7	1.65	60.7	1.90		
Min. boom angle (°)	59		59		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.0	5.55	72.4	5.95	73.9	5.25	75.0	4.60	75.5	3.80
22.0	68.6	4.25	70.1	4.65	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.3	3.15	67.7	3.55	69.5	4.00	70.7	4.30	71.1	3.75
26.0					66.9	2.95	68.1	3.30	68.7	3.45
28.0							65.5	2.25	66.0	2.40
Min. boom angle (°)	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.7	4.90	74.2	5.45	76.0	5.50	77.1	4.75	77.6	3.85
20.0			71.8	4.00	73.7	4.60	75.0	4.60	75.5	3.80
22.0					71.3	3.35	72.6	3.80	73.3	3.80
24.0									70.8	2.90
Min. boom angle (°)	70		70		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 15.0m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.2	4.00	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	64.3	3.75	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	62.3	3.55	64.4	2.85	66.6	2.40	68.1	2.15	68.7	1.90
34.0	60.2	3.35	62.4	2.75	64.4	2.30	65.9	2.10	66.3	1.90
36.0	58.0	2.95	60.3	2.60	62.3	2.25	63.5	2.05	63.8	1.90
38.0	55.5	2.35	58.0	2.50	60.0	2.20	61.2	2.05		
40.0	52.8	1.75	55.6	2.15	57.6	2.10	58.6	2.00		
42.0	50.2	1.20	52.8	1.60	55.0	1.90	55.9	1.90		
44.0			50.0	1.05	52.1	1.35	52.8	1.45		
46.0					48.9	0.75	49.5	0.85		
Min. boom angle (°)	48		48		48		48		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.2	4.00	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	64.3	3.75	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	62.2	3.35	64.4	2.85	66.6	2.40	68.1	2.15	68.7	1.90
34.0	59.8	2.55	62.4	2.75	64.4	2.30	65.9	2.10	66.3	1.90
36.0	57.5	1.80	60.2	2.35	62.3	2.25	63.5	2.05	63.8	1.90
38.0	55.0	1.20	57.6	1.70	60.0	2.15	61.2	2.05		
40.0					57.3	1.45	58.5	1.70		
Min. boom angle (°)	54		55		55		55		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.1	3.65	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	63.9	2.75	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	61.6	1.90	64.3	2.60	66.6	2.40	68.1	2.15	68.7	1.90
34.0			62.0	1.80	64.4	2.30	65.9	2.10	66.3	1.90
36.0					62.0	1.65	63.5	1.95	63.8	1.90
Min. boom angle (°)	60		61		61		61		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	3.85	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	67.5	2.90	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0					68.3	2.80	70.7	2.60	72.4	2.25
30.0							68.7	2.50	70.3	2.20
32.0									68.1	2.15
32.0									68.7	1.90
Min. boom angle (°)	66		66		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0			74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0					74.6	2.80	76.5	2.40	77.6	1.95
26.0					72.7	2.70	74.5	2.35	75.5	1.95
28.0									73.2	1.90
Min. boom angle (°)	71		72		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 20.8m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.3	2.35	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0	61.4	2.25	64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0	59.5	2.10	62.5	1.70	65.3	1.40	67.3	1.25	68.1	1.10
40.0	57.5	1.95	60.5	1.60	63.3	1.35	65.1	1.25	65.6	1.10
42.0	55.5	1.85	58.5	1.55	61.2	1.30	62.8	1.20	63.1	1.10
44.0	53.4	1.55	56.3	1.45	58.9	1.30	60.5	1.20		
46.0	51.0	1.05	54.1	1.40	56.6	1.25	57.9	1.20		
48.0			51.5	1.05	54.1	1.20	55.2	1.15		
50.0					51.7	0.95	52.3	1.05		
Min. boom angle (°)	48		49		49		49		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.3	2.35	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0	61.4	2.25	64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0	59.5	2.10	62.5	1.70	65.3	1.40	67.3	1.25	68.1	1.10
40.0	57.3	1.50	60.5	1.60	63.3	1.35	65.1	1.25	65.6	1.10
42.0			58.5	1.55	61.2	1.30	62.8	1.20	63.1	1.10
44.0					58.9	1.30	60.5	1.20		
46.0							57.9	1.20		
Min. boom angle (°)	55		56		56		56		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.1	2.05	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0			64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0					65.3	1.40	67.3	1.25	68.1	1.10
40.0					63.3	1.35	65.1	1.25	65.6	1.10
42.0							62.8	1.20	63.1	1.10
Min. boom angle (°)	61		62		62		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.85	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0			70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0			68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0					69.3	1.50	71.6	1.35	72.7	1.15
36.0							69.4	1.30	70.4	1.10
Min. boom angle (°)	67		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0			75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0			73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0					74.9	1.75	77.4	1.45	79.1	1.20
30.0							75.5	1.40	77.0	1.15
32.0							73.5	1.35	74.9	1.15
Min. boom angle (°)	72		72		73		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 26.6m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0	61.2	1.45	64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0	59.5	1.35	63.1	1.05	66.7	0.90	69.2	0.80	70.1	0.70
44.0	57.6	1.25	61.2	1.00	64.6	0.85	67.0	0.75	67.7	0.70
46.0	55.8	1.20	59.3	0.95	62.7	0.80	64.8	0.75	65.2	0.70
48.0	53.8	1.15	57.3	0.90	60.6	0.80	62.6	0.75	62.5	0.70
50.0	52.1	0.90	55.4	0.90	58.4	0.75	60.0	0.70		
52.0			53.2	0.85	56.2	0.75	57.5	0.70		
54.0					53.7	0.70	54.8	0.70		
56.0							51.9	0.70		
Min. boom angle (°)		50		51		51		51		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0	61.2	1.45	64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0	59.5	1.35	63.1	1.05	66.7	0.90	69.2	0.80	70.1	0.70
44.0	57.5	1.20	61.2	1.00	64.6	0.85	67.0	0.75	67.7	0.70
46.0			59.3	0.95	62.7	0.80	64.8	0.75	65.2	0.70
48.0					60.6	0.80	62.6	0.75	62.5	0.70
50.0					58.4	0.75	60.0	0.70		
52.0					56.2	0.75	57.5	0.70		
54.0									57.5	0.70
56.0										
Min. boom angle (°)		56		57		57		57		62
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0			64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0					66.7	0.90	69.2	0.80	70.1	0.70
44.0					64.6	0.85	67.0	0.75	67.7	0.70
46.0							64.8	0.75	65.2	0.70
Min. boom angle (°)		62		63		63		63		63
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib											
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane										
Offset	2°		15°		30°		45°		60°		
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	
10.0	83.1	2.10									
12.0	81.8	2.10									
14.0	80.5	2.10									
16.0	79.2	2.10	83.7	1.85							
18.0	77.9	2.10	82.3	1.85							
20.0	76.5	2.10	80.8	1.85							
22.0	75.2	2.10	79.5	1.85	83.5	1.20					
24.0	73.9	2.10	78.0	1.75	82.0	1.20					
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90			
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90			
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75	
32.0					71.7	1.40	75.6	1.05	78.6	0.85	
34.0					70.0	1.30	73.8	1.00	76.8	0.85	
36.0							72.1	1.00	75.0	0.80	
38.0							70.3	0.95	73.1	0.80	
40.0									71.2	0.80	
42.0										70.1	0.70
Min. boom angle (°)		68		68		69		69		69	
Standard hook	for 7.8 ton										
Hook mass	250kg										
Parts of line	1										

48m Boom + 26.6m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0			76.4	1.65	80.4	1.20	83.9	0.90		
28.0			74.9	1.55	78.9	1.15	82.2	0.90		
30.0					77.3	1.10	80.5	0.90	82.8	0.75
32.0					75.6	1.05	78.6	0.85	80.9	0.75
34.0							76.8	0.85	78.8	0.75
36.0							75.0	0.80	76.7	0.70
38.0									74.7	0.70
Min. boom angle (°)		73		73		74		74		74
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 9.2m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.20	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.5	5.20	68.6	5.15	69.9	4.55	70.7	4.20	71.0	3.75
28.0	65.7	5.20	66.7	4.75	67.8	4.20	68.6	3.90	68.9	3.70
30.0	63.5	4.55	64.6	4.35	65.8	3.95	66.5	3.65	66.8	3.55
32.0	61.4	3.80	62.5	4.00	63.6	3.65	64.3	3.45	64.5	3.40
34.0	58.9	3.00	60.1	3.25	61.4	3.40	62.1	3.25		
36.0	56.3	2.30	57.5	2.50	59.0	2.75	59.7	2.90		
38.0	53.7	1.65	54.9	1.85	56.2	2.10	56.7	2.20		
40.0			52.2	1.20	53.4	1.40	53.9	1.50		
Min. boom angle (°)	51		51		51		51		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.20	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.5	5.20	68.6	5.15	69.9	4.55	70.7	4.20	71.0	3.75
28.0	65.5	4.50	66.7	4.75	67.8	4.20	68.6	3.90	68.9	3.70
30.0	63.1	3.50	64.4	3.80	65.8	3.95	66.5	3.65	66.8	3.55
32.0	60.8	2.60	62.0	2.90	63.5	3.30	64.3	3.45	64.5	3.40
34.0	58.3	1.80	59.5	2.05	61.0	2.40	61.8	2.60		
36.0					58.5	1.60	59.2	1.80		
Min. boom angle (°)	57		57		57		57		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.15	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.0	3.95	68.3	4.30	69.9	4.55	70.7	4.20	71.0	3.75
28.0	64.7	2.95	66.0	3.25	67.6	3.70	68.6	3.90	68.9	3.70
30.0			63.7	2.30	65.2	2.75	66.2	3.00	66.6	3.10
32.0							63.7	2.10	64.0	2.15
Min. boom angle (°)	62		63		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	70.7	4.40	72.1	4.75	73.8	5.15	74.6	4.55	75.0	3.80
24.0	68.5	3.30	69.9	3.70	71.6	4.10	72.7	4.40	73.1	3.75
26.0					69.3	3.15	70.4	3.45	70.9	3.60
Min. boom angle (°)	68		68		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.3	4.90	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0			73.5	4.00	75.4	4.70	76.6	4.65	77.0	3.85
22.0							74.4	3.90	75.0	3.80
Min. boom angle (°)	72		72		73		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 15.0m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.5	4.00	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.8	3.95	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0	65.0	3.60	67.0	3.00	68.9	2.45	70.3	2.20	70.9	1.90
34.0	63.1	3.30	65.2	2.85	67.1	2.40	68.4	2.15	68.8	1.90
36.0	61.1	3.05	63.2	2.65	65.0	2.30	66.3	2.10	66.6	1.90
38.0	58.9	2.45	61.2	2.50	63.1	2.25	64.2	2.05	64.4	1.90
40.0	56.6	1.90	59.1	2.30	60.9	2.10	61.9	2.00		
42.0	54.0	1.30	56.7	1.75	58.7	1.95	59.6	1.85		
44.0			54.0	1.20	56.1	1.50	57.1	1.65		
46.0							54.1	1.05		
Min. boom angle (°)	52		53		53		53		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.5	4.00	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.8	3.95	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0	64.9	3.45	67.0	3.00	68.9	2.45	70.3	2.20	70.9	1.90
34.0	62.8	2.70	65.2	2.85	67.1	2.40	68.4	2.15	68.8	1.90
36.0	60.6	1.95	63.1	2.50	65.0	2.30	66.3	2.10	66.6	1.90
38.0			60.9	1.80	63.1	2.25	64.2	2.05	64.4	1.90
40.0					60.7	1.65	61.9	1.90		
Min. boom angle (°)	58		59		59		59		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.4	3.75	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.3	2.85	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0			66.8	2.70	68.9	2.45	70.3	2.20	70.9	1.90
34.0			64.8	1.90	67.1	2.40	68.4	2.15	68.8	1.90
36.0					64.7	1.75	66.3	2.10	66.6	1.90
Min. boom angle (°)	64		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	69.6	3.05	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0			70.4	2.95	72.6	2.65	74.2	2.30	74.9	1.95
30.0					70.7	2.55	72.2	2.25	73.0	1.90
32.0							70.3	2.20	70.9	1.90
Min. boom angle (°)	69		69		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0			75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0					76.1	2.85	77.8	2.45	78.8	1.95
26.0							76.0	2.35	76.9	1.95
28.0									74.9	1.95
Min. boom angle (°)	73		74		74		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 20.8m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	67.4	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	65.7	2.50	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0	64.0	2.35	66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0	62.3	2.25	65.0	1.75	67.6	1.45	69.5	1.30	70.3	1.10
40.0	60.5	2.10	63.2	1.70	65.8	1.40	67.5	1.25	68.1	1.10
42.0	58.8	2.00	61.4	1.60	63.9	1.35	65.5	1.25	65.9	1.10
44.0	56.6	1.65	59.5	1.55	61.9	1.30	63.4	1.20	63.5	1.10
46.0	54.2	1.15	57.6	1.50	59.8	1.25	61.2	1.20		
48.0			55.3	1.15	57.8	1.25	58.9	1.15		
50.0					55.5	1.10	56.5	1.15		
Min. boom angle (°)	53		54		54		54		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	67.4	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	65.7	2.50	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0	64.0	2.35	66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0	62.2	2.20	65.0	1.75	67.6	1.45	69.5	1.30	70.3	1.10
40.0	60.2	1.60	63.2	1.70	65.8	1.40	67.5	1.25	68.1	1.10
42.0			61.4	1.60	63.9	1.35	65.5	1.25	65.9	1.10
44.0					61.9	1.30	63.4	1.20	63.5	1.10
46.0							61.2	1.20		
Min. boom angle (°)	59		59		60		60		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	67.4	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	65.6	2.20	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0			66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0					67.6	1.45	69.5	1.30	70.3	1.10
40.0					65.8	1.40	67.5	1.25	68.1	1.10
42.0							65.5	1.25	65.9	1.10
Min. boom angle (°)	64		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	2.95	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0			71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0					72.9	1.60	75.1	1.40	76.4	1.15
34.0					71.1	1.55	73.3	1.35	74.4	1.15
36.0							71.4	1.30	72.3	1.10
Min. boom angle (°)	69		70		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0			76.5	2.55	79.4	1.95	81.9	1.50		
26.0			74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0					76.2	1.75	78.6	1.50	80.1	1.15
30.0							76.9	1.45	78.2	1.15
32.0									76.4	1.15
Min. boom angle (°)	74		74		75		75		75	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 26.6m SL Jib										
Specification SB1	Outriggers fully extended (8.4m) 360° full range, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0	66.8	1.75	70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0	65.2	1.65	68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0	63.7	1.55	67.1	1.20	70.3	0.95	72.8	0.80	74.1	0.70
42.0	62.1	1.45	65.3	1.10	68.6	0.90	71.1	0.80	72.1	0.70
44.0	60.4	1.35	63.7	1.05	66.9	0.85	69.1	0.75	70.0	0.70
46.0	58.8	1.30	62.0	1.00	65.2	0.85	67.2	0.75	67.8	0.70
48.0	57.0	1.20	60.2	0.95	63.2	0.80	65.2	0.75	65.5	0.70
50.0	55.4	0.95	58.4	0.90	61.4	0.80	63.0	0.70		
52.0			56.6	0.90	59.3	0.75	60.8	0.70		
54.0					57.2	0.75	58.6	0.70		
56.0							56.1	0.70		
Min. boom angle (°)	54		55		55		55		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SB2	Outriggers intermediately extended (7.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0	66.8	1.75	70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0	65.2	1.65	68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0	63.7	1.55	67.1	1.20	70.3	0.95	72.8	0.80	74.1	0.70
42.0	62.1	1.45	65.3	1.10	68.6	0.90	71.1	0.80	72.1	0.70
44.0			63.7	1.05	66.9	0.85	69.1	0.75	70.0	0.70
46.0			62.0	1.00	65.2	0.85	67.2	0.75	67.8	0.70
48.0					63.2	0.80			65.2	0.75
50.0									63.0	0.70
Min. boom angle (°)	60		61		61		61		61	63
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SB3	Outriggers intermediately extended (6.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0	66.8	1.75	70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0			68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0			67.1	1.20	70.3	0.95	72.8	0.80	74.1	0.70
42.0					68.6	0.90	71.1	0.80	72.1	0.70
44.0					66.9	0.85	69.1	0.75	70.0	0.70
46.0							67.2	0.75	67.8	0.70
Min. boom angle (°)	65		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SB4	Outriggers intermediately extended (5.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0			73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0			71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0					73.6	1.00	76.3	0.85	78.0	0.70
38.0					71.9	0.95	74.6	0.80	76.1	0.70
40.0							72.8	0.80	74.1	0.70
42.0									72.1	0.70
Min. boom angle (°)	70		71		71		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SB5	Outriggers intermediately extended (4.4m) over side, with 16ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0			77.5	1.65	81.1	1.15				
28.0			76.1	1.60	79.7	1.15	82.8	0.85		
30.0					78.2	1.10	81.2	0.85	83.4	0.75
32.0					76.7	1.05	79.6	0.85	81.6	0.75
34.0							78.0	0.85	79.8	0.75
36.0									78.0	0.70
Min. boom angle (°)	74		75		76		76		76	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 9.2m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.90	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.5	5.25	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	62.0	4.65	63.2	4.35	64.8	3.95	65.8	3.75	66.2	3.65
28.0	59.2	3.55	60.7	3.90	62.2	3.60	63.1	3.45	63.5	3.40
30.0	56.4	2.55	57.8	2.85	59.5	3.25	60.4	3.15		
32.0	53.5	1.70	54.8	1.95	56.4	2.30	57.4	2.50		
34.0					53.4	1.50	54.0	1.65		
Min. boom angle (°)	52		52		52		53		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.80	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.3	4.40	65.7	4.80	67.3	4.40	68.4	4.10	68.9	3.75
26.0	61.4	3.20	63.0	3.55	64.8	3.95	65.8	3.75	66.2	3.65
28.0	58.5	2.15	60.2	2.55	62.0	2.95	63.1	3.25	63.5	3.35
30.0					59.0	1.95	60.0	2.25		
Min. boom angle (°)	57		58		58		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	68.7	5.40	70.5	5.95	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.2	3.90	67.8	4.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	63.6	2.70	65.0	3.10	67.1	3.65	68.4	4.05	68.9	3.75
26.0					64.2	2.50	65.5	2.85	66.0	3.00
Min. boom angle (°)	63		63		63		64		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.3	6.60	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	70.6	4.75	72.3	5.35	74.3	5.35	75.5	4.65	76.2	3.85
20.0			69.8	3.85	71.9	4.50	73.2	4.50	73.9	3.80
22.0					69.0	3.15	70.6	3.65	71.3	3.75
Min. boom angle (°)	68		68		68		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	74.9	5.80	76.8	6.60	78.6	5.90	80.0	4.80	80.9	3.90
16.0			74.2	4.55	76.5	5.50	77.8	4.80	78.6	3.90
18.0					73.7	3.80	75.4	4.45	76.2	3.85
Min. boom angle (°)	73		73		73		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 15.0m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.6	3.60	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	61.3	3.20	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0	58.4	2.60	61.6	2.60	64.0	2.35	65.6	2.10	66.2	1.90
34.0	56.0	1.85	59.3	2.40	61.6	2.20	63.1	2.10	63.5	1.90
36.0	53.5	1.20	56.3	1.75	59.0	2.00	60.4	1.95		
38.0			53.7	1.10	56.0	1.50	57.6	1.75		
40.0							53.9	1.10		
Min. boom angle (°)	53		53		53		53		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.5	3.10	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	60.9	2.25	64.0	2.85	66.3	2.40	68.1	2.15	68.8	1.90
32.0			61.4	2.10	64.0	2.35	65.6	2.10	66.2	1.90
34.0			58.9	1.30	61.5	1.90	63.1	2.10	63.5	1.90
36.0							60.3	1.50		
Min. boom angle (°)	58		58		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.6	3.60	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.1	2.55	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0			66.0	2.45	68.6	2.50	70.5	2.25	71.4	1.90
30.0					66.3	2.25	68.1	2.15	68.8	1.90
32.0							65.5	1.90	66.2	1.90
Min. boom angle (°)	64		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0			72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0			70.2	2.85	72.9	2.75	75.0	2.35	76.2	1.95
26.0					70.8	2.60	72.7	2.30	73.8	1.95
28.0							70.5	2.25	71.4	1.90
Min. boom angle (°)	69		69		69		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0			76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0					77.1	3.00	79.3	2.55	80.8	2.00
22.0					75.1	2.85	77.2	2.45	78.5	2.00
24.0							75.0	2.35	76.2	1.95
Min. boom angle (°)	74		74		74		74		75	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 20.8m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.40	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.7	2.20	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0	58.7	2.05	61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0	56.2	1.50	59.7	1.60	62.8	1.35	64.9	1.25	65.5	1.10
40.0			57.5	1.55	60.5	1.30	62.3	1.20	62.8	1.10
42.0					58.1	1.30	59.8	1.20		
44.0					55.4	1.00	57.0	1.20		
Min. boom angle (°)	55		55		55		56		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.35	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0	60.5	1.65	64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0			61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0			59.6	1.15	62.8	1.35	64.9	1.25	65.5	1.10
40.0					60.5	1.20	62.3	1.10	62.8	1.10
Min. boom angle (°)	59		59		59		60		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.5	2.55	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.4	1.75	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0			66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0					67.3	1.50	69.6	1.30	70.8	1.15
36.0							67.4	1.30	68.2	1.15
38.0									65.5	1.10
Min. boom angle (°)	64		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.2	2.80	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0			71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0					73.4	1.70	76.2	1.45	77.9	1.20
30.0							74.1	1.40	75.7	1.15
32.0							71.8	1.35	73.2	1.15
Min. boom angle (°)	69		70		71		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0			77.3	2.75	81.0	1.95				
22.0			75.5	2.55	79.2	1.95	82.2	1.50		
24.0					77.3	1.85	80.3	1.50	82.4	1.20
26.0							78.2	1.50	80.1	1.20
28.0							76.2	1.45	77.9	1.20
30.0									75.7	1.15
Min. boom angle (°)	74		74		75		75		75	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 26.6m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.5	1.45	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0	58.7	1.35	62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0	56.7	1.20	60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0			58.5	0.95	62.2	0.80	64.6	0.75	65.2	0.70
46.0			56.4	0.90	59.9	0.80	62.1	0.75		
48.0					57.5	0.75	59.4	0.70		
Min. boom angle (°)	55		56		57		58		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0	60.4	1.25	64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0			62.6	1.10	66.5	0.90	69.2	0.80	70.6	0.70
42.0			60.6	1.00	64.3	0.85	66.9	0.75	67.9	0.70
44.0					62.2	0.80	64.6	0.75	65.2	0.70
46.0							62.1	0.75		
Min. boom angle (°)	60		60		61		61		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0			68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0			66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0					68.6	0.95	71.4	0.80	73.0	0.70
40.0					66.5	0.90	69.2	0.80	70.6	0.70
42.0							66.9	0.75	67.9	0.70
Min. boom angle (°)	65		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0			73.6	1.50	77.9	1.15	81.5	0.90		
30.0			71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0					74.2	1.05	77.6	0.85	80.0	0.75
34.0					72.4	1.00	75.6	0.85	77.7	0.75
36.0							73.5	0.80	75.4	0.70
38.0							71.4	0.80	73.0	0.70
Min. boom angle (°)	70		71		71		71		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0			78.6	1.80	83.0	1.20				
24.0			77.0	1.70	81.3	1.20				
26.0					79.7	1.20	83.3	0.90		
28.0					77.9	1.15	81.5	0.90		
30.0							79.6	0.90	82.1	0.75
32.0							77.6	0.85	80.0	0.75
34.0									77.7	0.75
Min. boom angle (°)	75		76		76		76		76	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 9.2m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	67.3	6.00	68.5	5.80	69.8	4.85	70.7	4.35	71.1	3.75
26.0	65.0	4.90	66.3	5.30	67.6	4.65	68.5	4.25	68.8	3.75
28.0	62.7	3.70	63.6	4.10	65.4	4.45	66.2	4.10	66.5	3.70
30.0	60.3	2.70	61.2	3.05	62.7	3.45	63.8	3.70	63.9	3.70
32.0	57.6	1.85	58.8	2.15	60.1	2.50	60.6	2.75		
34.0					57.6	1.70	58.0	1.90		
Min. boom angle (°)	56		57		57		57		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.8	4.55	68.3	5.00	69.8	4.85	70.7	4.35	71.1	3.75
26.0	64.3	3.35	65.7	3.75	67.5	4.25	68.5	4.25	68.8	3.75
28.0	62.0	2.35	62.9	2.70	64.9	3.15	66.0	3.45	66.5	3.60
30.0			60.6	1.75	62.1	2.20	63.3	2.50	63.5	2.60
Min. boom angle (°)	60		60		61		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.0	5.55	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	68.5	4.10	70.0	4.55	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.1	2.85	67.6	3.30	69.5	3.85	70.7	4.25	71.1	3.75
26.0					66.8	2.70	68.1	3.05	68.7	3.25
Min. boom angle (°)	65		66		66		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.4	4.80	74.1	5.40	76.0	5.50	77.1	4.75	77.6	3.85
20.0			71.7	3.90	73.7	4.60	75.0	4.60	75.5	3.80
22.0							72.5	3.75	73.3	3.80
Min. boom angle (°)	70		70		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.6	5.75	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0			75.6	4.55	77.8	5.50	79.1	4.80	79.7	3.85
18.0							77.0	4.50	77.6	3.85
20.0									75.4	3.40
Min. boom angle (°)	75		75		75		75		75	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 15.0m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	66.2	4.00	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	64.3	3.55	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0	61.8	2.70	64.4	2.85	66.6	2.40	68.1	2.15	68.7	1.90
34.0	59.5	1.95	62.4	2.55	64.4	2.30	65.9	2.10	66.3	1.90
36.0			59.6	1.85	62.3	2.25	63.5	2.05	63.8	1.90
38.0					59.4	1.65	61.2	1.95		
40.0							58.2	1.30		
Min. boom angle (°)	57		57		57		57		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	65.9	3.20	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	63.7	2.35	66.5	3.00	68.7	2.50	70.3	2.20	71.1	1.90
32.0			64.2	2.20	66.6	2.40	68.1	2.15	68.7	1.90
34.0			61.9	1.45	64.3	2.05	65.9	2.10	66.3	1.90
36.0					61.9	1.30	63.4	1.70	63.8	1.80
Min. boom angle (°)	61		61		61		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.7	3.70	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	67.5	2.65	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0			68.3	2.55	70.7	2.60	72.4	2.25	73.2	1.90
30.0					68.7	2.40	70.3	2.20	71.1	1.90
32.0							68.1	2.05	68.7	1.90
Min. boom angle (°)	66		66		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0			74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0					74.6	2.80	76.5	2.40	77.6	1.95
26.0					72.7	2.70	74.5	2.35	75.5	1.95
28.0							72.4	2.25	73.2	1.90
Min. boom angle (°)	71		72		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0			77.7	4.00	80.2	3.15	82.3	2.50		
20.0					78.4	3.05	80.4	2.50	81.7	2.00
22.0					76.6	2.95	78.4	2.50	79.7	2.00
24.0							76.5	2.40	77.6	1.95
Min. boom angle (°)	75		76		76		76		76	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 20.8m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.55	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.3	2.35	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0	61.3	2.10	64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0	59.3	1.50	62.5	1.70	65.3	1.40	67.3	1.25	68.1	1.10
40.0			60.5	1.60	63.3	1.35	65.1	1.25	65.6	1.10
42.0					61.2	1.30	62.8	1.20	63.1	1.10
44.0					58.8	1.10	60.5	1.20		
Min. boom angle (°)	58		58		58		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.40	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0	63.1	1.70	66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0			64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0					65.3	1.40	67.3	1.25	68.1	1.10
40.0							65.1	1.25	65.6	1.10
Min. boom angle (°)	62		63		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.5	2.60	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0			70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0			68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0					69.3	1.50	71.6	1.35	72.7	1.15
36.0					67.4	1.45	69.4	1.30	70.4	1.10
Min. boom angle (°)	67		67		67		68		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0			75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0			73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0					74.9	1.75	77.4	1.45	79.1	1.20
30.0							75.5	1.40	77.0	1.15
32.0							73.5	1.35	74.9	1.15
Min. boom angle (°)	72		72		73		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0			78.4	2.80	81.8	1.95				
22.0			76.9	2.65	80.1	1.95	82.9	1.50		
24.0					78.4	1.90	81.1	1.50	83.0	1.20
26.0							79.3	1.50	81.2	1.20
28.0							77.4	1.45	79.1	1.20
Min. boom angle (°)	76		76		77		77		78	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 26.6m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0	63.0	1.55	66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0	61.2	1.45	64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0	59.2	1.05	63.1	1.05	66.7	0.90	69.2	0.80	70.1	0.70
44.0			61.2	1.00	64.6	0.85	67.0	0.75	67.7	0.70
46.0					62.7	0.80	64.8	0.75	65.2	0.70
48.0					60.6	0.80	62.6	0.75	62.5	0.70
Min. boom angle (°)	58		60		60		61		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0	64.7	1.65	68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0			66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0			64.9	1.15	68.4	0.90	71.2	0.80	72.4	0.70
42.0					66.7	0.90	69.2	0.80	70.1	0.70
44.0					64.6	0.85	67.0	0.75	67.7	0.70
46.0							64.8	0.75	65.2	0.70
Min. boom angle (°)	63		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0			70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0			68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0					70.3	0.95	73.1	0.80	74.7	0.70
40.0					68.4	0.90	71.2	0.80	72.4	0.70
42.0									70.1	0.70
Min. boom angle (°)	67		68		68		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0			74.9	1.55	78.9	1.15	82.2	0.90		
30.0			73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0					75.6	1.05	78.6	0.85	80.9	0.75
34.0					73.8	1.00	76.8	0.85	78.8	0.75
36.0							75.0	0.80	76.7	0.70
38.0									74.7	0.70
Min. boom angle (°)	72		72		73		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0			79.5	1.85	83.5	1.20				
24.0			78.0	1.75	82.0	1.20				
26.0					80.4	1.20	83.9	0.90		
28.0					78.9	1.15	82.2	0.90		
30.0							80.5	0.90	82.8	0.75
32.0							78.6	0.85	80.9	0.75
34.0									78.8	0.75
Min. boom angle (°)	76		77		78		78		78	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 9.2m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.3	5.20	70.5	5.20	71.9	4.90	72.7	4.40	73.1	3.75
26.0	67.5	5.05	68.6	5.15	69.9	4.55	70.7	4.20	71.0	3.75
28.0	65.2	3.85	66.6	4.25	67.8	4.20	68.6	3.90	68.9	3.70
30.0	63.0	2.85	64.1	3.20	65.3	3.90	66.5	3.65	66.8	3.55
32.0	60.8	2.00	62.0	2.30	63.1	2.85	64.0	3.05	64.5	3.25
34.0			59.4	1.55	60.8	1.95	61.6	2.15		
Min. boom angle (°)	59		59		59		59		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.2	4.70	70.5	5.15	71.9	4.90	72.7	4.40	73.1	3.75
26.0	66.9	3.55	68.2	3.90	69.9	4.40	70.7	4.20	71.0	3.75
28.0	64.5	2.55	66.0	2.90	67.5	3.30	68.6	3.65	68.9	3.70
30.0			63.5	1.95	64.7	2.40	66.1	2.65	66.5	2.80
32.0							63.4	1.75	63.9	1.85
Min. boom angle (°)	63		63		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	70.6	4.15	72.0	4.65	73.8	5.15	74.6	4.55	75.0	3.80
24.0	68.5	3.00	69.8	3.45	71.6	4.00	72.7	4.40	73.1	3.75
26.0					69.2	2.90	70.3	3.25	70.9	3.45
Min. boom angle (°)	68		68		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.3	4.80	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0			73.4	3.90	75.4	4.65	76.6	4.65	77.0	3.85
22.0							74.3	3.80	75.0	3.80
Min. boom angle (°)	72		72		73		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0			77.1	4.55	79.0	5.20	80.2	4.80	80.7	3.85
18.0							78.3	4.50	78.9	3.85
Min. boom angle (°)	76		76		77		77		77	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 15.0m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.5	4.00	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.8	3.65	68.8	3.15	70.7	2.55	72.2	2.25	73.0	1.90
32.0	64.6	2.80	67.0	3.00	68.9	2.45	70.3	2.20	70.9	1.90
34.0	62.6	2.05	65.2	2.65	67.1	2.40	68.4	2.15	68.8	1.90
36.0	60.4	1.40	62.8	1.95	65.0	2.30	66.3	2.10	66.6	1.90
38.0			60.7	1.30	62.8	1.80	64.2	2.05	64.4	1.90
40.0					60.4	1.20	61.6	1.45		
Min. boom angle (°)	59		60		60		60		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.3	3.30	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0	66.2	2.45	68.8	3.10	70.7	2.55	72.2	2.25	73.0	1.90
32.0			66.8	2.30	68.9	2.45	70.3	2.20	70.9	1.90
34.0			64.7	1.55	67.0	2.20	68.4	2.15	68.8	1.90
36.0					64.7	1.46	66.2	1.85	66.6	1.90
Min. boom angle (°)	64		64		64		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.5	3.70	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	69.5	2.75	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0			70.4	2.65	72.6	2.65	74.2	2.30	74.9	1.95
30.0					70.7	2.50	72.2	2.25	73.0	1.90
32.0							70.3	2.20	70.9	1.90
Min. boom angle (°)	68		69		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0			75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0					76.1	2.85	77.8	2.45	78.8	1.95
26.0							76.0	2.35	76.9	1.95
28.0									74.9	1.95
Min. boom angle (°)	73		74		74		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0			78.8	4.00	81.1	3.10	83.0	2.50		
20.0					79.5	3.10	81.3	2.50	82.5	1.95
22.0					77.8	3.00	79.6	2.50	80.7	1.95
24.0									78.8	1.95
Min. boom angle (°)	77		77		77		78		78	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 20.8m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	66.6	2.70	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	64.8	2.50	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0	63.0	2.15	66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0	61.1	1.55	64.6	1.75	67.6	1.45	69.5	1.30	70.3	1.10
40.0			62.7	1.65	65.8	1.40	67.5	1.25	68.1	1.10
42.0					63.4	1.35	65.5	1.25	65.9	1.10
44.0					61.4	1.20	63.4	1.20	63.5	1.10
Min. boom angle (°)	60		61		61		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	66.6	2.45	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0	64.5	1.75	68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0			66.8	1.85	69.4	1.50	71.4	1.30	72.3	1.10
38.0					67.6	1.45	69.5	1.30	70.3	1.10
40.0					65.8	1.40	67.5	1.25	68.1	1.10
42.0							65.5	1.25	65.9	1.10
44.0							65.5	1.25	65.9	1.10
Min. boom angle (°)	64		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.4	2.65	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0			71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0			70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0					71.1	1.55	73.3	1.35	74.4	1.15
36.0							71.4	1.30	72.3	1.10
Min. boom angle (°)	69		69		70		70		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0			76.5	2.55	79.4	1.95	81.9	1.50		
26.0			74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0					76.2	1.75	78.6	1.50	80.1	1.15
30.0					74.6	1.70	76.9	1.45	78.2	1.15
32.0							75.1	1.40	76.4	1.15
34.0									74.4	1.15
Min. boom angle (°)	74		74		74		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0			79.5	2.90	82.5	1.95				
22.0					81.0	1.95	83.5	1.50		
24.0					79.4	1.95	81.9	1.50		
26.0							80.3	1.50	81.9	1.15
28.0							78.6	1.50	80.1	1.15
Min. boom angle (°)	77		78		78		78		79	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 26.6m SL Jib										
Specification SC1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0	66.8	1.75	70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0	65.2	1.65	68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0	63.7	1.55	67.1	1.20	70.3	0.95	72.8	0.80	74.1	0.70
42.0			65.3	1.10	68.6	0.90	71.1	0.80	72.1	0.70
44.0			63.7	1.05	66.9	0.85	69.1	0.75	70.0	0.70
46.0					65.2	0.85	67.2	0.75	67.8	0.70
48.0					63.2	0.80	65.2	0.75	65.5	0.70
Min. boom angle (°)	62		62		62		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SC2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0	66.8	1.75	70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0			68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0			67.1	1.20	70.3	0.95	72.8	0.80	74.1	0.70
42.0					68.6	0.90	71.1	0.80	72.1	0.70
44.0					66.9	0.85	69.1	0.75	70.0	0.70
46.0							67.2	0.75	67.8	0.70
48.0										
Min. boom angle (°)	66		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SC3	Outriggers intermediately extended (6.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.90	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0			71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0					73.6	1.00	76.3	0.85	78.0	0.70
38.0					71.9	0.95	74.6	0.80	76.1	0.70
40.0							72.8	0.80	74.1	0.70
42.0									72.1	0.70
Min. boom angle (°)	69		71		71		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SC4	Outriggers intermediately extended (5.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0			77.5	1.65	81.1	1.15				
28.0					76.1	1.60	79.7	1.15	82.8	0.85
30.0					74.6	1.50	78.2	1.10	81.2	0.85
32.0							76.7	1.05	79.6	0.85
34.0									78.0	0.85
36.0									76.3	0.85
38.0										76.1
40.0										0.70
Min. boom angle (°)	74		74		75		75		75	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SC5	Outriggers intermediately extended (4.4m) over side, with 8.5ton counterweight mounted to crane									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0			81.6	1.85						
22.0			80.3	1.85	83.9	1.15				
24.0			78.9	1.75	82.5	1.15				
26.0					81.1	1.15				
28.0					79.7	1.15	82.8	0.85		
30.0							81.2	0.85	83.4	0.75
32.0							79.6	0.85	81.6	0.75
34.0									79.8	0.75
Min. boom angle (°)	78		78		79		79		79	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 9.2m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.85	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.3	4.30	65.7	4.75	67.3	4.40	68.4	4.10	68.9	3.75
26.0	61.4	3.05	63.0	3.45	64.8	3.95	65.8	3.75	66.2	3.65
28.0			60.2	2.40	62.0	2.80	63.1	3.10	63.5	3.20
30.0							60.0	2.10		
Min. boom angle (°)	59		59		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.75	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.9	5.85	68.1	5.40	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.3	4.30	65.7	4.75	67.3	4.40	68.4	4.10	68.9	3.75
26.0	61.4	3.05	63.0	3.45	64.8	3.95	65.8	3.75	66.2	3.65
28.0			60.2	2.40	62.0	2.80	63.1	3.10	63.5	3.20
30.0							60.0	2.10		
Min. boom angle (°)	59		59		59		59		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	68.9	5.35	70.4	5.85	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.3	3.85	67.9	4.30	69.7	4.85	70.9	4.40	71.3	3.75
24.0	63.7	2.60	65.2	3.05	67.0	3.60	68.4	3.95	68.9	3.75
26.0							65.4	2.80	65.9	2.95
Min. boom angle (°)	63		63		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.1	6.20	74.9	6.80	76.5	5.60	77.8	4.80	78.6	3.90
18.0	70.4	4.40	72.1	5.00	74.3	5.35	75.5	4.65	76.2	3.85
20.0			69.6	3.50	71.7	4.20	73.2	4.50	73.9	3.80
22.0							70.4	3.35	71.3	3.60
Min. boom angle (°)	69		69		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 15.0m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.5	2.95	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	60.9	2.10	64.0	2.75	66.3	2.40	68.1	2.15	68.8	1.90
32.0					64.0	2.35	65.6	2.10	66.2	1.90
34.0							63.1	2.10	63.5	1.90
Min. boom angle (°)	60		61		61		61		61	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.7	4.00	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0	63.5	2.95	66.2	3.05	68.6	2.50	70.5	2.25	71.4	1.90
30.0	60.9	2.10	64.0	2.75	66.3	2.40	68.1	2.15	68.8	1.90
32.0					64.0	2.35	65.6	2.10	66.2	1.90
34.0							63.1	2.10	63.5	1.90
Min. boom angle (°)	60		61		61		61		61	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.5	3.50	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0			68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0			65.9	2.30	68.6	2.50	70.5	2.25	71.4	1.90
30.0					66.2	2.15	68.1	2.15	68.7	1.90
32.0							65.5	1.80	66.2	1.90
Min. boom angle (°)	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.4	3.70	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0			72.5	3.55	75.1	2.85	77.2	2.45	78.5	2.00
24.0					72.9	2.75	75.0	2.35	76.2	1.95
26.0					70.8	2.40	72.7	2.30	73.8	1.95
28.0									71.4	1.90
Min. boom angle (°)	70		70		70		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 20.8m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.25	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0			64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0			61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0					62.8	1.35	64.9	1.25	65.5	1.10
40.0									62.8	1.10
Min. boom angle (°)	61		61		62		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.7	2.55	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0	62.7	2.25	66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0			64.0	1.80	67.3	1.50	69.6	1.30	70.8	1.15
36.0			61.9	1.70	65.0	1.40	67.4	1.30	68.2	1.15
38.0					62.8	1.35	64.9	1.25	65.5	1.10
40.0									62.8	1.10
Min. boom angle (°)	61		61		62		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.5	2.50	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0			68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0					69.3	1.55	71.8	1.35	73.2	1.15
34.0					67.3	1.50	69.6	1.30	70.8	1.15
36.0							67.4	1.30	68.2	1.15
Min. boom angle (°)	65		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0			73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0			71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0					73.4	1.70	76.2	1.45	77.9	1.20
30.0							74.1	1.40	75.7	1.15
32.0								73.2	73.2	1.15
Min. boom angle (°)	70		71		71		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SB

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 26.6m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0			64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0					66.5	0.90	69.2	0.80	70.6	0.70
42.0					64.3	0.85	66.9	0.75	67.9	0.70
44.0							64.6	0.75	65.2	0.70
Min. boom angle (°)	62		63		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0	64.3	1.65	68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0	62.5	1.55	66.4	1.20	70.4	0.95	73.5	0.80	75.4	0.70
38.0			64.5	1.15	68.6	0.95	71.4	0.80	73.0	0.70
40.0					66.5	0.90	69.2	0.80	70.6	0.70
42.0					64.3	0.85	66.9	0.75	67.9	0.70
44.0							64.6	0.75	65.2	0.70
Min. boom angle (°)	62		63		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0			70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0			68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0					70.4	0.95	73.5	0.80	75.4	0.70
38.0					68.6	0.95	71.4	0.80	73.0	0.70
40.0							69.2	0.80	70.6	0.70
Min. boom angle (°)	66		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0			75.3	1.60	79.7	1.20	83.3	0.90		
28.0			73.6	1.50	77.9	1.15	81.5	0.90		
30.0					76.0	1.10	79.6	0.90	82.1	0.75
32.0					74.2	1.05	77.6	0.85	80.0	0.75
34.0					72.4	1.00	75.6	0.85	77.7	0.75
36.0							73.5	0.80	75.4	0.70
38.0									73.0	0.70
Min. boom angle (°)	71		72		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 9.2m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.8	4.55	68.3	5.00	69.8	4.85	70.7	4.35	71.1	3.75
26.0	64.3	3.30	65.7	3.70	67.5	4.20	68.5	4.25	68.8	3.75
28.0			62.9	2.60	64.9	3.05	66.0	3.35	66.5	3.45
30.0							63.3	2.30	63.5	2.40
Min. boom angle (°)	62		62		62		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	69.2	6.00	70.5	6.00	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.8	4.55	68.3	5.00	69.8	4.85	70.7	4.35	71.1	3.75
26.0	64.3	3.30	65.7	3.70	67.5	4.20	68.5	4.25	68.8	3.75
28.0			62.9	2.60	64.9	3.05	66.0	3.35	66.5	3.45
30.0							63.3	2.30	63.5	2.40
Min. boom angle (°)	62		62		62		62		62	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	70.9	5.40	72.4	5.95	73.9	5.25	75.0	4.60	75.5	3.80
22.0	68.6	4.00	70.0	4.45	71.8	5.05	72.8	4.45	73.3	3.80
24.0			67.6	3.25	69.4	3.80	70.7	4.20	71.1	3.75
26.0					66.8	2.65	68.1	3.00	68.6	3.20
Min. boom angle (°)	66		66		66		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.2	4.45	73.9	5.05	76.0	5.50	77.1	4.75	77.6	3.85
20.0			71.5	3.55	73.5	4.25	75.0	4.60	75.5	3.80
22.0									73.3	3.75
Min. boom angle (°)	71		71		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SB

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 15.0m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	65.9	3.10	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	63.7	2.25	66.5	2.90	68.7	2.50	70.3	2.20	71.1	1.90
32.0					66.6	2.40	68.1	2.15	68.7	1.90
34.0							65.9	2.10	66.3	1.90
Min. boom angle (°)	63		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	68.0	4.00	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0	65.9	3.10	68.5	3.15	70.7	2.60	72.4	2.25	73.2	1.90
30.0	63.7	2.25	66.5	2.90	68.7	2.50	70.3	2.20	71.1	1.90
32.0					66.6	2.40	68.1	2.15	68.7	1.90
34.0							65.9	2.10	66.3	1.90
Min. boom angle (°)	63		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	3.60	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0			70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0					70.7	2.60	72.4	2.25	73.2	1.90
30.0					68.6	2.30	70.3	2.20	71.1	1.90
32.0									68.7	1.90
Min. boom angle (°)	67		68		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.0	3.75	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0			74.2	3.60	76.6	2.95	78.4	2.50	79.7	2.00
24.0					74.6	2.80	76.5	2.40	77.6	1.95
26.0					72.7	2.50	74.5	2.35	75.5	1.95
Min. boom angle (°)	72		72		72		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 20.8m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.35	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0			66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0			64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0							67.3	1.25	68.1	1.10
40.0									65.6	1.10
Min. boom angle (°)	64		64		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0	66.9	2.70	70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0	65.1	2.35	68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0			66.2	1.85	69.3	1.50	71.6	1.35	72.7	1.15
36.0			64.5	1.80	67.4	1.45	69.4	1.30	70.4	1.10
38.0							67.3	1.25	68.1	1.10
40.0									65.6	1.10
Min. boom angle (°)	64		64		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0			71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0			70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0					71.2	1.60	73.5	1.35	74.9	1.15
34.0							71.6	1.35	72.7	1.15
36.0									70.4	1.10
Min. boom angle (°)	68		68		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.40	76.9	2.65	80.1	1.95	82.9	1.50		
24.0			75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0			73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0					74.9	1.75	77.4	1.45	79.1	1.20
30.0							75.5	1.40	77.0	1.15
32.0							73.5	1.35	74.9	1.15
Min. boom angle (°)	72		73		73		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 26.6m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0			68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0			66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0					68.4	0.90	71.2	0.80	72.4	0.70
42.0					66.7	0.90	69.2	0.80	70.1	0.70
44.0							67.0	0.75	67.7	0.70
Min. boom angle (°)	65		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0	68.0	1.85	71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0	66.3	1.75	70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0			68.4	1.25	72.1	1.00	75.0	0.80	76.7	0.70
38.0			66.6	1.20	70.3	0.95	73.1	0.80	74.7	0.70
40.0					68.4	0.90	71.2	0.80	72.4	0.70
42.0					66.7	0.90	69.2	0.80	70.1	0.70
44.0							67.0	0.75	67.7	0.70
Min. boom angle (°)	65		66		66		66		66	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0			71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0					73.8	1.00	76.8	0.85	78.8	0.75
36.0					72.1	1.00	75.0	0.80	76.7	0.70
38.0							73.1	0.80	74.7	0.70
40.0							71.2	0.80	72.4	0.70
Min. boom angle (°)	69		70		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0			76.4	1.65	80.4	1.20	83.9	0.90		
28.0			74.9	1.55	78.9	1.15	82.2	0.90		
30.0					77.3	1.10	80.5	0.90	82.8	0.75
32.0					75.6	1.05	78.6	0.85	80.9	0.75
34.0							76.8	0.85	78.8	0.75
36.0							75.0	0.80	76.7	0.70
38.0									74.7	0.70
Min. boom angle (°)	73		73		74		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 9.2m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.2	4.70	70.5	5.15	71.9	4.90	72.7	4.40	73.1	3.75
26.0	66.9	3.45	68.2	3.85	69.9	4.35	70.7	4.20	71.0	3.75
28.0			66.0	2.75	67.5	3.20	68.5	3.55	68.9	3.70
30.0							66.1	2.50	66.5	2.65
Min. boom angle [°]	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	71.0	5.20	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	69.1	4.70	70.5	5.15	71.9	4.90	72.7	4.40	73.1	3.75
26.0	66.9	3.45	68.2	3.85	69.9	4.35	70.7	4.20	71.0	3.75
28.0			66.0	2.75	67.5	3.20	68.5	3.55	68.9	3.70
30.0							66.1	2.50	66.5	2.65
Min. boom angle [°]	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	70.5	4.00	72.0	4.50	73.8	5.15	74.6	4.55	75.0	3.80
24.0			69.7	3.30	71.4	3.85	72.7	4.30	73.1	3.75
26.0							70.3	3.15	70.9	3.35
Min. boom angle [°]	69		69		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.1	4.40	75.6	5.00	77.3	5.20	78.4	4.80	78.9	3.85
20.0					75.2	4.25	76.6	4.65	77.0	3.85
22.0							74.1	3.45	75.0	3.80
Min. boom angle [°]	73		73		73		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SB

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 15.0m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.3	3.25	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0			68.8	3.05	70.7	2.55	72.2	2.25	73.0	1.90
32.0					68.9	2.45	70.3	2.20	70.9	1.90
34.0							68.4	2.15	68.8	1.90
Min. boom angle (°)	66		67		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	70.0	4.00	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0	68.3	3.25	70.6	3.30	72.6	2.65	74.2	2.30	74.9	1.95
30.0			68.8	3.05	70.7	2.55	72.2	2.25	73.0	1.90
32.0					68.9	2.45	70.3	2.20	70.9	1.90
34.0							68.4	2.15	68.8	1.90
Min. boom angle (°)	66		67		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.5	3.65	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0			72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0					72.6	2.65	74.2	2.30	74.9	1.95
30.0					70.7	2.50	72.2	2.25	73.0	1.90
Min. boom angle (°)	70		70		70		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.5	3.75	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0			75.4	3.60	77.8	3.00	79.6	2.50	80.7	1.95
24.0					76.1	2.85	77.8	2.45	78.8	1.95
26.0					74.4	2.55	76.0	2.35	76.9	1.95
28.0									74.9	1.95
Min. boom angle (°)	73		74		74		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 20.8m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	66.5	2.50	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0			68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0					69.4	1.50	71.4	1.30	72.3	1.10
38.0							69.5	1.30	70.3	1.10
Min. boom angle (°)	66		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0	69.0	2.85	71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0	66.5	2.50	70.1	2.05	72.9	1.60	75.1	1.40	76.4	1.15
34.0			68.4	1.95	71.1	1.55	73.3	1.35	74.4	1.15
36.0					69.4	1.50	71.4	1.30	72.3	1.10
38.0							69.5	1.30	70.3	1.10
Min. boom angle (°)	66		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0			73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0			71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0					72.9	1.60	75.1	1.40	76.4	1.15
34.0							73.3	1.35	74.4	1.15
36.0									72.3	1.10
Min. boom angle (°)	70		70		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0			73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0			71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0					72.9	1.60	75.1	1.40	76.4	1.15
34.0							73.3	1.35	74.4	1.15
36.0									72.3	1.10
Min. boom angle (°)	70		71		71		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SB

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 26.6m SL Jib										
Specification SD1	Outriggers fully extended (8.4m) 360° full range, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0			70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0			68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0					70.3	0.95	72.8	0.80	74.1	0.70
42.0							71.1	0.80	72.1	0.70
44.0									70.0	0.70
Min. boom angle (°)	67		68		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SD2	Outriggers intermediately extended (7.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0	69.8	1.95	73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0	68.3	1.85	71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0			70.2	1.30	73.6	1.00	76.3	0.85	78.0	0.70
38.0			68.6	1.25	71.9	0.95	74.6	0.80	76.1	0.70
40.0					70.3	0.95	72.8	0.80	74.1	0.70
42.0							71.1	0.80	72.1	0.70
44.0									70.0	0.70
Min. boom angle (°)	67		68		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SD3	Outriggers intermediately extended (6.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0			74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0			73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0					75.2	1.05	78.0	0.85	79.8	0.75
36.0					73.6	1.00	76.3	0.85	78.0	0.70
38.0							74.6	0.80	76.1	0.70
40.0							72.8	0.80	74.1	0.70
Min. boom angle (°)	71		72		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SD4	Outriggers intermediately extended (5.4m) over side, with 24ton or 16ton counterweight stowed in carrier									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0			77.5	1.65	81.1	1.15				
28.0					76.1	1.60	79.7	1.15	82.8	0.85
30.0							78.2	1.10	81.2	0.85
32.0							76.7	1.05	79.6	0.85
34.0									78.0	0.85
36.0										78.0
Min. boom angle (°)	74		75		75		77		77	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 9.2m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.3	7.00	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	69.2	6.40	70.5	6.05	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.6	4.70	68.1	5.20	69.7	4.85	70.9	4.40	71.3	3.75
24.0	64.0	3.30	65.5	3.75	67.3	4.30	68.4	4.10	68.9	3.75
26.0			62.7	2.55	64.6	3.05	65.8	3.40	66.2	3.55
Min. boom angle (°)	62		62		63		63		63	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 9.2m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.3	7.00								
8.0	81.3	7.00	82.9	7.00						
9.0	80.4	7.00	81.9	7.00						
10.0	79.4	7.00	80.8	7.00	82.8	5.90				
12.0	77.4	7.00	78.9	7.00	80.7	5.90	82.2	4.80		
14.0	75.4	7.00	76.9	7.00	78.6	5.90	80.0	4.80	80.9	3.90
16.0	73.4	7.00	74.9	7.00	76.5	5.60	77.8	4.80	78.6	3.90
18.0	71.2	6.50	72.8	6.60	74.3	5.35	75.5	4.65	76.2	3.85
20.0	68.8	4.80	70.3	5.35	72.1	5.10	73.2	4.50	73.9	3.80
22.0	66.2	3.40	67.7	3.90	69.6	4.50	70.9	4.40	71.3	3.75
24.0					66.9	3.15	68.3	3.55	68.9	3.75
26.0									65.9	2.55
Min. boom angle (°)	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (15.0m SL Jib)

44m Boom + 15.0m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.7	4.00	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0	65.4	3.10	68.3	3.20	70.8	2.60	72.7	2.30	73.8	1.95
28.0			66.2	2.90	68.6	2.50	70.5	2.25	71.4	1.90
30.0					66.3	2.40	68.1	2.15	68.8	1.90
32.0							65.6	2.10	66.2	1.90
Min. boom angle (°)	64		64		64		64		64	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 15.0m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.4	4.00								
9.0	81.5	4.00								
10.0	80.6	4.00								
12.0	78.8	4.00	81.9	4.00						
14.0	77.0	4.00	80.1	4.00	83.0	3.15				
16.0	75.3	4.00	78.3	4.00	81.1	3.15	83.4	2.55		
18.0	73.4	4.00	76.4	4.00	79.2	3.15	81.4	2.55	83.1	2.00
20.0	71.6	4.00	74.4	3.85	77.1	3.00	79.3	2.55	80.8	2.00
22.0	69.7	4.00	72.5	3.60	75.1	2.85	77.2	2.45	78.5	2.00
24.0	67.4	3.05	70.4	3.40	72.9	2.75	75.0	2.35	76.2	1.95
26.0					68.2	2.90	70.8	2.60	72.7	2.30
28.0							68.6	2.50	70.5	2.25
30.0									68.1	2.15
32.0										67
Min. boom angle (°)	66		67		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (20.8m SL Jib)

44m Boom + 20.8m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0	66.6	2.75	69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0	64.5	2.20	68.0	2.00	71.4	1.60	74.1	1.40	75.7	1.15
32.0			66.0	1.90	69.3	1.55	71.8	1.35	73.2	1.15
34.0					67.3	1.50	69.6	1.30	70.8	1.15
36.0							67.4	1.30	68.2	1.15
38.0									65.5	1.10
Min. boom angle (°)	64		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 20.8m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.6	3.75								
10.0	81.8	3.75								
12.0	80.3	3.75								
14.0	78.7	3.75	82.4	2.90						
16.0	77.1	3.75	80.8	2.90						
18.0	75.5	3.75	79.1	2.90	82.7	1.95				
20.0	73.9	3.75	77.3	2.75	81.0	1.95				
22.0	72.1	3.45	75.5	2.55	79.2	1.95	82.2	1.50		
24.0	70.3	3.20	73.7	2.40	77.3	1.85	80.3	1.50	82.4	1.20
26.0	68.5	2.95	71.8	2.25	75.3	1.75	78.2	1.50	80.1	1.20
28.0			69.9	2.10	73.4	1.70	76.2	1.45	77.9	1.20
30.0					68.0	2.00	71.4	1.60	74.1	1.40
32.0							69.3	1.55	71.8	1.35
34.0									69.6	1.30
36.0										70.8
38.0										71.5
Min. boom angle (°)	67		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

44m Boom + 26.6m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0	67.8	1.90	71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0	66.0	1.75	70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0			68.2	1.25	72.4	1.00	75.6	0.85	77.7	0.75
36.0					70.4	0.95	73.5	0.80	75.4	0.70
38.0					68.6	0.95	71.4	0.80	73.0	0.70
40.0							69.2	0.80	70.6	0.70
42.0									67.9	0.70
Min. boom angle (°)	65		66		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

44m Boom + 26.6m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.6	2.20								
12.0	81.3	2.20								
14.0	79.8	2.20								
16.0	78.5	2.20	83.2	1.90						
18.0	77.0	2.20	81.7	1.90						
20.0	75.6	2.20	80.1	1.90						
22.0	74.1	2.20	78.6	1.80	83.0	1.20				
24.0	72.6	2.20	77.0	1.70	81.3	1.20				
26.0	71.2	2.20	75.3	1.60	79.7	1.20	83.3	0.90		
28.0	69.5	2.05	73.6	1.50	77.9	1.15	81.5	0.90		
30.0			71.8	1.40	76.0	1.10	79.6	0.90	82.1	0.75
32.0			70.1	1.35	74.2	1.05	77.6	0.85	80.0	0.75
34.0					72.4	1.00	75.6	0.85	77.7	0.75
36.0					70.4	0.95	73.5	0.80	75.4	0.70
38.0							71.4	0.80	73.0	0.70
40.0									70.6	0.70
Min. boom angle (°)	68		69		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (9.2m SL Jib)

48m Boom + 9.2m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	68.8	4.85	70.3	5.35	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.4	3.50	67.8	3.95	69.7	4.55	70.7	4.35	71.1	3.75
26.0					67.1	3.25	68.3	3.60	68.8	3.75
28.0							65.7	2.50	66.1	2.60
Min. boom angle (°)	65		65		65		65		65	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 9.2m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
7.0	82.9	6.00								
8.0	81.9	6.00								
9.0	81.1	6.00	82.5	6.00						
10.0	80.2	6.00	81.6	6.00						
12.0	78.4	6.00	79.8	6.00	81.7	5.90	82.9	4.80		
14.0	76.7	6.00	78.0	6.00	79.8	5.90	81.0	4.80	81.8	3.85
16.0	74.9	6.00	76.2	6.00	77.9	5.75	79.1	4.80	79.7	3.85
18.0	72.9	6.00	74.3	6.00	76.0	5.50	77.1	4.75	77.6	3.85
20.0	71.1	6.00	72.4	6.00	73.9	5.25	75.0	4.60	75.5	3.80
22.0	68.8	4.85	70.3	5.35	71.8	5.05	72.8	4.45	73.3	3.80
24.0	66.4	3.45	69.8	3.95	71.7	4.60	72.8	4.45	73.3	3.80
26.0					69.3	3.35	70.5	3.75	71.1	3.75
28.0									68.5	2.80
Min. boom angle (°)	68		68		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (15.0m SL Jib)

48m Boom + 15.0m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0	67.7	3.25	70.4	3.35	72.7	2.70	74.5	2.35	75.5	1.95
28.0			68.5	3.05	70.7	2.60	72.4	2.25	73.2	1.90
30.0					68.7	2.50	70.3	2.20	71.1	1.90
32.0							68.1	2.15	68.7	1.90
Min. boom angle (°)	66		67		67		67		67	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 15.0m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	83.0	4.00								
9.0	82.2	4.00								
10.0	81.4	4.00								
12.0	79.8	4.00	82.7	4.00						
14.0	78.2	4.00	81.0	4.00	83.6	3.15				
16.0	76.5	4.00	79.4	4.00	81.9	3.15				
18.0	74.9	4.00	77.7	4.00	80.2	3.15	82.3	2.50		
20.0	73.2	4.00	75.9	3.95	78.4	3.05	80.4	2.50	81.7	2.00
22.0	71.5	4.00	74.2	3.75	76.6	2.95	78.4	2.50	79.7	2.00
24.0	69.8	4.00	72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
26.0			72.3	3.50	74.6	2.80	76.5	2.40	77.6	1.95
28.0			70.2	3.00	72.7	2.70	74.5	2.35	75.5	1.95
30.0					70.7	2.60	72.4	2.25	73.2	1.90
Min. boom angle (°)	69		69		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									



Based on ISO 4305 / Not exceed 75% of static tipping loads

48m Boom + 20.8m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	3.10	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0	68.6	2.90	71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0			70.0	2.10	73.1	1.65	75.5	1.40	77.0	1.15
32.0			68.1	1.95	71.2	1.60	73.5	1.35	74.9	1.15
34.0					69.3	1.50	71.6	1.35	72.7	1.15
36.0							69.4	1.30	70.4	1.10
Min. boom angle (°)	67		67		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 20.8m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	83.1	3.50								
10.0	82.3	3.50								
12.0	80.9	3.50								
14.0	79.5	3.50	83.1	2.90						
16.0	78.0	3.50	81.6	2.90						
18.0	76.6	3.50	80.0	2.90	83.4	1.95				
20.0	75.1	3.50	78.4	2.80	81.8	1.95				
22.0	73.7	3.50	76.9	2.65	80.1	1.95	82.9	1.50		
24.0	72.0	3.35	75.2	2.50	78.4	1.90	81.1	1.50	83.0	1.20
26.0	70.4	2.95	73.4	2.35	76.6	1.80	79.3	1.50	81.2	1.20
28.0			71.7	2.20	74.9	1.75	77.4	1.45	79.1	1.20
30.0							73.1	1.65	75.5	1.40
32.0							71.2	1.60	73.5	1.35
34.0									71.6	1.35
36.0										
Min. boom angle (°)	69		70		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (26.6m SL Jib)

48m Boom + 26.6m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0	69.6	2.00	73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0			71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0			70.0	1.30	73.8	1.00	76.8	0.85	78.8	0.75
36.0					72.1	1.00	75.0	0.80	76.7	0.70
38.0					70.3	0.95	73.1	0.80	74.7	0.70
40.0							71.2	0.80	72.4	0.70
42.0									70.1	0.70
Min. boom angle (°)	68		68		69		69		69	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

48m Boom + 26.6m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	83.1	2.10								
12.0	81.8	2.10								
14.0	80.5	2.10								
16.0	79.2	2.10	83.7	1.85						
18.0	77.9	2.10	82.3	1.85						
20.0	76.5	2.10	80.8	1.85						
22.0	75.2	2.10	79.5	1.85	83.5	1.20				
24.0	73.9	2.10	78.0	1.75	82.0	1.20				
26.0	72.4	2.10	76.4	1.65	80.4	1.20	83.9	0.90		
28.0	71.1	2.10	74.9	1.55	78.9	1.15	82.2	0.90		
30.0			73.3	1.45	77.3	1.10	80.5	0.90	82.8	0.75
32.0			71.7	1.40	75.6	1.05	78.6	0.85	80.9	0.75
34.0					73.8	1.00	76.8	0.85	78.8	0.75
36.0							75.0	0.80	76.7	0.70
38.0							73.1	0.80	74.7	0.70
40.0										
42.0										
Min. boom angle (°)	70		71		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (9.2m SL Jib)

52m Boom + 9.2m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.7	5.20	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0	70.8	4.85	72.2	5.20	73.8	5.15	74.6	4.55	75.0	3.80
24.0	68.6	3.55	70.0	4.00	71.7	4.60	72.7	4.40	73.1	3.75
26.0					69.4	3.40	70.6	3.80	71.0	3.75
28.0									68.5	2.85
Min. boom angle (°)	68		68		68		68		68	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 9.2m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	5°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
8.0	82.5	5.20								
9.0	81.7	5.20								
10.0	80.9	5.20	82.2	5.20						
12.0	79.3	5.20	80.6	5.20	82.3	5.20				
14.0	77.7	5.20	79.0	5.20	80.7	5.20	81.9	4.80	82.5	3.85
16.0	76.0	5.20	77.3	5.20	79.0	5.20	80.2	4.80	80.7	3.85
18.0	74.4	5.20	75.6	5.20	77.3	5.20	78.4	4.80	78.9	3.85
20.0	72.6	4.85	73.9	5.20	75.6	5.20	76.6	4.65	77.0	3.85
22.0					71.8	4.00	73.6	4.65	74.6	4.55
24.0							71.2	3.40	72.5	3.85
26.0									73.1	3.75
28.0										
Min. boom angle (°)	70		70		70		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

SA

SB

SC

SD

SE

44.0m Boom

48.0m Boom

52.0m Boom

Based on ISO 4305 / Not exceed 75% of static tipping loads

52m Boom + 15.0m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0	71.6	4.00	74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0	69.6	3.20	72.3	3.45	74.4	2.75	76.0	2.35	76.9	1.95
28.0			70.5	3.10	72.6	2.65	74.2	2.30	74.9	1.95
30.0					70.7	2.55	72.2	2.25	73.0	1.90
32.0									70.9	1.90
Min. boom angle (°)	69		69		70		70		70	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 15.0m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
9.0	82.8	4.00								
10.0	82.1	4.00								
12.0	80.6	4.00	83.3	4.00						
14.0	79.1	4.00	81.8	4.00						
16.0	77.7	4.00	80.3	4.00	82.6	3.10				
18.0	76.2	4.00	78.8	4.00	81.1	3.10	83.0	2.50		
20.0	74.7	4.00	77.3	4.00	79.5	3.10	81.3	2.50	82.5	1.95
22.0	73.2	4.00	75.6	3.85	77.8	3.00	79.6	2.50	80.7	1.95
24.0			74.0	3.65	76.1	2.85	77.8	2.45	78.8	1.95
26.0					72.1	3.05	74.4	2.75	76.0	2.35
28.0							72.6	2.65	74.2	2.30
30.0									73.0	1.90
32.0										
Min. boom angle (°)	71		71		72		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (20.8m SL Jib)

52m Boom + 20.8m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	3.00	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0	70.5	3.00	73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0			71.7	2.15	74.6	1.70	76.9	1.45	78.2	1.15
32.0					72.9	1.60	75.1	1.40	76.4	1.15
34.0					71.1	1.55	73.3	1.35	74.4	1.15
36.0									72.3	1.10
Min. boom angle (°)	69		70		70		71		71	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 20.8m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
10.0	82.7	3.00								
12.0	81.4	3.00								
14.0	80.1	3.00	83.6	2.90						
16.0	78.8	3.00	82.3	2.90						
18.0	77.5	3.00	80.9	2.90						
20.0	76.1	3.00	79.5	2.90	82.5	1.95				
22.0	74.7	3.00	78.0	2.70	81.0	1.95	83.5	1.50		
24.0	73.3	3.00	76.5	2.55	79.4	1.95	81.9	1.50		
26.0	71.9	2.95	74.9	2.40	77.9	1.85	80.3	1.50	81.9	1.15
28.0			73.4	2.30	76.2	1.75	78.6	1.50	80.1	1.15
30.0					74.6	1.70	76.9	1.45	78.2	1.15
32.0					72.9	1.60	75.1	1.40	76.4	1.15
34.0									74.4	1.15
36.0										
Min. boom angle (°)	71		72		72		73		73	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

LIFTING CAPACITIES (26.6m SL Jib)

52m Boom + 26.6m SL Jib										
Specification SE1	Outriggers fully extended (8.4m) 360° full range, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0	72.4	2.00	76.1	1.60	79.7	1.15	82.8	0.85		
30.0	71.1	2.00	74.6	1.50	78.2	1.10	81.2	0.85	83.4	0.75
32.0			73.2	1.45	76.7	1.05	79.6	0.85	81.6	0.75
34.0			71.7	1.35	75.2	1.05	78.0	0.85	79.8	0.75
36.0					73.6	1.00	76.3	0.85	78.0	0.70
38.0					71.9	0.95	74.6	0.80	76.1	0.70
40.0							72.8	0.80	74.1	0.70
Min. boom angle (°)	70		71		71		72		72	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									

52m Boom + 26.6m SL Jib										
Specification SE2	Outriggers intermediately extended (7.4m) over side, with 8.5ton counterweight stowed in carrier or without counterweight									
Offset	2°		15°		30°		45°		60°	
Working radius (m)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)	Boom angle (°)	Load (ton)
12.0	82.2	2.00								
14.0	81.1	2.00								
16.0	79.9	2.00	84.1	1.85						
18.0	78.7	2.00	82.8	1.85						
20.0	77.5	2.00	81.6	1.85						
22.0	76.2	2.00	80.3	1.85	83.9	1.15				
24.0	75.0	2.00	78.9	1.75	82.5	1.15				
26.0	73.7	2.00	77.5	1.65	81.1	1.15				
28.0					76.1	1.60	79.7	1.15	82.8	0.85
30.0					74.6	1.50	78.2	1.10	81.2	0.85
32.0							76.7	1.05	79.6	0.85
34.0							75.2	1.05	78.0	0.85
36.0									76.3	0.85
38.0									74.6	0.80
40.0									76.1	0.70
Min. boom angle (°)	72		73		74		74		74	
Standard hook	for 7.8 ton									
Hook mass	250kg									
Parts of line	1									