

SL Jib Lifting Capacity Chart



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SA

40m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.1	24.0										
7.0	83.2	24.0										
8.0	82.2	24.0	84.2	24.0								
9.0	81.2	24.0	83.1	24.0								
10.0	80.2	24.0	82.1	24.0	84.9	24.0						
11.0	79.2	24.0	81.1	24.0	83.8	24.0						
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6				
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7		
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4		
18.0	72.0	24.0	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2		
20.0	69.8	24.0	71.6	24.0	73.7	22.3	75.2	20.2	76.2	19.3		
22.0	67.6	24.0	69.3	23.4	71.3	20.7	72.6	19.1	73.6	18.5		
24.0	65.2	23.3	66.8	21.7	68.8	19.4	70.0	18.2	70.7	17.7		
26.0	62.6	20.8	64.4	20.0	66.2	18.3	67.4	17.3	67.8	17.0		
28.0	60.0	18.0	61.8	18.3	63.5	17.4	64.7	16.5	64.7	16.4		
30.0	57.4	16.4	59.2	16.4	60.7	16.5	61.9	15.8				
32.0	54.5	14.8	56.3	14.9	57.8	15.0	58.9	15.0				
34.0	51.5	12.9	53.3	13.4	54.7	13.5	55.5	13.5				
36.0	48.3	10.9	50.1	11.5	51.4	12.0	52.0	12.1				
38.0	45.0	9.2	46.8	9.7	48.0	10.1	48.1	10.3				
40.0	41.5	7.7	43.1	8.0	44.2	8.4						
42.0	37.7	6.3	39.1	6.6	40.0	6.8						
44.0	33.5	5.0	34.7	5.2	35.3	5.4						
46.0	28.7	3.8	29.7	4.0								
48.0	22.8	2.8	23.4	2.9								
Critical boom angle(°)		18		18		32		47		62.5		
Standard hook		24t		24t		24t		24t		24t		
Hook mass(ton)		0.88		0.88		0.88		0.88		0.88		
Parts of line		2		2		2		2		2		

Specification SA

40m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
5.0	84.3	12.0										
6.0	83.4	12.0										
7.0	82.5	12.0										
8.0	81.6	12.0										
9.0	80.6	12.0	84.6	12.0								
10.0	79.7	12.0	83.6	12.0								
11.0	78.7	12.0	82.6	12.0								
12.0	77.8	12.0	81.5	12.0								
14.0	75.9	12.0	79.5	12.0	83.0	12.0						
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0				
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0		
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0		
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0		
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0		
26.0	63.6	12.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0		
28.0	61.4	12.0	65.0	12.0	67.7	12.0	69.9	12.0	70.7	12.0		
30.0	59.1	12.0	62.7	12.0	65.3	12.0	67.4	12.0	67.8	12.0		
32.0	56.8	12.0	60.3	12.0	62.9	12.0	64.7	12.0	64.8	12.0		
34.0	54.4	12.0	57.8	12.0	60.4	12.0	61.9	11.9				
36.0	51.9	12.0	55.2	12.0	57.7	12.0	58.9	11.4				
38.0	49.0	10.6	52.3	11.6	54.8	11.4	55.8	11.0				
40.0	46.1	9.0	49.3	10.0	51.8	10.7	52.5	10.6				
42.0	43.0	7.6	46.2	8.5	48.5	9.1	48.9	9.3				
44.0	39.7	6.4	42.7	7.1	44.8	7.6						
46.0	36.1	5.2	39.1	5.8	40.7	6.2						
48.0	32.3	4.2	35.0	4.7	36.0	4.9						
50.0	27.9	3.2	30.3	3.6								
52.0	22.6	2.3	24.6	2.6								
Critical boom angle(°)		18		18		32		47		62.5		
Standard hook		for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)		0.42		0.42		0.42		0.42		0.42		
Parts of line		1		1		1		1		1		



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SA

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0								
7.0	83.3	12.0								
8.0	82.5	12.0								
9.0	81.6	12.0								
10.0	80.8	12.0								
11.0	80.0	12.0	84.5	12.0						
12.0	79.1	12.0	83.7	12.0						
14.0	77.4	12.0	81.9	12.0						
16.0	75.7	12.0	80.2	12.0	84.4	12.0				
18.0	73.9	12.0	78.4	12.0	82.6	12.0				
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6		
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2
24.0	68.4	12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0
26.0	66.5	12.0	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8
28.0	64.6	12.0	68.8	12.0	72.7	11.1	75.4	10.3	77.0	9.7
30.0	62.6	12.0	66.8	11.4	70.6	10.7	73.1	10.1	74.5	9.6
32.0	60.5	11.4	64.6	10.9	68.4	10.3	70.7	9.9	71.9	9.6
34.0	58.3	10.7	62.4	10.4	66.1	10.0	68.3	9.7	69.2	9.5
36.0	56.1	10.2	60.2	10.0	63.7	9.6	65.7	9.4	66.5	9.1
38.0	53.8	9.6	57.9	9.6	61.2	9.3	63.1	9.0	63.6	8.8
40.0	51.4	9.1	55.5	9.2	58.6	9.1	60.3	8.7		
42.0	48.8	8.3	52.8	8.8	55.8	8.7	57.2	8.3		
44.0	46.0	7.7	50.1	8.3	52.9	8.3	54.0	8.0		
46.0	43.0	6.6	47.2	7.6	49.8	8.0	50.5	7.7		
48.0	39.9	5.5	44.1	6.4	46.4	7.0				
50.0	36.8	4.6	40.7	5.3	42.7	5.8				
52.0	33.5	3.7	36.9	4.3	38.5	4.7				
54.0	29.4	2.9	32.7	3.4	33.6	3.6				
56.0	24.8	2.1	27.4	2.5						
58.0			20.6	1.6						
Critical boom angle(°)	19		19		32		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0								
7.0	83.8	12.0								
8.0	83.1	12.0								
9.0	82.3	12.0								
10.0	81.6	12.0								
11.0	80.8	12.0								
12.0	80.1	12.0								
14.0	78.5	12.0	84.0	12.0						
16.0	76.9	12.0	82.4	12.0						
18.0	75.3	12.0	80.7	12.0						
20.0	73.7	12.0	79.0	12.0	84.1	10.7				
22.0	72.0	12.0	77.3	11.8	82.2	10.2				
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7		
26.0	68.7	12.0	73.8	10.4	78.5	9.3	82.5	8.4		
28.0	66.9	11.1	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3
30.0	65.0	10.3	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2
32.0	63.2	9.6	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1
34.0	61.3	8.9	66.4	8.3	70.5	7.9	74.1	7.5	75.8	7.1
36.0	59.3	8.3	64.4	7.9	68.4	7.6	71.8	7.3	73.3	7.0
38.0	57.4	7.8	62.3	7.6	66.2	7.4	69.5	7.2	70.6	7.0
40.0	55.2	7.3	60.2	7.2	63.9	7.1	67.0	7.1	67.9	7.0
42.0	53.0	6.9	58.0	6.9	61.6	6.9	64.5	6.9	64.9	6.9
44.0	50.7	6.5	55.7	6.6	59.2	6.7	61.8	6.8		
46.0	48.3	6.2	53.3	6.4	56.7	6.6	58.8	6.6		
48.0	45.9	5.7	50.7	6.1	54.0	6.4	55.6	6.3		
50.0	43.2	5.4	48.0	5.9	51.2	6.2	52.1	6.1		
52.0	40.5	4.8	45.1	5.7	48.2	6.0	48.4	5.9		
54.0	37.5	4.0	41.9	4.8	44.5	5.5				
56.0	34.3	3.2	38.6	4.0	40.5	4.5				
58.0	30.6	2.5	34.6	3.1	35.9	3.5				
60.0	26.4	1.9	30.1	2.4						
62.0	21.4	1.3	24.5	1.6						
Critical boom angle(°)	19		19		32		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SA

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.7	10.0	79.8	10.0						
24.0	72.1	10.0	78.2	9.6	83.7	8.1				
26.0	70.6	10.0	76.6	9.0	82.0	7.7				
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3		
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1		
32.0	65.7	8.3	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3
34.0	64.0	7.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2
36.0	62.3	7.1	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1
38.0	60.5	6.6	66.4	6.4	71.0	6.1	74.6	5.5	77.1	5.1
40.0	58.7	6.3	64.4	6.1	69.0	5.9	72.4	5.4	74.7	5.0
42.0	56.9	5.9	62.4	5.9	66.9	5.7	70.1	5.3	72.1	5.0
44.0	54.9	5.6	60.3	5.6	64.8	5.5	67.8	5.2	69.3	5.0
46.0	52.8	5.3	58.2	5.4	62.6	5.3	65.3	5.1	66.4	5.0
48.0	50.6	5.1	56.0	5.2	60.3	5.1	62.8	5.1	63.5	5.0
50.0	48.3	4.8	53.7	5.0	57.8	5.0	60.1	5.0		
52.0	46.0	4.5	51.3	4.8	55.3	4.9	57.2	5.0		
54.0	43.5	4.2	48.8	4.5	52.5	4.8	54.1	4.9		
56.0	40.9	3.9	46.1	4.3	49.6	4.7	50.8	4.8		
58.0	38.2	3.5	43.3	4.1	46.5	4.6				
60.0	35.2	2.8	40.0	3.6	42.7	4.2				
62.0	31.9	2.2	36.4	2.9	38.4	3.4				
64.0	28.3	1.7	32.3	2.2	33.5	2.5				
66.0			27.5	1.6						
Critical boom angle(°)	24		24		32		47.5		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0	71.9	5.6	78.2	4.0	84.3	3.0				
28.0	70.4	5.2	76.7	3.8	83.0	2.8				
30.0	68.9	4.8	75.2	3.6	81.7	2.7				
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0		
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9		
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5
42.0	59.0	3.4	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4
44.0	57.3	3.2	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4
46.0	55.4	3.0	61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4
48.0	53.6	2.8	59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4
50.0	51.7	2.6	57.4	2.1	62.5	1.7	66.0	1.5	67.6	1.4
52.0	49.7	2.5	55.4	2.0	60.3	1.6	63.5	1.4	64.6	1.4
54.0	47.7	2.4	53.4	1.9	58.0	1.6	60.9	1.4		
56.0	45.5	2.2	51.2	1.8	55.6	1.5	58.1	1.4		
58.0	43.3	2.1	49.0	1.7	53.1	1.5	55.2	1.4		
60.0	41.0	2.0	46.4	1.7	50.4	1.5	51.9	1.4		
62.0	38.4	1.9	43.7	1.6	47.3	1.4	48.4	1.4		
64.0	35.8	1.8	40.8	1.6	44.0	1.4				
66.0	32.8	1.7	37.6	1.5	40.3	1.4				
68.0	29.6	1.4	34.0	1.5	36.0	1.4				
70.0			29.9	1.5						
Critical boom angle(°)	26		26		32		47.5		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SB

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4
18.0	72.0	24.0	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2
20.0	69.8	24.0	71.6	24.0	73.7	22.3	75.2	20.2	76.2	19.3
22.0	67.6	24.0	69.3	23.4	71.3	20.7	72.6	19.1	73.6	18.5
24.0	65.2	23.3	66.8	21.7	68.8	19.4	70.0	18.2	70.7	17.7
26.0	62.6	20.8	64.4	20.0	66.2	18.3	67.4	17.3	67.8	17.0
28.0	60.0	18.0	61.8	18.3	63.5	17.4	64.7	16.5	64.7	16.4
30.0	57.3	15.5	59.1	16.3	60.7	16.5	61.9	15.8		
32.0	54.3	13.2	56.2	13.8	57.7	14.6	58.9	15.0		
34.0	51.3	11.1	53.1	11.7	54.6	12.4	55.5	12.7		
36.0	48.2	9.2	50.0	9.8	51.3	10.3	51.8	10.6		
38.0	44.9	7.6	46.6	8.1	47.8	8.5	48.0	8.7		
40.0	41.4	6.1	43.0	6.5	44.1	6.9				
42.0	37.6	4.8	39.0	5.1	39.9	5.4				
44.0	33.4	3.6	34.6	3.9	35.1	4.0				
46.0			29.5	2.7						
Critical boom angle(°)	29		29		32		47		62.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SB

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0
26.0	63.6	12.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0
28.0	61.4	12.0	65.0	12.0	67.7	12.0	69.9	12.0	70.7	12.0
30.0	59.1	12.0	62.7	12.0	65.3	12.0	67.4	12.0	67.8	12.0
32.0	56.8	12.0	60.3	12.0	62.9	12.0	64.7	12.0	64.8	12.0
34.0	54.4	12.0	57.8	12.0	60.4	12.0	61.9	11.9		
36.0	51.8	10.6	55.2	11.8	57.7	12.0	58.9	11.4		
38.0	48.9	8.9	52.2	10.0	54.8	10.9	55.8	11.0		
40.0	46.0	7.5	49.2	8.5	51.7	9.2	52.4	9.5		
42.0	42.9	6.2	46.0	7.0	48.4	7.6	48.7	7.8		
44.0	39.6	5.0	42.6	5.7	44.6	6.2				
46.0	36.0	3.9	38.9	4.5	40.5	4.9				
48.0	32.2	2.9	34.8	3.4	35.9	3.7				
50.0			30.2	2.4						
Critical boom angle(°)	29		29		32		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SB

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0									
7.0	83.3	12.0									
8.0	82.5	12.0									
9.0	81.6	12.0									
10.0	80.8	12.0									
11.0	80.0	12.0	84.5	12.0							
12.0	79.1	12.0	83.7	12.0							
14.0	77.4	12.0	81.9	12.0							
16.0	75.7	12.0	80.2	12.0	84.4	12.0					
18.0	73.9	12.0	78.4	12.0	82.6	12.0					
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6			
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2	
24.0	68.4	12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0	
26.0	66.5	12.0	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8	
28.0	64.6	12.0	68.8	12.0	72.7	11.1	75.4	10.3	77.0	9.7	
30.0	62.6	12.0	66.8	11.4	70.6	10.7	73.1	10.1	74.5	9.6	
32.0	60.5	11.4	64.6	10.9	68.4	10.3	70.7	9.9	71.9	9.6	
34.0	58.3	10.7	62.4	10.4	66.1	10.0	68.3	9.7	69.2	9.5	
36.0	56.1	10.2	60.2	10.0	63.7	9.6	65.7	9.4	66.5	9.1	
38.0	53.8	9.6	57.9	9.6	61.2	9.3	63.1	9.0	63.6	8.8	
40.0	51.4	8.9	55.5	9.2	58.6	9.1	60.3	8.7			
42.0	48.7	7.5	52.8	8.8	55.8	8.7	57.2	8.3			
44.0	45.8	6.3	50.0	7.5	52.9	8.3	54.0	8.0			
46.0	42.9	5.3	47.1	6.2	49.7	7.0	50.5	7.3			
48.0	39.8	4.3	44.0	5.1	46.3	5.8					
50.0	36.7	3.3	40.6	4.1	42.5	4.6					
52.0	33.2	2.5	36.8	3.1	38.3	3.6					
54.0			32.6	2.3	33.3	2.5					
Critical boom angle(°)	30		30		32		47		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0									
7.0	83.8	12.0									
8.0	83.1	12.0									
9.0	82.3	12.0									
10.0	81.6	12.0									
11.0	80.8	12.0									
12.0	80.1	12.0									
14.0	78.5	12.0	84.0	12.0							
16.0	76.9	12.0	82.4	12.0							
18.0	75.3	12.0	80.7	12.0							
20.0	73.7	12.0	79.0	12.0	84.1	10.7					
22.0	72.0	12.0	77.3	11.8	82.2	10.2					
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7			
26.0	68.7	12.0	73.8	10.4	78.5	9.3	82.5	8.4			
28.0	66.9	11.1	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3	
30.0	65.0	10.3	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2	
32.0	63.2	9.6	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1	
34.0	61.3	8.9	66.4	8.3	70.5	7.9	74.1	7.5	75.8	7.1	
36.0	59.3	8.3	64.4	7.9	68.4	7.6	71.8	7.3	73.3	7.0	
38.0	57.4	7.8	62.3	7.6	66.2	7.4	69.5	7.2	70.6	7.0	
40.0	55.2	7.3	60.2	7.2	63.9	7.1	67.0	7.1	67.9	7.0	
42.0	53.0	6.9	58.0	6.9	61.6	6.9	64.5	6.9	64.9	6.9	
44.0	50.7	6.5	55.7	6.6	59.2	6.7	61.8	6.8			
46.0	48.3	6.2	53.3	6.4	56.7	6.6	58.8	6.6			
48.0	45.8	5.4	50.7	6.1	54.0	6.4	55.6	6.3			
50.0	43.1	4.5	47.9	5.6	51.2	6.2	52.1	6.1			
52.0	40.3	3.6	44.9	4.6	48.1	5.4	48.4	5.7			
54.0	37.3	2.9	41.8	3.7	44.4	4.3					
56.0	34.1	2.1	38.4	2.9	40.4	3.4					
58.0	30.5	1.5	34.5	2.1	35.8	2.4					
Critical boom angle(°)	30		30.5		32		47		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SB

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0									
8.0	83.8	10.0									
9.0	83.2	10.0									
10.0	82.5	10.0									
11.0	81.8	10.0									
12.0	81.1	10.0									
14.0	79.7	10.0									
16.0	78.3	10.0	84.3	10.0							
18.0	76.8	10.0	82.8	10.0							
20.0	75.2	10.0	81.3	10.0							
22.0	73.7	10.0	79.8	10.0							
24.0	72.1	10.0	78.2	9.6	83.7	8.1					
26.0	70.6	10.0	76.6	9.0	82.0	7.7					
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3			
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1			
32.0	65.7	8.3	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3	
34.0	64.0	7.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2	
36.0	62.3	7.1	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1	
38.0	60.5	6.6	66.4	6.4	71.0	6.1	74.6	5.5	77.1	5.1	
40.0	58.7	6.3	64.4	6.1	69.0	5.9	72.4	5.4	74.7	5.0	
42.0	56.9	5.9	62.4	5.9	66.9	5.7	70.1	5.3	72.1	5.0	
44.0	54.9	5.6	60.3	5.6	64.8	5.5	67.8	5.2	69.3	5.0	
46.0	52.8	5.3	58.2	5.4	62.6	5.3	65.3	5.1	66.4	5.0	
48.0	50.6	5.1	56.0	5.2	60.3	5.1	62.8	5.1	63.5	5.0	
50.0	48.3	4.8	53.7	5.0	57.8	5.0	60.1	5.0			
52.0	46.0	4.5	51.3	4.8	55.3	4.9	57.2	5.0			
54.0	43.4	3.8	48.8	4.5	52.5	4.8	54.1	4.9			
56.0	40.7	3.1	46.1	4.2	49.6	4.7	50.8	4.8			
58.0	37.9	2.4	43.1	3.4	46.3	4.1					
60.0	34.9	1.8	39.7	2.6	42.5	3.2					
62.0			36.1	1.9	38.3	2.4					
64.0					33.3	1.6					
Critical boom angle(°)	32		32.5		32.5		47.5		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0									
9.0	83.7	8.0									
10.0	83.1	8.0									
11.0	82.4	8.0									
12.0	81.8	8.0									
14.0	80.5	8.0									
16.0	79.2	8.0									
18.0	77.8	7.9	84.0	5.1							
20.0	76.3	7.2	82.6	4.8							
22.0	74.9	6.6	81.2	4.5							
24.0	73.4	6.0	79.7	4.3							
26.0	71.9	5.6	78.2	4.0	84.3	3.0					
28.0	70.4	5.2	76.7	3.8	83.0	2.8					
30.0	68.9	4.8	75.2	3.6	81.7	2.7					
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0			
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9			
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5	
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5	
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5	
42.0	59.0	3.4	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4	
44.0	57.3	3.2	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4	
46.0	55.4	3.0	61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4	
48.0	53.6	2.8	59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4	
50.0	51.7	2.6	57.4	2.1	62.5	1.7	66.0	1.5	67.6	1.4	
52.0	49.7	2.5	55.4	2.0	60.3	1.6	63.5	1.4	64.6	1.4	
54.0	47.7	2.4	53.4	1.9	58.0	1.6	60.9	1.4			
56.0	45.5	2.2	51.2	1.8	55.6	1.5	58.1	1.4			
58.0	43.3	2.1	49.0	1.7	53.1	1.5	55.2	1.4			
60.0	41.0	2.0	46.4	1.7	50.4	1.5	51.9	1.4			
62.0	38.4	1.9	43.7	1.6	47.3	1.4	48.4	1.4			
64.0	35.6	1.5	40.8	1.6	44.0	1.4					
66.0			37.6	1.5	40.3	1.4					
68.0					36.0	1.4					
Critical boom angle(°)	33		35		35		47.5		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SC

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4
18.0	72.0	24.0	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2
20.0	69.8	24.0	71.6	24.0	73.7	22.3	75.2	20.2	76.2	19.3
22.0	67.6	24.0	69.3	23.4	71.3	20.7	72.6	19.1	73.6	18.5
24.0	65.1	22.4	66.8	21.7	68.8	19.4	70.0	18.2	70.7	17.7
26.0	62.5	19.0	64.4	20.0	66.2	18.3	67.4	17.3	67.8	17.0
28.0	59.9	16.0	61.7	16.9	63.5	17.4	64.7	16.5	64.7	16.4
30.0	57.1	13.5	59.0	14.2	60.6	15.2	61.8	15.7		
32.0	54.2	11.3	56.0	11.9	57.6	12.7	58.8	13.2		
34.0	51.2	9.4	53.0	9.9	54.5	10.6	55.3	10.9		
36.0	48.0	7.6	49.9	8.1	51.2	8.6	51.7	8.9		
38.0	44.7	6.0	46.5	6.5	47.7	6.9	47.8	7.1		
40.0	41.3	4.6	42.9	5.0	44.0	5.4				
42.0	37.5	3.4	38.9	3.7	39.7	3.9				
Critical boom angle(°)	34		35		36		47		62.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SC

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0
26.0	63.6	12.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0
28.0	61.4	12.0	65.0	12.0	67.7	12.0	69.9	12.0	70.7	12.0
30.0	59.1	12.0	62.7	12.0	65.3	12.0	67.4	12.0	67.8	12.0
32.0	56.8	12.0	60.3	12.0	62.9	12.0	64.7	12.0	64.8	12.0
34.0	54.3	10.6	57.8	11.9	60.4	12.0	61.9	11.9		
36.0	51.6	8.9	55.0	10.1	57.6	11.1	58.9	11.4		
38.0	48.8	7.3	52.1	8.4	54.7	9.3	55.7	9.7		
40.0	45.9	6.0	49.0	6.9	51.5	7.6	52.3	8.0		
42.0	42.8	4.7	45.9	5.6	48.2	6.2	48.6	6.4		
44.0	39.5	3.6	42.5	4.3	44.5	4.8				
46.0	36.0	2.6	38.8	3.2	40.4	3.6				
Critical boom angle(°)	34		35		36		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SC

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2		12.0								
7.0	83.3		12.0								
8.0	82.5		12.0								
9.0	81.6		12.0								
10.0	80.8		12.0								
11.0	80.0		12.0	84.5	12.0						
12.0	79.1		12.0	83.7	12.0						
14.0	77.4		12.0	81.9	12.0						
16.0	75.7		12.0	80.2	12.0	84.4	12.0				
18.0	73.9		12.0	78.4	12.0	82.6	12.0				
20.0	72.1		12.0	76.5	12.0	80.7	12.0	84.1	11.6		
22.0	70.3		12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2
24.0	68.4		12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0
26.0	66.5		12.0	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8
28.0	64.6		12.0	68.8	12.0	72.7	11.1	75.4	10.3	77.0	9.7
30.0	62.6		12.0	66.8	11.4	70.6	10.7	73.1	10.1	74.5	9.6
32.0	60.5		11.4	64.6	10.9	68.4	10.3	70.7	9.9	71.9	9.6
34.0	58.3		10.7	62.4	10.4	66.1	10.0	68.3	9.7	69.2	9.5
36.0	56.1		10.2	60.2	10.0	63.7	9.6	65.7	9.4	66.5	9.1
38.0	53.7		8.7	57.9	9.6	61.2	9.3	63.1	9.0	63.6	8.8
40.0	51.2		7.3	55.4	8.7	58.6	9.1	60.3	8.7		
42.0	48.5		6.1	52.7	7.3	55.8	8.3	57.2	8.3		
44.0	45.6		5.0	49.9	6.1	52.8	6.9	54.0	7.4		
46.0	42.7		3.9	46.9	4.9	49.6	5.7	50.4	6.0		
48.0	39.6		3.0	43.8	3.9	46.2	4.5				
50.0	36.5		2.1	40.4	2.9	42.4	3.4				
52.0				36.7	2.0	38.1	2.3				
Critical boom angle(°)		34		35		36		47		62.5	
Standard hook		for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)		0.42		0.42		0.42		0.42		0.42	
Parts of line		1		1		1		1		1	

Specification SC

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6		12.0								
7.0	83.8		12.0								
8.0	83.1		12.0								
9.0	82.3		12.0								
10.0	81.6		12.0								
11.0	80.8		12.0								
12.0	80.1		12.0								
14.0	78.5		12.0	84.0	12.0						
16.0	76.9		12.0	82.4	12.0						
18.0	75.3		12.0	80.7	12.0						
20.0	73.7		12.0	79.0	12.0	84.1	10.7				
22.0	72.0		12.0	77.3	11.8	82.2	10.2				
24.0	70.3		12.0	75.5	11.1	80.4	9.7	84.5	8.7		
26.0	68.7		12.0	73.8	10.4	78.5	9.3	82.5	8.4		
28.0	66.9		11.1	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3
30.0	65.0		10.3	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2
32.0	63.2		9.6	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1
34.0	61.3		8.9	66.4	8.3	70.5	7.9	74.1	7.5	75.8	7.1
36.0	59.3		8.3	64.4	7.9	68.4	7.6	71.8	7.3	73.3	7.0
38.0	57.4		7.8	62.3	7.6	66.2	7.4	69.5	7.2	70.6	7.0
40.0	55.2		7.3	60.2	7.2	63.9	7.1	67.0	7.1	67.9	7.0
42.0	53.0		6.9	58.0	6.9	61.6	6.9	64.5	6.9	64.9	6.9
44.0	50.7		6.1	55.7	6.6	59.2	6.7	61.8	6.8		
46.0	48.2		5.1	53.3	6.4	56.7	6.6	58.8	6.6		
48.0	45.6		4.1	50.6	5.3	54.0	6.3	55.6	6.3		
50.0	42.9		3.3	47.7	4.4	51.1	5.2	52.1	5.7		
52.0	40.1		2.5	44.7	3.4	47.9	4.2	48.3	4.5		
54.0	37.1		1.7	41.6	2.6	44.2	3.2				
56.0				38.2	1.8	40.3	2.3				
Critical boom angle(°)		34.5		35		36		47		62.5	
Standard hook		for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)		0.42		0.42		0.42		0.42		0.42	
Parts of line		1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SC

40m Boom + 2m + 30m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
7.0	84.5	10.0										
8.0	83.8	10.0										
9.0	83.2	10.0										
10.0	82.5	10.0										
11.0	81.8	10.0										
12.0	81.1	10.0										
14.0	79.7	10.0										
16.0	78.3	10.0	84.3	10.0								
18.0	76.8	10.0	82.8	10.0								
20.0	75.2	10.0	81.3	10.0								
22.0	73.7	10.0	79.8	10.0								
24.0	72.1	10.0	78.2	9.6	83.7	8.1						
26.0	70.6	10.0	76.6	9.0	82.0	7.7						
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3				
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1				
32.0	65.7	8.3	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3		
34.0	64.0	7.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2		
36.0	62.3	7.1	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1		
38.0	60.5	6.6	66.4	6.4	71.0	6.1	74.6	5.5	77.1	5.1		
40.0	58.7	6.3	64.4	6.1	69.0	5.9	72.4	5.4	74.7	5.0		
42.0	56.9	5.9	62.4	5.9	66.9	5.7	70.1	5.3	72.1	5.0		
44.0	54.9	5.6	60.3	5.6	64.8	5.5	67.8	5.2	69.3	5.0		
46.0	52.8	5.3	58.2	5.4	62.6	5.3	65.3	5.1	66.4	5.0		
48.0	50.6	5.1	56.0	5.2	60.3	5.1	62.8	5.1	63.5	5.0		
50.0	48.2	4.3	53.7	5.0	57.8	5.0	60.1	5.0				
52.0	45.7	3.5	51.3	4.7	55.3	4.9	57.2	5.0				
54.0	43.1	2.7	48.6	3.9	52.5	4.8	54.1	4.9				
56.0	40.4	2.0	45.8	3.1	49.4	3.9	50.7	4.3				
58.0	37.6	1.4	42.7	2.3	46.0	3.0						
60.0			39.4	1.6	42.2	2.2						
62.0					38.1	1.4						
Critical boom angle(°)	35		36		36		47.5		62.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SC

40m Boom + 2m + 35m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.3	8.0										
9.0	83.7	8.0										
10.0	83.1	8.0										
11.0	82.4	8.0										
12.0	81.8	8.0										
14.0	80.5	8.0										
16.0	79.2	8.0										
18.0	77.8	7.9	84.0	5.1								
20.0	76.3	7.2	82.6	4.8								
22.0	74.9	6.6	81.2	4.5								
24.0	73.4	6.0	79.7	4.3								
26.0	71.9	5.6	78.2	4.0	84.3	3.0						
28.0	70.4	5.2	76.7	3.8	83.0	2.8						
30.0	68.9	4.8	75.2	3.6	81.7	2.7						
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0				
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9				
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5		
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5		
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5		
42.0	59.0	3.4	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4		
44.0	57.3	3.2	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4		
46.0	55.4	3.0	61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4		
48.0	53.6	2.8	59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4		
50.0	51.7	2.6	57.4	2.1	62.5	1.7	66.0	1.5	67.6	1.4		
52.0	49.7	2.5	55.4	2.0	60.3	1.6	63.5	1.4	64.6	1.4		
54.0	47.7	2.4	53.4	1.9	58.0	1.6	60.9	1.4				
56.0	45.5	2.2	51.2	1.8	55.6	1.5	58.1	1.4				
58.0	43.3	2.1	49.0	1.7	53.1	1.5	55.2	1.4				
60.0	40.8	1.7	46.4	1.7	50.4	1.5	51.9	1.4				
62.0			43.7	1.6	47.3	1.4	48.4	1.4				
64.0			40.7	1.4	44.0	1.4						
66.0					40.3	1.4						
Critical boom angle(°)	39		39		39		47.5		62.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SD

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4
18.0	72.0	24.0	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2
20.0	69.8	24.0	71.6	24.0	73.7	22.3	75.2	20.2	76.2	19.3
22.0	67.6	23.7	69.3	23.4	71.3	20.7	72.6	19.1	73.6	18.5
24.0	65.0	19.9	66.8	21.0	68.8	19.4	70.0	18.2	70.7	17.7
26.0	62.4	16.6	64.2	17.6	66.2	18.3	67.4	17.3	67.8	17.0
28.0	59.7	13.8	61.5	14.7	63.4	15.8	64.7	16.5	64.7	16.4
30.0	56.9	11.4	58.8	12.2	60.5	13.1	61.7	13.7		
32.0	54.0	9.3	55.9	10.0	57.5	10.8	58.6	11.3		
34.0	51.0	7.5	52.9	8.1	54.4	8.8	55.2	9.1		
36.0	47.9	5.9	49.7	6.4	51.1	6.9	51.5	7.2		
38.0	44.6	4.4	46.3	4.8	47.6	5.3	47.7	5.4		
40.0	41.1	3.1	42.7	3.5	43.8	3.8				
Critical boom angle(°)	39		40		41		47		62.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SD

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0
26.0	63.6	12.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0
28.0	61.4	12.0	65.0	12.0	67.7	12.0	69.9	12.0	70.7	12.0
30.0	59.1	12.0	62.7	12.0	65.3	12.0	67.4	12.0	67.8	12.0
32.0	56.7	10.6	60.3	12.0	62.9	12.0	64.7	12.0	64.8	12.0
34.0	54.1	8.8	57.6	10.1	60.3	11.2	61.9	11.9		
36.0	51.5	7.2	54.9	8.4	57.5	9.4	58.8	9.9		
38.0	48.7	5.7	51.9	6.8	54.5	7.7	55.6	8.1		
40.0	45.8	4.4	48.9	5.4	51.4	6.1	52.2	6.4		
42.0	42.7	3.3	45.7	4.1	48.1	4.7	48.5	4.9		
44.0	39.5	2.2	42.3	2.9	44.3	3.4				
Critical boom angle(°)	39		40		41		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0									
7.0	83.3	12.0									
8.0	82.5	12.0									
9.0	81.6	12.0									
10.0	80.8	12.0									
11.0	80.0	12.0	84.5	12.0							
12.0	79.1	12.0	83.7	12.0							
14.0	77.4	12.0	81.9	12.0							
16.0	75.7	12.0	80.2	12.0	84.4	12.0					
18.0	73.9	12.0	78.4	12.0	82.6	12.0					
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6			
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2	
24.0	68.4	12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0	
26.0	66.5	12.0	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8	
28.0	64.6	12.0	68.8	12.0	72.7	11.1	75.4	10.3	77.0	9.7	
30.0	62.6	12.0	66.8	11.4	70.6	10.7	73.1	10.1	74.5	9.6	
32.0	60.5	11.4	64.6	10.9	68.4	10.3	70.7	9.9	71.9	9.6	
34.0	58.3	10.2	62.4	10.4	66.1	10.0	68.3	9.7	69.2	9.5	
36.0	55.9	8.6	60.2	10.0	63.7	9.6	65.7	9.4	66.5	9.1	
38.0	53.5	7.1	57.8	8.6	61.2	9.3	63.1	9.0	63.6	8.8	
40.0	51.0	5.8	55.2	7.2	58.5	8.3	60.3	8.7			
42.0	48.3	4.6	52.5	5.9	55.7	6.9	57.2	7.5			
44.0	45.5	3.6	49.7	4.7	52.7	5.6	53.9	6.0			
46.0	42.6	2.6	46.8	3.6	49.5	4.3	50.3	4.7			
48.0	39.5	1.7	43.7	2.6	46.1	3.2					
50.0					42.3	2.2					
Critical boom angle(°)	39		40.5		41		47		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SD

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0									
7.0	83.8	12.0									
8.0	83.1	12.0									
9.0	82.3	12.0									
10.0	81.6	12.0									
11.0	80.8	12.0									
12.0	80.1	12.0									
14.0	78.5	12.0	84.0	12.0							
16.0	76.9	12.0	82.4	12.0							
18.0	75.3	12.0	80.7	12.0							
20.0	73.7	12.0	79.0	12.0	84.1	10.7					
22.0	72.0	12.0	77.3	11.8	82.2	10.2					
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7			
26.0	68.7	12.0	73.8	10.4	78.5	9.3	82.5	8.4			
28.0	66.9	11.1	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3	
30.0	65.0	10.3	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2	
32.0	63.2	9.6	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1	
34.0	61.3	8.9	66.4	8.3	70.5	7.9	74.1	7.5	75.8	7.1	
36.0	59.3	8.3	64.4	7.9	68.4	7.6	71.8	7.3	73.3	7.0	
38.0	57.4	7.8	62.3	7.6	66.2	7.4	69.5	7.2	70.6	7.0	
40.0	55.2	7.0	60.2	7.2	63.9	7.1	67.0	7.1	67.9	7.0	
42.0	52.8	5.8	58.0	6.9	61.6	6.9	64.5	6.9	64.9	6.9	
44.0	50.4	4.7	55.6	6.2	59.2	6.7	61.8	6.8			
46.0	47.9	3.8	53.1	5.1	56.6	6.2	58.8	6.6			
48.0	45.4	2.9	50.4	4.1	53.9	5.1	55.5	5.7			
50.0	42.7	2.1	47.5	3.1	50.9	4.0	52.0	4.5			
52.0	39.9	1.3	44.5	2.3	47.7	3.0	48.2	3.3			
54.0			41.4	1.5	44.1	2.1					
Critical boom angle(°)	39		40.5		41		47		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SD

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0									
8.0	83.8	10.0									
9.0	83.2	10.0									
10.0	82.5	10.0									
11.0	81.8	10.0									
12.0	81.1	10.0									
14.0	79.7	10.0									
16.0	78.3	10.0	84.3	10.0							
18.0	76.8	10.0	82.8	10.0							
20.0	75.2	10.0	81.3	10.0							
22.0	73.7	10.0	79.8	10.0							
24.0	72.1	10.0	78.2	9.6	83.7	8.1					
26.0	70.6	10.0	76.6	9.0	82.0	7.7					
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3			
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1			
32.0	65.7	8.3	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3	
34.0	64.0	7.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2	
36.0	62.3	7.1	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1	
38.0	60.5	6.6	66.4	6.4	71.0	6.1	74.6	5.5	77.1	5.1	
40.0	58.7	6.3	64.4	6.1	69.0	5.9	72.4	5.4	74.7	5.0	
42.0	56.9	5.9	62.4	5.9	66.9	5.7	70.1	5.3	72.1	5.0	
44.0	54.9	5.6	60.3	5.6	64.8	5.5	67.8	5.2	69.3	5.0	
46.0	52.6	4.8	58.2	5.4	62.6	5.3	65.3	5.1	66.4	5.0	
48.0	50.2	3.9	56.0	5.2	60.3	5.1	62.8	5.1	63.5	5.0	
50.0	47.8	3.0	53.5	4.4	57.8	5.0	60.1	5.0			
52.0	45.4	2.3	50.9	3.6	55.2	4.6	57.2	5.0			
54.0	42.8	1.6	48.2	2.7	52.2	3.7	54.0	4.3			
56.0			45.4	2.0	49.1	2.8	50.5	3.2			
58.0			42.4	1.3	45.8	2.0					
Critical boom angle(°)	41		42		43		47.5		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SD

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0									
9.0	83.7	8.0									
10.0	83.1	8.0									
11.0	82.4	8.0									
12.0	81.8	8.0									
14.0	80.5	8.0									
16.0	79.2	8.0									
18.0	77.8	7.9	84.0	5.1							
20.0	76.3	7.2	82.6	4.8							
22.0	74.9	6.6	81.2	4.5							
24.0	73.4	6.0	79.7	4.3							
26.0	71.9	5.6	78.2	4.0	84.3	3.0					
28.0	70.4	5.2	76.7	3.8	83.0	2.8					
30.0	68.9	4.8	75.2	3.6	81.7	2.7					
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0			
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9			
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5	
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5	
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5	
42.0	59.0	3.4	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4	
44.0	57.3	3.2	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4	
46.0	55.4	3.0	61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4	
48.0	53.6	2.8	59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4	
50.0	51.7	2.6	57.4	2.1	62.5	1.7	66.0	1.5	67.6	1.4	
52.0	49.7	2.5	55.4	2.0	60.3	1.6	63.5	1.4	64.6	1.4	
54.0	47.7	2.4	53.4	1.9	58.0	1.6	60.9	1.4			
56.0	45.3	1.8	51.2	1.8	55.6	1.5	58.1	1.4			
58.0			49.0	1.7	53.1	1.5	55.2	1.4			
60.0			46.4	1.7	50.4	1.5	51.9	1.4			
62.0					47.3	1.4	48.4	1.4			
Critical boom angle(°)	43		44		44		47.5		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SE

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4
18.0	72.0	24.0	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2
20.0	69.8	23.8	71.6	24.0	73.7	22.3	75.2	20.2	76.2	19.3
22.0	67.3	19.5	69.1	20.8	71.3	20.7	72.6	19.1	73.6	18.5
24.0	64.7	16.0	66.6	17.1	68.7	18.5	70.0	18.2	70.7	17.7
26.0	62.1	13.1	64.0	14.0	66.0	15.3	67.3	16.1	67.7	16.5
28.0	59.5	10.5	61.3	11.4	63.2	12.5	64.5	13.2	64.5	13.4
30.0	56.7	8.4	58.6	9.1	60.3	10.0	61.5	10.6		
32.0	53.8	6.5	55.6	7.1	57.3	7.9	58.4	8.4		
34.0	50.8	4.8	52.6	5.4	54.2	6.1	55.0	6.4		
36.0	47.7	3.3	49.5	3.8	50.9	4.4	51.3	4.6		
38.0					47.4	2.9	47.5	3.0		
Critical boom angle(°)	46		47		47		47		62.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SE

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0
26.0	63.6	12.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0
28.0	61.4	11.8	65.0	12.0	67.7	12.0	69.9	12.0	70.7	12.0
30.0	59.0	9.6	62.6	11.3	65.3	12.0	67.4	12.0	67.8	12.0
32.0	56.5	7.7	60.0	9.2	62.8	10.5	64.7	11.4	64.8	11.7
34.0	54.0	6.1	57.4	7.4	60.1	8.5	61.7	9.3		
36.0	51.3	4.6	54.6	5.8	57.3	6.8	58.6	7.4		
38.0	48.6	3.3	51.7	4.4	54.3	5.2	55.4	5.7		
40.0			48.7	3.1	51.2	3.8	52.0	4.2		
42.0					47.8	2.5	48.3	2.7		
Critical boom angle(°)	46		47		47		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0								
7.0	83.3	12.0								
8.0	82.5	12.0								
9.0	81.6	12.0								
10.0	80.8	12.0								
11.0	80.0	12.0	84.5	12.0						
12.0	79.1	12.0	83.7	12.0						
14.0	77.4	12.0	81.9	12.0						
16.0	75.7	12.0	80.2	12.0	84.4	12.0				
18.0	73.9	12.0	78.4	12.0	82.6	12.0				
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6		
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2
24.0	68.4	12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0
26.0	66.5	12.0	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8
28.0	64.6	12.0	68.8	12.0	72.7	11.1	75.4	10.3	77.0	9.7
30.0	62.5	11.0	66.8	11.4	70.6	10.7	73.1	10.1	74.5	9.6
32.0	60.2	9.1	64.6	10.9	68.4	10.3	70.7	9.9	71.9	9.6
34.0	57.9	7.5	62.3	9.3	66.1	10.0	68.3	9.7	69.2	9.5
36.0	55.6	6.0	60.0	7.7	63.7	9.1	65.7	9.4	66.5	9.1
38.0	53.2	4.7	57.5	6.2	61.0	7.5	63.0	8.4	63.5	8.7
40.0	50.7	3.5	55.0	4.9	58.3	6.0	60.2	6.8		
42.0	48.0	2.4	52.3	3.7	55.6	4.7	57.1	5.3		
44.0			49.5	2.6	52.6	3.5	53.8	4.0		
46.0					49.4	2.3	50.2	2.7		
Critical boom angle(°)	46		47		47		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0								
7.0	83.8	12.0								
8.0	83.1	12.0								
9.0	82.3	12.0								
10.0	81.6	12.0								
11.0	80.8	12.0								
12.0	80.1	12.0								
14.0	78.5	12.0	84.0	12.0						
16.0	76.9	12.0	82.4	12.0						
18.0	75.3	12.0	80.7	12.0						
20.0	73.7	12.0	79.0	12.0	84.1	10.7				
22.0	72.0	12.0	77.3	11.8	82.2	10.2				
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7		
26.0	68.7	12.0	73.8	10.4	78.5	9.3	82.5	8.4		
28.0	66.9	11.1	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3
30.0	65.0	10.3	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2
32.0	63.2	9.6	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1
34.0	61.3	8.7	66.4	8.3	70.5	7.9	74.1	7.5	75.8	7.1
36.0	59.2	7.2	64.4	7.9	68.4	7.6	71.8	7.3	73.3	7.0
38.0	57.1	5.9	62.3	7.6	66.2	7.4	69.5	7.2	70.6	7.0
40.0	54.9	4.7	60.0	6.4	63.9	7.1	67.0	7.1	67.9	7.0
42.0	52.5	3.6	57.7	5.2	61.6	6.6	64.5	6.9	64.9	6.9
44.0	50.1	2.6	55.3	4.1	59.0	5.4	61.7	6.2		
46.0	47.6	1.8	52.7	3.1	56.4	4.2	58.5	5.0		
48.0			50.0	2.2	53.6	3.2	55.2	3.8		
50.0			47.2	1.3	50.6	2.2	51.7	2.6		
52.0					47.4	1.3	48.0	1.6		
Critical boom angle(°)	46		47		47		47		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.7	10.0	79.8	10.0						
24.0	72.1	10.0	78.2	9.6	83.7	8.1				
26.0	70.6	10.0	76.6	9.0	82.0	7.7				
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3		
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1		
32.0	65.7	8.3	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3
34.0	64.0	7.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2
36.0	62.3	7.1	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1
38.0	60.5	6.6	66.4	6.4	71.0	6.1	74.6	5.5	77.1	5.1
40.0	58.6	5.7	64.4	6.1	69.0	5.9	72.4	5.4	74.7	5.0
42.0	56.5	4.6	62.4	5.9	66.9	5.7	70.1	5.3	72.1	5.0
44.0	54.2	3.6	60.3	5.4	64.8	5.5	67.8	5.2	69.3	5.0
46.0	52.0	2.8	57.9	4.4	62.6	5.3	65.3	5.1	66.4	5.0
48.0	49.6	1.9	55.5	3.5	60.2	4.8	62.8	5.1	63.5	5.0
50.0			53.0	2.6	57.5	3.8	60.0	4.6		
52.0			50.4	1.8	54.7	2.9	57.0	3.6		
54.0					51.8	2.0	53.8	2.6		
56.0							50.3	1.6		
Critical boom angle(°)	48		49		49		49		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0	71.9	5.6	78.2	4.0	84.3	3.0				
28.0	70.4	5.2	76.7	3.8	83.0	2.8				
30.0	68.9	4.8	75.2	3.6	81.7	2.7				
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0		
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9		
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5
42.0	59.0	3.4	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4
44.0	57.3	3.2	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4
46.0	55.4	3.0	61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4
48.0	53.6	2.8	59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4
50.0	51.5	2.1	57.4	2.1	62.5	1.7	66.0	1.5	67.6	1.4
52.0	49.3	1.4	55.4	2.0	60.3	1.6	63.5	1.4	64.6	1.4
54.0			53.4	1.9	58.0	1.6	60.9	1.4		
56.0			51.1	1.5	55.6	1.5	58.1	1.4		
58.0					53.1	1.5	55.2	1.4		
60.0							51.9	1.4		
Critical boom angle(°)	48		49		51		51		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SF

40m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.1	24.0										
7.0	83.2	24.0										
8.0	82.2	24.0	84.2	24.0								
9.0	81.2	24.0	83.1	24.0								
10.0	80.2	24.0	82.1	24.0	84.9	24.0						
11.0	79.2	24.0	81.1	24.0	83.8	24.0						
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6				
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7		
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4		
18.0	72.0	24.0	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2		
20.0	69.7	20.9	71.5	22.3	73.7	22.3	75.2	20.2	76.2	19.3		
22.0	67.2	17.0	69.0	18.2	71.2	19.8	72.6	19.1	73.6	18.5		
24.0	64.6	13.7	66.4	14.8	68.6	16.2	70.0	17.2	70.7	17.7		
26.0	62.0	10.9	63.8	11.9	65.9	13.1	67.2	14.0	67.6	14.3		
28.0	59.3	8.5	61.1	9.4	63.1	10.5	64.3	11.2	64.4	11.4		
30.0	56.5	6.5	58.4	7.3	60.2	8.2	61.3	8.8				
32.0	53.6	4.7	55.5	5.4	57.2	6.2	58.2	6.6				
34.0	50.6	3.1	52.5	3.7	54.1	4.4	54.8	4.8				
36.0					50.8	2.8	51.2	3.1				
Critical boom angle(°)	49		50		50		50		62.5			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SF

40m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
5.0	84.3	12.0										
6.0	83.4	12.0										
7.0	82.5	12.0										
8.0	81.6	12.0										
9.0	80.6	12.0	84.6	12.0								
10.0	79.7	12.0	83.6	12.0								
11.0	78.7	12.0	82.6	12.0								
12.0	77.8	12.0	81.5	12.0								
14.0	75.9	12.0	79.5	12.0	83.0	12.0						
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0				
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0		
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0		
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0		
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0		
26.0	63.6	12.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0		
28.0	61.2	9.8	64.9	11.6	67.7	12.0	69.9	12.0	70.7	12.0		
30.0	58.8	7.8	62.4	9.4	65.2	10.8	67.4	11.9	67.8	12.0		
32.0	56.4	6.0	59.9	7.5	62.6	8.7	64.5	9.6	64.7	10.0		
34.0	53.8	4.4	57.2	5.8	59.9	6.9	61.6	7.6				
36.0	51.2	3.1	54.5	4.3	57.1	5.2	58.5	5.8				
38.0			51.6	2.9	54.2	3.8	55.3	4.2				
40.0					51.1	2.4	51.9	2.8				
Critical boom angle(°)	49		50		50		50		62.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SF

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0								
7.0	83.3	12.0								
8.0	82.5	12.0								
9.0	81.6	12.0								
10.0	80.8	12.0								
11.0	80.0	12.0	84.5	12.0						
12.0	79.1	12.0	83.7	12.0						
14.0	77.4	12.0	81.9	12.0						
16.0	75.7	12.0	80.2	12.0	84.4	12.0				
18.0	73.9	12.0	78.4	12.0	82.6	12.0				
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6		
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2
24.0	68.4	12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0
26.0	66.5	12.0	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8
28.0	64.5	11.2	68.8	12.0	72.7	11.1	75.4	10.3	77.0	9.7
30.0	62.3	9.2	66.8	11.4	70.6	10.7	73.1	10.1	74.5	9.6
32.0	60.0	7.4	64.5	9.4	68.4	10.3	70.7	9.9	71.9	9.6
34.0	57.7	5.8	62.2	7.7	66.0	9.2	68.3	9.7	69.2	9.5
36.0	55.4	4.5	59.8	6.1	63.5	7.5	65.6	8.6	66.5	9.1
38.0	53.0	3.2	57.4	4.7	60.9	6.0	62.9	6.9	63.4	7.3
40.0	50.5	2.1	54.8	3.5	58.2	4.6	60.0	5.4		
42.0			52.1	2.4	55.5	3.4	57.0	4.0		
44.0					52.5	2.2	53.8	2.7		
Critical boom angle(°)	49		50		50		51		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0								
7.0	83.8	12.0								
8.0	83.1	12.0								
9.0	82.3	12.0								
10.0	81.6	12.0								
11.0	80.8	12.0								
12.0	80.1	12.0								
14.0	78.5	12.0	84.0	12.0						
16.0	76.9	12.0	82.4	12.0						
18.0	75.3	12.0	80.7	12.0						
20.0	73.7	12.0	79.0	12.0	84.1	10.7				
22.0	72.0	12.0	77.3	11.8	82.2	10.2				
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7		
26.0	68.7	12.0	73.8	10.4	78.5	9.3	82.5	8.4		
28.0	66.9	11.1	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3
30.0	65.0	10.3	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2
32.0	63.0	8.6	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1
34.0	61.0	7.0	66.4	8.3	70.5	7.9	74.1	7.5	75.8	7.1
36.0	59.0	5.6	64.4	7.7	68.4	7.6	71.8	7.3	73.3	7.0
38.0	56.9	4.4	62.1	6.3	66.2	7.4	69.5	7.2	70.6	7.0
40.0	54.7	3.3	59.8	5.0	63.9	6.6	67.0	7.1	67.9	7.0
42.0	52.3	2.3	57.5	3.9	61.4	5.3	64.4	6.3	64.9	6.8
44.0	49.9	1.4	55.0	2.8	58.9	4.1	61.5	5.0		
46.0			52.5	1.9	56.3	3.0	58.3	3.8		
48.0					53.5	2.0	55.1	2.6		
50.0							51.6	1.5		
Critical boom angle(°)	49		50		51		51		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.7	10.0	79.8	10.0						
24.0	72.1	10.0	78.2	9.6	83.7	8.1				
26.0	70.6	10.0	76.6	9.0	82.0	7.7				
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3		
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1		
32.0	65.7	8.3	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3
34.0	64.0	7.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2
36.0	62.2	6.6	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1
38.0	60.2	5.4	66.4	6.4	71.0	6.1	74.6	5.5	77.1	5.1
40.0	58.2	4.3	64.4	6.1	69.0	5.9	72.4	5.4	74.7	5.0
42.0	56.1	3.3	62.2	5.2	66.9	5.7	70.1	5.3	72.1	5.0
44.0	53.9	2.4	59.9	4.1	64.8	5.5	67.8	5.2	69.3	5.0
46.0	51.6	1.5	57.5	3.2	62.4	4.6	65.3	5.1	66.4	5.0
48.0			55.1	2.3	59.9	3.6	62.7	4.6	63.5	5.0
50.0			52.6	1.5	57.2	2.7	59.8	3.5		
52.0					54.5	1.8	56.8	2.5		
54.0							53.6	1.5		
Critical boom angle(°)	50		51		52		52		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0	71.9	5.6	78.2	4.0	84.3	3.0				
28.0	70.4	5.2	76.7	3.8	83.0	2.8				
30.0	68.9	4.8	75.2	3.6	81.7	2.7				
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0		
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9		
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5
42.0	59.0	3.4	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4
44.0	57.3	3.2	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4
46.0	55.3	2.4	61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4
48.0	53.2	1.6	59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4
50.0			57.4	2.1	62.5	1.7	66.0	1.5	67.6	1.4
52.0			55.3	1.8	60.3	1.6	63.5	1.4	64.6	1.4
54.0					58.0	1.6	60.9	1.4		
56.0					55.6	1.5	58.1	1.4		
58.0							55.2	1.4		
Critical boom angle(°)	52		54		54		54		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4
18.0	71.9	22.7	73.8	24.0	76.1	23.3	77.7	21.4	78.8	20.2
20.0	69.5	18.1	71.4	19.5	73.7	21.4	75.2	20.2	76.2	19.3
22.0	67.0	14.4	68.8	15.6	71.1	17.2	72.6	18.4	73.6	18.5
24.0	64.4	11.3	66.3	12.4	68.5	13.8	69.8	14.8	70.6	15.4
26.0	61.8	8.7	63.7	9.7	65.7	10.9	67.1	11.8	67.5	12.2
28.0	59.2	6.5	61.0	7.4	62.9	8.5	64.2	9.2	64.2	9.4
30.0	56.4	4.6	58.3	5.4	60.0	6.3	61.2	6.9		
32.0	53.5	3.0	55.4	3.6	57.1	4.4	58.1	4.9		
34.0					54.0	2.8	54.7	3.1		
Critical boom angle(°)	52		53		53		53		62.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SG

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.7	12.0	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0
26.0	63.5	10.0	67.1	12.0	70.1	12.0	72.4	12.0	73.5	12.0
28.0	61.1	7.8	64.8	9.6	67.7	11.2	69.9	12.0	70.7	12.0
30.0	58.7	5.9	62.3	7.6	65.1	9.0	67.2	10.0	67.7	10.5
32.0	56.3	4.2	59.7	5.7	62.5	7.0	64.4	7.9	64.7	8.2
34.0	53.7	2.8	57.1	4.2	59.8	5.3	61.5	6.0		
36.0			54.3	2.7	57.0	3.7	58.4	4.3		
38.0					54.1	2.3	55.2	2.8		
Critical boom angle(°)	52		53		53		53		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SG

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0								
7.0	83.3	12.0								
8.0	82.5	12.0								
9.0	81.6	12.0								
10.0	80.8	12.0								
11.0	80.0	12.0	84.5	12.0						
12.0	79.1	12.0	83.7	12.0						
14.0	77.4	12.0	81.9	12.0						
16.0	75.7	12.0	80.2	12.0	84.4	12.0				
18.0	73.9	12.0	78.4	12.0	82.6	12.0				
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6		
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2
24.0	68.4	12.0	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0
26.0	66.4	11.4	70.8	12.0	74.9	11.6	77.6	10.6	79.5	9.8
28.0	64.3	9.2	68.8	11.6	72.7	11.1	75.4	10.3	77.0	9.7
30.0	62.1	7.3	66.6	9.5	70.6	10.7	73.1	10.1	74.5	9.6
32.0	59.8	5.6	64.3	7.6	68.3	9.4	70.7	9.9	71.9	9.6
34.0	57.5	4.2	62.1	6.0	65.8	7.6	68.2	8.8	69.2	9.5
36.0	55.2	2.9	59.7	4.6	63.3	6.0	65.5	7.0	66.4	7.6
38.0	52.8	1.8	57.2	3.3	60.7	4.5	62.8	5.4	63.3	5.8
40.0			54.7	2.1	58.1	3.2	59.9	4.0		
42.0					55.4	2.0	57.0	2.7		
44.0							53.8	1.4		
Critical boom angle(°)	52		53		53		53		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0								
7.0	83.8	12.0								
8.0	83.1	12.0								
9.0	82.3	12.0								
10.0	81.6	12.0								
11.0	80.8	12.0								
12.0	80.1	12.0								
14.0	78.5	12.0	84.0	12.0						
16.0	76.9	12.0	82.4	12.0						
18.0	75.3	12.0	80.7	12.0						
20.0	73.7	12.0	79.0	12.0	84.1	10.7				
22.0	72.0	12.0	77.3	11.8	82.2	10.2				
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7		
26.0	68.7	12.0	73.8	10.4	78.5	9.3	82.5	8.4		
28.0	66.8	10.4	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3
30.0	64.8	8.5	70.1	9.3	74.6	8.5	78.4	7.9	80.6	7.2
32.0	62.8	6.8	68.3	8.8	72.5	8.2	76.3	7.7	78.3	7.1
34.0	60.8	5.4	66.2	7.6	70.5	7.9	74.1	7.5	75.8	7.1
36.0	58.8	4.1	64.1	6.1	68.4	7.6	71.8	7.3	73.3	7.0
38.0	56.7	2.9	61.8	4.8	66.1	6.5	69.5	7.2	70.6	7.0
40.0	54.5	1.9	59.6	3.6	63.7	5.2	66.9	6.4	67.9	7.0
42.0			57.2	2.6	61.2	3.9	64.1	5.0	64.8	5.5
44.0			54.8	1.6	58.7	2.8	61.2	3.7		
46.0					56.1	1.8	58.1	2.5		
48.0							54.9	1.4		
Critical boom angle(°)	52.5		53		54		54		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SG

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.7	10.0	79.8	10.0						
24.0	72.1	10.0	78.2	9.6	83.7	8.1				
26.0	70.6	10.0	76.6	9.0	82.0	7.7				
28.0	69.0	9.7	74.9	8.5	80.2	7.5	84.8	6.3		
30.0	67.3	9.0	73.3	8.0	78.5	7.2	82.9	6.1		
32.0	65.6	7.8	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3
34.0	63.7	6.4	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2
36.0	61.8	5.1	68.1	6.8	72.9	6.3	76.7	5.6	79.5	5.1
38.0	59.8	3.9	66.3	6.2	71.0	6.1	74.6	5.5	77.1	5.1
40.0	57.8	2.9	64.1	5.0	69.0	5.9	72.4	5.4	74.7	5.0
42.0	55.7	2.0	61.8	3.9	66.9	5.6	70.1	5.3	72.1	5.0
44.0			59.5	2.9	64.5	4.5	67.8	5.2	69.3	5.0
46.0			57.1	2.0	62.1	3.4	65.2	4.6	66.4	5.0
48.0					59.6	2.5	62.5	3.5	63.4	3.9
50.0					57.0	1.6	59.7	2.4		
52.0							56.7	1.4		
Critical boom angle(°)	54		55		55		55		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0	71.9	5.6	78.2	4.0	84.3	3.0				
28.0	70.4	5.2	76.7	3.8	83.0	2.8				
30.0	68.9	4.8	75.2	3.6	81.7	2.7				
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0		
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9		
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5
38.0	62.4	3.8	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5
40.0	60.7	3.6	66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5
42.0	58.9	2.8	64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4
44.0	56.9	2.0	62.9	2.4	68.8	1.9	72.6	1.6	75.4	1.4
46.0			61.1	2.3	66.8	1.8	70.5	1.5	73.0	1.4
48.0			59.3	2.2	64.6	1.8	68.3	1.5	70.3	1.4
50.0			57.2	1.5	62.5	1.7	66.0	1.5	67.6	1.4
52.0					60.3	1.6	63.5	1.4	64.6	1.4
54.0					57.9	1.4	60.9	1.4		
56.0							58.1	1.4		
Critical boom angle(°)	56		56		56		56		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.1	24.0	75.9	24.0	78.4	24.0	80.2	21.9	81.3	20.4
18.0	71.8	19.5	73.6	21.1	76.1	23.3	77.7	21.4	78.8	20.2
20.0	69.3	15.3	71.2	16.7	73.5	18.5	75.2	20.0	76.2	19.3
22.0	66.8	11.8	68.7	13.1	71.0	14.7	72.5	15.9	73.4	16.5
24.0	64.3	9.0	66.1	10.1	68.3	11.5	69.7	12.5	70.4	13.0
26.0	61.7	6.6	63.5	7.6	65.6	8.8	67.0	9.6	67.3	10.0
28.0	59.0	4.5	60.8	5.4	62.8	6.5	64.1	7.2	64.1	7.4
30.0			58.1	3.4	59.9	4.5	61.1	5.0		
Critical boom angle(°)	57		57		58		58		62.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SH

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.9	12.0	71.3	12.0	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.6	10.2	69.3	12.0	72.4	12.0	74.8	12.0	76.2	12.0
26.0	63.3	7.8	67.0	9.9	70.0	11.5	72.4	12.0	73.5	12.0
28.0	61.0	5.8	64.6	7.6	67.5	9.2	69.8	10.2	70.6	10.8
30.0	58.6	4.0	62.1	5.7	65.0	7.1	67.1	8.1	67.7	8.6
32.0			59.6	3.9	62.4	5.2	64.3	6.1	64.7	6.5
34.0					59.7	3.5	61.3	4.3		
36.0							58.3	2.5		
Critical boom angle(°)	57		57		58		58		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0									
7.0	83.3	12.0									
8.0	82.5	12.0									
9.0	81.6	12.0									
10.0	80.8	12.0									
11.0	80.0	12.0	84.5	12.0							
12.0	79.1	12.0	83.7	12.0							
14.0	77.4	12.0	81.9	12.0							
16.0	75.7	12.0	80.2	12.0	84.4	12.0					
18.0	73.9	12.0	78.4	12.0	82.6	12.0					
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6			
22.0	70.3	12.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2	
24.0	68.4	11.6	72.8	12.0	76.9	12.0	79.8	10.9	81.9	10.0	
26.0	66.2	9.2	70.8	11.7	74.9	11.6	77.6	10.6	79.5	9.8	
28.0	64.1	7.2	68.6	9.6	72.7	11.1	75.4	10.3	77.0	9.7	
30.0	61.8	5.4	66.4	7.6	70.4	9.3	73.1	10.1	74.5	9.6	
32.0	59.6	3.8	64.2	5.9	68.1	7.6	70.6	8.7	71.9	9.4	
34.0			61.9	4.3	65.6	6.0	68.0	7.1	69.1	7.6	
36.0					63.2	4.4	65.3	5.5	66.3	6.0	
38.0							62.6	3.8	63.1	4.2	
Critical boom angle(°)	58		60		61		61		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SH

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0									
7.0	83.8	12.0									
8.0	83.1	12.0									
9.0	82.3	12.0									
10.0	81.6	12.0									
11.0	80.8	12.0									
12.0	80.1	12.0									
14.0	78.5	12.0	84.0	12.0							
16.0	76.9	12.0	82.4	12.0							
18.0	75.3	12.0	80.7	12.0							
20.0	73.7	12.0	79.0	12.0	84.1	10.7					
22.0	72.0	12.0	77.3	11.8	82.2	10.2					
24.0	70.3	12.0	75.5	11.1	80.4	9.7	84.5	8.7			
26.0	68.5	10.4	73.8	10.4	78.5	9.3	82.5	8.4			
28.0	66.5	8.4	72.0	9.8	76.5	8.9	80.5	8.2	83.0	7.3	
30.0	64.5	6.6	70.1	9.1	74.6	8.5	78.4	7.9	80.6	7.2	
32.0	62.6	5.1	68.1	7.5	72.5	8.2	76.3	7.7	78.3	7.1	
34.0	60.5	3.6	66.0	6.0	70.5	7.7	74.1	7.5	75.8	7.1	
36.0	58.5	2.2	63.8	4.5	68.2	6.4	71.8	7.3	73.3	7.0	
38.0			61.5	3.1	65.8	5.0	69.3	6.2	70.6	6.8	
40.0					63.4	3.6	66.7	4.9	67.8	5.5	
42.0							63.9	3.5	64.7	4.0	
Critical boom angle(°)	58		60		61.5		62		62.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SH

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.7	10.0	79.8	10.0						
24.0	72.1	10.0	78.2	9.6	83.7	8.1				
26.0	70.6	10.0	76.6	9.0	82.0	7.7				
28.0	68.9	9.4	74.9	8.5	80.2	7.5	84.8	6.3		
30.0	67.1	7.6	73.3	8.0	78.5	7.2	82.9	6.1		
32.0	65.2	6.1	71.6	7.5	76.7	6.9	80.9	5.9	83.9	5.3
34.0	63.3	4.7	69.9	7.1	74.8	6.6	78.8	5.8	81.7	5.2
36.0	61.4	3.4	67.9	6.0	72.9	6.3	76.7	5.6	79.5	5.1
38.0			65.8	4.6	71.0	6.1	74.6	5.5	77.1	5.1
40.0			63.6	3.4	68.8	5.4	72.4	5.4	74.7	5.0
42.0					66.5	4.2	70.1	5.3	72.1	5.0
44.0					64.2	3.0	67.6	4.4	69.3	5.0
46.0							65.0	3.1	66.3	3.8
48.0									63.2	2.5
Critical boom angle(°)	60		62		62		62.5		62.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0	71.9	5.6	78.2	4.0	84.3	3.0				
28.0	70.4	5.2	76.7	3.8	83.0	2.8				
30.0	68.9	4.8	75.2	3.6	81.7	2.7				
32.0	67.3	4.5	73.5	3.4	80.3	2.5	84.1	2.0		
34.0	65.7	4.3	71.8	3.2	78.5	2.4	82.3	1.9		
36.0	64.1	4.0	70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5
38.0	62.3	3.1	68.3	2.9	74.8	2.2	78.6	1.8	82.1	1.5
40.0			66.5	2.7	72.8	2.1	76.7	1.7	79.9	1.5
42.0			64.7	2.6	70.9	2.0	74.7	1.6	77.7	1.4
44.0					68.8	1.9	72.6	1.6	75.4	1.4
46.0					66.8	1.8	70.5	1.5	73.0	1.4
48.0					64.6	1.8	68.3	1.5	70.3	1.4
50.0							66.0	1.5	67.6	1.4
52.0									64.6	1.4
Critical boom angle(°)	61		63		63		64		64	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.2	24.0	78.0	24.0	80.6	24.0	82.6	22.6	83.7	20.7
16.0	74.0	21.2	75.9	22.9	78.4	24.0	80.2	21.9	81.3	20.4
18.0	71.6	15.9	73.5	17.3	75.8	19.1	77.7	20.6	78.8	20.2
20.0	69.1	11.9	71.0	13.1	73.3	14.7	75.0	15.9	76.0	16.6
22.0	66.6	8.8	68.5	9.9	70.8	11.2	72.3	12.2	73.2	12.8
24.0			65.9	7.0	68.1	8.4	69.6	9.3	70.3	9.7
26.0					65.4	5.7	66.8	6.7	67.1	7.1
Critical boom angle(°)	65		65		65		66		66	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SJ

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	72.0	12.0	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0	69.9	12.0	73.4	12.0	76.8	12.0	79.4	12.0	81.1	12.0
22.0	67.7	9.8	71.3	11.9	74.6	12.0	77.1	12.0	78.6	12.0
24.0	65.5	7.1	69.1	9.2	72.3	10.9	74.8	12.0	76.2	12.0
26.0			66.8	6.9	69.9	8.5	72.2	9.6	73.4	10.3
28.0					67.4	6.4	69.6	7.5	70.5	8.0
30.0							66.9	5.3	67.6	5.9
Critical boom angle(°)	65		65		65		66		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SJ

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0								
7.0	83.3	12.0								
8.0	82.5	12.0								
9.0	81.6	12.0								
10.0	80.8	12.0								
11.0	80.0	12.0	84.5	12.0						
12.0	79.1	12.0	83.7	12.0						
14.0	77.4	12.0	81.9	12.0						
16.0	75.7	12.0	80.2	12.0	84.4	12.0				
18.0	73.9	12.0	78.4	12.0	82.6	12.0				
20.0	72.1	12.0	76.5	12.0	80.7	12.0	84.1	11.6		
22.0	70.3	11.0	74.7	12.0	78.8	12.0	82.0	11.2	84.3	10.2
24.0	68.1	8.5	72.7	10.9	76.9	12.0	79.8	10.9	81.9	10.0
26.0	65.9	6.2	70.5	8.7	74.8	10.6	77.6	10.6	79.5	9.8
28.0			68.4	6.8	72.5	8.5	75.4	10.0	77.0	9.7
30.0			66.2	4.7	70.2	6.8	72.9	8.0	74.5	8.8
32.0					67.8	4.9	70.4	6.3	71.8	7.0
34.0							67.8	4.6	69.0	5.3
Critical boom angle(°)	65		65		66		66		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0								
7.0	83.8	12.0								
8.0	83.1	12.0								
9.0	82.3	12.0								
10.0	81.6	12.0								
11.0	80.8	12.0								
12.0	80.1	12.0								
14.0	78.5	12.0	84.0	12.0						
16.0	76.9	12.0	82.4	12.0						
18.0	75.3	12.0	80.7	12.0						
20.0	73.7	12.0	79.0	12.0	84.1	10.7				
22.0	72.0	12.0	77.3	11.8	82.2	10.2				
24.0	70.1	9.5	75.5	11.1	80.4	9.7	84.5	8.7		
26.0	68.2	7.5	73.7	10.1	78.5	9.3	82.5	8.4		
28.0	66.1	5.4	71.8	8.2	76.5	8.9	80.5	8.2	83.0	7.3
30.0			69.8	6.5	74.6	8.5	78.4	7.9	80.6	7.2
32.0			67.7	4.8	72.4	6.9	76.3	7.7	78.3	7.1
34.0					70.2	5.5	74.0	6.8	75.8	7.1
36.0					67.8	3.9	71.6	5.5	73.2	6.2
38.0							69.0	4.0	70.5	4.9
40.0									67.6	3.2
Critical boom angle(°)	65		66		66		66.5		67	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.7	10.0	79.8	10.0						
24.0	72.1	10.0	78.2	9.6	83.7	8.1				
26.0	70.3	8.3	76.6	9.0	82.0	7.7				
28.0	68.4	6.6	74.9	8.5	80.2	7.5	84.8	6.3		
30.0	66.6	4.8	73.2	7.7	78.5	7.2	82.9	6.1		
32.0			71.3	6.3	76.7	6.9	80.9	5.9	83.9	5.3
34.0			69.3	4.8	74.8	6.6	78.8	5.8	81.7	5.2
36.0					72.8	5.7	76.7	5.6	79.5	5.1
38.0					70.6	4.4	74.6	5.5	77.1	5.1
40.0					68.3	3.1	72.2	4.8	74.7	5.0
42.0							69.7	3.5	72.0	4.5
44.0									69.0	3.1
Critical boom angle(°)	65		67.5		67.5		68		68	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0	71.9	5.6	78.2	4.0	84.3	3.0				
28.0	70.4	5.2	76.7	3.8	83.0	2.8				
30.0	68.9	4.8	75.2	3.6	81.7	2.7				
32.0			73.5	3.4	80.3	2.5	84.1	2.0		
34.0			71.8	3.2	78.5	2.4	82.3	1.9		
36.0			70.1	3.0	76.6	2.3	80.5	1.8	84.1	1.5
38.0					74.8	2.2	78.6	1.8	82.1	1.5
40.0					72.8	2.1	76.7	1.7	79.9	1.5
42.0					70.9	2.0	74.7	1.6	77.7	1.4
44.0							72.6	1.6	75.4	1.4
46.0							70.5	1.5	73.0	1.4
48.0									70.3	1.4
Critical boom angle(°)	67.5		69		69		69		69	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

40m Boom + 2m + 10.85m SL Jib

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)
6.0	84.1	24.0								
7.0	83.2	24.0								
8.0	82.2	24.0	84.2	24.0						
9.0	81.2	24.0	83.1	24.0						
10.0	80.2	24.0	82.1	24.0	84.9	24.0				
11.0	79.2	24.0	81.1	24.0	83.8	24.0				
12.0	78.2	24.0	80.1	24.0	82.8	24.0	84.7	22.6		
14.0	76.0	20.1	77.9	22.1	80.6	24.0	82.6	22.6	83.7	20.7
16.0	73.6	14.1	75.5	15.7	78.1	17.9	80.0	19.6	81.3	20.4
18.0	71.2	9.9	73.1	11.3	75.5	13.0	77.3	14.4	78.5	15.3
20.0			70.7	8.0	73.0	9.5	74.7	10.6	75.7	11.3
22.0							72.1	7.6	72.9	8.2
Critical boom angle(°)	70		70		71		71		71	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SK

40m Boom + 2m + 15m SL Jib

Offset	0°		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)
5.0	84.3	12.0								
6.0	83.4	12.0								
7.0	82.5	12.0								
8.0	81.6	12.0								
9.0	80.6	12.0	84.6	12.0						
10.0	79.7	12.0	83.6	12.0						
11.0	78.7	12.0	82.6	12.0						
12.0	77.8	12.0	81.5	12.0						
14.0	75.9	12.0	79.5	12.0	83.0	12.0				
16.0	74.0	12.0	77.5	12.0	81.0	12.0	83.7	12.0		
18.0	71.9	10.8	75.4	12.0	78.9	12.0	81.6	12.0	83.4	12.0
20.0			73.3	10.1	76.8	12.0	79.4	12.0	81.1	12.0
22.0			71.2	7.4	74.4	9.2	77.0	10.6	78.6	11.6
24.0					72.1	6.8	74.5	8.0	76.0	8.8
26.0							72.0	5.9	73.2	6.6
Critical boom angle(°)	70		70		71		71		71	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

40m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.2	12.0									
7.0	83.3	12.0									
8.0	82.5	12.0									
9.0	81.6	12.0									
10.0	80.8	12.0									
11.0	80.0	12.0	84.5	12.0							
12.0	79.1	12.0	83.7	12.0							
14.0	77.4	12.0	81.9	12.0							
16.0	75.7	12.0	80.2	12.0	84.4	12.0					
18.0	73.9	12.0	78.4	12.0	82.6	12.0					
20.0	71.9	8.8	76.5	11.8	80.7	12.0	84.1	11.6			
22.0			74.4	9.1	78.8	11.4	82.0	11.2	84.3	10.2	
24.0			72.4	6.9	76.6	8.9	79.8	10.7	81.9	10.0	
26.0					74.4	6.9	77.5	8.4	79.5	9.5	
28.0							75.2	6.5	77.0	7.5	
30.0									74.4	5.7	
Critical boom angle(°)	70		71		73		73		73		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SK

40m Boom + 2m + 25m SL Jib

Offset	0°		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)
6.0	84.6	12.0									
7.0	83.8	12.0									
8.0	83.1	12.0									
9.0	82.3	12.0									
10.0	81.6	12.0									
11.0	80.8	12.0									
12.0	80.1	12.0									
14.0	78.5	12.0	84.0	12.0							
16.0	76.9	12.0	82.4	12.0							
18.0	75.3	12.0	80.7	12.0							
20.0	73.5	9.9	79.0	12.0	84.1	10.7					
22.0	71.7	7.3	77.2	10.5	82.2	10.2					
24.0			75.3	8.2	80.4	9.7	84.5	8.7			
26.0			73.4	6.4	78.4	8.6	82.5	8.4			
28.0					76.3	6.9	80.5	8.2	83.0	7.3	
30.0					74.2	5.4	78.3	6.9	80.6	7.2	
32.0							76.0	5.4	78.2	6.4	
34.0							73.6	4.2	75.7	5.0	
Critical boom angle(°)	70		71.5		73		73		73.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (40m Boom) Lifting Capacity Chart

Specification SK

40m Boom + 2m + 30m SL Jib

Offset	0°		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	84.5	10.0								
8.0	83.8	10.0								
9.0	83.2	10.0								
10.0	82.5	10.0								
11.0	81.8	10.0								
12.0	81.1	10.0								
14.0	79.7	10.0								
16.0	78.3	10.0	84.3	10.0						
18.0	76.8	10.0	82.8	10.0						
20.0	75.2	10.0	81.3	10.0						
22.0	73.4	8.2	79.8	10.0						
24.0			78.1	9.4	83.7	8.1				
26.0			76.3	7.5	82.0	7.7				
28.0			74.4	5.9	80.2	7.5	84.8	6.3		
30.0					78.4	6.7	82.9	6.1		
32.0					76.4	5.4	80.9	5.9	83.9	5.3
34.0							78.8	5.8	81.7	5.2
36.0							76.5	4.6	79.5	5.1
38.0									77.0	4.5
Critical boom angle(°)	72		73		75		75		75	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

40m Boom + 2m + 35m SL Jib

Offset	0°		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	84.3	8.0								
9.0	83.7	8.0								
10.0	83.1	8.0								
11.0	82.4	8.0								
12.0	81.8	8.0								
14.0	80.5	8.0								
16.0	79.2	8.0								
18.0	77.8	7.9	84.0	5.1						
20.0	76.3	7.2	82.6	4.8						
22.0	74.9	6.6	81.2	4.5						
24.0	73.4	6.0	79.7	4.3						
26.0			78.2	4.0						
28.0			76.7	3.8	83.0	2.8				
30.0			75.2	3.6	81.7	2.7				
32.0					80.3	2.5	84.1	2.0		
34.0					78.5	2.4	82.3	1.9		
36.0					76.6	2.3	80.5	1.8	84.1	1.5
38.0							78.6	1.8	82.1	1.5
40.0							76.7	1.7	79.9	1.5
42.0									77.7	1.4
Critical boom angle(°)	72		74		75		75		76	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

45m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.9	24.0										
7.0	84.0	24.0										
8.0	83.2	24.0										
9.0	82.3	24.0	84.2	24.0								
10.0	81.5	24.0	83.3	24.0								
11.0	80.6	24.0	82.4	24.0	84.9	24.0						
12.0	79.7	24.0	81.5	24.0	83.9	24.0						
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6				
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4		
18.0	74.4	24.0	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4		
20.0	72.6	24.0	74.1	23.5	75.9	21.1	77.3	19.3	78.2	18.5		
22.0	70.5	22.2	72.0	21.3	73.8	19.7	75.0	18.2	75.8	17.6		
24.0	68.4	19.8	69.8	19.5	71.7	18.2	72.7	17.3	73.4	16.8		
26.0	66.2	17.8	67.6	17.7	69.4	16.8	70.4	16.2	71.0	16.0		
28.0	63.9	16.1	65.3	16.0	67.0	15.5	68.1	15.0	68.4	14.9		
30.0	61.6	14.6	62.9	14.5	64.6	14.4	65.6	14.0	65.8	14.0		
32.0	59.2	13.1	60.4	13.2	62.1	13.3	63.1	13.1				
34.0	56.6	12.0	57.9	12.0	59.4	12.1	60.4	12.1				
36.0	54.0	10.8	55.3	11.0	56.7	11.0	57.5	11.0				
38.0	51.2	9.1	52.6	9.7	53.9	9.9	54.4	10.0				
40.0	48.3	7.6	49.7	8.0	50.9	8.5	51.2	8.7				
42.0	45.3	6.2	46.7	6.6	47.8	7.0						
44.0	42.0	4.9	43.4	5.2	44.2	5.6						
46.0	38.5	3.7	39.8	4.0	40.3	4.3						
48.0	34.6	2.7	35.9	2.9	36.0	3.1						
Critical boom angle(°)	31		32		32		48		63			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SA

45m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.3	12.0										
7.0	83.5	12.0										
8.0	82.6	12.0										
9.0	81.8	12.0										
10.0	81.0	12.0	84.3	12.0								
11.0	80.1	12.0	83.5	12.0								
12.0	79.3	12.0	82.6	12.0								
14.0	77.6	12.0	80.9	12.0	84.0	12.0						
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0				
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0		
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0		
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0		
24.0	68.8	12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0		
26.0	66.9	12.0	70.0	12.0	72.7	12.0	74.7	12.0	76.0	12.0		
28.0	65.0	12.0	68.1	12.0	70.8	12.0	72.6	12.0	73.7	12.0		
30.0	63.1	12.0	66.1	12.0	68.7	12.0	70.4	12.0	71.3	12.0		
32.0	61.1	12.0	64.1	12.0	66.6	12.0	68.2	12.0	68.7	11.8		
34.0	59.1	12.0	62.1	12.0	64.3	11.5	65.8	11.2	66.1	11.1		
36.0	56.8	11.0	59.8	11.2	61.9	10.8	63.3	10.5				
38.0	54.4	10.0	57.4	10.2	59.5	10.1	60.7	9.9				
40.0	52.0	8.8	54.9	9.4	56.9	9.4	58.0	9.3				
42.0	49.4	7.4	52.4	8.4	54.2	8.7	55.0	8.7				
44.0	46.8	6.2	49.5	7.0	51.3	7.7	51.8	7.8				
46.0	43.8	5.0	46.5	5.8	48.2	6.3						
48.0	40.7	4.0	43.3	4.6	44.8	5.1						
50.0	37.4	3.0	39.9	3.6	41.1	3.9						
52.0	33.8	2.1	36.2	2.6	36.9	2.8						
Critical boom angle(°)	32		33		33		48.5		63.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SA

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0									
7.0	84.0	12.0									
8.0	83.3	12.0									
9.0	82.5	12.0									
10.0	81.8	12.0									
11.0	81.0	12.0									
12.0	80.2	12.0	84.5	12.0							
14.0	78.7	12.0	83.0	12.0							
16.0	77.2	12.0	81.4	12.0							
18.0	75.6	12.0	79.9	12.0	83.7	12.0					
20.0	74.0	12.0	78.3	12.0	82.0	12.0					
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3			
24.0	70.7	12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0	
26.0	69.0	12.0	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9	
28.0	67.3	12.0	71.5	12.0	74.9	11.2	77.6	10.4	79.3	9.7	
30.0	65.5	12.0	69.8	12.0	73.0	10.8	75.6	10.2	77.1	9.6	
32.0	63.7	12.0	67.8	11.2	71.1	10.4	73.5	9.9	74.9	9.5	
34.0	61.9	11.4	65.9	10.6	69.1	10.1	71.4	9.5	72.5	9.1	
36.0	60.0	10.7	63.8	10.2	67.1	9.7	69.1	9.1	70.0	8.9	
38.0	58.1	10.1	61.8	9.7	64.9	9.2	66.8	8.6	67.4	8.5	
40.0	56.2	9.4	59.7	9.1	62.7	8.6	64.5	8.3	64.7	8.2	
42.0	54.1	8.4	57.5	8.5	60.3	8.1	61.9	7.9			
44.0	51.7	7.4	55.1	7.9	57.9	7.6	59.2	7.4			
46.0	49.2	6.3	52.6	7.1	55.3	7.1	56.4	7.0			
48.0	46.5	5.2	50.0	6.2	52.5	6.7	53.3	6.6			
50.0	43.8	4.3	47.2	5.2	49.6	5.8	50.1	6.1			
52.0	40.8	3.4	44.3	4.2	46.4	4.7					
54.0	37.6	2.5	41.1	3.3	42.9	3.7					
56.0	34.2	1.8	37.6	2.4	39.0	2.7					
58.0			33.8	1.6	34.7	1.8					
Critical boom angle(°)	32		33		33		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SA

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0									
8.0	83.9	12.0									
9.0	83.2	12.0									
10.0	82.5	12.0									
11.0	81.8	12.0									
12.0	81.2	12.0									
14.0	79.8	12.0	84.9	12.0							
16.0	78.4	12.0	83.4	12.0							
18.0	77.0	12.0	82.0	12.0							
20.0	75.5	12.0	80.5	12.0							
22.0	74.1	12.0	79.0	12.0	83.4	10.3					
24.0	72.6	12.0	77.4	11.4	81.7	9.8					
26.0	71.1	12.0	75.8	10.7	80.0	9.4	83.5	8.4			
28.0	69.5	11.8	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2	
30.0	67.9	10.9	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2	
32.0	66.2	10.2	70.8	9.1	74.8	8.3	77.9	7.8	80.2	7.1	
34.0	64.5	9.5	69.0	8.7	72.9	8.0	75.9	7.6	78.1	7.1	
36.0	62.8	8.9	67.2	8.3	71.1	7.8	73.9	7.4	75.9	7.0	
38.0	61.0	8.3	65.4	7.9	69.2	7.5	71.8	7.3	73.7	7.0	
40.0	59.2	7.8	63.5	7.5	67.2	7.3	69.7	7.1	71.2	6.8	
42.0	57.3	7.3	61.6	7.2	65.2	7.1	67.6	6.8	68.7	6.7	
44.0	55.2	6.9	59.6	6.9	63.0	6.9	65.4	6.5	66.0	6.5	
46.0	53.2	6.5	57.5	6.6	60.9	6.6	63.1	6.2			
48.0	51.0	6.2	55.4	6.4	58.6	6.2	60.7	6.1			
50.0	48.8	5.3	53.2	6.1	56.2	5.9	57.9	5.8			
52.0	46.5	4.4	50.8	5.5	53.8	5.5	54.9	5.5			
54.0	43.9	3.6	48.2	4.6	50.8	5.2	51.7	5.2			
56.0	41.2	2.9	45.4	3.8	47.8	4.5					
58.0	38.4	2.1	42.5	3.0	44.5	3.5					
60.0	35.3	1.5	39.3	2.2	40.8	2.7					
62.0			35.8	1.5	36.8	1.8					
Critical boom angle(°)	33		33		33		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SA

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.7	9.5	78.2	9.2	82.6	7.8				
28.0	71.3	9.5	76.7	8.7	81.1	7.5				
30.0	69.9	9.5	75.1	8.2	79.6	7.2	83.7	6.1		
32.0	68.4	8.8	73.5	7.7	78.1	7.0	82.0	5.9		
34.0	66.8	8.2	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2
36.0	65.1	7.6	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1
38.0	63.5	7.1	68.7	6.7	73.2	6.2	76.6	5.5	79.0	5.0
40.0	61.8	6.7	67.0	6.4	71.5	6.0	74.7	5.4	76.9	5.0
42.0	60.1	6.3	65.2	6.2	69.7	5.8	72.7	5.3	74.7	5.0
44.0	58.3	6.0	63.5	5.9	67.8	5.6	70.7	5.2	72.3	5.0
46.0	56.5	5.7	61.6	5.6	65.9	5.4	68.6	5.2	69.9	5.0
48.0	54.6	5.4	59.8	5.3	64.0	5.3	66.4	5.1	67.3	5.0
50.0	52.6	5.1	57.8	5.0	61.9	5.1	64.1	5.0	64.6	5.0
52.0	50.4	4.7	55.8	4.8	59.8	5.0	61.6	4.8		
54.0	48.2	4.4	53.8	4.6	57.5	4.8	59.0	4.7		
56.0	45.9	3.8	51.4	4.5	55.2	4.6	56.3	4.5		
58.0	43.5	3.1	48.9	4.2	52.4	4.4	53.3	4.3		
60.0	40.9	2.4	46.2	3.4	49.4	4.1	50.1	4.1		
62.0	38.3	1.8	43.4	2.7	46.3	3.3				
64.0			40.4	2.0	42.8	2.6				
66.0			37.2	1.4	39.0	1.8				
Critical boom angle(°)	36		36		36		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0	70.9	5.1	76.7	3.7	81.9	2.7				
32.0	69.5	4.8	75.2	3.5	80.3	2.6				
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9		
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8		
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5
40.0	63.6	3.8	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5
42.0	62.0	3.6	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4
44.0	60.5	3.4	66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4
46.0	58.8	3.2	64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4
48.0	57.2	3.0	62.7	2.3	67.4	1.8	71.0	1.5	73.0	1.4
50.0	55.5	2.8	60.9	2.2	65.5	1.7	69.0	1.5	70.6	1.4
52.0	53.7	2.7	59.1	2.1	63.5	1.7	67.0	1.5	68.1	1.4
54.0	51.9	2.5	57.2	2.0	61.5	1.6	64.7	1.4	65.6	1.4
56.0	50.0	2.4	55.2	1.9	59.4	1.6	62.3	1.4		
58.0	48.1	2.3	53.2	1.8	57.2	1.5	59.8	1.4		
60.0	46.0	2.2	51.2	1.8	55.0	1.5	57.2	1.4		
62.0	43.9	2.1	49.0	1.7	52.6	1.5	54.4	1.4		
64.0	41.7	2.0	46.7	1.6	50.0	1.4	51.4	1.4		
66.0	39.3	1.5	44.3	1.6	47.2	1.4				
68.0			41.8	1.5	44.2	1.4				
70.0					40.9	1.4				
Critical boom angle(°)	37		39		39		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SB

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9	24.0								
7.0	84.0	24.0								
8.0	83.2	24.0								
9.0	82.3	24.0	84.2	24.0						
10.0	81.5	24.0	83.3	24.0						
11.0	80.6	24.0	82.4	24.0	84.9	24.0				
12.0	79.7	24.0	81.5	24.0	83.9	24.0				
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6		
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4
18.0	74.4	24.0	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4
20.0	72.6	24.0	74.1	23.5	75.9	21.1	77.3	19.3	78.2	18.5
22.0	70.5	22.2	72.0	21.3	73.8	19.7	75.0	18.2	75.8	17.6
24.0	68.4	19.8	69.8	19.5	71.7	18.2	72.7	17.3	73.4	16.8
26.0	66.2	17.8	67.6	17.7	69.4	16.8	70.4	16.2	71.0	16.0
28.0	63.9	16.1	65.3	16.0	67.0	15.5	68.1	15.0	68.4	14.9
30.0	61.6	14.6	62.9	14.5	64.6	14.4	65.6	14.0	65.8	14.0
32.0	59.2	13.1	60.4	13.2	62.1	13.3	63.1	13.1		
34.0	56.5	11.0	57.9	11.7	59.4	12.1	60.4	12.1		
36.0	53.8	9.2	55.2	9.8	56.7	10.4	57.4	10.8		
38.0	51.0	7.5	52.4	8.0	53.8	8.6	54.3	8.9		
40.0	48.2	6.1	49.6	6.5	50.8	7.0	51.1	7.2		
42.0	45.1	4.7	46.6	5.1	47.6	5.5				
44.0	41.8	3.5	43.2	3.9	44.0	4.2				
46.0			39.7	2.7	40.1	2.9				
Critical boom angle(°)	39		39		39		48		63	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SB

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3	12.0								
7.0	83.5	12.0								
8.0	82.6	12.0								
9.0	81.8	12.0								
10.0	81.0	12.0	84.3	12.0						
11.0	80.1	12.0	83.5	12.0						
12.0	79.3	12.0	82.6	12.0						
14.0	77.6	12.0	80.9	12.0	84.0	12.0				
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0
24.0	68.8	12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0
26.0	66.9	12.0	70.0	12.0	72.7	12.0	74.7	12.0	76.0	12.0
28.0	65.0	12.0	68.1	12.0	70.8	12.0	72.6	12.0	73.7	12.0
30.0	63.1	12.0	66.1	12.0	68.7	12.0	70.4	12.0	71.3	12.0
32.0	61.1	12.0	64.1	12.0	66.6	12.0	68.2	12.0	68.7	11.8
34.0	59.1	12.0	62.1	12.0	64.3	11.5	65.8	11.2	66.1	11.1
36.0	56.7	10.4	59.8	11.2	61.9	10.8	63.3	10.5		
38.0	54.2	8.7	57.3	9.9	59.5	10.1	60.7	9.9		
40.0	51.8	7.3	54.8	8.4	56.9	9.2	58.0	9.3		
42.0	49.2	6.0	52.1	6.9	54.0	7.7	54.9	8.0		
44.0	46.5	4.8	49.3	5.6	51.1	6.3	51.7	6.5		
46.0	43.6	3.7	46.3	4.5	48.0	5.0				
48.0	40.4	2.7	43.1	3.4	44.6	3.8				
50.0			39.7	2.4	40.9	2.7				
Critical boom angle(°)	39		39		39		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SB

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0									
7.0	84.0	12.0									
8.0	83.3	12.0									
9.0	82.5	12.0									
10.0	81.8	12.0									
11.0	81.0	12.0									
12.0	80.2	12.0	84.5	12.0							
14.0	78.7	12.0	83.0	12.0							
16.0	77.2	12.0	81.4	12.0							
18.0	75.6	12.0	79.9	12.0	83.7	12.0					
20.0	74.0	12.0	78.3	12.0	82.0	12.0					
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3			
24.0	70.7	12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0	
26.0	69.0	12.0	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9	
28.0	67.3	12.0	71.5	12.0	74.9	11.2	77.6	10.4	79.3	9.7	
30.0	65.5	12.0	69.8	12.0	73.0	10.8	75.6	10.2	77.1	9.6	
32.0	63.7	12.0	67.8	11.2	71.1	10.4	73.5	9.9	74.9	9.5	
34.0	61.9	11.4	65.9	10.6	69.1	10.1	71.4	9.5	72.5	9.1	
36.0	60.0	10.7	63.8	10.2	67.1	9.7	69.1	9.1	70.0	8.9	
38.0	58.1	10.0	61.8	9.7	64.9	9.2	66.8	8.6	67.4	8.5	
40.0	56.0	8.6	59.7	9.1	62.7	8.6	64.5	8.3	64.7	8.2	
42.0	53.9	7.2	57.5	8.5	60.3	8.1	61.9	7.9			
44.0	51.4	6.0	55.0	7.3	57.9	7.6	59.2	7.4			
46.0	48.9	5.0	52.4	6.1	55.3	7.0	56.4	7.0			
48.0	46.3	4.0	49.8	5.0	52.4	5.8	53.3	6.2			
50.0	43.5	3.0	47.0	4.0	49.4	4.6	49.9	4.9			
52.0	40.6	2.2	44.1	3.0	46.2	3.6					
54.0			40.9	2.1	42.7	2.6					
Critical boom angle(°)	39		39		39		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0									
8.0	83.9	12.0									
9.0	83.2	12.0									
10.0	82.5	12.0									
11.0	81.8	12.0									
12.0	81.2	12.0									
14.0	79.8	12.0	84.9	12.0							
16.0	78.4	12.0	83.4	12.0							
18.0	77.0	12.0	82.0	12.0							
20.0	75.5	12.0	80.5	12.0							
22.0	74.1	12.0	79.0	12.0	83.4	10.3					
24.0	72.6	12.0	77.4	11.4	81.7	9.8					
26.0	71.1	12.0	75.8	10.7	80.0	9.4	83.5	8.4			
28.0	69.5	11.8	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2	
30.0	67.9	10.9	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2	
32.0	66.2	10.2	70.8	9.1	74.8	8.3	77.9	7.8	80.2	7.1	
34.0	64.5	9.5	69.0	8.7	72.9	8.0	75.9	7.6	78.1	7.1	
36.0	62.8	8.9	67.2	8.3	71.1	7.8	73.9	7.4	75.9	7.0	
38.0	61.0	8.3	65.4	7.9	69.2	7.5	71.8	7.3	73.7	7.0	
40.0	59.2	7.8	63.5	7.5	67.2	7.3	69.7	7.1	71.2	6.8	
42.0	57.3	7.3	61.6	7.2	65.2	7.1	67.6	6.8	68.7	6.7	
44.0	55.2	6.9	59.6	6.9	63.0	6.9	65.4	6.5	66.0	6.5	
46.0	53.0	6.0	57.5	6.6	60.9	6.6	63.1	6.2			
48.0	50.7	5.0	55.4	6.4	58.6	6.2	60.7	6.1			
50.0	48.5	4.1	53.0	5.4	56.2	5.9	57.9	5.8			
52.0	46.1	3.3	50.5	4.4	53.7	5.3	54.9	5.5			
54.0	43.6	2.5	47.9	3.5	50.7	4.3	51.6	4.7			
56.0	40.9	1.8	45.1	2.7	47.5	3.4					
58.0			42.1	1.9	44.2	2.5					
60.0					40.6	1.6					
Critical boom angle(°)	39		39		39		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.7	9.5	78.2	9.2	82.6	7.8				
28.0	71.3	9.5	76.7	8.7	81.1	7.5				
30.0	69.9	9.5	75.1	8.2	79.6	7.2	83.7	6.1		
32.0	68.4	8.8	73.5	7.7	78.1	7.0	82.0	5.9		
34.0	66.8	8.2	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2
36.0	65.1	7.6	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1
38.0	63.5	7.1	68.7	6.7	73.2	6.2	76.6	5.5	79.0	5.0
40.0	61.8	6.7	67.0	6.4	71.5	6.0	74.7	5.4	76.9	5.0
42.0	60.1	6.3	65.2	6.2	69.7	5.8	72.7	5.3	74.7	5.0
44.0	58.3	6.0	63.5	5.9	67.8	5.6	70.7	5.2	72.3	5.0
46.0	56.5	5.7	61.6	5.6	65.9	5.4	68.6	5.2	69.9	5.0
48.0	54.6	5.4	59.8	5.3	64.0	5.3	66.4	5.1	67.3	5.0
50.0	52.6	5.1	57.8	5.0	61.9	5.1	64.1	5.0	64.6	5.0
52.0	50.3	4.2	55.8	4.8	59.8	5.0	61.6	4.8		
54.0	48.0	3.4	53.8	4.6	57.5	4.8	59.0	4.7		
56.0	45.7	2.7	51.2	3.9	55.2	4.6	56.3	4.5		
58.0	43.3	2.0	48.6	3.1	52.3	4.0	53.3	4.3		
60.0	40.8	1.4	46.0	2.4	49.2	3.2	50.0	3.5		
62.0			43.2	1.7	46.1	2.4				
64.0					42.6	1.6				
Critical boom angle(°)	39		41		41		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SB

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0	70.9	5.1	76.7	3.7	81.9	2.7				
32.0	69.5	4.8	75.2	3.5	80.3	2.6				
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9		
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8		
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5
40.0	63.6	3.8	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5
42.0	62.0	3.6	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4
44.0	60.5	3.4	66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4
46.0	58.8	3.2	64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4
48.0	57.2	3.0	62.7	2.3	67.4	1.8	71.0	1.5	73.0	1.4
50.0	55.5	2.8	60.9	2.2	65.5	1.7	69.0	1.5	70.6	1.4
52.0	53.7	2.7	59.1	2.1	63.5	1.7	67.0	1.5	68.1	1.4
54.0	51.9	2.5	57.2	2.0	61.5	1.6	64.7	1.4	65.6	1.4
56.0	50.0	2.4	55.2	1.9	59.4	1.6	62.3	1.4		
58.0	48.1	2.3	53.2	1.8	57.2	1.5	59.8	1.4		
60.0	46.0	2.2	51.2	1.8	55.0	1.5	57.2	1.4		
62.0	43.7	1.6	49.0	1.7	52.6	1.5	54.4	1.4		
64.0			46.7	1.6	50.0	1.4	51.4	1.4		
66.0			44.3	1.5	47.2	1.4				
68.0					44.2	1.4				
Critical boom angle(°)	42		42		42		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SC

45m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.9	24.0										
7.0	84.0	24.0										
8.0	83.2	24.0										
9.0	82.3	24.0	84.2	24.0								
10.0	81.5	24.0	83.3	24.0								
11.0	80.6	24.0	82.4	24.0	84.9	24.0						
12.0	79.7	24.0	81.5	24.0	83.9	24.0						
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6				
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4		
18.0	74.4	24.0	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4		
20.0	72.6	24.0	74.1	23.5	75.9	21.1	77.3	19.3	78.2	18.5		
22.0	70.5	22.2	72.0	21.3	73.8	19.7	75.0	18.2	75.8	17.6		
24.0	68.4	19.8	69.8	19.5	71.7	18.2	72.7	17.3	73.4	16.8		
26.0	66.2	17.8	67.6	17.7	69.4	16.8	70.4	16.2	71.0	16.0		
28.0	63.9	16.0	65.3	16.0	67.0	15.5	68.1	15.0	68.4	14.9		
30.0	61.4	13.4	62.8	14.2	64.6	14.4	65.6	14.0	65.8	14.0		
32.0	59.0	11.2	60.3	11.9	62.0	12.8	63.1	13.1				
34.0	56.3	9.2	57.7	9.9	59.3	10.6	60.3	11.1				
36.0	53.6	7.5	55.0	8.1	56.5	8.7	57.3	9.1				
38.0	50.9	5.9	52.3	6.4	53.6	7.0	54.2	7.3				
40.0	48.0	4.5	49.4	5.0	50.6	5.5	50.9	5.7				
42.0	45.0	3.3	46.4	3.7	47.4	4.1						
44.0					43.8	2.8						
Critical boom angle(°)	42		43.5		43.5		48		63			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SC

45m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.3	12.0										
7.0	83.5	12.0										
8.0	82.6	12.0										
9.0	81.8	12.0										
10.0	81.0	12.0	84.3	12.0								
11.0	80.1	12.0	83.5	12.0								
12.0	79.3	12.0	82.6	12.0								
14.0	77.6	12.0	80.9	12.0	84.0	12.0						
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0				
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0		
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0		
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0		
24.0	68.8	12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0		
26.0	66.9	12.0	70.0	12.0	72.7	12.0	74.7	12.0	76.0	12.0		
28.0	65.0	12.0	68.1	12.0	70.8	12.0	72.6	12.0	73.7	12.0		
30.0	63.1	12.0	66.1	12.0	68.7	12.0	70.4	12.0	71.3	12.0		
32.0	61.1	12.0	64.1	12.0	66.6	12.0	68.2	12.0	68.7	11.8		
34.0	58.9	10.4	62.0	11.8	64.3	11.5	65.8	11.2	66.1	11.1		
36.0	56.5	8.7	59.6	10.0	61.9	10.8	63.3	10.5				
38.0	54.0	7.1	57.1	8.3	59.4	9.3	60.7	9.9				
40.0	51.5	5.8	54.6	6.8	56.7	7.7	57.9	8.2				
42.0	49.0	4.5	51.9	5.5	53.9	6.2	54.7	6.6				
44.0	46.2	3.4	49.1	4.3	50.9	4.9	51.5	5.2				
46.0	43.3	2.4	46.1	3.1	47.8	3.7						
48.0					44.4	2.5						
Critical boom angle(°)	42		44		44		48.5		63.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SC

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8		12.0								
7.0	84.0		12.0								
8.0	83.3		12.0								
9.0	82.5		12.0								
10.0	81.8		12.0								
11.0	81.0		12.0								
12.0	80.2		12.0	84.5	12.0						
14.0	78.7		12.0	83.0	12.0						
16.0	77.2		12.0	81.4	12.0						
18.0	75.6		12.0	79.9	12.0	83.7	12.0				
20.0	74.0		12.0	78.3	12.0	82.0	12.0				
22.0	72.3		12.0	76.6	12.0	80.3	12.0	83.4	11.3		
24.0	70.7		12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0
26.0	69.0		12.0	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9
28.0	67.3		12.0	71.5	12.0	74.9	11.2	77.6	10.4	79.3	9.7
30.0	65.5		12.0	69.8	12.0	73.0	10.8	75.6	10.2	77.1	9.6
32.0	63.7		12.0	67.8	11.2	71.1	10.4	73.5	9.9	74.9	9.5
34.0	61.9		11.4	65.9	10.6	69.1	10.1	71.4	9.5	72.5	9.1
36.0	59.9		10.0	63.8	10.2	67.1	9.7	69.1	9.1	70.0	8.9
38.0	57.8		8.4	61.8	9.7	64.9	9.2	66.8	8.6	67.4	8.5
40.0	55.7		7.0	59.6	8.5	62.7	8.6	64.5	8.3	64.7	8.2
42.0	53.5		5.8	57.3	7.2	60.3	8.1	61.9	7.9		
44.0	51.1		4.7	54.8	5.9	57.8	6.9	59.2	7.4		
46.0	48.6		3.6	52.3	4.8	55.1	5.6	56.3	6.2		
48.0	46.0		2.7	49.6	3.7	52.2	4.5	53.1	4.9		
50.0	43.3		1.8	46.9	2.7	49.2	3.4	49.8	3.7		
52.0						46.0	2.4				
Critical boom angle(°)	42		44		44		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SC

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6		12.0								
8.0	83.9		12.0								
9.0	83.2		12.0								
10.0	82.5		12.0								
11.0	81.8		12.0								
12.0	81.2		12.0								
14.0	79.8		12.0	84.9	12.0						
16.0	78.4		12.0	83.4	12.0						
18.0	77.0		12.0	82.0	12.0						
20.0	75.5		12.0	80.5	12.0						
22.0	74.1		12.0	79.0	12.0	83.4	10.3				
24.0	72.6		12.0	77.4	11.4	81.7	9.8				
26.0	71.1		12.0	75.8	10.7	80.0	9.4	83.5	8.4		
28.0	69.5		11.8	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2
30.0	67.9		10.9	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2
32.0	66.2		10.2	70.8	9.1	74.8	8.3	77.9	7.8	80.2	7.1
34.0	64.5		9.5	69.0	8.7	72.9	8.0	75.9	7.6	78.1	7.1
36.0	62.8		8.9	67.2	8.3	71.1	7.8	73.9	7.4	75.9	7.0
38.0	61.0		8.3	65.4	7.9	69.2	7.5	71.8	7.3	73.7	7.0
40.0	59.2		7.8	63.5	7.5	67.2	7.3	69.7	7.1	71.2	6.8
42.0	57.2		6.9	61.6	7.2	65.2	7.1	67.6	6.8	68.7	6.7
44.0	55.0		5.8	59.6	6.9	63.0	6.9	65.4	6.5	66.0	6.5
46.0	52.8		4.7	57.4	6.2	60.9	6.6	63.1	6.2		
48.0	50.5		3.8	55.1	5.1	58.6	6.2	60.7	6.1		
50.0	48.2		2.9	52.7	4.1	56.1	5.1	57.9	5.8		
52.0	45.8		2.1	50.2	3.2	53.4	4.1	54.7	4.6		
54.0	43.2		1.4	47.6	2.4	50.4	3.2	51.4	3.6		
56.0				44.8	1.6	47.3	2.3				
Critical boom angle(°)	42		44		44.5		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SC

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.7	9.5	78.2	9.2	82.6	7.8				
28.0	71.3	9.5	76.7	8.7	81.1	7.5				
30.0	69.9	9.5	75.1	8.2	79.6	7.2	83.7	6.1		
32.0	68.4	8.8	73.5	7.7	78.1	7.0	82.0	5.9		
34.0	66.8	8.2	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2
36.0	65.1	7.6	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1
38.0	63.5	7.1	68.7	6.7	73.2	6.2	76.6	5.5	79.0	5.0
40.0	61.8	6.7	67.0	6.4	71.5	6.0	74.7	5.4	76.9	5.0
42.0	60.1	6.3	65.2	6.2	69.7	5.8	72.7	5.3	74.7	5.0
44.0	58.3	6.0	63.5	5.9	67.8	5.6	70.7	5.2	72.3	5.0
46.0	56.5	5.7	61.6	5.6	65.9	5.4	68.6	5.2	69.9	5.0
48.0	54.4	4.7	59.8	5.3	64.0	5.3	66.4	5.1	67.3	5.0
50.0	52.2	3.9	57.8	5.0	61.9	5.1	64.1	5.0	64.6	5.0
52.0	50.0	3.1	55.7	4.5	59.8	5.0	61.6	4.8		
54.0	47.7	2.3	53.4	3.6	57.5	4.7	59.0	4.7		
56.0	45.4	1.6	50.9	2.8	54.9	3.8	56.2	4.4		
58.0			48.4	2.1	52.0	2.9	53.2	3.4		
60.0			45.7	1.4	49.0	2.1	49.9	2.5		
62.0					45.8	1.4				
Critical boom angle(°)	44		44		44.5		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SC

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0	70.9	5.1	76.7	3.7	81.9	2.7				
32.0	69.5	4.8	75.2	3.5	80.3	2.6				
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9		
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8		
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5
40.0	63.6	3.8	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5
42.0	62.0	3.6	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4
44.0	60.5	3.4	66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4
46.0	58.8	3.2	64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4
48.0	57.2	3.0	62.7	2.3	67.4	1.8	71.0	1.5	73.0	1.4
50.0	55.5	2.8	60.9	2.2	65.5	1.7	69.0	1.5	70.6	1.4
52.0	53.7	2.7	59.1	2.1	63.5	1.7	67.0	1.5	68.1	1.4
54.0	51.9	2.5	57.2	2.0	61.5	1.6	64.7	1.4	65.6	1.4
56.0	50.0	2.4	55.2	1.9	59.4	1.6	62.3	1.4	62.7	1.4
58.0	47.8	1.8	53.2	1.8	57.2	1.5	59.8	1.4		
60.0			51.2	1.8	55.0	1.5	57.2	1.4		
62.0			49.0	1.7	52.6	1.5	54.4	1.4		
64.0					50.0	1.4	51.4	1.4		
Critical boom angle(°)	46		47		48		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SD

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9	24.0								
7.0	84.0	24.0								
8.0	83.2	24.0								
9.0	82.3	24.0	84.2	24.0						
10.0	81.5	24.0	83.3	24.0						
11.0	80.6	24.0	82.4	24.0	84.9	24.0				
12.0	79.7	24.0	81.5	24.0	83.9	24.0				
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6		
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4
18.0	74.4	24.0	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4
20.0	72.6	24.0	74.1	23.5	75.9	21.1	77.3	19.3	78.2	18.5
22.0	70.5	22.2	72.0	21.3	73.8	19.7	75.0	18.2	75.8	17.6
24.0	68.4	19.8	69.8	19.5	71.7	18.2	72.7	17.3	73.4	16.8
26.0	66.0	16.5	67.6	17.6	69.4	16.8	70.4	16.2	71.0	16.0
28.0	63.6	13.8	65.2	14.7	67.0	15.5	68.1	15.0	68.4	14.9
30.0	61.2	11.4	62.6	12.2	64.4	13.2	65.6	13.8	65.8	14.0
32.0	58.8	9.3	60.1	10.0	61.8	10.9	63.0	11.4		
34.0	56.2	7.4	57.5	8.1	59.1	8.8	60.1	9.3		
36.0	53.5	5.8	54.9	6.4	56.4	7.0	57.2	7.4		
38.0	50.7	4.3	52.1	4.8	53.5	5.4	54.1	5.7		
40.0	47.8	3.0	49.2	3.5	50.4	4.0	50.8	4.1		
Critical boom angle(°)	45		47		48		48		63	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SD

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3	12.0								
7.0	83.5	12.0								
8.0	82.6	12.0								
9.0	81.8	12.0								
10.0	81.0	12.0	84.3	12.0						
11.0	80.1	12.0	83.5	12.0						
12.0	79.3	12.0	82.6	12.0						
14.0	77.6	12.0	80.9	12.0	84.0	12.0				
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0
24.0	68.8	12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0
26.0	66.9	12.0	70.0	12.0	72.7	12.0	74.7	12.0	76.0	12.0
28.0	65.0	12.0	68.1	12.0	70.8	12.0	72.6	12.0	73.7	12.0
30.0	63.1	12.0	66.1	12.0	68.7	12.0	70.4	12.0	71.3	12.0
32.0	60.9	10.4	64.1	12.0	66.6	12.0	68.2	12.0	68.7	11.8
34.0	58.6	8.6	61.8	10.0	64.3	11.2	65.8	11.2	66.1	11.1
36.0	56.2	7.0	59.4	8.3	61.8	9.4	63.2	10.1		
38.0	53.8	5.5	56.9	6.7	59.2	7.7	60.5	8.3		
40.0	51.3	4.2	54.4	5.3	56.5	6.1	57.6	6.6		
42.0	48.7	3.1	51.7	4.0	53.7	4.8	54.5	5.1		
44.0	46.0	2.0	48.9	2.9	50.8	3.5	51.4	3.8		
Critical boom angle(°)	45		47		48		48.5		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0									
7.0	84.0	12.0									
8.0	83.3	12.0									
9.0	82.5	12.0									
10.0	81.8	12.0									
11.0	81.0	12.0									
12.0	80.2	12.0	84.5	12.0							
14.0	78.7	12.0	83.0	12.0							
16.0	77.2	12.0	81.4	12.0							
18.0	75.6	12.0	79.9	12.0	83.7	12.0					
20.0	74.0	12.0	78.3	12.0	82.0	12.0					
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3			
24.0	70.7	12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0	
26.0	69.0	12.0	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9	
28.0	67.3	12.0	71.5	12.0	74.9	11.2	77.6	10.4	79.3	9.7	
30.0	65.5	12.0	69.8	12.0	73.0	10.8	75.6	10.2	77.1	9.6	
32.0	63.7	11.7	67.8	11.2	71.1	10.4	73.5	9.9	74.9	9.5	
34.0	61.7	9.9	65.9	10.6	69.1	10.1	71.4	9.5	72.5	9.1	
36.0	59.7	8.3	63.8	10.0	67.1	9.7	69.1	9.1	70.0	8.9	
38.0	57.6	6.8	61.6	8.4	64.9	9.2	66.8	8.6	67.4	8.5	
40.0	55.4	5.5	59.3	7.0	62.6	8.2	64.5	8.3	64.7	8.2	
42.0	53.2	4.3	57.0	5.7	60.1	6.8	61.8	7.6			
44.0	50.8	3.3	54.6	4.5	57.6	5.5	59.0	6.1			
46.0	48.3	2.3	52.1	3.4	54.9	4.3	56.1	4.8			
48.0			49.5	2.4	52.0	3.2	53.0	3.6			
50.0					49.0	2.2	49.6	2.5			
Critical boom angle(°)	46		47		48		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SD

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0									
8.0	83.9	12.0									
9.0	83.2	12.0									
10.0	82.5	12.0									
11.0	81.8	12.0									
12.0	81.2	12.0									
14.0	79.8	12.0	84.9	12.0							
16.0	78.4	12.0	83.4	12.0							
18.0	77.0	12.0	82.0	12.0							
20.0	75.5	12.0	80.5	12.0							
22.0	74.1	12.0	79.0	12.0	83.4	10.3					
24.0	72.6	12.0	77.4	11.4	81.7	9.8					
26.0	71.1	12.0	75.8	10.7	80.0	9.4	83.5	8.4			
28.0	69.5	11.8	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2	
30.0	67.9	10.9	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2	
32.0	66.2	10.2	70.8	9.1	74.8	8.3	77.9	7.8	80.2	7.1	
34.0	64.5	9.5	69.0	8.7	72.9	8.0	75.9	7.6	78.1	7.1	
36.0	62.8	8.9	67.2	8.3	71.1	7.8	73.9	7.4	75.9	7.0	
38.0	60.9	7.9	65.4	7.9	69.2	7.5	71.8	7.3	73.7	7.0	
40.0	59.0	6.6	63.5	7.5	67.2	7.3	69.7	7.1	71.2	6.8	
42.0	56.8	5.4	61.6	7.2	65.2	7.1	67.6	6.8	68.7	6.7	
44.0	54.7	4.4	59.4	6.0	63.0	6.9	65.4	6.5	66.0	6.5	
46.0	52.5	3.4	57.1	4.9	60.8	6.1	63.1	6.2			
48.0	50.2	2.5	54.8	3.8	58.3	5.0	60.6	5.7			
50.0	47.9	1.7	52.4	2.9	55.8	3.9	57.6	4.6			
52.0			49.9	2.1	53.1	3.0	54.5	3.5			
54.0					50.1	2.0	51.2	2.4			
Critical boom angle(°)	46		47.5		48		48.5		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SD

45m Boom + 2m + 30m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.4	9.5										
9.0	83.8	9.5										
10.0	83.2	9.5										
11.0	82.5	9.5										
12.0	81.9	9.5										
14.0	80.7	9.5										
16.0	79.4	9.5										
18.0	78.1	9.5	83.8	9.5								
20.0	76.8	9.5	82.4	9.5								
22.0	75.4	9.5	81.1	9.5								
24.0	74.1	9.5	79.7	9.5	84.1	8.1						
26.0	72.7	9.5	78.2	9.2	82.6	7.8						
28.0	71.3	9.5	76.7	8.7	81.1	7.5						
30.0	69.9	9.5	75.1	8.2	79.6	7.2	83.7	6.1				
32.0	68.4	8.8	73.5	7.7	78.1	7.0	82.0	5.9				
34.0	66.8	8.2	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2		
36.0	65.1	7.6	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1		
38.0	63.5	7.1	68.7	6.7	73.2	6.2	76.6	5.5	79.0	5.0		
40.0	61.8	6.7	67.0	6.4	71.5	6.0	74.7	5.4	76.9	5.0		
42.0	60.1	6.3	65.2	6.2	69.7	5.8	72.7	5.3	74.7	5.0		
44.0	58.1	5.3	63.5	5.9	67.8	5.6	70.7	5.2	72.3	5.0		
46.0	56.1	4.3	61.6	5.6	65.9	5.4	68.6	5.2	69.9	5.0		
48.0	54.1	3.5	59.7	5.1	64.0	5.3	66.4	5.1	67.3	5.0		
50.0	51.9	2.6	57.6	4.1	61.9	5.1	64.1	5.0	64.6	5.0		
52.0	49.7	1.9	55.4	3.3	59.6	4.5	61.6	4.8				
54.0			53.1	2.5	57.1	3.6	58.9	4.3				
56.0			50.6	1.7	54.5	2.7	56.0	3.3				
58.0					51.7	1.9	53.0	2.4				
60.0							49.7	1.5				
Critical boom angle(°)	48		49		49		49		63.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SD

45m Boom + 2m + 35m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.9	8.0										
9.0	84.3	8.0										
10.0	83.7	8.0										
11.0	83.1	8.0										
12.0	82.5	8.0										
14.0	81.4	8.0										
16.0	80.2	8.0										
18.0	79.0	8.0										
20.0	77.7	7.5	83.7	4.9								
22.0	76.4	6.8	82.3	4.6								
24.0	75.0	6.3	80.9	4.3								
26.0	73.7	5.8	79.5	4.1								
28.0	72.3	5.4	78.1	3.9	83.5	2.8						
30.0	70.9	5.1	76.7	3.7	81.9	2.7						
32.0	69.5	4.8	75.2	3.5	80.3	2.6						
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9				
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8				
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5		
40.0	63.6	3.8	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5		
42.0	62.0	3.6	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4		
44.0	60.5	3.4	66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4		
46.0	58.8	3.2	64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4		
48.0	57.2	3.0	62.7	2.3	67.4	1.8	71.0	1.5	73.0	1.4		
50.0	55.5	2.8	60.9	2.2	65.5	1.7	69.0	1.5	70.6	1.4		
52.0	53.7	2.7	59.1	2.1	63.5	1.7	67.0	1.5	68.1	1.4		
54.0	51.7	2.0	57.2	2.0	61.5	1.6	64.7	1.4	65.6	1.4		
56.0	49.5	1.4	55.2	1.9	59.4	1.6	62.3	1.4				
58.0			53.2	1.8	57.2	1.5	59.8	1.4				
60.0					55.0	1.5	57.2	1.4				
62.0					52.6	1.5	54.4	1.4				
64.0							51.4	1.4				
Critical boom angle(°)	48		49		50		50		63.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SE

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9		24.0								
7.0	84.0		24.0								
8.0	83.2		24.0								
9.0	82.3		24.0	84.2	24.0						
10.0	81.5		24.0	83.3	24.0						
11.0	80.6		24.0	82.4	24.0	84.9	24.0				
12.0	79.7		24.0	81.5	24.0	83.9	24.0				
14.0	78.0		24.0	79.7	24.0	81.9	24.0	83.9	22.6		
16.0	76.2		24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4
18.0	74.4		24.0	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4
20.0	72.6		23.7	74.1	23.5	75.9	21.1	77.3	19.3	78.2	18.5
22.0	70.3		19.4	71.9	20.7	73.8	19.7	75.0	18.2	75.8	17.6
24.0	68.0		15.9	69.6	17.1	71.7	18.2	72.7	17.3	73.4	16.8
26.0	65.6		13.0	67.3	14.0	69.2	15.3	70.4	16.2	71.0	16.0
28.0	63.3		10.5	64.8	11.4	66.7	12.5	67.9	13.3	68.3	13.6
30.0	60.9		8.3	62.3	9.1	64.2	10.1	65.3	10.8	65.5	11.0
32.0	58.5		6.4	59.8	7.1	61.6	8.0	62.7	8.6		
34.0	55.9		4.7	57.3	5.4	58.9	6.1	59.8	6.6		
36.0	53.2		3.2	54.7	3.8	56.1	4.5	56.9	4.8		
38.0						53.2	3.0	53.9	3.3		
Critical boom angle(°)	51		52		52		52		63		
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton		
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88		
Parts of line	2		2		2		2		2		

Specification SE

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3		12.0								
7.0	83.5		12.0								
8.0	82.6		12.0								
9.0	81.8		12.0								
10.0	81.0		12.0	84.3	12.0						
11.0	80.1		12.0	83.5	12.0						
12.0	79.3		12.0	82.6	12.0						
14.0	77.6		12.0	80.9	12.0	84.0	12.0				
16.0	75.9		12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.1		12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0	72.4		12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0	70.6		12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0
24.0	68.8		12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0
26.0	66.9		12.0	70.0	12.0	72.7	12.0	74.7	12.0	76.0	12.0
28.0	65.0		11.6	68.1	12.0	70.8	12.0	72.6	12.0	73.7	12.0
30.0	62.7		9.4	66.0	11.2	68.7	12.0	70.4	12.0	71.3	12.0
32.0	60.5		7.5	63.8	9.1	66.4	10.5	68.1	11.4	68.7	11.8
34.0	58.2		5.9	61.5	7.3	64.0	8.5	65.6	9.4	66.0	9.7
36.0	55.9		4.4	59.1	5.7	61.5	6.8	62.9	7.5		
38.0	53.5		3.1	56.6	4.3	58.9	5.2	60.1	5.8		
40.0				54.0	3.0	56.2	3.8	57.3	4.3		
42.0						53.5	2.6	54.3	2.9		
Critical boom angle(°)	52		52		52		52		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SE

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.0	12.0								
8.0	83.3	12.0								
9.0	82.5	12.0								
10.0	81.8	12.0								
11.0	81.0	12.0								
12.0	80.2	12.0	84.5	12.0						
14.0	78.7	12.0	83.0	12.0						
16.0	77.2	12.0	81.4	12.0						
18.0	75.6	12.0	79.9	12.0	83.7	12.0				
20.0	74.0	12.0	78.3	12.0	82.0	12.0				
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3		
24.0	70.7	12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0
26.0	69.0	12.0	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9
28.0	67.3	12.0	71.5	12.0	74.9	11.2	77.6	10.4	79.3	9.7
30.0	65.4	10.7	69.8	12.0	73.0	10.8	75.6	10.2	77.1	9.6
32.0	63.3	8.8	67.8	10.9	71.1	10.4	73.5	9.9	74.9	9.5
34.0	61.3	7.2	65.7	9.1	69.1	10.1	71.4	9.5	72.5	9.1
36.0	59.3	5.7	63.5	7.5	67.0	9.0	69.1	9.1	70.0	8.9
38.0	57.2	4.4	61.2	6.0	64.6	7.4	66.8	8.4	67.4	8.5
40.0	55.0	3.2	59.0	4.7	62.2	5.9	64.3	6.8	64.6	7.2
42.0	52.8	2.2	56.7	3.5	59.8	4.6	61.6	5.4		
44.0			54.3	2.4	57.2	3.4	58.8	4.1		
46.0					54.6	2.3	55.8	2.8		
48.0							52.7	1.7		
Critical boom angle(°)	52		52		52		52		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0								
8.0	83.9	12.0								
9.0	83.2	12.0								
10.0	82.5	12.0								
11.0	81.8	12.0								
12.0	81.2	12.0								
14.0	79.8	12.0	84.9	12.0						
16.0	78.4	12.0	83.4	12.0						
18.0	77.0	12.0	82.0	12.0						
20.0	75.5	12.0	80.5	12.0						
22.0	74.1	12.0	79.0	12.0	83.4	10.3				
24.0	72.6	12.0	77.4	11.4	81.7	9.8				
26.0	71.1	12.0	75.8	10.7	80.0	9.4	83.5	8.4		
28.0	69.5	11.8	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2
30.0	67.9	10.9	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2
32.0	66.2	10.0	70.8	9.1	74.8	8.3	77.9	7.8	80.2	7.1
34.0	64.3	8.3	69.0	8.7	72.9	8.0	75.9	7.6	78.1	7.1
36.0	62.4	6.8	67.2	8.3	71.1	7.8	73.9	7.4	75.9	7.0
38.0	60.4	5.5	65.4	7.5	69.2	7.5	71.8	7.3	73.7	7.0
40.0	58.4	4.3	63.3	6.2	67.2	7.3	69.7	7.1	71.2	6.8
42.0	56.4	3.3	61.1	5.0	65.0	6.5	67.6	6.8	68.7	6.7
44.0	54.2	2.3	58.9	3.9	62.7	5.2	65.3	6.2	66.0	6.5
46.0			56.7	2.9	60.4	4.1	62.8	5.0		
48.0			54.3	1.9	57.9	3.1	60.1	3.8		
50.0					55.4	2.1	57.1	2.7		
52.0							54.1	1.7		
Critical boom angle(°)	52.5		53		53		53		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.7	9.5	78.2	9.2	82.6	7.8				
28.0	71.3	9.5	76.7	8.7	81.1	7.5				
30.0	69.9	9.5	75.1	8.2	79.6	7.2	83.7	6.1		
32.0	68.4	8.8	73.5	7.7	78.1	7.0	82.0	5.9		
34.0	66.8	8.2	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2
36.0	65.1	7.6	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1
38.0	63.3	6.5	68.7	6.7	73.2	6.2	76.6	5.5	79.0	5.0
40.0	61.4	5.3	67.0	6.4	71.5	6.0	74.7	5.4	76.9	5.0
42.0	59.5	4.2	65.2	6.2	69.7	5.8	72.7	5.3	74.7	5.0
44.0	57.5	3.2	63.2	5.1	67.8	5.6	70.7	5.2	72.3	5.0
46.0	55.5	2.4	61.2	4.1	65.9	5.4	68.6	5.2	69.9	5.0
48.0	53.5	1.5	59.1	3.2	63.7	4.6	66.4	5.1	67.3	5.0
50.0			57.0	2.3	61.3	3.6	64.0	4.6	64.6	5.0
52.0			54.8	1.5	58.9	2.7	61.3	3.6		
54.0					56.5	1.9	58.5	2.6		
56.0							55.7	1.7		
Critical boom angle(°)	53		54		54		54		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0	70.9	5.1	76.7	3.7	81.9	2.7				
32.0	69.5	4.8	75.2	3.5	80.3	2.6				
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9		
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8		
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5
40.0	63.6	3.8	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5
42.0	62.0	3.6	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4
44.0	60.5	3.4	66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4
46.0	58.8	3.2	64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4
48.0	56.9	2.4	62.7	2.3	67.4	1.8	71.0	1.5	73.0	1.4
50.0	55.0	1.6	60.9	2.2	65.5	1.7	69.0	1.5	70.6	1.4
52.0			59.1	2.1	63.5	1.7	67.0	1.5	68.1	1.4
54.0			57.1	1.9	61.5	1.6	64.7	1.4	65.6	1.4
56.0					59.4	1.6	62.3	1.4	62.7	1.4
58.0					57.2	1.5	59.8	1.4		
60.0							57.2	1.4		
Critical boom angle(°)	53		55		55		55		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9	24.0								
7.0	84.0	24.0								
8.0	83.2	24.0								
9.0	82.3	24.0	84.2	24.0						
10.0	81.5	24.0	83.3	24.0						
11.0	80.6	24.0	82.4	24.0	84.9	24.0				
12.0	79.7	24.0	81.5	24.0	83.9	24.0				
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6		
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4
18.0	74.4	24.0	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4
20.0	72.4	20.8	74.0	22.3	75.9	21.1	77.3	19.3	78.2	18.5
22.0	70.0	16.9	71.7	18.2	73.8	19.7	75.0	18.2	75.8	17.6
24.0	67.7	13.6	69.4	14.7	71.5	16.2	72.7	17.3	73.4	16.8
26.0	65.4	10.8	67.1	11.8	69.0	13.1	70.3	14.1	70.8	14.5
28.0	63.1	8.5	64.6	9.4	66.5	10.5	67.8	11.3	68.2	11.6
30.0	60.7	6.4	62.2	7.2	64.0	8.2	65.1	8.9	65.4	9.1
32.0	58.3	4.6	59.7	5.4	61.4	6.2	62.5	6.8		
34.0	55.7	3.1	57.1	3.7	58.7	4.5	59.7	4.9		
36.0					56.0	2.9	56.8	3.3		
Critical boom angle(°)	54		55		55		55		63	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SF

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3	12.0								
7.0	83.5	12.0								
8.0	82.6	12.0								
9.0	81.8	12.0								
10.0	81.0	12.0	84.3	12.0						
11.0	80.1	12.0	83.5	12.0						
12.0	79.3	12.0	82.6	12.0						
14.0	77.6	12.0	80.9	12.0	84.0	12.0				
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0
24.0	68.8	12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0
26.0	66.9	11.9	70.0	12.0	72.7	12.0	74.7	12.0	76.0	12.0
28.0	64.7	9.6	68.0	11.5	70.8	12.0	72.6	12.0	73.7	12.0
30.0	62.5	7.6	65.9	9.3	68.6	10.8	70.4	11.9	71.3	12.0
32.0	60.3	5.8	63.6	7.4	66.2	8.7	67.9	9.7	68.6	10.2
34.0	58.0	4.2	61.3	5.7	63.8	6.9	65.4	7.7	65.8	8.1
36.0	55.6	2.9	58.9	4.2	61.3	5.3	62.7	6.0		
38.0			56.4	2.8	58.7	3.8	59.9	4.4		
40.0					56.1	2.5	57.1	2.9		
Critical boom angle(°)	54		55		55		55		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SF

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.0	12.0								
8.0	83.3	12.0								
9.0	82.5	12.0								
10.0	81.8	12.0								
11.0	81.0	12.0								
12.0	80.2	12.0	84.5	12.0						
14.0	78.7	12.0	83.0	12.0						
16.0	77.2	12.0	81.4	12.0						
18.0	75.6	12.0	79.9	12.0	83.7	12.0				
20.0	74.0	12.0	78.3	12.0	82.0	12.0				
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3		
24.0	70.7	12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0
26.0	69.0	12.0	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9
28.0	67.1	10.9	71.5	12.0	74.9	11.2	77.6	10.4	79.3	9.7
30.0	65.2	8.9	69.7	11.2	73.0	10.8	75.6	10.2	77.1	9.6
32.0	63.1	7.1	67.6	9.2	71.1	10.4	73.5	9.9	74.9	9.5
34.0	61.1	5.5	65.5	7.5	69.0	9.1	71.4	9.5	72.5	9.1
36.0	59.1	4.2	63.3	5.9	66.8	7.5	69.1	8.6	70.0	8.9
38.0	56.9	2.9	61.0	4.6	64.4	5.9	66.6	6.9	67.3	7.4
40.0	54.7	1.8	58.8	3.3	62.0	4.6	64.1	5.4	64.4	5.8
42.0			56.5	2.2	59.6	3.3	61.4	4.1		
44.0					57.1	2.2	58.6	2.8		
46.0							55.7	1.6		
Critical boom angle(°)	54		55		55		55		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0								
8.0	83.9	12.0								
9.0	83.2	12.0								
10.0	82.5	12.0								
11.0	81.8	12.0								
12.0	81.2	12.0								
14.0	79.8	12.0	84.9	12.0						
16.0	78.4	12.0	83.4	12.0						
18.0	77.0	12.0	82.0	12.0						
20.0	75.5	12.0	80.5	12.0						
22.0	74.1	12.0	79.0	12.0	83.4	10.3				
24.0	72.6	12.0	77.4	11.4	81.7	9.8				
26.0	71.1	12.0	75.8	10.7	80.0	9.4	83.5	8.4		
28.0	69.5	11.8	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2
30.0	67.7	10.0	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2
32.0	65.8	8.2	70.8	9.1	74.8	8.3	77.9	7.8	80.2	7.1
34.0	64.0	6.7	69.0	8.7	72.9	8.0	75.9	7.6	78.1	7.1
36.0	62.1	5.3	67.1	7.4	71.1	7.8	73.9	7.4	75.9	7.0
38.0	60.1	4.0	65.0	6.0	69.2	7.5	71.8	7.3	73.7	7.0
40.0	58.1	2.9	63.0	4.8	67.0	6.4	69.7	7.1	71.2	6.8
42.0	56.1	1.9	60.8	3.6	64.7	5.1	67.5	6.3	68.7	6.7
44.0			58.6	2.6	62.5	4.0	65.1	5.0	65.9	5.5
46.0			56.4	1.7	60.1	2.9	62.5	3.8		
48.0					57.7	1.9	59.8	2.7		
50.0							56.9	1.6		
Critical boom angle(°)	55		55		56		56		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SF

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.7	9.5	78.2	9.2	82.6	7.8				
28.0	71.3	9.5	76.7	8.7	81.1	7.5				
30.0	69.9	9.5	75.1	8.2	79.6	7.2	83.7	6.1		
32.0	68.4	8.8	73.5	7.7	78.1	7.0	82.0	5.9		
34.0	66.6	7.6	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2
36.0	64.8	6.2	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1
38.0	62.9	5.0	68.7	6.7	73.2	6.2	76.6	5.5	79.0	5.0
40.0	61.0	3.9	66.9	6.1	71.5	6.0	74.7	5.4	76.9	5.0
42.0	59.1	2.9	64.9	4.9	69.7	5.8	72.7	5.3	74.7	5.0
44.0	57.2	2.0	62.9	3.9	67.8	5.6	70.7	5.2	72.3	5.0
46.0			60.8	2.9	65.6	4.5	68.6	5.2	69.9	5.0
48.0			58.8	2.0	63.3	3.5	66.3	4.6	67.3	5.0
50.0					60.9	2.5	63.7	3.5	64.5	4.0
52.0					58.6	1.7	61.0	2.5		
54.0							58.3	1.6		
Critical boom angle(°)	56		57		57		57		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0	70.9	5.1	76.7	3.7	81.9	2.7				
32.0	69.5	4.8	75.2	3.5	80.3	2.6				
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9		
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8		
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5
40.0	63.6	3.8	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5
42.0	62.0	3.6	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4
44.0	60.2	2.8	66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4
46.0	58.4	2.0	64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4
48.0			62.7	2.3	67.4	1.8	71.0	1.5	73.0	1.4
50.0			60.9	2.2	65.5	1.7	69.0	1.5	70.6	1.4
52.0			58.8	1.5	63.5	1.7	67.0	1.5	68.1	1.4
54.0					61.5	1.6	64.7	1.4	65.6	1.4
56.0					59.3	1.4	62.3	1.4		
58.0							59.8	1.4		
Critical boom angle(°)	57		57		58		58		63.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

45m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.9	24.0										
7.0	84.0	24.0										
8.0	83.2	24.0										
9.0	82.3	24.0	84.2	24.0								
10.0	81.5	24.0	83.3	24.0								
11.0	80.6	24.0	82.4	24.0	84.9	24.0						
12.0	79.7	24.0	81.5	24.0	83.9	24.0						
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6				
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4		
18.0	74.3	22.6	76.2	24.0	77.9	22.6	79.6	20.5	80.6	19.4		
20.0	72.1	18.0	73.8	19.5	75.9	21.1	77.3	19.3	78.2	18.5		
22.0	69.8	14.3	71.5	15.6	73.6	17.3	75.0	18.2	75.8	17.6		
24.0	67.5	11.3	69.2	12.4	71.3	13.8	72.6	14.9	73.3	15.5		
26.0	65.2	8.7	66.9	9.7	68.8	11.0	70.1	11.9	70.7	12.4		
28.0	62.9	6.5	64.4	7.4	66.3	8.5	67.6	9.3	68.0	9.6		
30.0	60.5	4.5	62.0	5.4	63.8	6.4	65.0	7.0	65.2	7.3		
32.0	58.1	2.9	59.5	3.6	61.2	4.5	62.3	5.1				
34.0					58.6	2.8	59.5	3.3				
Critical boom angle(°)	56		58		58		58		63			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SG

45m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.3	12.0										
7.0	83.5	12.0										
8.0	82.6	12.0										
9.0	81.8	12.0										
10.0	81.0	12.0	84.3	12.0								
11.0	80.1	12.0	83.5	12.0								
12.0	79.3	12.0	82.6	12.0								
14.0	77.6	12.0	80.9	12.0	84.0	12.0						
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0				
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0		
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0		
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0		
24.0	68.8	12.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0		
26.0	66.7	9.8	70.0	11.9	72.7	12.0	74.7	12.0	76.0	12.0		
28.0	64.5	7.6	67.9	9.5	70.7	11.2	72.6	12.0	73.7	12.0		
30.0	62.3	5.7	65.7	7.4	68.4	8.9	70.2	10.1	71.2	10.7		
32.0	60.0	4.1	63.4	5.6	66.1	7.0	67.7	7.9	68.4	8.4		
34.0	57.7	2.6	61.1	4.0	63.6	5.2	65.2	6.1	65.7	6.4		
36.0			58.7	2.6	61.1	3.7	62.5	4.4				
38.0					58.6	2.3	59.7	2.9				
Critical boom angle(°)	56		58		58		58		63.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SG

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0									
7.0	84.0	12.0									
8.0	83.3	12.0									
9.0	82.5	12.0									
10.0	81.8	12.0									
11.0	81.0	12.0									
12.0	80.2	12.0	84.5	12.0							
14.0	78.7	12.0	83.0	12.0							
16.0	77.2	12.0	81.4	12.0							
18.0	75.6	12.0	79.9	12.0	83.7	12.0					
20.0	74.0	12.0	78.3	12.0	82.0	12.0					
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3			
24.0	70.7	12.0	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0	
26.0	68.9	11.1	73.2	12.0	76.7	11.9	79.5	10.7	81.4	9.9	
28.0	66.9	8.9	71.5	11.4	74.9	11.2	77.6	10.4	79.3	9.7	
30.0	64.9	7.0	69.5	9.3	73.0	10.8	75.6	10.2	77.1	9.6	
32.0	62.9	5.4	67.4	7.5	71.0	9.3	73.5	9.9	74.9	9.5	
34.0	60.9	3.9	65.3	5.8	68.8	7.5	71.3	8.8	72.5	9.1	
36.0	58.8	2.6	63.1	4.4	66.5	5.9	68.9	7.1	69.9	7.7	
38.0			60.8	3.1	64.2	4.5	66.4	5.5	67.1	6.0	
40.0			58.6	1.9	61.8	3.2	63.9	4.0	64.2	4.4	
42.0					59.4	2.0	61.2	2.7			
44.0							58.4	1.5			
Critical boom angle(°)	57		58		58		58		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SG

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0									
8.0	83.9	12.0									
9.0	83.2	12.0									
10.0	82.5	12.0									
11.0	81.8	12.0									
12.0	81.2	12.0									
14.0	79.8	12.0	84.9	12.0							
16.0	78.4	12.0	83.4	12.0							
18.0	77.0	12.0	82.0	12.0							
20.0	75.5	12.0	80.5	12.0							
22.0	74.1	12.0	79.0	12.0	83.4	10.3					
24.0	72.6	12.0	77.4	11.4	81.7	9.8					
26.0	71.1	12.0	75.8	10.7	80.0	9.4	83.5	8.4			
28.0	69.2	10.0	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2	
30.0	67.4	8.1	72.5	9.6	76.5	8.7	79.8	8.0	82.2	7.2	
32.0	65.5	6.5	70.7	9.0	74.8	8.3	77.9	7.8	80.2	7.1	
34.0	63.6	5.0	68.8	7.4	72.9	8.0	75.9	7.6	78.1	7.1	
36.0	61.7	3.7	66.8	5.9	71.1	7.8	73.9	7.4	75.9	7.0	
38.0	59.8	2.6	64.7	4.6	69.0	6.4	71.8	7.3	73.7	7.0	
40.0	57.8	1.5	62.6	3.4	66.7	5.0	69.6	6.3	71.2	6.8	
42.0			60.5	2.3	64.5	3.8	67.3	5.0	68.5	5.6	
44.0			58.3	1.3	62.2	2.7	64.8	3.7	65.7	4.2	
46.0					59.9	1.7	62.3	2.6			
48.0							59.5	1.5			
Critical boom angle(°)	57		58		58		58		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SG

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5									
9.0	83.8	9.5									
10.0	83.2	9.5									
11.0	82.5	9.5									
12.0	81.9	9.5									
14.0	80.7	9.5									
16.0	79.4	9.5									
18.0	78.1	9.5	83.8	9.5							
20.0	76.8	9.5	82.4	9.5							
22.0	75.4	9.5	81.1	9.5							
24.0	74.1	9.5	79.7	9.5	84.1	8.1					
26.0	72.7	9.5	78.2	9.2	82.6	7.8					
28.0	71.3	9.5	76.7	8.7	81.1	7.5					
30.0	69.8	9.1	75.1	8.2	79.6	7.2	83.7	6.1			
32.0	68.0	7.4	73.5	7.7	78.1	7.0	82.0	5.9			
34.0	66.2	6.0	71.9	7.4	76.5	6.7	80.2	5.8	83.2	5.2	
36.0	64.4	4.7	70.3	7.0	74.9	6.4	78.4	5.7	81.1	5.1	
38.0	62.5	3.5	68.4	5.9	73.2	6.2	76.6	5.5	79.0	5.0	
40.0	60.7	2.5	66.5	4.7	71.5	6.0	74.7	5.4	76.9	5.0	
42.0			64.5	3.6	69.5	5.4	72.7	5.3	74.7	5.0	
44.0			62.5	2.6	67.4	4.3	70.7	5.2	72.3	5.0	
46.0					65.2	3.3	68.4	4.5	69.9	5.0	
48.0					62.9	2.3	66.0	3.4	67.2	4.0	
50.0							63.4	2.4	64.3	2.9	
Critical boom angle(°)	59		61		61		61		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SG

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0									
9.0	84.3	8.0									
10.0	83.7	8.0									
11.0	83.1	8.0									
12.0	82.5	8.0									
14.0	81.4	8.0									
16.0	80.2	8.0									
18.0	79.0	8.0									
20.0	77.7	7.5	83.7	4.9							
22.0	76.4	6.8	82.3	4.6							
24.0	75.0	6.3	80.9	4.3							
26.0	73.7	5.8	79.5	4.1							
28.0	72.3	5.4	78.1	3.9	83.5	2.8					
30.0	70.9	5.1	76.7	3.7	81.9	2.7					
32.0	69.5	4.8	75.2	3.5	80.3	2.6					
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9			
36.0	66.6	4.2	72.3	3.1	77.3	2.3	81.7	1.8			
38.0	65.1	4.0	70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5	
40.0	63.4	3.3	69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5	
42.0	61.6	2.4	67.8	2.7	72.5	2.0	76.5	1.7	79.4	1.4	
44.0			66.2	2.5	70.9	2.0	74.7	1.6	77.4	1.4	
46.0			64.5	2.4	69.2	1.9	72.9	1.6	75.2	1.4	
48.0			62.6	2.0	67.4	1.8	71.0	1.5	73.0	1.4	
50.0					65.5	1.7	69.0	1.5	70.6	1.4	
52.0					63.5	1.7	67.0	1.5	68.1	1.4	
54.0							64.7	1.4	65.6	1.4	
Critical boom angle(°)	60		61		62		63		63.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SH

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9	24.0								
7.0	84.0	24.0								
8.0	83.2	24.0								
9.0	82.3	24.0	84.2	24.0						
10.0	81.5	24.0	83.3	24.0						
11.0	80.6	24.0	82.4	24.0	84.9	24.0				
12.0	79.7	24.0	81.5	24.0	83.9	24.0				
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6		
16.0	76.2	24.0	78.0	24.0	80.0	24.0	81.8	21.9	83.0	20.4
18.0	74.1	19.4	76.0	21.1	77.9	22.6	79.6	20.5	80.6	19.4
20.0	71.9	15.2	73.6	16.6	75.7	18.5	77.3	19.3	78.2	18.5
22.0	69.6	11.8	71.3	13.0	73.4	14.7	74.9	16.0	75.8	16.6
24.0	67.3	8.9	69.0	10.0	71.1	11.5	72.4	12.6	73.1	13.2
26.0	64.9	6.5	66.6	7.5	68.6	8.8	69.9	9.7	70.5	10.2
28.0			64.2	5.4	66.1	6.5	67.4	7.3	67.8	7.6
30.0							64.8	5.2	65.0	5.4
Critical boom angle(°)	63		63		64		64		64	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SH

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3	12.0								
7.0	83.5	12.0								
8.0	82.6	12.0								
9.0	81.8	12.0								
10.0	81.0	12.0	84.3	12.0						
11.0	80.1	12.0	83.5	12.0						
12.0	79.3	12.0	82.6	12.0						
14.0	77.6	12.0	80.9	12.0	84.0	12.0				
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0	70.6	12.0	73.7	12.0	76.6	12.0	78.8	12.0	80.4	12.0
24.0	68.5	10.0	71.9	12.0	74.7	12.0	76.8	12.0	78.2	12.0
26.0	66.4	7.6	69.8	9.7	72.7	11.5	74.7	12.0	76.0	12.0
28.0	64.2	5.6	67.7	7.5	70.5	9.2	72.4	10.3	73.6	10.9
30.0			65.5	5.6	68.2	7.1	70.1	8.2	71.0	8.7
32.0							67.6	6.2	68.3	6.7
34.0							65.0	4.4	65.6	4.7
Critical boom angle(°)	63		64		64		64		64	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.0	12.0								
8.0	83.3	12.0								
9.0	82.5	12.0								
10.0	81.8	12.0								
11.0	81.0	12.0								
12.0	80.2	12.0	84.5	12.0						
14.0	78.7	12.0	83.0	12.0						
16.0	77.2	12.0	81.4	12.0						
18.0	75.6	12.0	79.9	12.0	83.7	12.0				
20.0	74.0	12.0	78.3	12.0	82.0	12.0				
22.0	72.3	12.0	76.6	12.0	80.3	12.0	83.4	11.3		
24.0	70.6	11.3	74.9	12.0	78.6	12.0	81.5	10.9	83.5	10.0
26.0	68.7	8.9	73.2	11.6	76.7	11.9	79.5	10.7	81.4	9.9
28.0	66.7	6.9	71.3	9.4	74.9	11.2	77.6	10.4	79.3	9.7
30.0	64.7	5.1	69.3	7.4	72.8	9.3	75.6	10.2	77.1	9.6
32.0			67.2	5.7	70.7	7.6	73.4	8.7	74.9	9.4
34.0			65.0	4.1	68.5	5.9	71.1	7.1	72.3	7.7
36.0					66.3	4.3	68.7	5.5	69.7	6.1
38.0							66.2	3.9	66.9	4.4
Critical boom angle(°)	63		64		64		64		64.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0								
8.0	83.9	12.0								
9.0	83.2	12.0								
10.0	82.5	12.0								
11.0	81.8	12.0								
12.0	81.2	12.0								
14.0	79.8	12.0	84.9	12.0						
16.0	78.4	12.0	83.4	12.0						
18.0	77.0	12.0	82.0	12.0						
20.0	75.5	12.0	80.5	12.0						
22.0	74.1	12.0	79.0	12.0	83.4	10.3				
24.0	72.6	12.0	77.4	11.4	81.7	9.8				
26.0	70.8	10.1	75.8	10.7	80.0	9.4	83.5	8.4		
28.0	68.9	8.0	74.1	10.1	78.3	9.0	81.7	8.2	84.2	7.2
30.0	67.1	6.3	72.3	8.9	76.5	8.7	79.8	8.0	82.2	7.2
32.0	65.2	4.7	70.4	7.3	74.8	8.3	77.9	7.8	80.2	7.1
34.0			68.5	5.7	72.9	7.6	75.9	7.6	78.1	7.1
36.0			66.5	4.3	70.8	6.3	73.9	7.4	75.9	7.0
38.0					68.7	4.9	71.7	6.2	73.7	6.9
40.0					66.4	3.4	69.4	4.9	71.1	5.6
42.0							67.0	3.4	68.3	4.1
Critical boom angle(°)	64		65		65		65		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.7	9.5	78.2	9.2	82.6	7.8				
28.0	71.2	9.0	76.7	8.7	81.1	7.5				
30.0	69.5	7.2	75.1	8.2	79.6	7.2	83.7	6.1		
32.0	67.7	5.7	73.5	7.7	78.1	7.0	82.0	5.9		
34.0			71.8	7.0	76.5	6.7	80.2	5.8	83.2	5.2
36.0			70.0	5.7	74.9	6.4	78.4	5.7	81.1	5.1
38.0			68.0	4.3	73.2	6.2	76.6	5.5	79.0	5.0
40.0					71.3	5.3	74.7	5.4	76.9	5.0
42.0					69.1	4.0	72.7	5.3	74.7	5.0
44.0							70.5	4.3	72.3	5.0
46.0							68.1	3.1	69.7	3.9
Critical boom angle(°)	66		67		67.5		67.5		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0	70.9	5.1	76.7	3.7	81.9	2.7				
32.0	69.5	4.8	75.2	3.5	80.3	2.6				
34.0	68.1	4.5	73.8	3.3	78.8	2.4	83.4	1.9		
36.0			72.3	3.1	77.3	2.3	81.7	1.8		
38.0			70.8	3.0	75.7	2.2	80.0	1.8	83.3	1.5
40.0			69.3	2.8	74.2	2.1	78.2	1.7	81.5	1.5
42.0					72.5	2.0	76.5	1.7	79.4	1.4
44.0					70.9	2.0	74.7	1.6	77.4	1.4
46.0					69.2	1.9	72.9	1.6	75.2	1.4
48.0							71.0	1.5	73.0	1.4
50.0							69.0	1.5	70.6	1.4
Critical boom angle(°)	66.5		68		68		68		68.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9	24.0								
7.0	84.0	24.0								
8.0	83.2	24.0								
9.0	82.3	24.0	84.2	24.0						
10.0	81.5	24.0	83.3	24.0						
11.0	80.6	24.0	82.4	24.0	84.9	24.0				
12.0	79.7	24.0	81.5	24.0	83.9	24.0				
14.0	78.0	24.0	79.7	24.0	81.9	24.0	83.9	22.6		
16.0	76.0	21.0	77.9	22.9	80.0	24.0	81.8	21.9	83.0	20.4
18.0	73.9	15.8	75.7	17.2	77.7	19.2	79.6	20.5	80.6	19.4
20.0	71.6	11.7	73.3	13.0	75.5	14.7	77.1	15.9	78.1	16.7
22.0	69.3	8.4	71.0	9.8	73.2	11.2	74.6	12.3	75.5	12.9
24.0					70.8	8.5	72.2	9.4	72.9	9.8
Critical boom angle(°)	68		69		69		70		71	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SJ

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3	12.0								
7.0	83.5	12.0								
8.0	82.6	12.0								
9.0	81.8	12.0								
10.0	81.0	12.0	84.3	12.0						
11.0	80.1	12.0	83.5	12.0						
12.0	79.3	12.0	82.6	12.0						
14.0	77.6	12.0	80.9	12.0	84.0	12.0				
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.1	12.0	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0	72.4	12.0	75.6	12.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0	70.3	9.4	73.7	11.8	76.6	12.0	78.8	12.0	80.4	12.0
24.0			71.7	9.2	74.6	10.9	76.8	12.0	78.2	12.0
26.0			69.6	6.8	72.4	8.5	74.5	9.6	75.8	10.4
28.0					70.2	6.3	72.2	7.5	73.3	8.1
Critical boom angle(°)	69		69		69		70		71	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.0	12.0								
8.0	83.3	12.0								
9.0	82.5	12.0								
10.0	81.8	12.0								
11.0	81.0	12.0								
12.0	80.2	12.0	84.5	12.0						
14.0	78.7	12.0	83.0	12.0						
16.0	77.2	12.0	81.4	12.0						
18.0	75.6	12.0	79.9	12.0	83.7	12.0				
20.0	74.0	12.0	78.3	12.0	82.0	12.0				
22.0	72.2	10.6	76.6	12.0	80.3	12.0	83.4	11.3		
24.0	70.3	8.0	74.8	10.8	78.6	12.0	81.5	10.9	83.5	10.0
26.0			72.9	8.5	76.6	10.5	79.5	10.7	81.4	9.9
28.0			71.0	6.6	74.6	8.5	77.5	9.9	79.3	9.7
30.0					72.5	6.7	75.3	8.0	77.0	8.9
32.0					70.4	4.8	73.1	6.3	74.6	7.1
34.0							70.8	4.6	72.1	5.4
Critical boom angle(°)	69		69.5		69.5		70		71	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0								
8.0	83.9	12.0								
9.0	83.2	12.0								
10.0	82.5	12.0								
11.0	81.8	12.0								
12.0	81.2	12.0								
14.0	79.8	12.0	84.9	12.0						
16.0	78.4	12.0	83.4	12.0						
18.0	77.0	12.0	82.0	12.0						
20.0	75.5	12.0	80.5	12.0						
22.0	74.0	11.5	79.0	12.0	83.4	10.3				
24.0	72.2	9.0	77.4	11.4	81.7	9.8				
26.0	70.4	6.9	75.7	9.9	80.0	9.4	83.5	8.4		
28.0			73.8	8.0	78.3	9.0	81.7	8.2	84.2	7.2
30.0			71.9	6.3	76.5	8.4	79.8	8.0	82.2	7.2
32.0					74.5	6.8	77.9	7.8	80.2	7.1
34.0					72.5	5.3	75.8	6.8	78.1	7.1
36.0							73.6	5.4	75.8	6.3
38.0							71.4	3.9	73.4	4.9
Critical boom angle(°)	69		70.5		70.5		70.5		71	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SJ

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0	75.4	9.5	81.1	9.5						
24.0	74.1	9.5	79.7	9.5	84.1	8.1				
26.0	72.4	7.7	78.2	9.2	82.6	7.8				
28.0			76.7	8.7	81.1	7.5				
30.0			75.0	7.5	79.6	7.2	83.7	6.1		
32.0			73.2	6.0	78.1	7.0	82.0	5.9		
34.0					76.5	6.7	80.2	5.8	83.2	5.2
36.0					74.7	5.5	78.4	5.7	81.1	5.1
38.0							76.6	5.5	79.0	5.0
40.0							74.5	4.7	76.9	5.0
42.0									74.6	4.5
Critical boom angle(°)	71		72		73		73		73	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0	76.4	6.8	82.3	4.6						
24.0	75.0	6.3	80.9	4.3						
26.0	73.7	5.8	79.5	4.1						
28.0	72.3	5.4	78.1	3.9	83.5	2.8				
30.0			76.7	3.7	81.9	2.7				
32.0			75.2	3.5	80.3	2.6				
34.0			73.8	3.3	78.8	2.4	83.4	1.9		
36.0					77.3	2.3	81.7	1.8		
38.0					75.7	2.2	80.0	1.8	83.3	1.5
40.0					74.2	2.1	78.2	1.7	81.5	1.5
42.0							76.5	1.7	79.4	1.4
44.0							74.7	1.6	77.4	1.4
46.0									75.2	1.4
Critical boom angle(°)	71		72.5		73		73		73.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SK

45m Boom + 2m + 10.85m SL Jib

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)
6.0	84.9	24.0								
7.0	84.0	24.0								
8.0	83.2	24.0								
9.0	82.3	24.0	84.2	24.0						
10.0	81.5	24.0	83.3	24.0						
11.0	80.6	24.0	82.4	24.0	84.9	24.0				
12.0	79.7	24.0	81.5	24.0	83.9	24.0				
14.0	77.7	19.3	79.6	21.7	81.9	24.0	83.9	22.6		
16.0	75.6	13.6	77.5	15.7	79.6	17.9	81.6	19.6	83.0	20.4
18.0			75.3	11.0	77.4	13.0	79.1	14.5	80.3	15.4
20.0					75.2	9.5	76.7	10.7	77.7	11.4
Critical boom angle(°)	73.5		74		74		75		76	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SK

45m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.3	12.0								
7.0	83.5	12.0								
8.0	82.6	12.0								
9.0	81.8	12.0								
10.0	81.0	12.0	84.3	12.0						
11.0	80.1	12.0	83.5	12.0						
12.0	79.3	12.0	82.6	12.0						
14.0	77.6	12.0	80.9	12.0	84.0	12.0				
16.0	75.9	12.0	79.1	12.0	82.2	12.0	84.7	12.0		
18.0	74.0	10.1	77.4	12.0	80.4	12.0	82.8	12.0	84.6	12.0
20.0			75.4	10.0	78.5	12.0	80.8	12.0	82.5	12.0
22.0					76.4	9.1	78.7	10.6	80.4	11.7
24.0							76.5	8.1	77.9	8.9
Critical boom angle(°)	73.5		74		75		75		76	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SK

45m Boom + 2m + 20m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.0	12.0								
8.0	83.3	12.0								
9.0	82.5	12.0								
10.0	81.8	12.0								
11.0	81.0	12.0								
12.0	80.2	12.0	84.5	12.0						
14.0	78.7	12.0	83.0	12.0						
16.0	77.2	12.0	81.4	12.0						
18.0	75.6	11.3	79.9	12.0	83.7	12.0				
20.0			78.2	11.7	82.0	12.0				
22.0			76.4	8.9	80.2	11.3				
24.0					78.2	8.8	83.4	11.3		
26.0							81.4	10.7	83.5	10.0
28.0								8.4	81.4	9.5
30.0								77.2	79.1	7.5
									76.7	5.7
Critical boom angle(°)	74		75		75		75.5		76	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

45m Boom + 2m + 25m SL Jib

Offset	0°		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	84.6	12.0								
8.0	83.9	12.0								
9.0	83.2	12.0								
10.0	82.5	12.0								
11.0	81.8	12.0								
12.0	81.2	12.0								
14.0	79.8	12.0	84.9	12.0						
16.0	78.4	12.0	83.4	12.0						
18.0	77.0	12.0	82.0	12.0						
20.0	75.2	9.0	80.5	12.0						
22.0			78.8	10.3	83.4	10.3				
24.0			77.0	8.1	81.7	9.8				
26.0					79.9	8.5	83.5	8.4		
28.0							81.7	8.2	84.2	7.2
30.0								6.9	82.2	7.2
32.0								77.6	80.1	6.4
34.0									77.8	5.0
Critical boom angle(°)	74		75.5		76.5		76.5		77	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (45m Boom) Lifting Capacity Chart

Specification SK

45m Boom + 2m + 30m SL Jib

Offset	0°		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	84.4	9.5								
9.0	83.8	9.5								
10.0	83.2	9.5								
11.0	82.5	9.5								
12.0	81.9	9.5								
14.0	80.7	9.5								
16.0	79.4	9.5								
18.0	78.1	9.5	83.8	9.5						
20.0	76.8	9.5	82.4	9.5						
22.0			81.1	9.5						
24.0			79.7	9.2	84.1	8.1				
26.0			77.9	7.3	82.6	7.8				
28.0					81.1	7.5				
30.0					79.5	6.6	83.7	6.1		
32.0					77.7	5.3	82.0	5.9		
34.0							80.2	5.7	83.2	5.2
36.0									81.1	5.1
Critical boom angle(°)	75.5		76.5		76.5		78.5		79	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

45m Boom + 2m + 35m SL Jib

Offset	0°		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	84.9	8.0								
9.0	84.3	8.0								
10.0	83.7	8.0								
11.0	83.1	8.0								
12.0	82.5	8.0								
14.0	81.4	8.0								
16.0	80.2	8.0								
18.0	79.0	8.0								
20.0	77.7	7.5	83.7	4.9						
22.0			82.3	4.6						
24.0			80.9	4.3						
26.0			79.5	4.1						
28.0			78.1	3.9	83.5	2.8				
30.0					81.9	2.7				
32.0					80.3	2.6				
34.0					78.8	2.4	83.4	1.9		
36.0							81.7	1.8		
38.0							80.0	1.8	83.3	1.5
40.0									81.5	1.5
Critical boom angle(°)	76.5		77		77.5		78.5		79.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7
20.0	74.9	21.0	76.3	21.0	78.1	20.0	79.2	18.6	80.1	17.7
22.0	72.9	20.0	74.3	19.6	76.2	18.3	77.2	17.4	78.0	16.8
24.0	70.9	18.4	72.4	17.8	74.2	16.7	75.2	16.0	75.8	15.7
26.0	68.9	16.4	70.4	16.0	72.1	15.3	73.2	14.8	73.6	14.6
28.0	66.9	14.7	68.3	14.5	70.1	14.1	71.1	13.7	71.4	13.5
30.0	64.7	13.3	66.3	13.1	68.0	13.0	68.9	12.6	69.1	12.6
32.0	62.6	11.9	64.1	11.8	65.8	12.0	66.7	11.7	66.7	11.7
34.0	60.4	10.7	61.9	10.7	63.4	10.8	64.5	10.9		
36.0	58.1	9.5	59.6	9.7	61.0	9.8	61.9	9.8		
38.0	55.8	8.3	57.3	8.5	58.5	8.8	59.3	8.9		
40.0	53.3	7.2	54.8	7.4	55.9	7.9	56.6	8.0		
42.0	50.8	6.1	52.2	6.5	53.2	6.9	53.8	7.0		
44.0	48.2	4.8	49.4	5.2	50.4	5.7	50.8	5.8		
46.0	45.5	3.7	46.5	4.0	47.5	4.4				
48.0			43.5	2.9	44.3	3.2				
Critical boom angle(°)	43		43		43		48		65	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SA

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0
26.0	69.5	12.0	72.5	12.0	75.1	12.0	76.9	12.0	77.9	12.0
28.0	67.9	12.0	70.9	12.0	73.4	12.0	75.1	12.0	75.9	12.0
30.0	66.2	12.0	69.2	12.0	71.7	12.0	73.0	11.8	73.8	11.6
32.0	64.3	11.7	67.2	11.9	69.6	11.3	70.9	11.0	71.6	10.8
34.0	62.4	10.7	65.3	10.9	67.6	10.5	68.8	10.2	69.4	10.1
36.0	60.4	9.7	63.3	9.9	65.4	9.7	66.6	9.5	67.1	9.4
38.0	58.4	8.8	61.2	9.1	63.2	9.0	64.3	8.8		
40.0	56.3	7.9	59.0	8.2	61.0	8.4	62.0	8.3		
42.0	54.1	6.9	56.8	7.4	58.6	7.5	59.6	7.7		
44.0	51.7	6.0	54.6	6.5	56.1	6.7	57.0	6.9		
46.0	49.3	4.8	52.0	5.6	53.5	6.0	54.3	6.2		
48.0	46.7	3.8	49.3	4.6	50.7	5.1	51.4	5.3		
50.0	44.0	2.8	46.5	3.5	47.8	4.0				
52.0			43.6	2.5	44.7	2.9				
Critical boom angle(°)	43		43		43		48.5		65	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SA

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6										
8.0	84.0										
9.0	83.3										
10.0	82.7										
11.0	82.0										
12.0	81.3										
14.0	80.0										
16.0	78.6										
18.0	77.3										
20.0	75.9										
22.0	74.5										
24.0	73.0										
26.0	71.6										
28.0	70.1										
30.0	68.6										
32.0	67.1										
34.0	65.3										
36.0	63.5										
38.0	61.6										
40.0	59.7										
42.0	57.8										
44.0	55.8										
46.0	53.5										
48.0	51.3										
50.0	48.9										
52.0	46.4										
54.0	43.9										
56.0											
Critical boom angle(°)	43		43		43.5		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SA

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4										
9.0	83.8										
10.0	83.2										
11.0	82.6										
12.0	82.0										
14.0	80.7										
16.0	79.5										
18.0	78.2										
20.0	76.9										
22.0	75.6										
24.0	74.3										
26.0	73.0										
28.0	71.6										
30.0	70.3										
32.0	68.9										
34.0	67.5										
36.0	65.8										
38.0	64.1										
40.0	62.4										
42.0	60.6										
44.0	58.8										
46.0	57.0										
48.0	55.0										
50.0	53.0										
52.0	50.9										
54.0	48.7										
56.0	46.5										
58.0	44.1										
60.0											
62.0											
Critical boom angle(°)	43		43		43.5		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SA

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5									
9.0	84.3	8.5									
10.0	83.8	8.5									
11.0	83.2	8.5									
12.0	82.6	8.5									
14.0	81.5	8.5									
16.0	80.3	8.5									
18.0	79.2	8.5	84.5	8.5							
20.0	78.0	8.5	83.3	8.5							
22.0	76.8	8.5	82.1	8.5							
24.0	75.6	8.5	80.9	8.5							
26.0	74.4	8.5	79.7	8.5	84.3	7.8					
28.0	73.2	8.5	78.4	8.5	82.9	7.5					
30.0	71.9	8.5	77.0	8.4	81.4	7.3					
32.0	70.7	8.5	75.6	8.0	80.0	7.0	83.5	5.9			
34.0	69.4	8.5	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2	
36.0	68.0	8.1	72.7	7.3	77.0	6.5	80.3	5.7	82.6	5.1	
38.0	66.5	7.5	71.2	6.9	75.5	6.3	78.7	5.6	80.8	5.1	
40.0	65.0	7.1	69.7	6.5	73.9	6.1	77.0	5.5	78.9	5.0	
42.0	63.4	6.6	68.2	6.2	72.3	5.9	75.3	5.4	77.0	5.0	
44.0	61.9	6.2	66.6	6.0	70.6	5.7	73.6	5.3	75.1	5.0	
46.0	60.3	5.9	64.9	5.7	68.9	5.5	71.6	5.2	72.9	4.9	
48.0	58.7	5.6	63.2	5.5	67.1	5.4	69.6	5.1	70.6	4.9	
50.0	56.8	5.1	61.4	5.2	65.3	5.0	67.6	4.8	68.3	4.7	
52.0	54.8	4.5	59.6	4.8	63.4	4.7	65.5	4.6			
54.0	52.8	4.1	57.8	4.3	61.3	4.4	63.3	4.3			
56.0	50.7	3.4	55.7	3.9	59.1	4.1	60.9	4.0			
58.0	48.6	2.7	53.5	3.5	56.9	3.7	58.4	3.8			
60.0	46.4	2.0	51.2	3.1	54.6	3.3	55.7	3.5			
62.0	44.1	1.4	48.9	2.5	52.1	2.9	52.9	3.1			
64.0			46.4	1.8	49.5	2.5	49.9	2.7			
66.0					46.7	1.8					
Critical boom angle(°)	43		44		44		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SA

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0									
10.0	84.2	7.0									
11.0	83.7	7.0									
12.0	83.2	7.0									
14.0	82.1	7.0									
16.0	81.1	7.0									
18.0	80.0	7.0									
20.0	78.9	7.0	84.5	4.9							
22.0	77.9	7.0	83.2	4.6							
24.0	76.6	6.6	82.0	4.4							
26.0	75.4	6.1	80.7	4.2							
28.0	74.1	5.7	79.4	4.0	84.3	2.8					
30.0	72.9	5.3	78.1	3.8	82.9	2.7					
32.0	71.6	5.0	76.8	3.6	81.5	2.6					
34.0	70.3	4.7	75.4	3.4	80.1	2.5	84.3	1.9			
36.0	69.0	4.4	74.1	3.2	78.7	2.4	82.8	1.8			
38.0	67.7	4.2	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5	
40.0	66.3	4.0	71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4	
42.0	64.9	3.8	69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4	
44.0	63.5	3.6	68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4	
46.0	62.0	3.4	67.0	2.5	71.2	1.9	74.8	1.6	76.9	1.4	
48.0	60.5	3.2	65.5	2.4	69.6	1.9	73.1	1.5	75.1	1.4	
50.0	59.0	3.0	64.0	2.3	68.0	1.8	71.4	1.5	73.1	1.4	
52.0	57.4	2.9	62.4	2.2	66.3	1.7	69.6	1.5	70.9	1.3	
54.0	55.8	2.7	60.8	2.1	64.5	1.7	67.6	1.4	68.7	1.3	
56.0	54.1	2.6	59.1	2.0	62.7	1.6	65.5	1.4	66.2	1.3	
58.0	52.4	2.4	57.4	1.9	60.9	1.6	63.4	1.4			
60.0	50.6	2.3	55.5	1.8	59.0	1.5	61.2	1.4			
62.0	48.7	2.2	53.6	1.8	57.0	1.5	58.9	1.4			
64.0	46.8	1.6	51.7	1.7	54.9	1.5	56.4	1.4			
66.0			49.6	1.7	52.7	1.4	53.8	1.4			
68.0			47.5	1.6	50.3	1.4	51.0	1.4			
70.0					47.8	1.4					
Critical boom angle(°)	45		45		46		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SB

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7
20.0	74.9	21.0	76.3	21.0	78.1	20.0	79.2	18.6	80.1	17.7
22.0	72.9	20.0	74.3	19.6	76.2	18.3	77.2	17.4	78.0	16.8
24.0	70.9	18.4	72.4	17.8	74.2	16.7	75.2	16.0	75.8	15.7
26.0	68.9	16.4	70.4	16.0	72.1	15.3	73.2	14.8	73.6	14.6
28.0	66.9	14.7	68.3	14.5	70.1	14.1	71.1	13.7	71.4	13.5
30.0	64.7	13.3	66.3	13.1	68.0	13.0	68.9	12.6	69.1	12.6
32.0	62.6	11.9	64.1	11.8	65.8	12.0	66.7	11.7	66.7	11.7
34.0	60.4	10.7	61.9	10.7	63.4	10.8	64.5	10.9		
36.0	58.0	9.1	59.6	9.7	61.0	9.8	61.9	9.8		
38.0	55.6	7.4	57.2	8.0	58.5	8.7	59.3	8.9		
40.0	53.2	6.0	54.7	6.5	55.8	7.1	56.5	7.4		
42.0	50.6	4.6	52.0	5.1	53.0	5.6	53.6	5.8		
44.0	48.0	3.4	49.2	3.8	50.2	4.3	50.5	4.4		
46.0			46.2	2.7	47.2	3.0				
Critical boom angle(°)	45.5		45.5		46		48		65	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SB

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0
26.0	69.5	12.0	72.5	12.0	75.1	12.0	76.9	12.0	77.9	12.0
28.0	67.9	12.0	70.9	12.0	73.4	12.0	75.1	12.0	75.9	12.0
30.0	66.2	12.0	69.2	12.0	71.7	12.0	73.0	11.8	73.8	11.6
32.0	64.3	11.7	67.2	11.9	69.6	11.3	70.9	11.0	71.6	10.8
34.0	62.4	10.7	65.3	10.9	67.6	10.5	68.8	10.2	69.4	10.1
36.0	60.4	9.7	63.3	9.9	65.4	9.7	66.6	9.5	67.1	9.4
38.0	58.3	8.6	61.2	9.1	63.2	9.0	64.3	8.8		
40.0	56.1	7.1	59.0	8.2	61.0	8.4	62.0	8.3		
42.0	53.9	5.8	56.7	6.8	58.6	7.5	59.6	7.7		
44.0	51.5	4.6	54.4	5.6	56.0	6.3	57.0	6.7		
46.0	49.0	3.5	51.7	4.4	53.3	5.0	54.1	5.3		
48.0	46.3	2.5	49.0	3.3	50.5	3.8	51.2	4.1		
50.0			46.3	2.3	47.6	2.8				
Critical boom angle(°)	45.5		45.5		46		48.5		65	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SB

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0									
8.0	84.0	12.0									
9.0	83.3	12.0									
10.0	82.7	12.0									
11.0	82.0	12.0									
12.0	81.3	12.0									
14.0	80.0	12.0	84.0	12.0							
16.0	78.6	12.0	82.6	12.0							
18.0	77.3	12.0	81.2	12.0	84.8	12.0					
20.0	75.9	12.0	79.8	12.0	83.3	12.0					
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3			
24.0	73.0	12.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9	
26.0	71.6	12.0	75.4	12.0	78.6	11.9	81.2	10.7	82.8	9.9	
28.0	70.1	12.0	73.9	12.0	76.9	11.4	79.4	10.5	80.9	9.7	
30.0	68.6	12.0	72.4	12.0	75.2	11.0	77.6	10.1	79.0	9.6	
32.0	67.1	12.0	70.6	11.1	73.5	10.4	75.8	9.6	77.1	9.2	
34.0	65.3	11.0	68.8	10.3	71.7	9.7	73.9	9.2	75.0	8.8	
36.0	63.5	10.0	67.0	9.5	69.8	9.0	71.9	8.7	72.7	8.5	
38.0	61.6	9.2	65.1	8.8	67.8	8.4	69.8	8.2	70.5	8.1	
40.0	59.7	8.3	63.2	8.2	65.8	7.8	67.6	7.6	68.1	7.6	
42.0	57.7	7.0	61.2	7.6	63.7	7.3	65.4	7.1			
44.0	55.6	5.8	59.2	6.9	61.5	6.8	63.1	6.7			
46.0	53.3	4.7	56.9	5.9	59.3	6.3	60.7	6.2			
48.0	51.0	3.7	54.6	4.8	57.0	5.6	58.2	5.8			
50.0	48.7	2.8	52.2	3.8	54.5	4.6	55.5	5.0			
52.0	46.3	1.9	49.7	2.9	51.8	3.6	52.6	3.9			
54.0			47.1	2.0	49.1	2.6	49.5	2.8			
Critical boom angle(°)	45.5		45.5		46.5		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0									
9.0	83.8	10.0									
10.0	83.2	10.0									
11.0	82.6	10.0									
12.0	82.0	10.0									
14.0	80.7	10.0									
16.0	79.5	10.0	84.2	10.0							
18.0	78.2	10.0	83.0	10.0							
20.0	76.9	10.0	81.7	10.0							
22.0	75.6	10.0	80.4	10.0	84.5	10.0					
24.0	74.3	10.0	79.0	10.0	83.0	9.9					
26.0	73.0	10.0	77.7	10.0	81.5	9.5	84.9	8.4			
28.0	71.6	10.0	76.4	10.0	79.9	9.1	83.3	8.2			
30.0	70.3	10.0	74.8	9.9	78.3	8.8	81.6	8.0	83.7	7.2	
32.0	68.9	10.0	73.2	9.4	76.8	8.5	80.0	7.8	81.8	7.1	
34.0	67.5	10.0	71.6	8.9	75.2	8.2	78.3	7.6	79.9	7.1	
36.0	65.8	9.4	70.0	8.5	73.4	7.9	76.5	7.5	78.0	7.0	
38.0	64.1	8.8	68.3	8.1	71.7	7.7	74.6	7.2	75.9	6.9	
40.0	62.4	8.3	66.6	7.8	69.9	7.4	72.7	6.9	73.9	6.6	
42.0	60.6	7.6	64.8	7.2	68.1	6.9	70.7	6.6	71.7	6.4	
44.0	58.8	6.8	62.9	6.7	66.2	6.4	68.7	6.3	69.4	6.1	
46.0	56.9	5.7	61.0	6.2	64.3	6.0	66.6	5.9	67.1	5.8	
48.0	54.8	4.7	59.1	5.7	62.3	5.6	64.5	5.5			
50.0	52.7	3.8	57.1	5.1	60.3	5.2	62.1	5.1			
52.0	50.6	3.0	54.8	4.2	58.0	4.8	59.6	4.8			
54.0	48.4	2.2	52.5	3.3	55.6	4.2	57.0	4.5			
56.0	46.2	1.4	50.2	2.5	53.0	3.3	54.1	3.7			
58.0			47.7	1.7	50.3	2.4	51.0	2.8			
60.0					47.5	1.6					
Critical boom angle(°)	45.5		46		46.5		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9		8.5								
9.0	84.3		8.5								
10.0	83.8		8.5								
11.0	83.2		8.5								
12.0	82.6		8.5								
14.0	81.5		8.5								
16.0	80.3		8.5								
18.0	79.2		8.5	84.5	8.5						
20.0	78.0		8.5	83.3	8.5						
22.0	76.8		8.5	82.1	8.5						
24.0	75.6		8.5	80.9	8.5						
26.0	74.4		8.5	79.7	8.5	84.3	7.8				
28.0	73.2		8.5	78.4	8.5	82.9	7.5				
30.0	71.9		8.5	77.0	8.4	81.4	7.3				
32.0	70.7		8.5	75.6	8.0	80.0	7.0	83.5	5.9		
34.0	69.4		8.5	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2
36.0	68.0		8.1	72.7	7.3	77.0	6.5	80.3	5.7	82.6	5.1
38.0	66.5		7.5	71.2	6.9	75.5	6.3	78.7	5.6	80.8	5.1
40.0	65.0		7.1	69.7	6.5	73.9	6.1	77.0	5.5	78.9	5.0
42.0	63.4		6.6	68.2	6.2	72.3	5.9	75.3	5.4	77.0	5.0
44.0	61.9		6.2	66.6	6.0	70.6	5.7	73.6	5.3	75.1	5.0
46.0	60.3		5.9	64.9	5.7	68.9	5.5	71.6	5.2	72.9	4.9
48.0	58.7		5.6	63.2	5.5	67.1	5.4	69.6	5.1	70.6	4.9
50.0	56.6		4.7	61.4	5.2	65.3	5.0	67.6	4.8	68.3	4.7
52.0	54.6		3.9	59.6	4.8	63.4	4.7	65.5	4.6		
54.0	52.4		3.1	57.8	4.3	61.3	4.4	63.3	4.3		
56.0	50.3		2.3	55.6	3.7	59.1	4.1	60.9	4.0		
58.0	48.2		1.7	53.2	2.9	56.9	3.7	58.4	3.8		
60.0				50.9	2.2	54.5	3.1	55.7	3.5		
62.0				48.5	1.5	51.8	2.3	52.8	2.7		
64.0						49.0	1.5	49.6	1.9		
Critical boom angle(°)	47		47		47		48.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7		7.0								
10.0	84.2		7.0								
11.0	83.7		7.0								
12.0	83.2		7.0								
14.0	82.1		7.0								
16.0	81.1		7.0								
18.0	80.0		7.0								
20.0	78.9		7.0	84.5	4.9						
22.0	77.9		7.0	83.2	4.6						
24.0	76.6		6.6	82.0	4.4						
26.0	75.4		6.1	80.7	4.2						
28.0	74.1		5.7	79.4	4.0	84.3	2.8				
30.0	72.9		5.3	78.1	3.8	82.9	2.7				
32.0	71.6		5.0	76.8	3.6	81.5	2.6				
34.0	70.3		4.7	75.4	3.4	80.1	2.5	84.3	1.9		
36.0	69.0		4.4	74.1	3.2	78.7	2.4	82.8	1.8		
38.0	67.7		4.2	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5
40.0	66.3		4.0	71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4
42.0	64.9		3.8	69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4
44.0	63.5		3.6	68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4
46.0	62.0		3.4	67.0	2.5	71.2	1.9	74.8	1.6	76.9	1.4
48.0	60.5		3.2	65.5	2.4	69.6	1.9	73.1	1.5	75.1	1.4
50.0	59.0		3.0	64.0	2.3	68.0	1.8	71.4	1.5	73.1	1.4
52.0	57.4		2.9	62.4	2.2	66.3	1.7	69.6	1.5	70.9	1.3
54.0	55.8		2.7	60.8	2.1	64.5	1.7	67.6	1.4	68.7	1.3
56.0	54.1		2.6	59.1	2.0	62.7	1.6	65.5	1.4	66.2	1.3
58.0	52.4		2.4	57.4	1.9	60.9	1.6	63.4	1.4		
60.0	50.3		1.8	55.5	1.8	59.0	1.5	61.2	1.4		
62.0				53.6	1.8	57.0	1.5	58.9	1.4		
64.0				51.7	1.7	54.9	1.5	56.4	1.4		
66.0						52.7	1.4	53.8	1.4		
68.0						50.3	1.4	51.0	1.4		
Critical boom angle(°)	49		49.5		49.5		49.5		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SC

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7
20.0	74.9	21.0	76.3	21.0	78.1	20.0	79.2	18.6	80.1	17.7
22.0	72.9	20.0	74.3	19.6	76.2	18.3	77.2	17.4	78.0	16.8
24.0	70.9	18.4	72.4	17.8	74.2	16.7	75.2	16.0	75.8	15.7
26.0	68.9	16.4	70.4	16.0	72.1	15.3	73.2	14.8	73.6	14.6
28.0	66.9	14.7	68.3	14.5	70.1	14.1	71.1	13.7	71.4	13.5
30.0	64.7	13.3	66.3	13.1	68.0	13.0	68.9	12.6	69.1	12.6
32.0	62.5	11.1	64.1	11.8	65.8	12.0	66.7	11.7	66.7	11.7
34.0	60.1	9.1	61.8	9.8	63.4	10.7	64.5	10.9		
36.0	57.8	7.4	59.4	8.0	60.9	8.8	61.8	9.2		
38.0	55.4	5.8	56.9	6.4	58.3	7.1	59.1	7.4		
40.0	52.9	4.4	54.4	5.0	55.6	5.5	56.3	5.8		
42.0	50.4	3.2	51.7	3.6	52.8	4.2	53.3	4.4		
44.0					50.0	2.9	50.2	3.0		
Critical boom angle(°)	48		49		49		49		65	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SC

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0
26.0	69.5	12.0	72.5	12.0	75.1	12.0	76.9	12.0	77.9	12.0
28.0	67.9	12.0	70.9	12.0	73.4	12.0	75.1	12.0	75.9	12.0
30.0	66.2	12.0	69.2	12.0	71.7	12.0	73.0	11.8	73.8	11.6
32.0	64.3	11.7	67.2	11.9	69.6	11.3	70.9	11.0	71.6	10.8
34.0	62.3	10.2	65.3	10.9	67.6	10.5	68.8	10.2	69.4	10.1
36.0	60.2	8.5	63.3	9.9	65.4	9.7	66.6	9.5	67.1	9.4
38.0	58.0	7.0	61.0	8.2	63.2	9.0	64.3	8.8		
40.0	55.8	5.6	58.8	6.7	60.9	7.7	62.0	8.3		
42.0	53.6	4.3	56.4	5.4	58.4	6.2	59.4	6.7		
44.0	51.2	3.2	54.0	4.2	55.8	4.9	56.8	5.3		
46.0	48.7	2.2	51.4	3.0	53.1	3.7	54.0	4.0		
48.0					50.4	2.6	51.0	2.8		
Critical boom angle(°)	48		49		49		49		65	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SC

50m Boom + 2m + 20m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
7.0	84.6	12.0										
8.0	84.0	12.0										
9.0	83.3	12.0										
10.0	82.7	12.0										
11.0	82.0	12.0										
12.0	81.3	12.0										
14.0	80.0	12.0	84.0	12.0								
16.0	78.6	12.0	82.6	12.0								
18.0	77.3	12.0	81.2	12.0	84.8	12.0						
20.0	75.9	12.0	79.8	12.0	83.3	12.0						
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3				
24.0	73.0	12.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9		
26.0	71.6	12.0	75.4	12.0	78.6	11.9	81.2	10.7	82.8	9.9		
28.0	70.1	12.0	73.9	12.0	76.9	11.4	79.4	10.5	80.9	9.7		
30.0	68.6	12.0	72.4	12.0	75.2	11.0	77.6	10.1	79.0	9.6		
32.0	67.1	12.0	70.6	11.1	73.5	10.4	75.8	9.6	77.1	9.2		
34.0	65.3	11.0	68.8	10.3	71.7	9.7	73.9	9.2	75.0	8.8		
36.0	63.4	9.7	67.0	9.5	69.8	9.0	71.9	8.7	72.7	8.5		
38.0	61.4	8.2	65.1	8.8	67.8	8.4	69.8	8.2	70.5	8.1		
40.0	59.4	6.8	63.2	8.2	65.8	7.8	67.6	7.6	68.1	7.6		
42.0	57.3	5.5	61.1	7.0	63.7	7.3	65.4	7.1				
44.0	55.2	4.4	58.9	5.7	61.5	6.8	63.1	6.7				
46.0	53.0	3.4	56.6	4.6	59.2	5.6	60.7	6.2				
48.0	50.7	2.4	54.3	3.6	56.8	4.4	58.1	5.0				
50.0			51.9	2.6	54.2	3.4	55.3	3.8				
52.0			49.4	1.7	51.6	2.4	52.4	2.7				
Critical boom angle(°)	49		49		49		49.5		66			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SC

50m Boom + 2m + 25m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.4	10.0										
9.0	83.8	10.0										
10.0	83.2	10.0										
11.0	82.6	10.0										
12.0	82.0	10.0										
14.0	80.7	10.0										
16.0	79.5	10.0	84.2	10.0								
18.0	78.2	10.0	83.0	10.0								
20.0	76.9	10.0	81.7	10.0								
22.0	75.6	10.0	80.4	10.0	84.5	10.0						
24.0	74.3	10.0	79.0	10.0	83.0	9.9						
26.0	73.0	10.0	77.7	10.0	81.5	9.5	84.9	8.4				
28.0	71.6	10.0	76.4	10.0	79.9	9.1	83.3	8.2				
30.0	70.3	10.0	74.8	9.9	78.3	8.8	81.6	8.0	83.7	7.2		
32.0	68.9	10.0	73.2	9.4	76.8	8.5	80.0	7.8	81.8	7.1		
34.0	67.5	10.0	71.6	8.9	75.2	8.2	78.3	7.6	79.9	7.1		
36.0	65.8	9.4	70.0	8.5	73.4	7.9	76.5	7.5	78.0	7.0		
38.0	64.1	8.8	68.3	8.1	71.7	7.7	74.6	7.2	75.9	6.9		
40.0	62.3	7.8	66.6	7.8	69.9	7.4	72.7	6.9	73.9	6.6		
42.0	60.3	6.6	64.8	7.2	68.1	6.9	70.7	6.6	71.7	6.4		
44.0	58.4	5.4	62.9	6.7	66.2	6.4	68.7	6.3	69.4	6.1		
46.0	56.5	4.4	61.0	6.0	64.3	6.0	66.6	5.9	67.1	5.8		
48.0	54.4	3.5	58.9	4.9	62.3	5.6	64.5	5.5				
50.0	52.4	2.6	56.7	3.9	60.2	5.0	62.1	5.1				
52.0	50.3	1.8	54.5	3.0	57.8	4.0	59.5	4.7				
54.0			52.2	2.2	55.3	3.1	56.7	3.6				
56.0			49.9	1.4	52.7	2.2	53.8	2.7				
58.0					50.1	1.4	50.7	1.7				
Critical boom angle(°)	49		49		49		49.5		66			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SC

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5									
9.0	84.3	8.5									
10.0	83.8	8.5									
11.0	83.2	8.5									
12.0	82.6	8.5									
14.0	81.5	8.5									
16.0	80.3	8.5									
18.0	79.2	8.5	84.5	8.5							
20.0	78.0	8.5	83.3	8.5							
22.0	76.8	8.5	82.1	8.5							
24.0	75.6	8.5	80.9	8.5							
26.0	74.4	8.5	79.7	8.5	84.3	7.8					
28.0	73.2	8.5	78.4	8.5	82.9	7.5					
30.0	71.9	8.5	77.0	8.4	81.4	7.3					
32.0	70.7	8.5	75.6	8.0	80.0	7.0	83.5	5.9			
34.0	69.4	8.5	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2	
36.0	68.0	8.1	72.7	7.3	77.0	6.5	80.3	5.7	82.6	5.1	
38.0	66.5	7.5	71.2	6.9	75.5	6.3	78.7	5.6	80.8	5.1	
40.0	65.0	7.1	69.7	6.5	73.9	6.1	77.0	5.5	78.9	5.0	
42.0	63.4	6.6	68.2	6.2	72.3	5.9	75.3	5.4	77.0	5.0	
44.0	61.9	6.2	66.6	6.0	70.6	5.7	73.6	5.3	75.1	5.0	
46.0	60.1	5.3	64.9	5.7	68.9	5.5	71.6	5.2	72.9	4.9	
48.0	58.2	4.4	63.2	5.5	67.1	5.4	69.6	5.1	70.6	4.9	
50.0	56.1	3.5	61.4	5.1	65.3	5.0	67.6	4.8	68.3	4.7	
52.0	54.1	2.7	59.4	4.2	63.4	4.7	65.5	4.6			
54.0	52.0	1.9	57.4	3.4	61.3	4.4	63.3	4.3			
56.0	49.9	1.3	55.1	2.6	59.0	3.7	60.9	4.0			
58.0			52.8	1.8	56.5	2.8	58.3	3.5			
60.0					54.0	2.0	55.4	2.6			
62.0					51.4	1.3	52.5	1.7			
Critical boom angle(°)	49		51		51		51		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SC

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0									
10.0	84.2	7.0									
11.0	83.7	7.0									
12.0	83.2	7.0									
14.0	82.1	7.0									
16.0	81.1	7.0									
18.0	80.0	7.0									
20.0	78.9	7.0	84.5	4.9							
22.0	77.9	7.0	83.2	4.6							
24.0	76.6	6.6	82.0	4.4							
26.0	75.4	6.1	80.7	4.2							
28.0	74.1	5.7	79.4	4.0	84.3	2.8					
30.0	72.9	5.3	78.1	3.8	82.9	2.7					
32.0	71.6	5.0	76.8	3.6	81.5	2.6					
34.0	70.3	4.7	75.4	3.4	80.1	2.5	84.3	1.9			
36.0	69.0	4.4	74.1	3.2	78.7	2.4	82.8	1.8			
38.0	67.7	4.2	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5	
40.0	66.3	4.0	71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4	
42.0	64.9	3.8	69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4	
44.0	63.5	3.6	68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4	
46.0	62.0	3.4	67.0	2.5	71.2	1.9	74.8	1.6	76.9	1.4	
48.0	60.5	3.2	65.5	2.4	69.6	1.9	73.1	1.5	75.1	1.4	
50.0	59.0	3.0	64.0	2.3	68.0	1.8	71.4	1.5	73.1	1.4	
52.0	57.4	2.9	62.4	2.2	66.3	1.7	69.6	1.5	70.9	1.3	
54.0	55.8	2.7	60.8	2.1	64.5	1.7	67.6	1.4	68.7	1.3	
56.0	53.8	2.0	59.1	2.0	62.7	1.6	65.5	1.4	66.2	1.3	
58.0	51.9	1.4	57.4	1.9	60.9	1.6	63.4	1.4			
60.0			55.5	1.8	59.0	1.5	61.2	1.4			
62.0			53.4	1.5	57.0	1.5	58.9	1.4			
64.0					54.9	1.5	56.4	1.4			
66.0							53.8	1.4			
Critical boom angle(°)	50		52		53		53		66		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SD

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7
20.0	74.9	21.0	76.3	21.0	78.1	20.0	79.2	18.6	80.1	17.7
22.0	72.9	20.0	74.3	19.6	76.2	18.3	77.2	17.4	78.0	16.8
24.0	70.9	18.4	72.4	17.8	74.2	16.7	75.2	16.0	75.8	15.7
26.0	68.9	16.4	70.4	16.0	72.1	15.3	73.2	14.8	73.6	14.6
28.0	66.7	13.7	68.3	14.5	70.1	14.1	71.1	13.7	71.4	13.5
30.0	64.5	11.3	66.1	12.1	68.0	13.0	68.9	12.6	69.1	12.6
32.0	62.2	9.2	63.8	9.9	65.6	10.9	66.7	11.5	66.7	11.7
34.0	59.9	7.3	61.5	8.0	63.2	8.9	64.2	9.4		
36.0	57.5	5.7	59.1	6.3	60.6	7.1	61.5	7.5		
38.0	55.1	4.2	56.7	4.8	58.0	5.5	58.8	5.8		
40.0	52.7	2.9	54.2	3.4	55.4	4.0	56.0	4.3		
42.0					52.6	2.7	53.1	2.9		
Critical boom angle(°)	51		52		52		52		65	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SD

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0
26.0	69.5	12.0	72.5	12.0	75.1	12.0	76.9	12.0	77.9	12.0
28.0	67.9	12.0	70.9	12.0	73.4	12.0	75.1	12.0	75.9	12.0
30.0	66.2	12.0	69.2	12.0	71.7	12.0	73.0	11.8	73.8	11.6
32.0	64.1	10.2	67.2	11.9	69.6	11.3	70.9	11.0	71.6	10.8
34.0	62.0	8.4	65.1	9.9	67.6	10.5	68.8	10.2	69.4	10.1
36.0	59.9	6.8	63.0	8.2	65.4	9.3	66.6	9.5	67.1	9.4
38.0	57.7	5.3	60.8	6.6	63.0	7.7	64.3	8.3		
40.0	55.5	4.1	58.5	5.2	60.6	6.1	61.8	6.7		
42.0	53.3	2.9	56.1	3.9	58.2	4.8	59.2	5.3		
44.0			53.7	2.8	55.6	3.5	56.6	3.9		
46.0					53.0	2.4	53.8	2.7		
Critical boom angle(°)	51		52		52		52		65	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0								
8.0	84.0	12.0								
9.0	83.3	12.0								
10.0	82.7	12.0								
11.0	82.0	12.0								
12.0	81.3	12.0								
14.0	80.0	12.0	84.0	12.0						
16.0	78.6	12.0	82.6	12.0						
18.0	77.3	12.0	81.2	12.0	84.8	12.0				
20.0	75.9	12.0	79.8	12.0	83.3	12.0				
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3		
24.0	73.0	12.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9
26.0	71.6	12.0	75.4	12.0	78.6	11.9	81.2	10.7	82.8	9.9
28.0	70.1	12.0	73.9	12.0	76.9	11.4	79.4	10.5	80.9	9.7
30.0	68.6	12.0	72.4	12.0	75.2	11.0	77.6	10.1	79.0	9.6
32.0	67.0	11.5	70.6	11.1	73.5	10.4	75.8	9.6	77.1	9.2
34.0	65.0	9.6	68.8	10.3	71.7	9.7	73.9	9.2	75.0	8.8
36.0	63.1	8.0	67.0	9.5	69.8	9.0	71.9	8.7	72.7	8.5
38.0	61.1	6.6	65.0	8.3	67.8	8.4	69.8	8.2	70.5	8.1
40.0	59.0	5.3	62.9	6.8	65.8	7.8	67.6	7.6	68.1	7.6
42.0	57.0	4.1	60.7	5.5	63.6	6.7	65.4	7.1		
44.0	54.9	3.0	58.6	4.3	61.3	5.5	63.0	6.2		
46.0	52.7	2.0	56.3	3.3	58.9	4.3	60.5	4.9		
48.0			54.0	2.3	56.5	3.2	57.9	3.7		
50.0					54.0	2.2	55.1	2.6		
Critical boom angle(°)	51		52		52		52.5		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0								
9.0	83.8	10.0								
10.0	83.2	10.0								
11.0	82.6	10.0								
12.0	82.0	10.0								
14.0	80.7	10.0								
16.0	79.5	10.0	84.2	10.0						
18.0	78.2	10.0	83.0	10.0						
20.0	76.9	10.0	81.7	10.0						
22.0	75.6	10.0	80.4	10.0	84.5	10.0				
24.0	74.3	10.0	79.0	10.0	83.0	9.9				
26.0	73.0	10.0	77.7	10.0	81.5	9.5	84.9	8.4		
28.0	71.6	10.0	76.4	10.0	79.9	9.1	83.3	8.2		
30.0	70.3	10.0	74.8	9.9	78.3	8.8	81.6	8.0	83.7	7.2
32.0	68.9	10.0	73.2	9.4	76.8	8.5	80.0	7.8	81.8	7.1
34.0	67.5	10.0	71.6	8.9	75.2	8.2	78.3	7.6	79.9	7.1
36.0	65.7	9.1	70.0	8.5	73.4	7.9	76.5	7.5	78.0	7.0
38.0	63.8	7.6	68.3	8.1	71.7	7.7	74.6	7.2	75.9	6.9
40.0	61.9	6.3	66.6	7.8	69.9	7.4	72.7	6.9	73.9	6.6
42.0	59.9	5.1	64.7	6.9	68.1	6.9	70.7	6.6	71.7	6.4
44.0	58.0	4.0	62.6	5.7	66.2	6.4	68.7	6.3	69.4	6.1
46.0	56.1	3.1	60.6	4.6	64.3	6.0	66.6	5.9	67.1	5.8
48.0	54.1	2.2	58.5	3.6	62.1	4.9	64.5	5.5		
50.0	52.0	1.4	56.4	2.7	59.9	3.8	61.9	4.6		
52.0			54.2	1.9	57.5	2.9	59.2	3.5		
54.0					55.0	2.0	56.4	2.5		
56.0							53.5	1.6		
Critical boom angle(°)	51		52.5		53		53		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5	84.5	8.5						
20.0	78.0	8.5	83.3	8.5						
22.0	76.8	8.5	82.1	8.5						
24.0	75.6	8.5	80.9	8.5						
26.0	74.4	8.5	79.7	8.5	84.3	7.8				
28.0	73.2	8.5	78.4	8.5	82.9	7.5				
30.0	71.9	8.5	77.0	8.4	81.4	7.3				
32.0	70.7	8.5	75.6	8.0	80.0	7.0	83.5	5.9		
34.0	69.4	8.5	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2
36.0	68.0	8.1	72.7	7.3	77.0	6.5	80.3	5.7	82.6	5.1
38.0	66.5	7.5	71.2	6.9	75.5	6.3	78.7	5.6	80.8	5.1
40.0	65.0	7.1	69.7	6.5	73.9	6.1	77.0	5.5	78.9	5.0
42.0	63.2	6.0	68.2	6.2	72.3	5.9	75.3	5.4	77.0	5.0
44.0	61.4	5.0	66.6	6.0	70.6	5.7	73.6	5.3	75.1	5.0
46.0	59.6	4.0	64.9	5.7	68.9	5.5	71.6	5.2	72.9	4.9
48.0	57.7	3.1	62.9	4.8	67.1	5.4	69.6	5.1	70.6	4.9
50.0	55.7	2.3	60.9	3.9	65.3	5.0	67.6	4.8	68.3	4.7
52.0	53.6	1.5	58.9	3.0	63.2	4.3	65.5	4.6		
54.0			56.8	2.2	60.9	3.4	63.3	4.3		
56.0			54.6	1.5	58.5	2.6	60.6	3.3		
58.0					56.1	1.8	57.9	2.4		
60.0							55.1	1.6		
Critical boom angle(°)	52		53		54		54		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0	78.9	7.0	84.5	4.9						
22.0	77.9	7.0	83.2	4.6						
24.0	76.6	6.6	82.0	4.4						
26.0	75.4	6.1	80.7	4.2						
28.0	74.1	5.7	79.4	4.0	84.3	2.8				
30.0	72.9	5.3	78.1	3.8	82.9	2.7				
32.0	71.6	5.0	76.8	3.6	81.5	2.6				
34.0	70.3	4.7	75.4	3.4	80.1	2.5	84.3	1.9		
36.0	69.0	4.4	74.1	3.2	78.7	2.4	82.8	1.8		
38.0	67.7	4.2	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5
40.0	66.3	4.0	71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4
42.0	64.9	3.8	69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4
44.0	63.5	3.6	68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4
46.0	62.0	3.4	67.0	2.5	71.2	1.9	74.8	1.6	76.9	1.4
48.0	60.5	3.2	65.5	2.4	69.6	1.9	73.1	1.5	75.1	1.4
50.0	59.0	3.0	64.0	2.3	68.0	1.8	71.4	1.5	73.1	1.4
52.0	57.1	2.3	62.4	2.2	66.3	1.7	69.6	1.5	70.9	1.3
54.0	55.3	1.6	60.8	2.1	64.5	1.7	67.6	1.4	68.7	1.3
56.0			59.1	2.0	62.7	1.6	65.5	1.4	66.2	1.3
58.0			57.3	1.8	60.9	1.6	63.4	1.4		
60.0					59.0	1.5	61.2	1.4		
62.0					57.0	1.5	58.9	1.4		
64.0							56.4	1.4		
Critical boom angle(°)	54		56		56		56		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

50m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
7.0	84.7	21.0										
8.0	83.9	21.0										
9.0	83.2	21.0										
10.0	82.4	21.0	84.2	21.0								
11.0	81.6	21.0	83.4	21.0								
12.0	80.9	21.0	82.7	21.0	84.9	21.0						
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0				
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8		
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7		
20.0	74.9	21.0	76.3	21.0	78.1	20.0	79.2	18.6	80.1	17.7		
22.0	72.9	19.4	74.3	19.6	76.2	18.3	77.2	17.4	78.0	16.8		
24.0	70.7	15.9	72.3	17.0	74.2	16.7	75.2	16.0	75.8	15.7		
26.0	68.5	12.9	70.1	13.9	72.1	15.3	73.2	14.8	73.6	14.6		
28.0	66.3	10.4	67.9	11.3	69.9	12.5	71.0	13.4	71.4	13.5		
30.0	64.0	8.2	65.7	9.0	67.5	10.1	68.7	10.9	68.9	11.2		
32.0	61.8	6.3	63.4	7.1	65.2	8.0	66.2	8.7	66.3	8.9		
34.0	59.4	4.6	61.1	5.3	62.8	6.2	63.7	6.7				
36.0	57.1	3.1	58.7	3.8	60.3	4.5	61.1	5.0				
38.0					57.7	3.0	58.4	3.4				
Critical boom angle(°)	55		57		57		57		65			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SE

50m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.8	12.0										
7.0	84.1	12.0										
8.0	83.4	12.0										
9.0	82.6	12.0										
10.0	81.9	12.0										
11.0	81.2	12.0	84.3	12.0								
12.0	80.4	12.0	83.6	12.0								
14.0	78.9	12.0	82.0	12.0								
16.0	77.4	12.0	80.5	12.0	83.4	12.0						
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0				
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0		
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0		
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0		
26.0	69.5	12.0	72.5	12.0	75.1	12.0	76.9	12.0	77.9	12.0		
28.0	67.8	11.4	70.9	12.0	73.4	12.0	75.1	12.0	75.9	12.0		
30.0	65.7	9.3	69.0	11.1	71.7	12.0	73.0	11.8	73.8	11.6		
32.0	63.6	7.4	66.8	9.0	69.5	10.4	70.9	11.0	71.6	10.8		
34.0	61.5	5.7	64.7	7.2	67.2	8.5	68.7	9.4	69.4	9.9		
36.0	59.4	4.2	62.6	5.6	65.0	6.8	66.3	7.6	66.9	7.9		
38.0	57.2	2.9	60.4	4.2	62.6	5.2	63.9	5.9				
40.0			58.1	2.9	60.2	3.8	61.4	4.4				
42.0					57.8	2.6	58.9	3.1				
Critical boom angle(°)	56		57		57		57		65			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SE

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0								
8.0	84.0	12.0								
9.0	83.3	12.0								
10.0	82.7	12.0								
11.0	82.0	12.0								
12.0	81.3	12.0								
14.0	80.0	12.0	84.0	12.0						
16.0	78.6	12.0	82.6	12.0						
18.0	77.3	12.0	81.2	12.0	84.8	12.0				
20.0	75.9	12.0	79.8	12.0	83.3	12.0				
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3		
24.0	73.0	12.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9
26.0	71.6	12.0	75.4	12.0	78.6	11.9	81.2	10.7	82.8	9.9
28.0	70.1	12.0	73.9	12.0	76.9	11.4	79.4	10.5	80.9	9.7
30.0	68.4	10.5	72.4	12.0	75.2	11.0	77.6	10.1	79.0	9.6
32.0	66.5	8.6	70.6	10.8	73.5	10.4	75.8	9.6	77.1	9.2
34.0	64.5	6.9	68.6	8.9	71.7	9.7	73.9	9.2	75.0	8.8
36.0	62.6	5.5	66.5	7.3	69.8	8.9	71.9	8.7	72.7	8.5
38.0	60.5	4.1	64.5	5.8	67.6	7.3	69.8	8.2	70.5	8.1
40.0	58.5	3.0	62.4	4.5	65.4	5.9	67.5	6.8	68.1	7.3
42.0	56.5	1.9	60.3	3.3	63.2	4.6	65.1	5.4		
44.0			58.1	2.3	60.9	3.4	62.7	4.1		
46.0					58.5	2.3	60.2	2.9		
48.0							57.6	1.8		
Critical boom angle(°)	56		57		57		57		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0								
9.0	83.8	10.0								
10.0	83.2	10.0								
11.0	82.6	10.0								
12.0	82.0	10.0								
14.0	80.7	10.0								
16.0	79.5	10.0	84.2	10.0						
18.0	78.2	10.0	83.0	10.0						
20.0	76.9	10.0	81.7	10.0						
22.0	75.6	10.0	80.4	10.0	84.5	10.0				
24.0	74.3	10.0	79.0	10.0	83.0	9.9				
26.0	73.0	10.0	77.7	10.0	81.5	9.5	84.9	8.4		
28.0	71.6	10.0	76.4	10.0	79.9	9.1	83.3	8.2		
30.0	70.3	10.0	74.8	9.9	78.3	8.8	81.6	8.0	83.7	7.2
32.0	68.8	9.6	73.2	9.4	76.8	8.5	80.0	7.8	81.8	7.1
34.0	67.0	8.0	71.6	8.9	75.2	8.2	78.3	7.6	79.9	7.1
36.0	65.1	6.5	70.0	8.5	73.4	7.9	76.5	7.5	78.0	7.0
38.0	63.2	5.2	68.1	7.3	71.7	7.7	74.6	7.2	75.9	6.9
40.0	61.2	4.0	66.1	6.0	69.9	7.4	72.7	6.9	73.9	6.6
42.0	59.3	2.9	64.1	4.7	68.0	6.3	70.7	6.6	71.7	6.4
44.0	57.5	2.0	62.1	3.6	65.9	5.1	68.7	6.2	69.4	6.1
46.0			60.0	2.6	63.8	4.0	66.4	5.0	67.0	5.4
48.0			58.0	1.7	61.6	2.9	64.0	3.8		
50.0					59.3	2.0	61.4	2.8		
52.0							58.7	1.8		
Critical boom angle(°)	56		57		58		58		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5	84.5	8.5						
20.0	78.0	8.5	83.3	8.5						
22.0	76.8	8.5	82.1	8.5						
24.0	75.6	8.5	80.9	8.5						
26.0	74.4	8.5	79.7	8.5	84.3	7.8				
28.0	73.2	8.5	78.4	8.5	82.9	7.5				
30.0	71.9	8.5	77.0	8.4	81.4	7.3				
32.0	70.7	8.5	75.6	8.0	80.0	7.0	83.5	5.9		
34.0	69.4	8.5	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2
36.0	67.8	7.4	72.7	7.3	77.0	6.5	80.3	5.7	82.6	5.1
38.0	66.0	6.1	71.2	6.9	75.5	6.3	78.7	5.6	80.8	5.1
40.0	64.2	4.9	69.7	6.5	73.9	6.1	77.0	5.5	78.9	5.0
42.0	62.5	3.8	68.1	6.0	72.3	5.9	75.3	5.4	77.0	5.0
44.0	60.7	2.9	66.1	4.9	70.6	5.7	73.6	5.3	75.1	5.0
46.0	58.8	2.0	64.2	3.9	68.9	5.5	71.6	5.2	72.9	4.9
48.0			62.1	2.9	66.7	4.5	69.6	5.1	70.6	4.9
50.0			60.2	2.1	64.7	3.5	67.5	4.6	68.3	4.7
52.0			58.1	1.3	62.5	2.6	65.1	3.6		
54.0					60.2	1.7	62.7	2.6		
56.0							60.0	1.7		
Critical boom angle(°)	57		57		58		58		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0	78.9	7.0	84.5	4.9						
22.0	77.9	7.0	83.2	4.6						
24.0	76.6	6.6	82.0	4.4						
26.0	75.4	6.1	80.7	4.2						
28.0	74.1	5.7	79.4	4.0	84.3	2.8				
30.0	72.9	5.3	78.1	3.8	82.9	2.7				
32.0	71.6	5.0	76.8	3.6	81.5	2.6				
34.0	70.3	4.7	75.4	3.4	80.1	2.5	84.3	1.9		
36.0	69.0	4.4	74.1	3.2	78.7	2.4	82.8	1.8		
38.0	67.7	4.2	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5
40.0	66.3	4.0	71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4
42.0	64.9	3.8	69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4
44.0	63.5	3.6	68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4
46.0	61.7	2.8	67.0	2.5	71.2	1.9	74.8	1.6	76.9	1.4
48.0	59.9	2.0	65.5	2.4	69.6	1.9	73.1	1.5	75.1	1.4
50.0			64.0	2.3	68.0	1.8	71.4	1.5	73.1	1.4
52.0			62.4	2.2	66.3	1.7	69.6	1.5	70.9	1.3
54.0			60.4	1.6	64.5	1.7	67.6	1.4	68.7	1.3
56.0					62.7	1.6	65.5	1.4	66.2	1.3
58.0					60.8	1.5	63.4	1.4		
60.0							61.2	1.4		
Critical boom angle(°)	58.5		59		59		59		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SF

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7
20.0	74.9	20.8	76.3	21.0	78.1	20.0	79.2	18.6	80.1	17.7
22.0	72.6	16.8	74.2	18.1	76.2	18.3	77.2	17.4	78.0	16.8
24.0	70.4	13.5	72.0	14.7	74.1	16.2	75.2	16.0	75.8	15.7
26.0	68.2	10.7	69.8	11.8	71.9	13.1	73.1	14.1	73.6	14.6
28.0	66.0	8.4	67.6	9.3	69.6	10.5	70.8	11.4	71.2	11.8
30.0	63.8	6.3	65.4	7.2	67.3	8.3	68.4	9.0	68.7	9.3
32.0	61.5	4.5	63.1	5.3	64.9	6.3	65.9	6.9	66.0	7.1
34.0	59.2	3.0	60.8	3.7	62.5	4.5	63.4	5.1		
36.0					60.1	3.0	60.8	3.4		
Critical boom angle(°)	57		59		59		59		65	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SF

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0
26.0	69.5	11.7	72.5	12.0	75.1	12.0	76.9	12.0	77.9	12.0
28.0	67.5	9.4	70.8	11.4	73.4	12.0	75.1	12.0	75.9	12.0
30.0	65.4	7.4	68.8	9.2	71.5	10.8	73.0	11.8	73.8	11.6
32.0	63.3	5.6	66.6	7.3	69.2	8.7	70.8	9.7	71.6	10.3
34.0	61.2	4.1	64.5	5.6	67.0	6.9	68.5	7.8	69.1	8.2
36.0	59.1	2.7	62.3	4.1	64.7	5.2	66.1	6.0	66.7	6.4
38.0			60.1	2.7	62.4	3.8	63.7	4.5		
40.0					60.0	2.5	61.2	3.0		
Critical boom angle(°)	58		59		59		59		65	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

50m Boom + 2m + 20m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
7.0	84.6	12.0										
8.0	84.0	12.0										
9.0	83.3	12.0										
10.0	82.7	12.0										
11.0	82.0	12.0										
12.0	81.3	12.0										
14.0	80.0	12.0	84.0	12.0								
16.0	78.6	12.0	82.6	12.0								
18.0	77.3	12.0	81.2	12.0	84.8	12.0						
20.0	75.9	12.0	79.8	12.0	83.3	12.0						
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3				
24.0	73.0	12.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9		
26.0	71.6	12.0	75.4	12.0	78.6	11.9	81.2	10.7	82.8	9.9		
28.0	69.9	10.6	73.9	12.0	76.9	11.4	79.4	10.5	80.9	9.7		
30.0	68.0	8.6	72.2	11.0	75.2	11.0	77.6	10.1	79.0	9.6		
32.0	66.1	6.8	70.2	9.0	73.5	10.4	75.8	9.6	77.1	9.2		
34.0	64.2	5.3	68.3	7.3	71.5	9.1	73.9	9.2	75.0	8.8		
36.0	62.2	3.9	66.3	5.8	69.5	7.4	71.9	8.6	72.7	8.5		
38.0	60.2	2.7	64.2	4.4	67.3	5.8	69.6	6.9	70.4	7.5		
40.0	58.2	1.6	62.1	3.1	65.1	4.5	67.3	5.5	67.9	5.9		
42.0			60.0	2.0	62.9	3.2	64.9	4.1				
44.0					60.6	2.1	62.5	2.8				
46.0							60.0	1.7				
Critical boom angle(°)	58		59		59		59		66			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SF

50m Boom + 2m + 25m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.4	10.0										
9.0	83.8	10.0										
10.0	83.2	10.0										
11.0	82.6	10.0										
12.0	82.0	10.0										
14.0	80.7	10.0										
16.0	79.5	10.0	84.2	10.0								
18.0	78.2	10.0	83.0	10.0								
20.0	76.9	10.0	81.7	10.0								
22.0	75.6	10.0	80.4	10.0	84.5	10.0						
24.0	74.3	10.0	79.0	10.0	83.0	9.9						
26.0	73.0	10.0	77.7	10.0	81.5	9.5	84.9	8.4				
28.0	71.6	10.0	76.4	10.0	79.9	9.1	83.3	8.2				
30.0	70.2	9.7	74.8	9.9	78.3	8.8	81.6	8.0	83.7	7.2		
32.0	68.4	7.9	73.2	9.4	76.8	8.5	80.0	7.8	81.8	7.1		
34.0	66.6	6.3	71.6	8.8	75.2	8.2	78.3	7.6	79.9	7.1		
36.0	64.7	5.0	69.7	7.2	73.4	7.9	76.5	7.5	78.0	7.0		
38.0	62.8	3.7	67.7	5.8	71.7	7.7	74.6	7.2	75.9	6.9		
40.0	60.9	2.6	65.7	4.6	69.7	6.3	72.7	6.9	73.9	6.6		
42.0	59.0	1.6	63.8	3.4	67.6	5.0	70.7	6.3	71.7	6.4		
44.0			61.7	2.4	65.5	3.8	68.4	5.0	69.3	5.6		
46.0			59.7	1.4	63.4	2.8	66.1	3.8	66.8	4.2		
48.0					61.2	1.8	63.6	2.7				
50.0							61.1	1.6				
Critical boom angle(°)	58		59		60		60		66			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SF

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5	84.5	8.5						
20.0	78.0	8.5	83.3	8.5						
22.0	76.8	8.5	82.1	8.5						
24.0	75.6	8.5	80.9	8.5						
26.0	74.4	8.5	79.7	8.5	84.3	7.8				
28.0	73.2	8.5	78.4	8.5	82.9	7.5				
30.0	71.9	8.5	77.0	8.4	81.4	7.3				
32.0	70.7	8.5	75.6	8.0	80.0	7.0	83.5	5.9		
34.0	69.1	7.3	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2
36.0	67.3	5.9	72.7	7.3	77.0	6.5	80.3	5.7	82.6	5.1
38.0	65.6	4.6	71.2	6.9	75.5	6.3	78.7	5.6	80.8	5.1
40.0	63.8	3.5	69.4	5.8	73.9	6.1	77.0	5.5	78.9	5.0
42.0	62.0	2.5	67.6	4.7	72.3	5.9	75.3	5.4	77.0	5.0
44.0	60.2	1.6	65.6	3.6	70.5	5.4	73.6	5.3	75.1	5.0
46.0			63.7	2.6	68.4	4.3	71.6	5.2	72.9	4.9
48.0			61.7	1.8	66.3	3.3	69.4	4.5	70.6	4.9
50.0					64.2	2.4	67.2	3.5	68.1	4.1
52.0					62.0	1.5	64.8	2.5		
54.0							62.3	1.6		
Critical boom angle(°)	59		60		60		60		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0	78.9	7.0	84.5	4.9						
22.0	77.9	7.0	83.2	4.6						
24.0	76.6	6.6	82.0	4.4						
26.0	75.4	6.1	80.7	4.2						
28.0	74.1	5.7	79.4	4.0	84.3	2.8				
30.0	72.9	5.3	78.1	3.8	82.9	2.7				
32.0	71.6	5.0	76.8	3.6	81.5	2.6				
34.0	70.3	4.7	75.4	3.4	80.1	2.5	84.3	1.9		
36.0	69.0	4.4	74.1	3.2	78.7	2.4	82.8	1.8		
38.0	67.7	4.2	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5
40.0	66.3	4.0	71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4
42.0	64.7	3.3	69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4
44.0	62.9	2.4	68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4
46.0	61.1	1.6	67.0	2.5	71.2	1.9	74.8	1.6	76.9	1.4
48.0			65.5	2.4	69.6	1.9	73.1	1.5	75.1	1.4
50.0			63.8	2.0	68.0	1.8	71.4	1.5	73.1	1.4
52.0					66.3	1.7	69.6	1.5	70.9	1.3
54.0					64.5	1.7	67.6	1.4	68.7	1.3
56.0					62.6	1.3	65.5	1.4	66.2	1.3
58.0							63.4	1.4		
Critical boom angle(°)	60		62		62		62		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

50m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
7.0	84.7	21.0										
8.0	83.9	21.0										
9.0	83.2	21.0										
10.0	82.4	21.0	84.2	21.0								
11.0	81.6	21.0	83.4	21.0								
12.0	80.9	21.0	82.7	21.0	84.9	21.0						
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0				
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8		
18.0	76.4	21.0	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7		
20.0	74.5	17.9	76.1	19.4	78.1	20.0	79.2	18.6	80.1	17.7		
22.0	72.3	14.2	73.9	15.5	76.0	17.3	77.2	17.4	78.0	16.8		
24.0	70.1	11.2	71.7	12.3	73.8	13.9	75.1	15.0	75.8	15.7		
26.0	68.0	8.6	69.5	9.6	71.6	11.0	72.8	12.0	73.4	12.5		
28.0	65.7	6.4	67.3	7.3	69.3	8.5	70.5	9.4	70.9	9.8		
30.0	63.5	4.5	65.1	5.3	67.0	6.4	68.1	7.1	68.4	7.4		
32.0			62.9	3.6	64.6	4.5	65.6	5.2	65.8	5.4		
Critical boom angle(°)	62		62		63		64		65			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SG

50m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
6.0	84.8	12.0										
7.0	84.1	12.0										
8.0	83.4	12.0										
9.0	82.6	12.0										
10.0	81.9	12.0										
11.0	81.2	12.0	84.3	12.0								
12.0	80.4	12.0	83.6	12.0								
14.0	78.9	12.0	82.0	12.0								
16.0	77.4	12.0	80.5	12.0	83.4	12.0						
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0				
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0		
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0		
24.0	71.2	12.0	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0		
26.0	69.2	9.6	72.5	11.8	75.1	12.0	76.9	12.0	77.9	12.0		
28.0	67.2	7.4	70.5	9.4	73.3	11.1	75.1	12.0	75.9	12.0		
30.0	65.1	5.5	68.5	7.3	71.2	8.9	72.8	10.1	73.7	10.8		
32.0	63.0	3.9	66.3	5.5	69.0	6.9	70.6	8.0	71.3	8.5		
34.0			64.2	3.9	66.7	5.2	68.3	6.1	68.9	6.6		
36.0					64.5	3.7	65.9	4.5	66.4	4.8		
Critical boom angle(°)	62		63		63		64		65			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SG

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0								
8.0	84.0	12.0								
9.0	83.3	12.0								
10.0	82.7	12.0								
11.0	82.0	12.0								
12.0	81.3	12.0								
14.0	80.0	12.0	84.0	12.0						
16.0	78.6	12.0	82.6	12.0						
18.0	77.3	12.0	81.2	12.0	84.8	12.0				
20.0	75.9	12.0	79.8	12.0	83.3	12.0				
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3		
24.0	73.0	12.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9
26.0	71.4	10.8	75.4	12.0	78.6	11.9	81.2	10.7	82.8	9.9
28.0	69.6	8.6	73.8	11.2	76.9	11.4	79.4	10.5	80.9	9.7
30.0	67.7	6.7	71.9	9.1	75.2	11.0	77.6	10.1	79.0	9.6
32.0	65.8	5.1	69.9	7.3	73.3	9.2	75.8	9.6	77.1	9.2
34.0	63.9	3.6	67.9	5.6	71.2	7.4	73.8	8.8	75.0	8.8
36.0			65.9	4.2	69.2	5.8	71.6	7.0	72.6	7.8
38.0			63.9	2.9	67.0	4.4	69.3	5.5	70.2	6.1
40.0					64.9	3.1	67.1	4.1	67.7	4.5
42.0							64.7	2.8		
Critical boom angle(°)	62		63		63		64		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0								
9.0	83.8	10.0								
10.0	83.2	10.0								
11.0	82.6	10.0								
12.0	82.0	10.0								
14.0	80.7	10.0								
16.0	79.5	10.0	84.2	10.0						
18.0	78.2	10.0	83.0	10.0						
20.0	76.9	10.0	81.7	10.0						
22.0	75.6	10.0	80.4	10.0	84.5	10.0				
24.0	74.3	10.0	79.0	10.0	83.0	9.9				
26.0	73.0	10.0	77.7	10.0	81.5	9.5	84.9	8.4		
28.0	71.6	9.7	76.4	10.0	79.9	9.1	83.3	8.2		
30.0	69.8	7.8	74.8	9.9	78.3	8.8	81.6	8.0	83.7	7.2
32.0	68.0	6.1	73.1	8.8	76.8	8.5	80.0	7.8	81.8	7.1
34.0	66.2	4.7	71.2	7.1	75.2	8.2	78.3	7.6	79.9	7.1
36.0	64.3	3.4	69.3	5.7	73.4	7.7	76.5	7.5	78.0	7.0
38.0			67.4	4.4	71.4	6.2	74.6	7.2	75.9	6.9
40.0			65.4	3.2	69.3	4.9	72.6	6.3	73.9	6.6
42.0			63.4	2.1	67.3	3.7	70.3	4.9	71.6	5.7
44.0					65.2	2.6	68.0	3.7	69.1	4.3
46.0							65.7	2.6	66.5	3.0
Critical boom angle(°)	63		63		64		64		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SG

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5	84.5	8.5						
20.0	78.0	8.5	83.3	8.5						
22.0	76.8	8.5	82.1	8.5						
24.0	75.6	8.5	80.9	8.5						
26.0	74.4	8.5	79.7	8.5	84.3	7.8				
28.0	73.2	8.5	78.4	8.5	82.9	7.5				
30.0	71.9	8.5	77.0	8.4	81.4	7.3				
32.0	70.3	7.1	75.6	8.0	80.0	7.0	83.5	5.9		
34.0	68.6	5.6	74.2	7.7	78.5	6.8	81.9	5.8	84.4	5.2
36.0	66.8	4.3	72.6	7.0	77.0	6.5	80.3	5.7	82.6	5.1
38.0			70.8	5.6	75.5	6.3	78.7	5.6	80.8	5.1
40.0			68.9	4.4	73.9	6.1	77.0	5.5	78.9	5.0
42.0			67.1	3.3	72.1	5.3	75.3	5.4	77.0	5.0
44.0					70.0	4.1	73.6	5.3	75.1	5.0
46.0					67.9	3.1	71.4	4.5	72.9	4.9
48.0							69.1	3.4	70.4	4.1
50.0							66.8	2.4	67.8	2.9
Critical boom angle(°)	65.5		66		66		66		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0	78.9	7.0	84.5	4.9						
22.0	77.9	7.0	83.2	4.6						
24.0	76.6	6.6	82.0	4.4						
26.0	75.4	6.1	80.7	4.2						
28.0	74.1	5.7	79.4	4.0	84.3	2.8				
30.0	72.9	5.3	78.1	3.8	82.9	2.7				
32.0	71.6	5.0	76.8	3.6	81.5	2.6				
34.0	70.3	4.7	75.4	3.4	80.1	2.5	84.3	1.9		
36.0	69.0	4.4	74.1	3.2	78.7	2.4	82.8	1.8		
38.0	67.6	4.0	72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5
40.0			71.3	2.9	75.8	2.2	79.7	1.7	82.1	1.4
42.0			69.9	2.7	74.3	2.1	78.1	1.7	80.4	1.4
44.0			68.5	2.6	72.7	2.0	76.5	1.6	78.7	1.4
46.0					71.2	1.9	74.8	1.6	76.9	1.4
48.0					69.6	1.9	73.1	1.5	75.1	1.4
50.0					68.0	1.8	71.4	1.5	73.1	1.4
52.0							69.6	1.5	70.9	1.3
54.0									68.7	1.3
Critical boom angle(°)	66		67		67		68		68	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.9	21.0	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	76.2	19.3	77.9	21.0	80.1	21.0	81.2	19.8	82.2	18.7
20.0	74.2	15.1	75.8	16.6	78.0	18.5	79.2	18.6	80.1	17.7
22.0	72.0	11.7	73.6	13.0	75.7	14.7	77.1	16.0	78.0	16.7
24.0	69.9	8.8	71.4	10.0	73.5	11.5	74.8	12.7	75.5	13.3
26.0	67.7	6.4	69.2	7.5	71.3	8.8	72.5	9.8	73.1	10.3
28.0					69.0	6.5	70.2	7.4	70.7	7.8
Critical boom angle(°)	66		68		68		68		69	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SH

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.4	12.0	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0	72.8	12.0	75.8	12.0	78.5	12.0	80.5	12.0	81.9	12.0
24.0	70.9	9.8	74.2	12.0	76.8	12.0	78.7	12.0	79.9	12.0
26.0	68.9	7.4	72.2	9.6	75.1	11.5	76.9	12.0	77.9	12.0
28.0			70.3	7.4	73.0	9.1	74.8	10.3	75.8	11.0
30.0					70.9	7.0	72.6	8.2	73.5	8.8
32.0							70.4	6.2	71.1	6.8
Critical boom angle(°)	67		68.5		69		69		69	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0								
8.0	84.0	12.0								
9.0	83.3	12.0								
10.0	82.7	12.0								
11.0	82.0	12.0								
12.0	81.3	12.0								
14.0	80.0	12.0	84.0	12.0						
16.0	78.6	12.0	82.6	12.0						
18.0	77.3	12.0	81.2	12.0	84.8	12.0				
20.0	75.9	12.0	79.8	12.0	83.3	12.0				
22.0	74.5	12.0	78.4	12.0	81.8	12.0	84.7	11.3		
24.0	72.9	11.0	76.9	12.0	80.3	12.0	82.9	11.0	84.7	9.9
26.0	71.1	8.7	75.3	11.4	78.6	11.9	81.2	10.7	82.8	9.9
28.0	69.3	6.6	73.5	9.2	76.9	11.2	79.4	10.5	80.9	9.7
30.0			71.6	7.3	74.9	9.2	77.6	10.1	79.0	9.6
32.0			69.6	5.5	73.0	7.5	75.6	8.7	77.1	9.2
34.0					71.0	5.8	73.5	7.1	74.8	7.7
36.0							71.3	5.5	72.4	6.2
38.0									70.0	4.5
Critical boom angle(°)	67.5		68.5		69		69.5		69.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0								
9.0	83.8	10.0								
10.0	83.2	10.0								
11.0	82.6	10.0								
12.0	82.0	10.0								
14.0	80.7	10.0								
16.0	79.5	10.0	84.2	10.0						
18.0	78.2	10.0	83.0	10.0						
20.0	76.9	10.0	81.7	10.0						
22.0	75.6	10.0	80.4	10.0	84.5	10.0				
24.0	74.3	10.0	79.0	10.0	83.0	9.9				
26.0	72.9	9.7	77.7	10.0	81.5	9.5	84.9	8.4		
28.0	71.2	7.7	76.4	10.0	79.9	9.1	83.3	8.2		
30.0	69.4	5.9	74.5	8.7	78.3	8.8	81.6	8.0	83.7	7.2
32.0			72.7	7.1	76.8	8.5	80.0	7.8	81.8	7.1
34.0			70.8	5.5	75.0	7.5	78.3	7.6	79.9	7.1
36.0					73.0	6.2	76.5	7.5	78.0	7.0
38.0					71.0	4.7	74.4	6.2	75.9	6.9
40.0							72.2	4.8	73.7	5.6
42.0									71.2	4.2
Critical boom angle(°)	68		69		70		70		70	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SH

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5	84.5	8.5						
20.0	78.0	8.5	83.3	8.5						
22.0	76.8	8.5	82.1	8.5						
24.0	75.6	8.5	80.9	8.5						
26.0	74.4	8.5	79.7	8.5	84.3	7.8				
28.0	73.2	8.5	78.4	8.5	82.9	7.5				
30.0	71.5	6.9	77.0	8.4	81.4	7.3				
32.0	69.8	5.3	75.6	8.0	80.0	7.0	83.5	5.9		
34.0			73.9	6.8	78.5	6.8	81.9	5.8	84.4	5.2
36.0			72.1	5.4	77.0	6.5	80.3	5.7	82.6	5.1
38.0					75.5	6.3	78.7	5.6	80.8	5.1
40.0					73.6	5.1	77.0	5.5	78.9	5.0
42.0							75.3	5.4	77.0	5.0
44.0							73.2	4.2	75.1	5.0
Critical boom angle(°)	68.5		70.5		72		72		73	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0	78.9	7.0	84.5	4.9						
22.0	77.9	7.0	83.2	4.6						
24.0	76.6	6.6	82.0	4.4						
26.0	75.4	6.1	80.7	4.2						
28.0	74.1	5.7	79.4	4.0	84.3	2.8				
30.0	72.9	5.3	78.1	3.8	82.9	2.7				
32.0	71.6	5.0	76.8	3.6	81.5	2.6				
34.0			75.4	3.4	80.1	2.5	84.3	1.9		
36.0			74.1	3.2	78.7	2.4	82.8	1.8		
38.0			72.7	3.0	77.2	2.3	81.3	1.8	83.8	1.5
40.0					75.8	2.2	79.7	1.7	82.1	1.4
42.0					74.3	2.1	78.1	1.7	80.4	1.4
44.0					72.7	2.0	76.5	1.6	78.7	1.4
46.0							74.8	1.6	76.9	1.4
48.0							73.1	1.5	75.1	1.4
Critical boom angle(°)	70.5		71.5		72		72		73.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.4	21.0	81.1	21.0	83.3	21.0	84.9	21.0		
16.0	77.8	20.1	79.5	21.0	81.7	21.0	83.1	21.0	84.2	19.8
18.0	75.8	15.0	77.5	16.8	79.8	19.1	81.2	19.8	82.2	18.7
20.0	73.8	11.1	75.4	12.6	77.5	14.7	79.0	16.0	78.0	16.8
22.0			73.2	9.3	75.3	11.1	76.7	12.3	77.5	13.0
24.0							74.5	9.4	75.1	9.9
Critical boom angle(°)	72		72		73.5		73.5		74	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SJ

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0	77.4	12.0	80.5	12.0	83.4	12.0				
18.0	75.9	12.0	78.9	12.0	81.8	12.0	84.0	12.0		
20.0	74.3	11.8	77.4	12.0	80.2	12.0	82.3	12.0	83.8	12.0
22.0			75.7	11.6	78.5	12.0	80.5	12.0	81.9	12.0
24.0			73.8	8.7	76.7	10.8	78.7	12.0	79.9	12.0
26.0					74.7	8.4	76.6	9.7	77.8	10.5
28.0							74.5	7.5	75.5	8.2
Critical boom angle(°)	72.5		72.5		73.5		73.5		74	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SJ

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0								
8.0	84.0	12.0								
9.0	83.3	12.0								
10.0	82.7	12.0								
11.0	82.0	12.0								
12.0	81.3	12.0								
14.0	80.0	12.0	84.0	12.0						
16.0	78.6	12.0	82.6	12.0						
18.0	77.3	12.0	81.2	12.0	84.8	12.0				
20.0	75.9	12.0	79.8	12.0	83.3	12.0				
22.0	74.2	9.9	78.4	12.0	81.8	12.0	84.7	11.3		
24.0			76.7	10.6	80.3	12.0	82.9	11.0	84.7	9.9
26.0			74.9	8.1	78.4	10.5	81.2	10.7	82.8	9.9
28.0					76.5	8.4	79.3	9.9	80.9	9.7
30.0					74.5	6.5	77.3	8.0	78.9	8.9
32.0							75.2	6.3	76.7	7.1
Critical boom angle(°)	73		73.5		73.5		73.5		74.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0								
9.0	83.8	10.0								
10.0	83.2	10.0								
11.0	82.6	10.0								
12.0	82.0	10.0								
14.0	80.7	10.0								
16.0	79.5	10.0	84.2	10.0						
18.0	78.2	10.0	83.0	10.0						
20.0	76.9	10.0	81.7	10.0						
22.0	75.6	10.0	80.4	10.0	84.5	10.0				
24.0	74.0	8.3	79.0	10.0	83.0	9.9				
26.0			77.6	9.7	81.5	9.5	84.9	8.4		
28.0			75.8	7.6	79.9	9.1	83.3	8.2		
30.0					78.2	8.2	81.6	8.0	83.7	7.2
32.0					76.3	6.7	80.0	7.8	81.8	7.1
34.0							78.0	6.7	79.9	7.1
36.0							75.9	5.4	77.8	6.3
38.0									75.5	5.0
Critical boom angle(°)	73		74		74.5		74.5		74.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5	84.5	8.5						
20.0	78.0	8.5	83.3	8.5						
22.0	76.8	8.5	82.1	8.5						
24.0	75.6	8.5	80.9	8.5						
26.0			79.7	8.5	84.3	7.8				
28.0			78.4	8.5	82.9	7.5				
30.0			76.7	7.1	81.4	7.3				
32.0					80.0	7.0	83.5	5.9		
34.0					78.5	6.7	81.9	5.8	84.4	5.2
36.0							80.3	5.7	82.6	5.1
38.0							78.7	5.6	80.8	5.1
40.0									78.9	5.0
Critical boom angle(°)	74.5		75		77		77		77	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0	78.9	7.0	84.5	4.9						
22.0	77.9	7.0	83.2	4.6						
24.0	76.6	6.6	82.0	4.4						
26.0	75.4	6.1	80.7	4.2						
28.0			79.4	4.0	84.3	2.8				
30.0			78.1	3.8	82.9	2.7				
32.0			76.8	3.6	81.5	2.6				
34.0					80.1	2.5	84.3	1.9		
36.0					78.7	2.4	82.8	1.8		
38.0							81.3	1.8	83.8	1.5
40.0							79.7	1.7	82.1	1.4
42.0							78.1	1.7	80.4	1.4
44.0									78.7	1.4
Critical boom angle(°)	74.5		75.5		77.5		77.5		77.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (50m Boom) Lifting Capacity Chart

Specification SK

50m Boom + 2m + 10.85m SL Jib

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	84.7	21.0								
8.0	83.9	21.0								
9.0	83.2	21.0								
10.0	82.4	21.0	84.2	21.0						
11.0	81.6	21.0	83.4	21.0						
12.0	80.9	21.0	82.7	21.0	84.9	21.0				
14.0	79.2	18.3	81.1	20.7	83.3	21.0	84.9	21.0		
16.0			79.0	14.9	81.4	17.7	83.0	19.6	84.2	19.8
18.0					79.2	12.8	80.7	14.5	81.8	15.5
Critical boom angle(°)	78		78		78		79		80	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SK

50m Boom + 2m + 15m SL Jib

Offset	0°		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)
6.0	84.8	12.0								
7.0	84.1	12.0								
8.0	83.4	12.0								
9.0	82.6	12.0								
10.0	81.9	12.0								
11.0	81.2	12.0	84.3	12.0						
12.0	80.4	12.0	83.6	12.0						
14.0	78.9	12.0	82.0	12.0						
16.0			80.5	12.0	83.4	12.0				
18.0			78.9	12.0	81.8	12.0	84.0	12.0		
20.0					80.2	12.0	82.3	12.0	83.8	12.0
22.0							80.4	10.6	81.8	11.7
Critical boom angle(°)	78		78		78		79		80	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

50m Boom + 2m + 20m SL Jib

Offset	0°		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	84.6	12.0								
8.0	84.0	12.0								
9.0	83.3	12.0								
10.0	82.7	12.0								
11.0	82.0	12.0								
12.0	81.3	12.0								
14.0	80.0	12.0	84.0	12.0						
16.0	78.6	12.0	82.6	12.0						
18.0			81.2	12.0	84.8	12.0				
20.0			79.7	11.3	83.3	12.0				
22.0					81.7	11.3	84.7	11.3		
24.0					79.8	8.8	82.9	10.6	84.7	9.9
26.0							80.8	8.4	82.7	9.5
Critical boom angle(°)	78		78		78		79		81	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

50m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	10.0								
9.0	83.8	10.0								
10.0	83.2	10.0								
11.0	82.6	10.0								
12.0	82.0	10.0								
14.0	80.7	10.0								
16.0	79.5	10.0	84.2	10.0						
18.0			83.0	10.0						
20.0			81.7	10.0						
22.0			80.4	10.0	84.5	10.0				
24.0					83.0	9.9				
26.0					81.2	8.4	84.9	8.4		
28.0							83.3	8.2		
30.0							81.3	6.8	83.7	7.2
32.0									81.7	6.4
Critical boom angle(°)	78.5		79		79.5		79.5		81	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

50m Boom + 2m + 30m SL Jib

Offset	0°		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	84.9	8.5								
9.0	84.3	8.5								
10.0	83.8	8.5								
11.0	83.2	8.5								
12.0	82.6	8.5								
14.0	81.5	8.5								
16.0	80.3	8.5								
18.0	79.2	8.5								
20.0			84.5	8.5						
22.0			83.3	8.5						
24.0			82.1	8.5						
26.0			80.9	8.5						
28.0					84.3	7.8				
30.0					82.9	7.5				
32.0					81.2	6.5				
34.0							83.5	5.9		
36.0							81.9	5.7	84.4	5.2
									82.6	5.1
Critical boom angle(°)	78.5		79.5		79.5		80		81	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

50m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	7.0								
10.0	84.2	7.0								
11.0	83.7	7.0								
12.0	83.2	7.0								
14.0	82.1	7.0								
16.0	81.1	7.0								
18.0	80.0	7.0								
20.0			84.5	4.9						
22.0			83.2	4.6						
24.0			82.0	4.4						
26.0			80.7	4.2						
28.0					84.3	2.8				
30.0					82.9	2.7				
32.0					81.5	2.6				
34.0							84.3	1.9		
36.0							82.8	1.8		
38.0									83.8	1.5
40.0									82.1	1.4
Critical boom angle(°)	79		79.5		80.5		81.5		81.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.5	18.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.8	16.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8
24.0	73.0	14.6	74.3	13.4	75.8	12.1	77.0	11.3	77.5	11.0
26.0	71.2	13.0	72.5	12.2	74.1	11.1	75.2	10.5	75.6	10.2
28.0	69.3	11.5	70.7	11.2	72.3	10.2	73.3	9.7	73.5	9.5
30.0	67.5	10.1	68.9	10.2	70.4	9.4	71.3	9.0	71.5	8.9
32.0	65.6	8.9	66.9	9.0	68.5	8.7	69.2	8.3	69.3	8.3
34.0	63.7	7.9	64.8	7.9	66.5	8.0	67.2	7.7	67.1	7.7
36.0	61.8	6.9	62.8	7.0	64.5	7.1	65.0	7.1		
38.0	59.8	6.0	60.7	6.1	62.4	6.2	62.9	6.2		
40.0	57.6	5.2	58.5	5.3	60.5	5.4	60.5	5.5		
42.0	55.5	4.5	56.3	4.6	58.6	4.7	58.2	4.7		
44.0	53.2	3.9	54.0	3.9	56.6	4.0	55.7	4.1		
46.0	50.8	3.3	51.6	3.3	54.4	3.4	53.1	3.4		
48.0			49.2	2.8	52.2	2.8				
Critical boom angle(°)	49		49		49		51		66	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SA

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0	71.9	12.0	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9
28.0	70.2	11.8	73.1	10.3	75.1	9.2	76.6	8.6	77.5	8.3
30.0	68.5	10.6	71.4	9.4	73.4	8.5	74.8	8.0	75.6	7.8
32.0	66.8	9.4	69.7	8.6	71.6	7.9	73.0	7.4	73.7	7.3
34.0	65.1	8.3	68.0	8.0	69.9	7.3	71.1	6.9	71.7	6.8
36.0	63.3	7.4	66.3	7.3	68.0	6.8	69.2	6.5	69.7	6.4
38.0	61.5	6.5	64.5	6.7	66.2	6.3	67.2	6.0	67.6	6.0
40.0	59.6	5.7	62.5	5.9	64.2	5.8	65.1	5.6		
42.0	57.7	5.0	60.6	5.2	62.1	5.3	63.0	5.2		
44.0	55.7	4.4	58.6	4.5	60.0	4.7	60.8	4.7		
46.0	53.7	3.8	56.5	3.9	57.8	4.1	58.5	4.1		
48.0	51.6	3.2	54.3	3.4	55.6	3.5	56.1	3.5		
50.0			52.1	2.9	53.2	3.0	53.6	3.0		
52.0					50.7	2.5				
Critical boom angle(°)	49.5		50		50		51		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0	78.6	11.0	82.3	11.0						
20.0	77.4	11.0	81.0	11.0	84.5	11.0				
22.0	76.1	11.0	79.7	11.0	83.0	10.3				
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6		
26.0	73.5	11.0	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5
28.0	72.0	10.8	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1
30.0	70.5	9.8	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6
32.0	69.0	8.9	72.3	7.8	75.2	7.0	77.2	6.5	78.6	6.2
34.0	67.5	8.1	70.7	7.1	73.6	6.5	75.4	6.0	76.7	5.8
36.0	65.9	7.4	69.1	6.6	71.9	6.0	73.7	5.6	74.8	5.5
38.0	64.3	6.8	67.5	6.1	70.1	5.6	71.8	5.2	72.9	5.1
40.0	62.6	6.0	65.8	5.6	68.3	5.1	70.0	4.9	70.8	4.8
42.0	60.8	5.3	64.0	5.1	66.5	4.8	68.1	4.6	68.7	4.5
44.0	59.0	4.7	62.2	4.7	64.7	4.4	66.1	4.2		
46.0	57.2	4.1	60.4	4.3	62.8	4.1	64.1	4.0		
48.0	55.2	3.5	58.5	3.8	60.8	3.8	62.0	3.7		
50.0	53.3	3.0	56.5	3.3	58.7	3.5	59.8	3.4		
52.0	51.2	2.6	54.4	2.8	56.5	3.0	57.4	3.0		
54.0			52.3	2.4	54.3	2.5	55.0	2.6		
56.0					52.0	2.1	52.5	2.1		
Critical boom angle(°)	49.5		51		51		51		67	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0	79.3	9.0	83.8	9.0						
20.0	78.2	9.0	82.6	9.0						
22.0	77.0	9.0	81.4	9.0						
24.0	75.8	9.0	80.2	9.0	84.1	8.5				
26.0	74.6	9.0	79.0	9.0	82.6	7.9				
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6		
30.0	72.2	9.0	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8
32.0	70.8	8.3	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5
34.0	69.3	7.6	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1
36.0	67.8	6.9	71.8	6.0	75.1	5.4	77.7	5.0	79.1	4.8
38.0	66.3	6.3	70.3	5.5	73.5	5.0	76.0	4.7	77.3	4.5
40.0	64.8	5.8	68.8	5.1	71.9	4.7	74.3	4.4	75.4	4.2
42.0	63.3	5.3	67.2	4.7	70.2	4.3	72.6	4.1	73.6	4.0
44.0	61.7	4.9	65.6	4.3	68.6	4.0	70.8	3.8	71.6	3.7
46.0	60.1	4.4	63.9	4.0	66.8	3.7	68.9	3.5	69.5	3.5
48.0	58.4	3.8	62.3	3.7	65.1	3.4	66.9	3.3		
50.0	56.6	3.3	60.5	3.4	63.3	3.2	64.9	3.0		
52.0	54.9	2.9	58.7	3.1	61.4	2.9	62.9	2.8		
54.0	53.0	2.5	56.8	2.7	59.4	2.7	60.7	2.6		
56.0	51.2	2.1	54.8	2.3	57.3	2.5	58.4	2.4		
58.0			52.8	2.0	55.1	2.1	56.0	2.2		
60.0					52.8	1.8	53.5	1.8		
Critical boom angle(°)	49.5		51		51		51		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SA

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0									
10.0	84.3	8.0									
11.0	83.8	8.0									
12.0	83.3	8.0									
14.0	82.3	8.0									
16.0	81.3	8.0									
18.0	80.2	8.0									
20.0	79.2	8.0	84.2	8.0							
22.0	78.2	8.0	83.1	8.0							
24.0	77.1	8.0	82.0	8.0							
26.0	76.1	8.0	80.9	8.0							
28.0	75.0	8.0	79.6	7.7	83.7	6.7					
30.0	73.9	8.0	78.3	7.1	82.3	6.2					
32.0	72.6	7.8	77.0	6.6	80.9	5.8	84.3	5.2			
34.0	71.2	7.1	75.7	6.0	79.5	5.3	82.8	4.9			
36.0	69.9	6.5	74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3	
38.0	68.5	5.9	73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1	
40.0	67.1	5.4	71.6	4.7	75.2	4.3	78.2	4.0	80.1	3.8	
42.0	65.6	5.0	70.1	4.4	73.7	4.0	76.6	3.7	78.3	3.6	
44.0	64.2	4.6	68.5	4.0	72.1	3.7	75.0	3.4	76.5	3.3	
46.0	62.7	4.2	66.8	3.7	70.5	3.4	73.3	3.2	74.7	3.1	
48.0	61.2	3.8	65.2	3.4	68.9	3.1	71.6	3.0	72.6	2.9	
50.0	59.6	3.5	63.5	3.1	67.2	2.9	69.7	2.8	70.5	2.7	
52.0	58.0	3.2	61.8	2.9	65.5	2.7	67.9	2.6	68.4	2.5	
54.0	56.4	2.7	60.2	2.6	63.8	2.5	65.9	2.4			
56.0	54.7	2.4	58.5	2.4	62.0	2.3	63.9	2.2			
58.0	53.0	2.0	56.8	2.2	60.1	2.1	61.8	2.0			
60.0	51.2	1.7	55.0	2.0	58.2	1.9	59.6	1.9			
62.0			53.2	1.6	56.2	1.7	57.2	1.7			
64.0					54.1	1.5	54.8	1.5			
Critical boom angle(°)	49.5		51.5		52		52.5		67.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SA

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5									
11.0	84.2	6.5									
12.0	83.7	6.5									
14.0	82.8	6.5									
16.0	81.9	6.5									
18.0	80.9	6.5									
20.0	80.0	6.5									
22.0	79.0	6.5	83.9	4.7							
24.0	78.0	6.5	82.8	4.4							
26.0	76.9	6.3	81.7	4.2							
28.0	75.8	5.9	80.5	4.0							
30.0	74.6	5.5	79.3	3.8	83.9	2.7					
32.0	73.4	5.2	78.1	3.7	82.7	2.6					
34.0	72.3	4.9	76.9	3.5	81.5	2.5	84.9	1.9			
36.0	71.1	4.6	75.7	3.3	80.2	2.4	83.5	1.8			
38.0	69.9	4.3	74.4	3.1	78.8	2.3	82.1	1.8			
40.0	68.7	4.1	73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4	
42.0	67.4	3.9	71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4	
44.0	66.1	3.8	70.6	2.7	74.7	2.0	77.8	1.6	80.4	1.4	
46.0	64.8	3.6	69.2	2.6	73.3	2.0	76.3	1.6	78.7	1.4	
48.0	63.5	3.4	67.9	2.5	71.8	1.9	74.8	1.5	76.9	1.4	
50.0	62.1	3.2	66.5	2.4	70.3	1.8	73.2	1.5	75.1	1.3	
52.0	60.7	3.0	65.1	2.3	68.8	1.8	71.6	1.5	73.2	1.3	
54.0	59.2	2.8	63.6	2.2	67.3	1.7	69.9	1.4	71.2	1.3	
56.0	57.7	2.5	62.2	2.1	65.7	1.7	68.2	1.4	69.2	1.3	
58.0	56.1	2.2	60.6	2.0	64.0	1.6	66.4	1.4			
60.0	54.4	1.9	58.9	1.9	62.3	1.6	64.5	1.4			
62.0	52.8	1.6	57.2	1.7	60.6	1.5	62.6	1.4			
64.0	51.0	1.3	55.4	1.5	58.8	1.4	60.5	1.4			
66.0			53.6	1.3	56.9	1.3	58.4	1.3			
Critical boom angle(°)	49.5		52		55		56.5		67.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SB

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.5	18.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.8	16.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8
24.0	73.0	14.6	74.3	13.4	75.8	12.1	77.0	11.3	77.5	11.0
26.0	71.2	13.0	72.5	12.2	74.1	11.1	75.2	10.5	75.6	10.2
28.0	69.3	11.5	70.7	11.2	72.3	10.2	73.3	9.7	73.5	9.5
30.0	67.5	10.1	68.9	10.2	70.4	9.4	71.3	9.0	71.5	8.9
32.0	65.6	8.9	66.9	9.0	68.5	8.7	69.2	8.3	69.3	8.3
34.0	63.7	7.9	64.8	7.9	66.5	8.0	67.2	7.7	67.1	7.7
36.0	61.8	6.9	62.8	7.0	64.5	7.1	65.0	7.1		
38.0	59.8	6.0	60.7	6.1	62.4	6.2	62.9	6.2		
40.0	57.6	5.2	58.5	5.3	60.5	5.4	60.5	5.5		
42.0	55.5	4.5	56.3	4.6	58.6	4.7	58.2	4.7		
44.0	53.0	3.3	54.0	3.8	56.6	4.0	55.7	4.1		
46.0					54.2	3.1	53.1	3.3		
Critical boom angle(°)	51		52		52		52		66	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SB

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0	71.9	12.0	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9
28.0	70.2	11.8	73.1	10.3	75.1	9.2	76.6	8.6	77.5	8.3
30.0	68.5	10.6	71.4	9.4	73.4	8.5	74.8	8.0	75.6	7.8
32.0	66.8	9.4	69.7	8.6	71.6	7.9	73.0	7.4	73.7	7.3
34.0	65.1	8.3	68.0	8.0	69.9	7.3	71.1	6.9	71.7	6.8
36.0	63.3	7.4	66.3	7.3	68.0	6.8	69.2	6.5	69.7	6.4
38.0	61.5	6.5	64.5	6.7	66.2	6.3	67.2	6.0	67.6	6.0
40.0	59.6	5.7	62.5	5.9	64.2	5.8	65.1	5.6		
42.0	57.7	5.0	60.6	5.2	62.1	5.3	63.0	5.2		
44.0	55.7	4.4	58.6	4.5	60.0	4.7	60.8	4.7		
46.0	53.5	3.3	56.5	3.9	57.8	4.1	58.5	4.1		
48.0			54.2	3.2	55.6	3.5	56.1	3.5		
50.0					53.1	2.8	53.6	3.0		
Critical boom angle(°)	51.5		52		52		52		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SB

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0	78.6	11.0	82.3	11.0						
20.0	77.4	11.0	81.0	11.0	84.5	11.0				
22.0	76.1	11.0	79.7	11.0	83.0	10.3				
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6		
26.0	73.5	11.0	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5
28.0	72.0	10.8	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1
30.0	70.5	9.8	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6
32.0	69.0	8.9	72.3	7.8	75.2	7.0	77.2	6.5	78.6	6.2
34.0	67.5	8.1	70.7	7.1	73.6	6.5	75.4	6.0	76.7	5.8
36.0	65.9	7.4	69.1	6.6	71.9	6.0	73.7	5.6	74.8	5.5
38.0	64.3	6.8	67.5	6.1	70.1	5.6	71.8	5.2	72.9	5.1
40.0	62.6	6.0	65.8	5.6	68.3	5.1	70.0	4.9	70.8	4.8
42.0	60.8	5.3	64.0	5.1	66.5	4.8	68.1	4.6	68.7	4.5
44.0	59.0	4.7	62.2	4.7	64.7	4.4	66.1	4.2		
46.0	57.2	4.1	60.4	4.3	62.8	4.1	64.1	4.0		
48.0	55.2	3.4	58.5	3.8	60.8	3.8	62.0	3.7		
50.0	53.1	2.5	56.5	3.3	58.7	3.5	59.8	3.4		
52.0			54.4	2.7	56.5	3.0	57.4	3.0		
54.0					54.3	2.5	55.0	2.6		
Critical boom angle(°)	51.5		52.5		52.5		52.5		67	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SB

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0	79.3	9.0	83.8	9.0						
20.0	78.2	9.0	82.6	9.0						
22.0	77.0	9.0	81.4	9.0						
24.0	75.8	9.0	80.2	9.0	84.1	8.5				
26.0	74.6	9.0	79.0	9.0	82.6	7.9				
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6		
30.0	72.2	9.0	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8
32.0	70.8	8.3	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5
34.0	69.3	7.6	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1
36.0	67.8	6.9	71.8	6.0	75.1	5.4	77.7	5.0	79.1	4.8
38.0	66.3	6.3	70.3	5.5	73.5	5.0	76.0	4.7	77.3	4.5
40.0	64.8	5.8	68.8	5.1	71.9	4.7	74.3	4.4	75.4	4.2
42.0	63.3	5.3	67.2	4.7	70.2	4.3	72.6	4.1	73.6	4.0
44.0	61.7	4.9	65.6	4.3	68.6	4.0	70.8	3.8	71.6	3.7
46.0	60.1	4.4	63.9	4.0	66.8	3.7	68.9	3.5	69.5	3.5
48.0	58.4	3.8	62.3	3.7	65.1	3.4	66.9	3.3		
50.0	56.6	3.3	60.5	3.4	63.3	3.2	64.9	3.0		
52.0	54.7	2.7	58.7	3.1	61.4	2.9	62.9	2.8		
54.0	52.6	1.9	56.8	2.7	59.4	2.7	60.7	2.6		
56.0			54.8	2.3	57.3	2.5	58.4	2.4		
58.0					55.1	2.1	56.0	2.2		
60.0							53.5	1.8		
Critical boom angle(°)	51.5		53		53		53		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SB

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8		8.0								
10.0	84.3		8.0								
11.0	83.8		8.0								
12.0	83.3		8.0								
14.0	82.3		8.0								
16.0	81.3		8.0								
18.0	80.2		8.0								
20.0	79.2		8.0	84.2	8.0						
22.0	78.2		8.0	83.1	8.0						
24.0	77.1		8.0	82.0	8.0						
26.0	76.1		8.0	80.9	8.0						
28.0	75.0		8.0	79.6	7.7	83.7	6.7				
30.0	73.9		8.0	78.3	7.1	82.3	6.2				
32.0	72.6		7.8	77.0	6.6	80.9	5.8	84.3	5.2		
34.0	71.2		7.1	75.7	6.0	79.5	5.3	82.8	4.9		
36.0	69.9		6.5	74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3
38.0	68.5		5.9	73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1
40.0	67.1		5.4	71.6	4.7	75.2	4.3	78.2	4.0	80.1	3.8
42.0	65.6		5.0	70.1	4.4	73.7	4.0	76.6	3.7	78.3	3.6
44.0	64.2		4.6	68.5	4.0	72.1	3.7	75.0	3.4	76.5	3.3
46.0	62.7		4.2	66.8	3.7	70.5	3.4	73.3	3.2	74.7	3.1
48.0	61.2		3.8	65.2	3.4	68.9	3.1	71.6	3.0	72.6	2.9
50.0	59.6		3.5	63.5	3.1	67.2	2.9	69.7	2.8	70.5	2.7
52.0	58.0		3.2	61.8	2.9	65.5	2.7	67.9	2.6	68.4	2.5
54.0	56.4		2.7	60.2	2.6	63.8	2.5	65.9	2.4		
56.0	54.5		2.0	58.5	2.4	62.0	2.3	63.9	2.2		
58.0	52.5		1.3	56.8	2.2	60.1	2.1	61.8	2.0		
60.0				55.0	1.9	58.2	1.9	59.6	1.9		
62.0						56.2	1.7	57.2	1.7		
64.0						54.1	1.5	54.8	1.5		
Critical boom angle(°)	51.5		53.5		53.5		53.5		57.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SB

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7		6.5								
11.0	84.2		6.5								
12.0	83.7		6.5								
14.0	82.8		6.5								
16.0	81.9		6.5								
18.0	80.9		6.5								
20.0	80.0		6.5								
22.0	79.0		6.5	83.9	4.7						
24.0	78.0		6.5	82.8	4.4						
26.0	76.9		6.3	81.7	4.2						
28.0	75.8		5.9	80.5	4.0						
30.0	74.6		5.5	79.3	3.8	83.9	2.7				
32.0	73.4		5.2	78.1	3.7	82.7	2.6				
34.0	72.3		4.9	76.9	3.5	81.5	2.5	84.9	1.9		
36.0	71.1		4.6	75.7	3.3	80.2	2.4	83.5	1.8		
38.0	69.9		4.3	74.4	3.1	78.8	2.3	82.1	1.8		
40.0	68.7		4.1	73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4
42.0	67.4		3.9	71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4
44.0	66.1		3.8	70.6	2.7	74.7	2.0	77.8	1.6	80.4	1.4
46.0	64.8		3.6	69.2	2.6	73.3	2.0	76.3	1.6	78.7	1.4
48.0	63.5		3.4	67.9	2.5	71.8	1.9	74.8	1.5	76.9	1.4
50.0	62.1		3.2	66.5	2.4	70.3	1.8	73.2	1.5	75.1	1.3
52.0	60.7		3.0	65.1	2.3	68.8	1.8	71.6	1.5	73.2	1.3
54.0	59.2		2.8	63.6	2.2	67.3	1.7	69.9	1.4	71.2	1.3
56.0	57.7		2.5	62.2	2.1	65.7	1.7	68.2	1.4	69.2	1.3
58.0	56.0		2.1	60.6	2.0	64.0	1.6	66.4	1.4		
60.0	54.1		1.5	58.9	1.9	62.3	1.6	64.5	1.4		
62.0				57.2	1.7	60.6	1.5	62.6	1.4		
64.0				55.4	1.5	58.8	1.4	60.5	1.4		
66.0						56.9	1.3	58.4	1.3		
Critical boom angle(°)	52.5		53.5		55		56.5		67.5		
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton		
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42		
Parts of line	1		1		1		1		1		

Specification SC

55m Boom + 2m + 10.85m SL Jib

Offset	5°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.7	18.0										
9.0	84.0	18.0										
10.0	83.4	18.0										
11.0	82.7	18.0	84.3	18.0								
12.0	82.0	18.0	83.7	18.0								
14.0	80.7	18.0	82.3	18.0	84.3	18.0						
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8		
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8		
20.0	76.5	18.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7		
22.0	74.8	16.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8		
24.0	73.0	14.6	74.3	13.4	75.8	12.1	77.0	11.3	77.5	11.0		
26.0	71.2	13.0	72.5	12.2	74.1	11.1	75.2	10.5	75.6	10.2		
28.0	69.3	11.5	70.7	11.2	72.3	10.2	73.3	9.7	73.5	9.5		
30.0	67.5	10.1	68.9	10.2	70.4	9.4	71.3	9.0	71.5	8.9		
32.0	65.6	8.9	66.9	9.0	68.5	8.7	69.2	8.3	69.3	8.3		
34.0	63.7	7.9	64.8	7.9	66.5	8.0	67.2	7.7	67.1	7.7		
36.0	61.8	6.9	62.8	7.0	64.5	7.1	65.0	7.1				
38.0	59.7	5.7	60.7	6.1	62.4	6.2	62.9	6.2				
40.0	57.4	4.4	58.4	4.9	60.5	5.4	60.5	5.5				
42.0	55.1	3.1	56.1	3.6	58.3	4.2	58.1	4.5				
44.0					55.9	2.9	55.5	3.2				
Critical boom angle(°)	53		54		54		54		66			
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton			
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88			
Parts of line	2		2		2		2		2			

Specification SC

55m Boom + 2m + 15m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
7.0	84.5	12.0										
8.0	83.8	12.0										
9.0	83.2	12.0										
10.0	82.6	12.0										
11.0	81.9	12.0										
12.0	81.3	12.0	84.4	12.0								
14.0	80.0	12.0	83.1	12.0								
16.0	78.7	12.0	81.8	12.0	84.4	12.0						
18.0	77.4	12.0	80.5	12.0	83.0	12.0						
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2		
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2		
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5		
26.0	71.9	12.0	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9		
28.0	70.2	11.8	73.1	10.3	75.1	9.2	76.6	8.6	77.5	8.3		
30.0	68.5	10.6	71.4	9.4	73.4	8.5	74.8	8.0	75.6	7.8		
32.0	66.8	9.4	69.7	8.6	71.6	7.9	73.0	7.4	73.7	7.3		
34.0	65.1	8.3	68.0	8.0	69.9	7.3	71.1	6.9	71.7	6.8		
36.0	63.3	7.4	66.3	7.3	68.0	6.8	69.2	6.5	69.7	6.4		
38.0	61.5	6.5	64.5	6.7	66.2	6.3	67.2	6.0	67.6	6.0		
40.0	59.5	5.4	62.5	5.9	64.2	5.8	65.1	5.6				
42.0	57.5	4.2	60.6	5.2	62.1	5.3	63.0	5.2				
44.0	55.3	3.0	58.4	4.1	60.0	4.7	60.8	4.7				
46.0			56.1	3.0	57.7	3.7	58.5	4.1				
48.0					55.3	2.6	56.0	2.9				
Critical boom angle(°)	53.5		54		54		54		66			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SC

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0	78.6	11.0	82.3	11.0						
20.0	77.4	11.0	81.0	11.0	84.5	11.0				
22.0	76.1	11.0	79.7	11.0	83.0	10.3				
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6		
26.0	73.5	11.0	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5
28.0	72.0	10.8	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1
30.0	70.5	9.8	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6
32.0	69.0	8.9	72.3	7.8	75.2	7.0	77.2	6.5	78.6	6.2
34.0	67.5	8.1	70.7	7.1	73.6	6.5	75.4	6.0	76.7	5.8
36.0	65.9	7.4	69.1	6.6	71.9	6.0	73.7	5.6	74.8	5.5
38.0	64.3	6.8	67.5	6.1	70.1	5.6	71.8	5.2	72.9	5.1
40.0	62.6	6.0	65.8	5.6	68.3	5.1	70.0	4.9	70.8	4.8
42.0	60.8	5.3	64.0	5.1	66.5	4.8	68.1	4.6	68.7	4.5
44.0	58.9	4.2	62.2	4.7	64.7	4.4	66.1	4.2		
46.0	56.9	3.1	60.4	4.3	62.8	4.1	64.1	4.0		
48.0	54.8	2.2	58.3	3.4	60.8	3.8	62.0	3.7		
50.0			56.2	2.4	58.6	3.3	59.8	3.4		
52.0					56.3	2.4	57.4	2.8		
Critical boom angle(°)	53.5		54.5		54.5		55		67	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SC

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0	79.3	9.0	83.8	9.0						
20.0	78.2	9.0	82.6	9.0						
22.0	77.0	9.0	81.4	9.0						
24.0	75.8	9.0	80.2	9.0	84.1	8.5				
26.0	74.6	9.0	79.0	9.0	82.6	7.9				
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6		
30.0	72.2	9.0	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8
32.0	70.8	8.3	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5
34.0	69.3	7.6	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1
36.0	67.8	6.9	71.8	6.0	75.1	5.4	77.7	5.0	79.1	4.8
38.0	66.3	6.3	70.3	5.5	73.5	5.0	76.0	4.7	77.3	4.5
40.0	64.8	5.8	68.8	5.1	71.9	4.7	74.3	4.4	75.4	4.2
42.0	63.3	5.3	67.2	4.7	70.2	4.3	72.6	4.1	73.6	4.0
44.0	61.7	4.9	65.6	4.3	68.6	4.0	70.8	3.8	71.6	3.7
46.0	59.9	4.1	63.9	4.0	66.8	3.7	68.9	3.5	69.5	3.5
48.0	58.1	3.2	62.3	3.7	65.1	3.4	66.9	3.3		
50.0	56.1	2.3	60.5	3.4	63.3	3.2	64.9	3.0		
52.0			58.6	2.8	61.4	2.9	62.9	2.8		
54.0			56.5	2.0	59.4	2.7	60.7	2.6		
56.0					57.2	2.1	58.4	2.4		
58.0							55.9	1.8		
Critical boom angle(°)	54.5		55		55		55		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SC

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0	80.2	8.0								
20.0	79.2	8.0	84.2	8.0						
22.0	78.2	8.0	83.1	8.0						
24.0	77.1	8.0	82.0	8.0						
26.0	76.1	8.0	80.9	8.0						
28.0	75.0	8.0	79.6	7.7	83.7	6.7				
30.0	73.9	8.0	78.3	7.1	82.3	6.2				
32.0	72.6	7.8	77.0	6.6	80.9	5.8	84.3	5.2		
34.0	71.2	7.1	75.7	6.0	79.5	5.3	82.8	4.9		
36.0	69.9	6.5	74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3
38.0	68.5	5.9	73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1
40.0	67.1	5.4	71.6	4.7	75.2	4.3	78.2	4.0	80.1	3.8
42.0	65.6	5.0	70.1	4.4	73.7	4.0	76.6	3.7	78.3	3.6
44.0	64.2	4.6	68.5	4.0	72.1	3.7	75.0	3.4	76.5	3.3
46.0	62.7	4.2	66.8	3.7	70.5	3.4	73.3	3.2	74.7	3.1
48.0	61.2	3.8	65.2	3.4	68.9	3.1	71.6	3.0	72.6	2.9
50.0	59.5	3.2	63.5	3.1	67.2	2.9	69.7	2.8	70.5	2.7
52.0	57.6	2.3	61.8	2.9	65.5	2.7	67.9	2.6	68.4	2.5
54.0	55.8	1.6	60.2	2.6	63.8	2.5	65.9	2.4		
56.0			58.5	2.3	62.0	2.3	63.9	2.2		
58.0			56.5	1.6	60.1	2.1	61.8	2.0		
60.0					58.2	1.9	59.6	1.9		
62.0							57.2	1.7		
Critical boom angle(°)	54.5		55		56		56		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SC

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0	80.0	6.5								
22.0	79.0	6.5	83.9	4.7						
24.0	78.0	6.5	82.8	4.4						
26.0	76.9	6.3	81.7	4.2						
28.0	75.8	5.9	80.5	4.0						
30.0	74.6	5.5	79.3	3.8	83.9	2.7				
32.0	73.4	5.2	78.1	3.7	82.7	2.6				
34.0	72.3	4.9	76.9	3.5	81.5	2.5	84.9	1.9		
36.0	71.1	4.6	75.7	3.3	80.2	2.4	83.5	1.8		
38.0	69.9	4.3	74.4	3.1	78.8	2.3	82.1	1.8		
40.0	68.7	4.1	73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4
42.0	67.4	3.9	71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4
44.0	66.1	3.8	70.6	2.7	74.7	2.0	77.8	1.6	80.4	1.4
46.0	64.8	3.6	69.2	2.6	73.3	2.0	76.3	1.6	78.7	1.4
48.0	63.5	3.4	67.9	2.5	71.8	1.9	74.8	1.5	76.9	1.4
50.0	62.1	3.2	66.5	2.4	70.3	1.8	73.2	1.5	75.1	1.3
52.0	60.7	3.0	65.1	2.3	68.8	1.8	71.6	1.5	73.2	1.3
54.0	59.0	2.4	63.6	2.2	67.3	1.7	69.9	1.4	71.2	1.3
56.0	57.2	1.7	62.2	2.1	65.7	1.7	68.2	1.4	69.2	1.3
58.0			60.6	2.0	64.0	1.6	66.4	1.4		
60.0			58.9	1.9	62.3	1.6	64.5	1.4		
62.0			57.0	1.3	60.6	1.5	62.6	1.4		
64.0					58.8	1.4	60.5	1.4		
66.0							58.4	1.3		
Critical boom angle(°)	55.5		56		57		57		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SD

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.5	18.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.8	16.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8
24.0	73.0	14.6	74.3	13.4	75.8	12.1	77.0	11.3	77.5	11.0
26.0	71.2	13.0	72.5	12.2	74.1	11.1	75.2	10.5	75.6	10.2
28.0	69.3	11.5	70.7	11.2	72.3	10.2	73.3	9.7	73.5	9.5
30.0	67.5	10.1	68.9	10.2	70.4	9.4	71.3	9.0	71.5	8.9
32.0	65.6	8.9	66.9	9.0	68.5	8.7	69.2	8.3	69.3	8.3
34.0	63.6	7.2	64.8	7.9	66.5	8.0	67.2	7.7	67.1	7.7
36.0	61.4	5.6	62.6	6.3	64.5	7.1	65.0	7.1		
38.0	59.3	4.1	60.4	4.7	62.2	5.5	62.8	5.9		
40.0	57.0	2.8	58.2	3.4	60.0	4.0	60.3	4.4		
42.0					57.7	2.7	57.8	3.0		
Critical boom angle(°)	55		56		56		56		66	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SD

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0	71.9	12.0	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9
28.0	70.2	11.8	73.1	10.3	75.1	9.2	76.6	8.6	77.5	8.3
30.0	68.5	10.6	71.4	9.4	73.4	8.5	74.8	8.0	75.6	7.8
32.0	66.8	9.4	69.7	8.6	71.6	7.9	73.0	7.4	73.7	7.3
34.0	65.1	8.3	68.0	8.0	69.9	7.3	71.1	6.9	71.7	6.8
36.0	63.1	6.6	66.3	7.3	68.0	6.8	69.2	6.5	69.7	6.4
38.0	61.2	5.2	64.4	6.5	66.2	6.3	67.2	6.0	67.6	6.0
40.0	59.2	3.9	62.3	5.1	64.2	5.8	65.1	5.6		
42.0	57.1	2.7	60.1	3.8	62.0	4.7	63.0	5.2		
44.0			57.9	2.7	59.8	3.5	60.6	4.0		
46.0					57.4	2.4	58.2	2.8		
Critical boom angle(°)	55		56		56		56		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0	78.6	11.0	82.3	11.0						
20.0	77.4	11.0	81.0	11.0	84.5	11.0				
22.0	76.1	11.0	79.7	11.0	83.0	10.3				
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6		
26.0	73.5	11.0	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5
28.0	72.0	10.8	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1
30.0	70.5	9.8	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6
32.0	69.0	8.9	72.3	7.8	75.2	7.0	77.2	6.5	78.6	6.2
34.0	67.5	8.1	70.7	7.1	73.6	6.5	75.4	6.0	76.7	5.8
36.0	65.9	7.4	69.1	6.6	71.9	6.0	73.7	5.6	74.8	5.5
38.0	64.1	6.3	67.5	6.1	70.1	5.6	71.8	5.2	72.9	5.1
40.0	62.3	5.0	65.8	5.6	68.3	5.1	70.0	4.9	70.8	4.8
42.0	60.4	3.8	64.0	5.1	66.5	4.8	68.1	4.6	68.7	4.5
44.0	58.5	2.8	62.1	4.2	64.7	4.4	66.1	4.2		
46.0	56.5	1.8	60.0	3.1	62.8	4.1	64.1	4.0		
48.0			58.0	2.1	60.5	3.1	62.0	3.7		
50.0					58.3	2.1	59.5	2.7		
Critical boom angle(°)	55		56		56		57		67	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0	79.3	9.0	83.8	9.0						
20.0	78.2	9.0	82.6	9.0						
22.0	77.0	9.0	81.4	9.0						
24.0	75.8	9.0	80.2	9.0	84.1	8.5				
26.0	74.6	9.0	79.0	9.0	82.6	7.9				
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6		
30.0	72.2	9.0	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8
32.0	70.8	8.3	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5
34.0	69.3	7.6	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1
36.0	67.8	6.9	71.8	6.0	75.1	5.4	77.7	5.0	79.1	4.8
38.0	66.3	6.3	70.3	5.5	73.5	5.0	76.0	4.7	77.3	4.5
40.0	64.8	5.8	68.8	5.1	71.9	4.7	74.3	4.4	75.4	4.2
42.0	63.1	4.8	67.2	4.7	70.2	4.3	72.6	4.1	73.6	4.0
44.0	61.3	3.8	65.6	4.3	68.6	4.0	70.8	3.8	71.6	3.7
46.0	59.4	2.8	63.9	4.0	66.8	3.7	68.9	3.5	69.5	3.5
48.0	57.5	1.9	62.2	3.4	65.1	3.4	66.9	3.3		
50.0			60.2	2.5	63.3	3.2	64.9	3.0		
52.0			58.1	1.7	61.4	2.8	62.9	2.8		
54.0					59.1	1.9	60.7	2.5		
56.0							58.1	1.6		
Critical boom angle(°)	56		57		57		57		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SD

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0	80.2	8.0								
20.0	79.2	8.0	84.2	8.0						
22.0	78.2	8.0	83.1	8.0						
24.0	77.1	8.0	82.0	8.0						
26.0	76.1	8.0	80.9	8.0						
28.0	75.0	8.0	79.6	7.7	83.7	6.7				
30.0	73.9	8.0	78.3	7.1	82.3	6.2				
32.0	72.6	7.8	77.0	6.6	80.9	5.8	84.3	5.2		
34.0	71.2	7.1	75.7	6.0	79.5	5.3	82.8	4.9		
36.0	69.9	6.5	74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3
38.0	68.5	5.9	73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1
40.0	67.1	5.4	71.6	4.7	75.2	4.3	78.2	4.0	80.1	3.8
42.0	65.6	5.0	70.1	4.4	73.7	4.0	76.6	3.7	78.3	3.6
44.0	64.2	4.6	68.5	4.0	72.1	3.7	75.0	3.4	76.5	3.3
46.0	62.5	3.6	66.8	3.7	70.5	3.4	73.3	3.2	74.7	3.1
48.0	60.8	2.8	65.2	3.4	68.9	3.1	71.6	3.0	72.6	2.9
50.0	59.0	1.9	63.5	3.1	67.2	2.9	69.7	2.8	70.5	2.7
52.0			61.8	2.8	65.5	2.7	67.9	2.6	68.4	2.5
54.0			60.0	2.0	63.8	2.5	65.9	2.4		
56.0					62.0	2.3	63.9	2.2		
58.0					59.9	1.7	61.8	2.0		
60.0							59.4	1.6		
Critical boom angle(°)	57.5		58.5		58.5		58.5		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SD

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0	80.0	6.5								
22.0	79.0	6.5	83.9	4.7						
24.0	78.0	6.5	82.8	4.4						
26.0	76.9	6.3	81.7	4.2						
28.0	75.8	5.9	80.5	4.0						
30.0	74.6	5.5	79.3	3.8	83.9	2.7				
32.0	73.4	5.2	78.1	3.7	82.7	2.6				
34.0	72.3	4.9	76.9	3.5	81.5	2.5	84.9	1.9		
36.0	71.1	4.6	75.7	3.3	80.2	2.4	83.5	1.8		
38.0	69.9	4.3	74.4	3.1	78.8	2.3	82.1	1.8		
40.0	68.7	4.1	73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4
42.0	67.4	3.9	71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4
44.0	66.1	3.8	70.6	2.7	74.7	2.0	77.8	1.6	80.4	1.4
46.0	64.8	3.6	69.2	2.6	73.3	2.0	76.3	1.6	78.7	1.4
48.0	63.5	3.4	67.9	2.5	71.8	1.9	74.8	1.5	76.9	1.4
50.0	61.8	2.7	66.5	2.4	70.3	1.8	73.2	1.5	75.1	1.3
52.0	60.1	1.9	65.1	2.3	68.8	1.8	71.6	1.5	73.2	1.3
54.0			63.6	2.2	67.3	1.7	69.9	1.4	71.2	1.3
56.0			62.2	2.1	65.7	1.7	68.2	1.4	69.2	1.3
58.0			60.4	1.6	64.0	1.6	66.4	1.4		
60.0					62.3	1.6	64.5	1.4		
62.0					60.6	1.5	62.6	1.4		
64.0							60.5	1.4		
Critical boom angle(°)	58.5		59		59		59		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.5	18.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.8	16.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8
24.0	73.0	14.6	74.3	13.4	75.8	12.1	77.0	11.3	77.5	11.0
26.0	71.2	12.8	72.5	12.2	74.1	11.1	75.2	10.5	75.6	10.2
28.0	69.1	10.3	70.7	11.2	72.3	10.2	73.3	9.7	73.5	9.5
30.0	67.1	8.1	68.6	9.0	70.4	9.4	71.3	9.0	71.5	8.9
32.0	65.0	6.2	66.5	7.0	68.3	8.0	69.2	8.3	69.3	8.3
34.0	62.9	4.5	64.4	5.3	66.1	6.2	67.0	6.8	67.0	7.0
36.0	60.8	3.0	62.1	3.7	63.9	4.5	64.7	5.0		
38.0					61.6	3.1	62.3	3.5		
Critical boom angle(°)	59		60		60		60		66	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SE

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0	71.9	12.0	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9
28.0	70.1	11.2	73.1	10.3	75.1	9.2	76.6	8.6	77.5	8.3
30.0	68.3	9.1	71.4	9.4	73.4	8.5	74.8	8.0	75.6	7.8
32.0	66.4	7.2	69.7	8.6	71.6	7.9	73.0	7.4	73.7	7.3
34.0	64.5	5.5	67.8	7.1	69.9	7.3	71.1	6.9	71.7	6.8
36.0	62.6	4.1	65.8	5.5	68.0	6.7	69.2	6.5	69.7	6.4
38.0	60.6	2.8	63.8	4.1	66.0	5.2	67.2	6.0	67.6	6.0
40.0			61.7	2.8	63.8	3.8	64.9	4.5		
42.0					61.6	2.6	62.6	3.1		
Critical boom angle(°)	59		60		60		60.5		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SE

55m Boom + 2m + 20m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.5	11.0										
9.0	84.0	11.0										
10.0	83.4	11.0										
11.0	82.8	11.0										
12.0	82.2	11.0										
14.0	81.1	11.0	84.7	11.0								
16.0	79.9	11.0	83.5	11.0								
18.0	78.6	11.0	82.3	11.0								
20.0	77.4	11.0	81.0	11.0	84.5	11.0						
22.0	76.1	11.0	79.7	11.0	83.0	10.3						
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6				
26.0	73.5	11.0	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5		
28.0	72.0	10.8	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1		
30.0	70.5	9.8	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6		
32.0	68.9	8.3	72.3	7.8	75.2	7.0	77.2	6.5	78.6	6.2		
34.0	67.1	6.7	70.7	7.1	73.6	6.5	75.4	6.0	76.7	5.8		
36.0	65.3	5.2	69.1	6.6	71.9	6.0	73.7	5.6	74.8	5.5		
38.0	63.5	3.9	67.4	5.7	70.1	5.6	71.8	5.2	72.9	5.1		
40.0	61.7	2.7	65.5	4.4	68.3	5.1	70.0	4.9	70.8	4.8		
42.0	59.8	1.7	63.5	3.2	66.4	4.5	68.1	4.6	68.7	4.5		
44.0			61.4	2.1	64.3	3.3	66.1	4.1				
46.0					62.2	2.2	63.8	2.9				
48.0							61.3	1.8				
Critical boom angle(°)	59		60		60.5		61		67			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SE

55m Boom + 2m + 25m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
9.0	84.4	9.0										
10.0	83.9	9.0										
11.0	83.3	9.0										
12.0	82.7	9.0										
14.0	81.6	9.0										
16.0	80.5	9.0	84.9	9.0								
18.0	79.3	9.0	83.8	9.0								
20.0	78.2	9.0	82.6	9.0								
22.0	77.0	9.0	81.4	9.0								
24.0	75.8	9.0	80.2	9.0	84.1	8.5						
26.0	74.6	9.0	79.0	9.0	82.6	7.9						
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6				
30.0	72.2	9.0	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8		
32.0	70.8	8.3	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5		
34.0	69.3	7.6	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1		
36.0	67.7	6.2	71.8	6.0	75.1	5.4	77.7	5.0	79.1	4.8		
38.0	66.0	4.9	70.3	5.5	73.5	5.0	76.0	4.7	77.3	4.5		
40.0	64.2	3.7	68.8	5.1	71.9	4.7	74.3	4.4	75.4	4.2		
42.0	62.4	2.6	67.1	4.5	70.2	4.3	72.6	4.1	73.6	4.0		
44.0	60.6	1.7	65.3	3.4	68.6	4.0	70.8	3.8	71.6	3.7		
46.0			63.4	2.4	66.8	3.7	68.9	3.5	69.5	3.5		
48.0			61.5	1.5	64.9	2.8	66.9	3.3				
50.0					62.8	1.9	64.8	2.7				
52.0							62.5	1.8				
Critical boom angle(°)	59		60		61		61		67.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SE

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0	80.2	8.0								
20.0	79.2	8.0	84.2	8.0						
22.0	78.2	8.0	83.1	8.0						
24.0	77.1	8.0	82.0	8.0						
26.0	76.1	8.0	80.9	8.0						
28.0	75.0	8.0	79.6	7.7	83.7	6.7				
30.0	73.9	8.0	78.3	7.1	82.3	6.2				
32.0	72.6	7.8	77.0	6.6	80.9	5.8	84.3	5.2		
34.0	71.2	7.1	75.7	6.0	79.5	5.3	82.8	4.9		
36.0	69.9	6.5	74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3
38.0	68.4	5.8	73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1
40.0	66.8	4.6	71.6	4.7	75.2	4.3	78.2	4.0	80.1	3.8
42.0	65.1	3.5	70.1	4.4	73.7	4.0	76.6	3.7	78.3	3.6
44.0	63.4	2.5	68.5	4.0	72.1	3.7	75.0	3.4	76.5	3.3
46.0	61.8	1.7	66.8	3.6	70.5	3.4	73.3	3.2	74.7	3.1
48.0			65.0	2.7	68.9	3.1	71.6	3.0	72.6	2.9
50.0			63.2	1.8	67.2	2.9	69.7	2.8	70.5	2.7
52.0					65.4	2.4	67.9	2.6	68.4	2.5
54.0					63.3	1.6	65.9	2.4		
56.0							63.8	1.7		
Critical boom angle(°)	60.5		61.5		61.5		61.5		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SE

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0	80.0	6.5								
22.0	79.0	6.5	83.9	4.7						
24.0	78.0	6.5	82.8	4.4						
26.0	76.9	6.3	81.7	4.2						
28.0	75.8	5.9	80.5	4.0						
30.0	74.6	5.5	79.3	3.8	83.9	2.7				
32.0	73.4	5.2	78.1	3.7	82.7	2.6				
34.0	72.3	4.9	76.9	3.5	81.5	2.5	84.9	1.9		
36.0	71.1	4.6	75.7	3.3	80.2	2.4	83.5	1.8		
38.0	69.9	4.3	74.4	3.1	78.8	2.3	82.1	1.8		
40.0	68.7	4.1	73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4
42.0	67.4	3.9	71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4
44.0	65.9	3.3	70.6	2.7	74.7	2.0	77.8	1.6	80.4	1.4
46.0	64.2	2.4	69.2	2.6	73.3	2.0	76.3	1.6	78.7	1.4
48.0	62.5	1.6	67.9	2.5	71.8	1.9	74.8	1.5	76.9	1.4
50.0			66.5	2.4	70.3	1.8	73.2	1.5	75.1	1.3
52.0			65.0	2.1	68.8	1.8	71.6	1.5	73.2	1.3
54.0			63.2	1.3	67.3	1.7	69.9	1.4	71.2	1.3
56.0					65.7	1.7	68.2	1.4	69.2	1.3
58.0					63.9	1.3	66.4	1.4		
60.0							64.5	1.4		
Critical boom angle(°)	61		62		62		62.5		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SF

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.5	18.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.8	16.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8
24.0	72.8	13.4	74.3	13.4	75.8	12.1	77.0	11.3	77.5	11.0
26.0	70.8	10.7	72.4	11.7	74.1	11.1	75.2	10.5	75.6	10.2
28.0	68.8	8.3	70.4	9.3	72.3	10.2	73.3	9.7	73.5	9.5
30.0	66.8	6.2	68.3	7.1	70.2	8.2	71.3	9.0	71.5	8.9
32.0	64.7	4.5	66.2	5.3	68.0	6.3	69.0	7.0	69.2	7.3
34.0	62.6	2.9	64.0	3.6	65.7	4.5	66.7	5.1	66.8	5.4
36.0					63.5	3.0	64.4	3.5		
Critical boom angle(°)	61		62		62		63		66	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SF

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0	71.8	11.6	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9
28.0	69.8	9.2	73.1	10.3	75.1	9.2	76.6	8.6	77.5	8.3
30.0	68.0	7.2	71.4	9.1	73.4	8.5	74.8	8.0	75.6	7.8
32.0	66.1	5.5	69.5	7.2	71.6	7.9	73.0	7.4	73.7	7.3
34.0	64.2	3.9	67.5	5.5	69.8	6.8	71.1	6.9	71.7	6.8
36.0	62.3	2.5	65.5	4.0	67.7	5.2	69.2	6.1	69.7	6.4
38.0			63.4	2.6	65.7	3.7	66.9	4.5	67.4	4.8
40.0					63.5	2.4	64.7	3.1		
Critical boom angle(°)	61		62		62		63		66	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

55m Boom + 2m + 20m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.5	11.0										
9.0	84.0	11.0										
10.0	83.4	11.0										
11.0	82.8	11.0										
12.0	82.2	11.0										
14.0	81.1	11.0	84.7	11.0								
16.0	79.9	11.0	83.5	11.0								
18.0	78.6	11.0	82.3	11.0								
20.0	77.4	11.0	81.0	11.0	84.5	11.0						
22.0	76.1	11.0	79.7	11.0	83.0	10.3						
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6				
26.0	73.5	11.0	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5		
28.0	72.0	10.4	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1		
30.0	70.3	8.4	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6		
32.0	68.5	6.6	72.3	7.8	75.2	7.0	77.2	6.5	78.6	6.2		
34.0	66.7	5.0	70.7	7.1	73.6	6.5	75.4	6.0	76.7	5.8		
36.0	65.0	3.7	68.9	5.6	71.9	6.0	73.7	5.6	74.8	5.5		
38.0	63.1	2.4	66.9	4.2	70.1	5.6	71.8	5.2	72.9	5.1		
40.0			65.0	3.0	68.1	4.4	70.0	4.9	70.8	4.8		
42.0			63.1	1.9	66.0	3.2	68.0	4.1	68.7	4.5		
44.0					64.0	2.0	65.7	2.9				
46.0							63.4	1.7				
Critical boom angle(°)	61.5		62		62		63		67			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SF

55m Boom + 2m + 25m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
9.0	84.4	9.0										
10.0	83.9	9.0										
11.0	83.3	9.0										
12.0	82.7	9.0										
14.0	81.6	9.0										
16.0	80.5	9.0	84.9	9.0								
18.0	79.3	9.0	83.8	9.0								
20.0	78.2	9.0	82.6	9.0								
22.0	77.0	9.0	81.4	9.0								
24.0	75.8	9.0	80.2	9.0	84.1	8.5						
26.0	74.6	9.0	79.0	9.0	82.6	7.9						
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6				
30.0	72.2	9.0	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8		
32.0	70.6	7.6	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5		
34.0	68.9	6.0	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1		
36.0	67.3	4.7	71.8	6.0	75.1	5.4	77.7	5.0	79.1	4.8		
38.0	65.6	3.4	70.3	5.5	73.5	5.0	76.0	4.7	77.3	4.5		
40.0	63.8	2.3	68.6	4.4	71.9	4.7	74.3	4.4	75.4	4.2		
42.0			66.7	3.2	70.2	4.3	72.6	4.1	73.6	4.0		
44.0			64.9	2.2	68.5	3.7	70.8	3.8	71.6	3.7		
46.0					66.5	2.7	68.9	3.5	69.5	3.5		
48.0					64.5	1.7	66.7	2.6				
Critical boom angle(°)	63		64		64		64.5		67.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SF

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0	80.2	8.0								
20.0	79.2	8.0	84.2	8.0						
22.0	78.2	8.0	83.1	8.0						
24.0	77.1	8.0	82.0	8.0						
26.0	76.1	8.0	80.9	8.0						
28.0	75.0	8.0	79.6	7.7	83.7	6.7				
30.0	73.9	8.0	78.3	7.1	82.3	6.2				
32.0	72.6	7.8	77.0	6.6	80.9	5.8	84.3	5.2		
34.0	71.2	6.9	75.7	6.0	79.5	5.3	82.8	4.9		
36.0	69.6	5.5	74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3
38.0	68.0	4.3	73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1
40.0	66.3	3.2	71.6	4.7	75.2	4.3	78.2	4.0	80.1	3.8
42.0	64.6	2.2	70.1	4.4	73.7	4.0	76.6	3.7	78.3	3.6
44.0			68.3	3.4	72.1	3.7	75.0	3.4	76.5	3.3
46.0			66.5	2.4	70.5	3.4	73.3	3.2	74.7	3.1
48.0					68.9	3.1	71.6	3.0	72.6	2.9
50.0					66.9	2.2	69.7	2.8	70.5	2.7
52.0							67.8	2.4	68.4	2.5
Critical boom angle(°)	63.5		65		65		66		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SF

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0	80.0	6.5								
22.0	79.0	6.5	83.9	4.7						
24.0	78.0	6.5	82.8	4.4						
26.0	76.9	6.3	81.7	4.2						
28.0	75.8	5.9	80.5	4.0						
30.0	74.6	5.5	79.3	3.8	83.9	2.7				
32.0	73.4	5.2	78.1	3.7	82.7	2.6				
34.0	72.3	4.9	76.9	3.5	81.5	2.5	84.9	1.9		
36.0	71.1	4.6	75.7	3.3	80.2	2.4	83.5	1.8		
38.0	69.9	4.3	74.4	3.1	78.8	2.3	82.1	1.8		
40.0	68.6	4.0	73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4
42.0	67.0	3.0	71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4
44.0			70.6	2.7	74.7	2.0	77.8	1.6	80.4	1.4
46.0			69.2	2.6	73.3	2.0	76.3	1.6	78.7	1.4
48.0			67.9	2.5	71.8	1.9	74.8	1.5	76.9	1.4
50.0					70.3	1.8	73.2	1.5	75.1	1.3
52.0					68.8	1.8	71.6	1.5	73.2	1.3
54.0							69.9	1.4	71.2	1.3
56.0							68.2	1.4	69.2	1.3
Critical boom angle(°)	65.5		66.5		67.5		67.5		67.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.5	17.9	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.5	14.2	76.1	14.8	77.6	13.2	78.8	12.3	79.4	11.8
24.0	72.5	11.1	74.1	12.3	75.8	12.1	77.0	11.3	77.5	11.0
26.0	70.5	8.5	72.1	9.6	74.1	11.0	75.2	10.5	75.6	10.2
28.0	68.5	6.3	70.0	7.3	72.0	8.5	73.2	9.4	73.5	9.5
30.0			68.0	5.3	69.8	6.4	70.9	7.2	71.3	7.6
32.0					67.6	4.5	68.7	5.2	68.9	5.5
Critical boom angle(°)	67		67		67		67		67	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SG

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	73.3	12.0	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0	71.5	9.4	74.8	11.2	76.7	10.0	78.4	9.3	79.4	8.9
28.0	69.5	7.2	72.9	9.3	75.1	9.2	76.6	8.6	77.5	8.3
30.0	67.7	5.4	71.0	7.2	73.4	8.5	74.8	8.0	75.6	7.8
32.0			69.1	5.4	71.4	6.9	73.0	7.4	73.7	7.3
34.0					69.4	5.2	71.0	6.2	71.7	6.7
36.0							68.9	4.5	69.4	4.9
Critical boom angle(°)	67		67.5		67.5		67.5		68	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SG

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0	78.6	11.0	82.3	11.0						
20.0	77.4	11.0	81.0	11.0	84.5	11.0				
22.0	76.1	11.0	79.7	11.0	83.0	10.3				
24.0	74.8	11.0	78.5	11.0	81.5	9.5	83.9	8.6		
26.0	73.5	10.6	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5
28.0	71.6	8.4	75.4	9.2	78.4	8.1	80.6	7.4	82.2	7.1
30.0	69.9	6.5	73.9	8.4	76.8	7.5	78.9	6.9	80.4	6.6
32.0	68.2	4.9	72.2	7.1	75.2	7.0	77.2	6.5	78.6	6.2
34.0			70.3	5.5	73.6	6.5	75.4	6.0	76.7	5.8
36.0			68.4	4.0	71.8	5.7	73.7	5.6	74.8	5.5
38.0					69.8	4.3	71.8	5.2	72.9	5.1
40.0							69.8	4.0	70.8	4.6
Critical boom angle(°)	67		67.5		68		68		68.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0	79.3	9.0	83.8	9.0						
20.0	78.2	9.0	82.6	9.0						
22.0	77.0	9.0	81.4	9.0						
24.0	75.8	9.0	80.2	9.0	84.1	8.5				
26.0	74.6	9.0	79.0	9.0	82.6	7.9				
28.0	73.4	9.0	77.6	8.4	81.2	7.3	84.1	6.6		
30.0	71.9	7.5	76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8
32.0	70.2	5.9	74.8	7.1	78.1	6.3	81.0	5.8	82.6	5.5
34.0	68.6	4.4	73.3	6.5	76.6	5.8	79.4	5.4	80.9	5.1
36.0			71.7	5.5	75.1	5.4	77.7	5.0	79.1	4.8
38.0			69.9	4.1	73.5	5.0	76.0	4.7	77.3	4.5
40.0					71.9	4.7	74.3	4.4	75.4	4.2
42.0					70.0	3.6	72.6	4.1	73.6	4.0
44.0							70.7	3.7	71.6	3.7
46.0									69.5	3.1
Critical boom angle(°)	67		68.5		68.5		69		69	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SG

55m Boom + 2m + 30m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
9.0	84.8	8.0										
10.0	84.3	8.0										
11.0	83.8	8.0										
12.0	83.3	8.0										
14.0	82.3	8.0										
16.0	81.3	8.0										
18.0	80.2	8.0										
20.0	79.2	8.0	84.2	8.0								
22.0	78.2	8.0	83.1	8.0								
24.0	77.1	8.0	82.0	8.0								
26.0	76.1	8.0	80.9	8.0								
28.0	75.0	8.0	79.6	7.7	83.7	6.7						
30.0	73.9	8.0	78.3	7.1	82.3	6.2						
32.0	72.3	6.7	77.0	6.6	80.9	5.8	84.3	5.2				
34.0	70.7	5.3	75.7	6.0	79.5	5.3	82.8	4.9				
36.0			74.4	5.6	78.1	5.0	81.3	4.6	83.5	4.3		
38.0			73.0	5.1	76.7	4.6	79.8	4.3	81.8	4.1		
40.0			71.5	4.2	75.2	4.3	78.2	4.0	80.1	3.8		
42.0					73.7	4.0	76.6	3.7	78.3	3.6		
44.0					72.1	3.7	75.0	3.4	76.5	3.3		
46.0							73.3	3.2	74.7	3.1		
48.0							71.6	3.0	72.6	2.9		
Critical boom angle(°)	69.5		70		70.5		70.5		71			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SG

55m Boom + 2m + 35m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
10.0	84.7	6.5										
11.0	84.2	6.5										
12.0	83.7	6.5										
14.0	82.8	6.5										
16.0	81.9	6.5										
18.0	80.9	6.5										
20.0	80.0	6.5										
22.0	79.0	6.5	83.9	4.7								
24.0	78.0	6.5	82.8	4.4								
26.0	76.9	6.3	81.7	4.2								
28.0	75.8	5.9	80.5	4.0								
30.0	74.6	5.5	79.3	3.8	83.9	2.7						
32.0	73.4	5.2	78.1	3.7	82.7	2.6						
34.0	72.3	4.9	76.9	3.5	81.5	2.5	84.9	1.9				
36.0	71.1	4.6	75.7	3.3	80.2	2.4	83.5	1.8				
38.0			74.4	3.1	78.8	2.3	82.1	1.8				
40.0			73.2	3.0	77.5	2.2	80.7	1.7	83.6	1.4		
42.0			71.9	2.8	76.1	2.1	79.3	1.7	82.0	1.4		
44.0					74.7	2.0	77.8	1.6	80.4	1.4		
46.0					73.3	2.0	76.3	1.6	78.7	1.4		
48.0					71.8	1.9	74.8	1.5	76.9	1.4		
50.0							73.2	1.5	75.1	1.3		
52.0							71.6	1.5	73.2	1.3		
Critical boom angle(°)	70		70.5		70.5		70.5		71.5			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SH

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.9	18.0	79.5	18.0	81.0	15.9	82.3	14.5	83.2	13.8
20.0	76.2	15.0	77.8	16.3	79.3	14.5	80.6	13.3	81.3	12.7
22.0	74.2	11.6	75.8	12.9	77.6	13.2	78.8	12.3	79.4	11.8
24.0	72.1	8.7	73.8	9.9	75.8	11.5	77.0	11.3	77.5	11.0
26.0					73.7	8.8	75.1	9.9	75.6	10.2
28.0							72.8	7.4	73.3	7.9
Critical boom angle(°)	71		72		72		72		72	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SH

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0	76.0	12.0	79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0	74.7	12.0	77.8	12.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0	72.9	9.6	76.4	12.0	78.4	10.9	80.1	10.0	81.2	9.5
26.0			74.5	9.5	76.7	10.0	78.4	9.3	79.4	8.9
28.0					75.0	9.1	76.6	8.6	77.5	8.3
30.0							74.8	8.0	75.6	7.8
Critical boom angle(°)	72		73		73.5		73.5		74	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

55m Boom + 2m + 20m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
8.0	84.5	11.0										
9.0	84.0	11.0										
10.0	83.4	11.0										
11.0	82.8	11.0										
12.0	82.2	11.0										
14.0	81.1	11.0	84.7	11.0								
16.0	79.9	11.0	83.5	11.0								
18.0	78.6	11.0	82.3	11.0								
20.0	77.4	11.0	81.0	11.0	84.5	11.0						
22.0	76.1	11.0	79.7	11.0	83.0	10.3						
24.0	74.8	10.8	78.5	11.0	81.5	9.5	83.9	8.6				
26.0	73.1	8.4	76.9	10.0	79.9	8.8	82.3	8.0	83.9	7.5		
28.0			75.4	9.1	78.4	8.1	80.6	7.4	82.2	7.1		
30.0			73.6	7.1	76.8	7.5	78.9	6.9	80.4	6.6		
32.0					75.2	7.0	77.2	6.5	78.6	6.2		
34.0							75.4	6.0	76.7	5.8		
Critical boom angle(°)	72		73		73.5		74		75			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			

Specification SH

55m Boom + 2m + 25m SL Jib

Offset	0°		15°		30°		45°		60°			
	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)	Working radius (m)	Boom angle(°)	Load (ton)
9.0	84.4	9.0										
10.0	83.9	9.0										
11.0	83.3	9.0										
12.0	82.7	9.0										
14.0	81.6	9.0										
16.0	80.5	9.0	84.9	9.0								
18.0	79.3	9.0	83.8	9.0								
20.0	78.2	9.0	82.6	9.0								
22.0	77.0	9.0	81.4	9.0								
24.0	75.8	9.0	80.2	9.0	84.1	8.5						
26.0	74.6	9.0	79.0	9.0	82.6	7.9						
28.0	73.1	7.4	77.6	8.4	81.2	7.3	84.1	6.6				
30.0			76.2	7.7	79.7	6.8	82.5	6.2	84.3	5.8		
32.0			74.7	6.8	78.1	6.3	81.0	5.8	82.6	5.5		
34.0					76.6	5.8	79.4	5.4	80.9	5.1		
36.0					75.1	5.4	77.7	5.0	79.1	4.8		
38.0							76.0	4.7	77.3	4.5		
40.0									75.4	4.2		
Critical boom angle(°)	72		73.5		73.5		74.5		75			
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton			
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42			
Parts of line	1		1		1		1		1			



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SH

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0	80.2	8.0								
20.0	79.2	8.0	84.2	8.0						
22.0	78.2	8.0	83.1	8.0						
24.0	77.1	8.0	82.0	8.0						
26.0	76.1	8.0	80.9	8.0						
28.0	75.0	8.0	79.6	7.7	83.7	6.7				
30.0	73.5	6.5	78.3	7.1	82.3	6.2				
32.0			77.0	6.6	80.9	5.8	84.3	5.2		
34.0			75.7	6.0	79.5	5.3	82.8	4.9		
36.0					78.1	5.0	81.3	4.6	83.5	4.3
38.0					76.7	4.6	79.8	4.3	81.8	4.1
40.0							78.2	4.0	80.1	3.8
42.0							76.6	3.7	78.3	3.6
44.0									76.5	3.3
Critical boom angle(°)	72		74.5		75.5		75.5		75.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SH

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0	80.0	6.5								
22.0	79.0	6.5	83.9	4.7						
24.0	78.0	6.5	82.8	4.4						
26.0	76.9	6.3	81.7	4.2						
28.0	75.8	5.9	80.5	4.0						
30.0	74.6	5.5	79.3	3.8	83.9	2.7				
32.0			78.1	3.7	82.7	2.6				
34.0			76.9	3.5	81.5	2.5	84.9	1.9		
36.0			75.7	3.3	80.2	2.4	83.5	1.8		
38.0					78.8	2.3	82.1	1.8		
40.0					77.5	2.2	80.7	1.7	83.6	1.4
42.0					76.1	2.1	79.3	1.7	82.0	1.4
44.0							77.8	1.6	80.4	1.4
46.0							76.3	1.6	78.7	1.4
48.0									76.9	1.4
Critical boom angle(°)	73.5		74.5		75.5		75.5		75.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.7	18.0	82.3	18.0	84.3	18.0				
16.0	79.3	18.0	80.9	18.0	82.7	17.5	84.1	15.8	84.8	13.8
18.0	77.5	14.3	79.3	16.1	81.0	15.9	82.3	14.5	83.2	13.8
20.0			77.3	12.1	79.3	14.2	80.6	13.3	81.3	12.7
22.0					77.2	10.6	78.8	12.1	79.4	11.8
24.0							76.7	9.0	77.3	9.8
Critical boom angle(°)	76		76		76		76		76	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SJ

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0	78.7	12.0	81.8	12.0	84.4	12.0				
18.0	77.4	12.0	80.5	12.0	83.0	12.0				
20.0			79.1	12.0	81.6	12.0	83.5	11.6	84.7	10.2
22.0			77.6	11.0	80.0	11.8	81.8	10.8	83.0	10.2
24.0					78.3	10.5	80.1	10.0	81.2	9.5
26.0							78.4	9.3	79.4	8.9
28.0									77.5	8.2
Critical boom angle(°)	76		76		76.5		76.5		76.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SJ

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0	78.6	11.0	82.3	11.0						
20.0	77.4	11.0	81.0	11.0	84.5	11.0				
22.0			79.7	11.0	83.0	10.3				
24.0			78.3	10.0	81.5	9.5	83.9	8.6		
26.0			76.5	7.6	79.9	8.8	82.3	8.0	83.9	7.5
28.0					78.4	8.1	80.6	7.4	82.2	7.1
30.0							78.9	6.9	80.4	6.6
32.0									78.6	6.2
Critical boom angle(°)	76		76		77		77.5		77.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0	79.3	9.0	83.8	9.0						
20.0	78.2	9.0	82.6	9.0						
22.0	77.0	9.0	81.4	9.0						
24.0			80.2	9.0	84.1	8.5				
26.0			79.0	9.0	82.6	7.9				
28.0					81.2	7.3	84.1	6.6		
30.0					79.7	6.8	82.5	6.2	84.3	5.8
32.0					78.1	6.3	81.0	5.8	82.6	5.5
34.0							79.4	5.4	80.9	5.1
36.0									79.1	4.8
Critical boom angle(°)	76		77.5		77.5		78		78	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0	80.2	8.0								
20.0	79.2	8.0	84.2	8.0						
22.0	78.2	8.0	83.1	8.0						
24.0	77.1	8.0	82.0	8.0						
26.0			80.9	8.0						
28.0			79.6	7.7	83.7	6.7				
30.0			78.2	6.6	82.3	6.2				
32.0					80.9	5.8	84.3	5.2		
34.0					79.5	5.3	82.8	4.9		
36.0							81.3	4.6	83.5	4.3
38.0							79.8	4.3	81.8	4.1
40.0									80.1	3.8
Critical boom angle(°)	76		77.5		78		78.5		78.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SJ

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0	80.0	6.5								
22.0	79.0	6.5	83.9	4.7						
24.0	78.0	6.5	82.8	4.4						
26.0			81.7	4.2						
28.0			80.5	4.0						
30.0			79.3	3.8	83.9	2.7				
32.0					82.7	2.6				
34.0					81.5	2.5	84.9	1.9		
36.0							83.5	1.8		
38.0					80.2	2.4	82.1	1.8		
40.0									83.6	1.4
42.0									82.0	1.4
44.0									80.4	1.4
Critical boom angle(°)	77		78		79		79.5		79.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

55m Boom + 2m + 10.85m SL Jib

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	84.7	18.0								
9.0	84.0	18.0								
10.0	83.4	18.0								
11.0	82.7	18.0	84.3	18.0						
12.0	82.0	18.0	83.7	18.0						
14.0	80.6	17.3	82.3	18.0	84.3	18.0				
16.0			80.5	14.1	82.6	16.9	84.1	15.8	84.8	13.8
18.0					80.5	12.2	82.3	14.2	83.2	13.8
Critical boom angle(°)	79		79		80		80.5		81.5	
Standard hook	for 24ton		for 24ton		for 24ton		for 24ton		for 24ton	
Hook mass(ton)	0.88		0.88		0.88		0.88		0.88	
Parts of line	2		2		2		2		2	

Specification SK

55m Boom + 2m + 15m SL Jib

Offset	0°		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	84.5	12.0								
8.0	83.8	12.0								
9.0	83.2	12.0								
10.0	82.6	12.0								
11.0	81.9	12.0								
12.0	81.3	12.0	84.4	12.0						
14.0	80.0	12.0	83.1	12.0						
16.0			81.8	12.0	84.4	12.0				
18.0			80.5	12.0	83.0	12.0				
20.0					81.6	11.7	83.5	11.6	84.7	10.2
22.0							81.8	10.6	83.0	10.2
Critical boom angle(°)	79		79		80		80.5		81.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

55m Boom + 2m + 20m SL Jib

Offset	0°		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	84.5	11.0								
9.0	84.0	11.0								
10.0	83.4	11.0								
11.0	82.8	11.0								
12.0	82.2	11.0								
14.0	81.1	11.0	84.7	11.0						
16.0	79.9	11.0	83.5	11.0						
18.0			82.3	11.0						
20.0			80.9	10.7	84.5	11.0				
22.0					83.0	10.3				
24.0					81.2	8.4	83.9	8.6		
26.0							82.3	8.0	83.9	7.5
28.0									82.2	7.1
Critical boom angle(°)	79		79.5		80		80.5		81.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

55m Boom + 2m + 25m SL Jib

Offset	0°		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	84.4	9.0								
10.0	83.9	9.0								
11.0	83.3	9.0								
12.0	82.7	9.0								
14.0	81.6	9.0								
16.0	80.5	9.0	84.9	9.0						
18.0			83.8	9.0						
20.0			82.6	9.0						
22.0			81.4	9.0						
24.0					84.1	8.5				
26.0					82.6	7.9				
28.0					80.9	6.2	84.1	6.6		
30.0							82.5	6.2	84.3	5.8
32.0									82.6	5.5
Critical boom angle(°)	79.5		80		80		81		81.5	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	



Operation of SL jib (55m Boom) Lifting Capacity Chart

Specification SK

55m Boom + 2m + 30m SL Jib

Offset	0°		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	84.8	8.0								
10.0	84.3	8.0								
11.0	83.8	8.0								
12.0	83.3	8.0								
14.0	82.3	8.0								
16.0	81.3	8.0								
18.0										
20.0			84.2	8.0						
22.0			83.1	8.0						
24.0										
26.0										
28.0										
30.0					83.7	6.7				
32.0										
34.0							84.3	5.2		
36.0							82.4	3.7		
36.0									83.5	4.3
Critical boom angle(°)	80.5		82		82		82		82	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	

Specification SK

55m Boom + 2m + 35m SL Jib

Offset	0°		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	84.7	6.5								
11.0	84.2	6.5								
12.0	83.7	6.5								
14.0	82.8	6.5								
16.0	81.9	6.5								
18.0	80.9	6.5								
20.0										
22.0			83.9	4.7						
24.0			82.8	4.4						
26.0										
28.0										
30.0					83.9	2.7				
32.0					82.7	2.6				
34.0							84.9	1.9		
36.0							83.5	1.8		
38.0										
40.0									83.6	1.4
Critical boom angle(°)	80.5		82		82		82		82	
Standard hook	for 12ton		for 12ton		for 12ton		for 12ton		for 12ton	
Hook mass(ton)	0.42		0.42		0.42		0.42		0.42	
Parts of line	1		1		1		1		1	