

# HL Jib Lifting Capacity Chart

## Specification HA

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	84.0	80.7			
10.0	82.8	76.6	66.0		
11.0	78.3	72.9	63.4		
12.0	72.8	69.5	61.1	51.3	
14.0	63.4	63.8	56.9	48.5	34.6
16.0	56.1	56.5	53.4	46.2	33.7
18.0	50.2	50.7	50.3	44.4	33.1
20.0	45.1	45.8	46.3	42.9	32.9
22.0	40.2	40.8	41.3	41.8	
24.0	36.1	36.5	36.9	37.1	
26.0	32.6	32.9	33.1		
28.0	29.6	29.7			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HA

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	77.0	77.0	68.1		
11.0	77.0	76.1	65.7		
12.0	76.9	73.9	63.5		
14.0	65.1	66.7	59.5	50.8	37.7
16.0	56.0	57.3	56.2	48.6	36.8
18.0	48.7	49.8	50.9	46.8	36.1
20.0	42.8	43.7	44.6	45.2	35.6
22.0	37.8	38.7	39.4	40.2	35.4
24.0	33.7	34.4	35.0	35.6	
26.0	30.2	30.7	31.2	31.6	
28.0	27.1	27.5	27.9	28.1	
30.0	24.4	24.8	25.0		
32.0	22.0	22.2			
34.0	17.6				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HA

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	64.0	64.0	64.0		
12.0	64.0	64.0	64.0		
14.0	63.9	64.0	61.4	51.8	
16.0	54.8	56.3	57.7	49.9	38.8
18.0	47.5	48.8	50.0	48.2	38.1
20.0	41.5	42.7	43.7	45.0	37.5
22.0	36.6	37.6	38.5	39.5	37.2
24.0	32.4	33.3	34.0	34.8	35.2
26.0	28.8	29.6	30.2	30.8	
28.0	25.7	26.4	26.9	27.3	
30.0	23.0	23.6	23.9	24.2	
32.0	20.5	20.9	21.2		
34.0	18.3	18.6	18.7		
36.0	16.3	16.5			
38.0	12.5				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HA

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.3	38.3	34.9	30.1	
16.0	41.2	37.5	34.2	29.7	25.5
18.0	40.2	36.8	33.7	29.4	25.4
20.0	39.4	36.2	33.2	29.2	25.3
22.0	36.4	35.7	32.9	29.0	25.3
24.0	32.2	33.2	32.7	29.0	25.3
26.0	28.7	29.5	30.3	29.0	25.3
28.0	25.6	26.3	27.0	27.7	25.3
30.0	22.8	23.5	24.1	24.7	
32.0	20.3	20.9	21.4	21.9	
34.0	18.0	18.6	19.0	19.4	
36.0	16.1	16.5	16.9	17.1	
38.0	14.3	14.7	14.9		
40.0	12.7	13.0	13.2		
42.0	11.3	11.5	11.5		
44.0	9.9	10.1			
46.0	7.6				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HB

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	84.0	80.7			
10.0	82.8	76.6	66.0		
11.0	78.3	72.9	63.4		
12.0	72.8	69.5	61.1	51.3	
14.0	63.4	63.8	56.9	48.5	34.6
16.0	56.1	56.6	53.4	46.2	33.7
18.0	49.3	50.2	50.3	44.4	33.1
20.0	43.6	44.3	44.9	42.9	32.9
22.0	38.8	39.4	39.9	40.3	
24.0	34.7	35.2	35.6	35.8	
26.0	31.0	31.3	31.5		
28.0	27.9	28.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HB

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	77.0	77.0	68.1		
11.0	77.0	76.1	65.7		
12.0	74.4	73.9	63.5		
14.0	62.9	64.5	59.5	50.8	37.7
16.0	54.0	55.4	56.2	48.6	36.8
18.0	47.0	48.1	49.2	46.8	36.1
20.0	41.2	42.2	43.1	44.1	35.6
22.0	36.4	37.2	38.0	38.8	35.4
24.0	32.1	32.9	33.5	34.2	
26.0	28.4	29.0	29.5	30.0	
28.0	25.2	25.7	26.1	26.3	
30.0	22.5	22.8	23.0		
32.0	20.1	20.3			
34.0	17.6				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

Specification HB

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	64.0	64.0	64.0		
12.0	64.0	64.0	64.0		
14.0	61.8	63.6	61.4	51.8	
16.0	52.8	54.4	55.8	49.9	38.8
18.0	45.7	47.1	48.3	48.2	38.1
20.0	40.0	41.1	42.1	43.4	37.5
22.0	35.1	36.1	37.0	38.1	37.2
24.0	30.7	31.6	32.4	33.4	33.7
26.0	26.9	27.7	28.4	29.1	
28.0	23.7	24.4	25.0	25.5	
30.0	21.0	21.5	21.9	22.2	
32.0	18.6	19.0	19.3		
34.0	16.5	16.8	16.9		
36.0	14.6	14.8			
38.0	12.5				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

Specification HB

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.3	38.3	34.8	30.1	
16.0	41.2	37.5	34.2	29.7	25.5
18.0	40.2	36.8	33.7	29.4	25.4
20.0	39.4	36.2	33.2	29.2	25.3
22.0	35.0	35.7	32.9	29.0	25.3
24.0	30.5	31.6	32.5	29.0	25.3
26.0	26.8	27.7	28.5	29.0	25.3
28.0	23.6	24.4	25.1	25.9	25.3
30.0	20.8	21.5	22.1	22.7	
32.0	18.4	19.0	19.5	20.0	
34.0	16.2	16.8	17.2	17.6	
36.0	14.4	14.8	15.2	15.4	
38.0	12.7	13.0	13.3		
40.0	11.2	11.5	11.6		
42.0	9.8	10.0	10.1		
44.0	8.6	8.7			
46.0	7.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HC

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	84.0	80.7			
10.0	82.8	76.6	66.0		
11.0	78.3	72.9	63.4		
12.0	72.8	69.5	61.1	51.3	
14.0	63.0	63.8	56.9	48.5	34.6
16.0	54.4	55.5	53.4	46.2	33.7
18.0	47.6	48.4	49.2	44.4	33.1
20.0	41.4	42.2	42.9	42.9	32.9
22.0	36.4	37.0	37.5	38.0	
24.0	32.2	32.7	33.0	33.3	
26.0	28.7	29.0	29.2		
28.0	25.7	25.8			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HC

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	77.0	77.0	68.1		
11.0	77.0	76.1	65.7		
12.0	71.9	73.8	63.5		
14.0	60.8	62.4	59.5	50.8	37.7
16.0	52.1	53.5	54.7	48.6	36.8
18.0	45.0	46.3	47.5	46.8	36.1
20.0	38.8	39.9	40.8	42.0	35.6
22.0	33.7	34.6	35.4	36.4	35.4
24.0	29.5	30.3	30.9	31.6	
26.0	26.0	26.6	27.1	27.6	
28.0	23.0	23.5	23.9	24.1	
30.0	20.4	20.8	21.0		
32.0	18.2	18.4			
34.0	16.2				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

Specification HC

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	64.0	64.0	64.0		
12.0	64.0	64.0	64.0		
14.0	59.6	61.4	61.4	51.8	
16.0	50.9	52.5	53.9	49.9	38.8
18.0	43.6	45.1	46.5	48.1	38.1
20.0	37.4	38.7	39.8	41.3	37.5
22.0	32.3	33.4	34.4	35.6	36.2
24.0	28.1	29.1	29.9	30.8	31.2
26.0	24.6	25.4	26.1	26.8	
28.0	21.6	22.2	22.8	23.3	
30.0	18.9	19.5	19.9	20.2	
32.0	16.7	17.1	17.4		
34.0	14.7	15.0	15.1		
36.0	12.9	13.1			
38.0	11.3				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

Specification HC

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.3	38.3	34.8	30.1	
16.0	41.2	37.5	34.2	29.7	25.5
18.0	40.2	36.8	33.7	29.4	25.4
20.0	37.2	36.2	33.2	29.2	25.3
22.0	32.2	33.4	32.9	29.0	25.3
24.0	28.0	29.0	30.0	29.0	25.3
26.0	24.4	25.3	26.2	27.1	25.3
28.0	21.4	22.2	22.9	23.7	24.0
30.0	18.8	19.5	20.1	20.7	
32.0	16.5	17.1	17.6	18.1	
34.0	14.4	15.0	15.4	15.8	
36.0	12.7	13.1	13.5	13.7	
38.0	11.1	11.4	11.7		
40.0	9.6	9.9	10.1		
42.0	8.3	8.6	8.6		
44.0	7.2	7.3			
46.0	6.1				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HD

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	84.0	80.7			
10.0	82.8	76.6	66.0		
11.0	78.3	72.9	63.4		
12.0	71.7	69.5	61.1	51.3	
14.0	60.9	62.1	56.9	48.5	34.6
16.0	51.5	52.7	53.4	46.2	33.7
18.0	44.2	45.1	46.0	44.4	33.1
20.0	38.3	39.1	39.8	40.6	32.9
22.0	33.6	34.2	34.7	35.2	
24.0	29.6	30.1	30.4	30.7	
26.0	26.3	26.6	26.8		
28.0	23.5	23.6			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HD

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	77.0	77.0	68.1		
11.0	76.2	76.1	65.7		
12.0	69.5	71.3	63.5		
14.0	58.5	60.2	59.5	50.8	37.7
16.0	48.9	50.5	51.9	48.6	36.8
18.0	41.5	42.8	44.0	45.5	36.1
20.0	35.7	36.8	37.8	38.9	35.6
22.0	30.9	31.8	32.6	33.6	34.0
24.0	27.0	27.7	28.4	29.1	
26.0	23.6	24.3	24.8	25.2	
28.0	20.8	21.3	21.7	21.9	
30.0	18.4	18.7	19.0		
32.0	16.3	16.5			
34.0	14.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8



## Specification HD

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	64.0	64.0	64.0		
12.0	64.0	64.0	64.0		
14.0	57.2	59.3	61.0	51.8	
16.0	47.6	49.3	51.0	49.9	38.8
18.0	40.2	41.7	43.1	44.8	38.1
20.0	34.3	35.6	36.7	38.2	37.5
22.0	29.5	30.6	31.6	32.7	33.4
24.0	25.6	26.5	27.3	28.2	28.6
26.0	22.2	23.0	23.7	24.4	
28.0	19.4	20.0	20.6	21.1	
30.0	16.9	17.4	17.9	18.2	
32.0	14.7	15.2	15.5		
34.0	12.9	13.2	13.3		
36.0	11.2	11.4			
38.0	9.7				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HD

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.3	38.3	34.8	30.1	
16.0	41.2	37.5	34.2	29.7	25.5
18.0	40.0	36.8	33.7	29.4	25.4
20.0	34.1	35.6	33.2	29.2	25.3
22.0	29.4	30.6	31.7	29.0	25.3
24.0	25.4	26.5	27.4	28.5	25.3
26.0	22.0	23.0	23.8	24.7	25.2
28.0	19.2	20.0	20.7	21.5	21.8
30.0	16.7	17.4	18.0	18.7	
32.0	14.5	15.2	15.7	16.2	
34.0	12.6	13.2	13.6	14.0	
36.0	11.0	11.4	11.8	12.0	
38.0	9.5	9.8	10.1		
40.0	8.1	8.4	8.6		
42.0	6.9	7.1	7.2		
44.0	5.8	5.9			
46.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HE

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	84.0	80.7			
10.0	81.8	76.6	66.0		
11.0	73.6	72.9	63.4		
12.0	66.1	67.9	61.1	51.3	
14.0	54.4	55.8	56.9	48.5	34.6
16.0	45.7	46.9	47.9	46.2	33.7
18.0	39.0	39.9	40.8	41.9	33.1
20.0	33.7	34.4	35.1	35.9	32.9
22.0	29.3	29.9	30.5	31.0	
24.0	25.8	26.2	26.6	26.8	
26.0	22.7	23.1	23.3		
28.0	20.2	20.3			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HE

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	77.0	77.0	68.1		
11.0	71.0	73.6	65.7		
12.0	63.5	65.8	63.5		
14.0	51.8	53.6	55.4	50.8	37.7
16.0	43.1	44.6	46.0	47.9	36.8
18.0	36.4	37.7	38.8	40.3	36.1
20.0	31.0	32.1	33.1	34.3	35.0
22.0	26.7	27.6	28.4	29.3	29.8
24.0	23.1	23.9	24.5	25.2	
26.0	20.1	20.7	21.2	21.7	
28.0	17.5	18.0	18.4	18.6	
30.0	15.3	15.6	15.9		
32.0	13.4	13.6			
34.0	11.7				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

Specification HE

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	64.0	64.0	64.0		
12.0	62.2	64.0	64.0		
14.0	50.4	52.5	54.5	51.8	
16.0	41.7	43.5	45.1	47.2	38.8
18.0	35.0	36.5	37.9	39.6	38.1
20.0	29.6	30.9	32.1	33.5	34.4
22.0	25.3	26.4	27.4	28.5	29.1
24.0	21.7	22.6	23.4	24.4	24.7
26.0	18.7	19.5	20.1	20.8	
28.0	16.1	16.7	17.3	17.8	
30.0	13.8	14.4	14.8	15.1	
32.0	11.9	12.3	12.6		
34.0	10.2	10.5	10.6		
36.0	8.6	8.8			
38.0	7.3				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

Specification HE

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.3	38.3	34.8	30.1	
16.0	41.2	37.5	34.2	29.7	25.5
18.0	34.8	36.5	33.7	29.4	25.4
20.0	29.5	30.9	32.2	29.2	25.3
22.0	25.1	26.4	27.5	28.8	25.3
24.0	21.5	22.6	23.6	24.7	25.3
26.0	18.5	19.4	20.2	21.2	21.6
28.0	15.9	16.7	17.4	18.2	18.5
30.0	13.6	14.1	15.0	15.6	
32.0	11.7	12.3	12.8	13.3	
34.0	9.9	10.5	10.9	11.2	
36.0	8.4	8.9	9.2	9.4	
38.0	7.0	7.4	7.7		
40.0	5.8	6.1	6.3		
42.0	4.7	4.9	5.0		
44.0	3.7	3.8			
Critical boom angle(°)	18	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HF

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	84.0	80.7			
10.0	77.0	76.6	66.0		
11.0	68.4	70.4	63.4		
12.0	61.3	63.1	61.1	51.3	
14.0	50.3	51.7	53.1	48.5	34.6
16.0	42.1	43.3	44.4	45.8	33.7
18.0	35.8	36.8	37.7	38.7	33.1
20.0	30.8	31.6	32.3	33.1	32.9
22.0	26.8	27.4	27.9	28.4	
24.0	23.4	23.9	24.2	24.5	
26.0	20.6	20.9	21.1		
28.0	18.2	18.3			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HF

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	74.4	77.0	68.1		
11.0	65.8	68.3	65.7		
12.0	58.7	61.0	63.1		
14.0	47.7	49.5	51.3	50.8	37.7
16.0	39.5	41.1	42.5	44.3	36.8
18.0	33.2	34.5	35.7	37.2	36.1
20.0	28.2	29.3	30.3	31.5	32.2
22.0	24.1	25.1	25.9	26.8	27.2
24.0	20.8	21.5	22.2	22.9	
26.0	17.9	18.5	19.1	19.5	
28.0	15.5	16.0	16.4	16.6	
30.0	13.4	13.8	14.0		
32.0	11.6	11.8			
34.0	10.1				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HF

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	64.0	64.0	64.0		
12.0	57.4	60.0	62.4		
14.0	46.4	48.5	50.4	51.8	
16.0	38.2	39.9	41.6	43.7	38.8
18.0	31.8	33.3	34.7	36.5	37.6
20.0	26.8	28.1	29.3	30.7	31.6
22.0	22.7	23.8	24.8	26.0	26.6
24.0	19.4	20.3	21.1	22.0	22.4
26.0	16.5	17.3	18.0	18.7	
28.0	14.1	14.7	15.3	15.8	
30.0	12.0	12.5	12.9	13.2	
32.0	10.1	10.5	10.8		
34.0	8.5	8.8	9.0		
36.0	7.1	7.3			
38.0	5.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HF

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.3	38.3	34.8	30.1	
16.0	38.0	37.5	34.2	29.7	25.5
18.0	31.7	33.3	33.7	29.4	25.4
20.0	26.7	28.1	29.4	29.2	25.3
22.0	22.6	23.8	24.9	26.2	25.3
24.0	19.2	20.3	21.2	22.3	23.0
26.0	16.3	17.3	18.1	19.0	19.5
28.0	13.9	14.7	15.4	16.2	16.5
30.0	11.8	12.5	13.1	13.7	
32.0	9.9	10.5	11.1	11.5	
34.0	8.3	8.8	9.3	9.6	
36.0	6.9	7.3	7.7	7.9	
38.0	5.6	5.9	6.2		
40.0	4.4	4.7	4.9		
42.0	3.4	3.6	3.7		
Critical boom angle(°)	26	27	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HG

14.4m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	84.0				
7.0	84.0				
8.0	84.0	84.0			
9.0	81.1	80.7			
10.0	71.2	73.4	66.0		
11.0	63.2	65.1	63.4		
12.0	56.5	58.3	60.0	51.3	
14.0	46.2	47.7	49.0	48.5	34.6
16.0	38.6	39.7	40.8	42.2	33.7
18.0	32.7	33.6	34.5	35.6	33.1
20.0	28.0	28.8	29.4	30.0	30.3
22.0	23.9	24.4	24.8	25.3	
24.0	20.5	20.9	21.2	21.4	
26.0	17.8	18.1	18.2		
28.0	15.6	15.7			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HG

19.55m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
6.0	77.0				
7.0	77.0				
8.0	77.0	77.0			
9.0	77.0	77.0			
10.0	68.6	71.4	68.1		
11.0	60.6	63.1	65.5		
12.0	53.9	56.2	58.3		
14.0	43.6	45.5	47.2	49.5	37.7
16.0	36.0	37.5	38.9	40.8	36.8
18.0	30.1	31.4	32.5	34.0	35.0
20.0	25.4	26.5	27.5	28.6	29.3
22.0	21.6	22.5	23.1	23.9	24.3
24.0	18.4	19.0	19.5	20.1	
26.0	15.7	16.2	16.6	17.0	
28.0	13.5	13.9	14.1	14.3	
30.0	11.6	11.9	12.1		
32.0	9.9	10.1			
34.0	8.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 150ton	for 150ton	for 150ton	for 150ton	for 150ton
Hook mass(ton)	1.90	1.90	1.90	1.90	1.90
Parts of line	8	8	8	8	8

## Specification HG

23.6m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
7.0	64.0				
8.0	64.0				
9.0	64.0	64.0			
10.0	64.0	64.0			
11.0	59.2	62.1	64.0		
12.0	52.6	55.2	57.6		
14.0	42.3	44.4	46.4	48.9	
16.0	34.6	36.4	38.0	40.1	38.8
18.0	28.7	30.2	31.6	33.3	34.5
20.0	24.0	25.3	26.4	27.9	28.7
22.0	20.2	21.3	22.3	23.2	23.8
24.0	17.0	17.9	18.7	19.4	19.7
26.0	14.3	15.1	15.7	16.3	
28.0	12.1	12.7	13.3	13.7	
30.0	10.1	10.6	11.1	11.4	
32.0	8.4	8.8	9.1		
34.0	6.9	7.2	7.3		
36.0	5.5	5.7			
38.0	4.3				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HG

32m Boom + 4.4m + 13m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	45.0				
9.0	45.0				
10.0	45.0	40.4			
11.0	44.3	39.8			
12.0	43.6	39.3	35.6		
14.0	42.2	38.3	34.8	30.1	
16.0	34.5	36.4	34.2	29.7	25.5
18.0	28.6	30.2	31.7	29.4	25.4
20.0	23.9	25.3	26.5	28.1	25.3
22.0	20.0	21.2	22.3	23.5	24.1
24.0	16.8	17.9	18.8	19.7	20.2
26.0	14.2	15.1	15.8	16.6	16.9
28.0	11.9	12.7	13.4	14.0	14.2
30.0	9.9	10.6	11.2	11.8	
32.0	8.2	8.8	9.3	9.8	
34.0	6.7	7.2	7.6	8.0	
36.0	5.3	5.8	6.1	6.3	
38.0	4.1	4.5	4.7		
40.0	3.0	3.3	3.5		
Critical boom angle(°)	32	33	34	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HA

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	54.0	47.6			
16.0	50.5	43.4	38.0		
18.0	45.6	39.8	35.4		
20.0	41.6	36.8	33.1	28.2	
22.0	38.2	34.3	31.1	26.9	19.6
24.0	35.3	32.1	29.4	25.8	19.1
26.0	32.9	30.2	28.0	24.9	18.7
28.0	30.8	28.5	26.7	24.1	18.5
30.0	28.7	27.1	25.6	23.5	
32.0	26.4	25.9	24.8	23.1	
34.0	24.3	24.6	24.1		
36.0	22.4	22.6	22.8		
38.0	18.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HA

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	50.0	49.8			
16.0	50.0	45.7	39.1		
18.0	49.9	42.2	36.6		
20.0	45.2	39.2	34.4	29.4	
22.0	40.2	36.6	32.6	28.2	
24.0	36.0	34.4	30.9	27.1	20.9
26.0	32.4	32.4	29.4	26.2	20.5
28.0	29.3	30.3	28.2	25.4	20.2
30.0	26.6	27.5	27.0	24.7	20.0
32.0	24.2	25.0	25.7	24.2	20.0
34.0	22.1	22.7	23.3	23.8	
36.0	20.0	20.6	21.1	21.6	
38.0	18.2	18.7	19.1		
40.0	16.6	17.0	17.2		
42.0	15.2	15.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6



## Specification HA

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	45.0	45.0	42.2		
18.0	45.0	45.0	39.5		
20.0	44.2	43.3	37.3	31.2	
22.0	39.2	40.4	35.3	29.9	
24.0	34.9	36.4	33.5	28.8	22.2
26.0	31.3	32.6	31.9	27.9	21.7
28.0	28.2	29.4	30.5	27.0	21.4
30.0	25.4	26.5	27.5	26.3	21.1
32.0	23.0	24.0	24.8	25.6	21.0
34.0	20.8	21.7	22.4	23.3	21.0
36.0	18.7	19.5	20.2	20.9	
38.0	16.9	17.6	18.1	18.6	
40.0	15.3	15.8	16.3		
42.0	13.8	14.2	14.5		
44.0	12.5	12.8	12.9		
46.0	11.2	11.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HA

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	30.0	27.6	24.8		
22.0	29.7	26.9	24.3	20.6	
24.0	28.8	26.2	23.8	20.2	16.9
26.0	28.1	25.6	23.3	19.9	16.7
28.0	27.4	25.1	22.9	19.7	16.6
30.0	24.7	24.7	22.6	19.5	16.6
32.0	22.3	23.4	22.3	19.4	16.6
34.0	20.1	21.1	22.1	19.3	16.6
36.0	18.0	19.0	19.9	19.3	16.6
38.0	16.2	17.1	17.8	18.7	16.6
40.0	14.6	15.4	16.0	16.7	
42.0	13.1	13.8	14.4	14.9	
44.0	11.8	12.4	12.9	13.3	
46.0	10.6	11.1	11.5		
48.0	9.5	9.9	10.2		
50.0	8.4	8.8	9.0		
55.0	5.3				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HA

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	20.0	20.0	20.0	18.4	
26.0	20.0	20.0	20.0	18.2	15.2
28.0	20.0	20.0	20.0	18.0	15.1
30.0	20.0	20.0	20.0	17.8	15.0
32.0	20.0	20.0	20.0	17.7	15.0
34.0	18.8	19.6	20.0	17.6	15.0
36.0	17.3	18.0	18.7	17.5	15.0
38.0	15.9	16.6	17.2	17.5	15.0
40.0	14.3	15.2	15.9	16.6	15.0
42.0	12.9	13.7	14.4	15.2	15.0
44.0	11.5	12.3	12.9	13.5	
46.0	10.3	11.0	11.5	12.0	
48.0	9.2	9.8	10.2	10.7	
50.0	8.1	8.6	9.1	9.4	
55.0	5.9	6.2	6.4		
60.0	4.0	4.1			
Critical boom angle(°)	15	20	30	45	60
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 HA

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	16.0	16.0	16.0	15.8	13.2
28.0	16.0	16.0	16.0	15.7	13.1
30.0	16.0	16.0	16.0	15.5	13.0
32.0	16.0	16.0	16.0	15.4	13.0
34.0	16.0	16.0	16.0	15.3	13.0
36.0	15.5	16.0	16.0	15.2	13.0
38.0	14.3	15.0	15.6	15.2	13.0
40.0	13.1	13.8	14.4	15.1	13.0
42.0	12.0	12.6	13.2	13.9	13.0
44.0	11.0	11.6	12.1	12.7	13.0
46.0	10.0	10.6	11.1	11.6	
48.0	8.9	9.6	10.1	10.6	
50.0	7.9	8.5	9.0	9.4	
55.0	5.6	6.1	6.4	6.6	
60.0	3.7	4.0	4.2		
Critical boom angle(°)	25	26	30	45	60
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 HA

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	11.0	11.0	10.9	9.2	7.6
34.0	11.0	11.0	10.8	9.1	7.6
36.0	11.0	11.0	10.7	9.1	7.6
38.0	11.0	11.0	10.6	9.1	7.6
40.0	11.0	11.0	10.6	9.1	7.6
42.0	10.2	10.8	10.5	9.1	7.6
44.0	9.3	9.9	10.3	9.1	7.6
46.0	8.5	9.0	9.5	9.1	7.6
48.0	7.8	8.3	8.7	9.1	
50.0	7.1	7.5	7.9	8.3	
55.0	5.4	5.9	6.2	6.5	
60.0	3.5	3.9	4.2		
Critical boom angle(°)	33	35	36	45	60
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 HA

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	9.0	9.0	8.1	6.7	5.5
36.0	9.0	9.0	8.0	6.7	5.5
38.0	9.0	8.9	8.0	6.7	5.5
40.0	9.0	8.8	7.9	6.7	5.5
42.0	8.7	8.8	7.9	6.7	5.5
44.0	7.9	8.5	7.9	6.7	5.5
46.0	7.2	7.7	7.9	6.7	5.5
48.0	6.5	6.9	7.4	6.7	5.5
50.0	5.8	6.3	6.7	6.7	
55.0	4.4	4.8	5.1	5.4	
60.0	3.2	3.5	3.7	3.9	
Critical boom angle(°)	38	40	41	45	60
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 HB

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	54.0	47.6			
16.0	50.5	43.4	38.0		
18.0	45.6	39.8	35.4		
20.0	41.6	36.8	33.1	28.2	
22.0	38.2	34.3	31.1	26.9	19.6
24.0	35.3	32.1	29.4	25.8	19.1
26.0	32.9	30.2	28.0	24.8	18.7
28.0	30.0	28.5	26.7	24.1	18.5
30.0	27.2	27.1	25.6	23.5	
32.0	24.7	25.3	24.8	23.1	
34.0	22.6	23.0	23.3		
36.0	20.7	21.0	21.1		
38.0	18.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HB

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	50.0	49.8			
16.0	50.0	45.7	39.1		
18.0	49.5	42.2	36.6		
20.0	43.6	39.2	34.4	29.4	
22.0	38.8	36.6	32.6	28.2	
24.0	34.7	34.4	30.9	27.1	20.9
26.0	30.9	32.1	29.4	26.2	20.5
28.0	27.7	28.7	28.2	25.4	20.2
30.0	24.9	25.8	26.7	24.7	20.0
32.0	22.4	23.2	24.0	24.2	20.0
34.0	20.3	20.9	21.6	22.3	
36.0	18.3	18.9	19.4	19.9	
38.0	16.6	17.1	17.5		
40.0	15.1	15.4	15.7		
42.0	13.7	13.9			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HB

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	45.0	45.0	42.2		
18.0	45.0	45.0	39.5		
20.0	42.6	43.3	37.3	31.2	
22.0	37.7	39.4	35.3	29.9	
24.0	33.5	35.1	33.5	28.8	22.2
26.0	29.7	31.2	31.9	27.9	21.7
28.0	26.4	27.7	28.9	27.0	21.4
30.0	23.6	24.8	25.8	26.3	21.1
32.0	21.1	22.2	23.1	24.2	21.0
34.0	19.0	19.9	20.7	21.6	21.0
36.0	17.0	17.8	18.5	19.2	
38.0	15.3	16.0	16.5	17.0	
40.0	13.8	14.3	14.7		
42.0	12.4	12.8	13.1		
44.0	11.1	11.4	11.5		
46.0	9.9	10.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HB

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	30.0	27.6	24.8		
22.0	29.7	26.9	24.3	20.6	
24.0	28.8	26.2	23.8	20.2	16.9
26.0	28.1	25.6	23.3	19.9	16.7
28.0	25.7	25.1	22.9	19.7	16.6
30.0	22.9	24.2	22.6	19.5	16.6
32.0	20.4	21.6	22.3	19.4	16.6
34.0	18.3	19.3	20.3	19.3	16.6
36.0	16.3	17.3	18.2	19.2	16.6
38.0	14.6	15.5	16.2	17.1	16.6
40.0	13.1	13.8	14.5	15.2	
42.0	11.7	12.3	12.9	13.5	
44.0	10.4	11.0	11.5	11.9	
46.0	9.2	9.7	10.1		
48.0	8.2	8.6	8.9		
50.0	7.2	7.5	7.7		
55.0	5.1				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HB

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	20.0	20.0	20.0	18.4	
26.0	20.0	20.0	20.0	18.2	15.2
28.0	20.0	20.0	20.0	18.0	15.1
30.0	20.0	20.0	20.0	17.8	15.0
32.0	20.0	20.0	20.0	17.7	15.0
34.0	18.0	19.2	20.0	17.6	15.0
36.0	16.1	17.2	18.2	17.5	15.0
38.0	14.4	15.4	16.2	17.3	15.0
40.0	12.8	13.7	14.5	15.4	15.0
42.0	11.4	12.2	12.9	13.7	14.0
44.0	10.1	10.9	11.5	12.2	
46.0	9.0	9.6	10.2	10.7	
48.0	7.9	8.5	9.0	9.4	
50.0	6.9	7.4	7.8	8.1	
55.0	4.8	5.1	5.3		
60.0	3.0	3.1			
Critical boom angle(°)	19	20	30	45	60
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 HB

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	16.0	16.0	16.0	15.8	13.2
28.0	16.0	16.0	16.0	15.7	13.1
30.0	16.0	16.0	16.0	15.5	13.0
32.0	16.0	16.0	16.0	15.4	13.0
34.0	16.0	16.0	16.0	15.3	13.0
36.0	15.5	16.0	16.0	15.2	13.0
38.0	14.1	15.0	15.6	15.2	13.0
40.0	12.5	13.5	14.4	15.1	13.0
42.0	11.1	12.0	12.8	13.7	13.0
44.0	9.9	10.7	11.4	12.1	12.4
46.0	8.7	9.4	10.1	10.7	
48.0	7.6	8.3	8.9	9.4	
50.0	6.6	7.2	7.7	8.2	
55.0	4.5	5.0	5.3	5.5	
60.0	2.7	3.0	3.2		
Critical boom angle(°)	27	28	30	45	60
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 HB

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	11.0	11.0	10.9	9.2	7.6
34.0	11.0	11.0	10.8	9.1	7.6
36.0	11.0	11.0	10.7	9.1	7.6
38.0	11.0	11.0	10.6	9.1	7.6
40.0	11.0	11.0	10.6	9.1	7.6
42.0	10.2	10.8	10.5	9.1	7.6
44.0	9.3	9.9	10.3	9.1	7.6
46.0	8.4	9.0	9.5	9.1	7.6
48.0	7.4	8.1	8.7	9.1	
50.0	6.4	7.1	7.6	8.2	
55.0	4.3	4.8	5.2	5.5	
60.0		2.9	3.2		
Critical boom angle(°)	40	40	40	45	60
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 HB

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	9.0	9.0	8.1	6.7	5.5
36.0	9.0	9.0	8.0	6.7	5.5
38.0	9.0	8.9	8.0	6.7	5.5
40.0	9.0	8.8	7.9	6.7	5.5
42.0	8.7	8.8	7.9	6.7	5.5
44.0	7.9	8.5	7.9	6.7	5.5
46.0	7.2	7.7	7.9	6.7	5.5
48.0	6.5	6.9	7.4	6.7	5.5
50.0	5.8	6.3	6.7	6.7	
55.0	4.1	4.6	5.1	5.4	
60.0		2.7	3.1	3.3	
Critical boom angle(°)	44	44	44	45	60
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 HC

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	54.0	47.6			
16.0	50.5	43.4	38.0		
18.0	45.6	39.8	35.4		
20.0	41.6	36.8	33.1	28.2	
22.0	38.2	34.3	31.1	26.9	19.6
24.0	34.4	32.1	29.4	25.8	19.1
26.0	30.8	30.2	28.0	24.8	18.7
28.0	27.8	28.5	26.7	24.1	18.5
30.0	25.1	25.8	25.6	23.5	
32.0	22.8	23.3	23.8	23.1	
34.0	20.8	21.2	21.5		
36.0	19.0	19.3	19.4		
38.0	17.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HC

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	50.0	49.8			
16.0	50.0	45.7	39.1		
18.0	47.8	42.2	36.6		
20.0	41.6	39.2	34.4	29.4	
22.0	36.4	36.6	32.6	28.2	
24.0	32.2	33.6	30.9	27.1	20.9
26.0	28.6	29.8	29.4	26.2	20.5
28.0	25.5	26.6	27.6	25.4	20.2
30.0	22.8	23.8	24.9	24.7	20.0
32.0	20.5	21.3	22.1	23.0	20.0
34.0	18.5	19.2	19.8	20.5	
36.0	16.6	17.2	17.7	18.2	
38.0	15.0	15.5	15.9		
40.0	13.6	13.9	14.1		
42.0	12.3	12.5			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6



## Specification HC

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	45.0	45.0	42.2		
18.0	45.0	45.0	39.5		
20.0	40.5	42.6	37.3	31.2	
22.0	35.3	37.1	35.3	29.9	
24.0	31.0	32.6	33.5	28.8	22.2
26.0	27.4	28.8	30.2	27.9	21.7
28.0	24.3	25.6	26.8	27.0	21.4
30.0	21.6	22.7	23.8	25.1	21.1
32.0	19.2	20.2	21.2	22.3	21.0
34.0	17.2	18.1	18.9	19.8	20.2
36.0	15.3	16.1	16.8	17.5	
38.0	13.7	14.4	14.9	15.4	
40.0	12.2	12.8	13.2		
42.0	10.9	11.3	11.6		
44.0	9.7	10.0	10.1		
46.0	8.6	8.7			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HC

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	30.0	27.6	24.8		
22.0	29.7	26.9	24.3	20.6	
24.0	28.8	26.2	23.8	20.2	16.9
26.0	26.6	25.6	23.3	19.9	16.7
28.0	23.5	25.0	22.9	19.7	16.6
30.0	20.9	22.2	22.6	19.5	16.6
32.0	18.5	19.7	20.8	19.4	16.6
34.0	16.5	17.5	18.5	19.3	16.6
36.0	14.6	15.6	16.5	17.5	16.6
38.0	13.0	13.9	14.6	15.5	15.8
40.0	11.5	12.3	13.0	13.7	
42.0	10.2	10.9	11.5	12.0	
44.0	9.0	9.6	10.1	10.5	
46.0	7.9	8.4	8.8		
48.0	6.9	7.3	7.6		
50.0	6.0	6.3	6.5		
55.0	4.0				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HC

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	20.0	20.0	20.0	18.4	
26.0	20.0	20.0	20.0	18.2	15.2
28.0	20.0	20.0	20.0	18.0	15.1
30.0	20.0	20.0	20.0	17.8	15.0
32.0	18.3	19.6	20.0	17.7	15.0
34.0	16.2	17.4	18.5	17.6	15.0
36.0	14.4	15.5	16.5	17.5	15.0
38.0	12.8	13.8	14.6	15.7	15.0
40.0	11.3	12.2	13.0	13.9	14.3
42.0	10.0	10.8	11.5	12.3	12.5
44.0	8.7	9.5	10.1	10.8	
46.0	7.6	8.3	8.9	9.4	
48.0	6.6	7.2	7.7	8.1	
50.0	5.7	6.2	6.6	6.9	
55.0	3.7	4.0	4.2		
Critical boom angle(°)	26	27	30	45	60
Standard hook	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 HC

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	16.0	16.0	16.0	15.8	13.2
28.0	16.0	16.0	16.0	15.7	13.1
30.0	16.0	16.0	16.0	15.5	13.0
32.0	16.0	16.0	16.0	15.4	13.0
34.0	16.0	16.0	16.0	15.3	13.0
36.0	14.1	15.3	16.0	15.2	13.0
38.0	12.5	13.5	14.5	15.2	13.0
40.0	11.0	12.0	12.8	13.8	13.0
42.0	9.7	10.6	11.3	12.2	12.6
44.0	8.5	9.3	10.0	10.8	11.0
46.0	7.4	8.1	8.7	9.4	
48.0	6.4	7.0	7.6	8.1	
50.0	5.4	6.0	6.5	7.0	
55.0	3.4	3.8	4.2	4.4	
Critical boom angle(°)	38	40	42	45	60
Standard hook	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 HC

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	11.0	11.0	10.9	9.2	7.6
34.0	11.0	11.0	10.8	9.1	7.6
36.0	11.0	11.0	10.7	9.1	7.6
38.0	11.0	11.0	10.6	9.1	7.6
40.0	10.8	11.0	10.6	9.1	7.6
42.0	9.4	10.4	10.5	9.1	7.6
44.0	8.2	9.1	9.8	9.1	7.6
46.0	7.1	7.9	8.6	9.1	7.6
48.0	6.1	6.8	7.5	8.1	
50.0	5.2	5.8	6.4	7.0	
55.0	3.1	3.7	4.1	4.4	
Critical boom angle(°)	42	44	46	48	60
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 HC

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	9.0	9.0	8.1	6.7	5.5
36.0	9.0	9.0	8.0	6.7	5.5
38.0	9.0	8.9	8.0	6.7	5.5
40.0	9.0	8.8	7.9	6.7	5.5
42.0	8.7	8.8	7.9	6.7	5.5
44.0	7.9	8.5	7.9	6.7	5.5
46.0	6.9	7.7	7.9	6.7	5.5
48.0	5.9	6.7	7.4	6.7	5.5
50.0	5.0	5.7	6.3	6.7	
55.0	3.0	3.5	4.0	4.5	
Critical boom angle(°)	45	47	48	49	60
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



# Operation of 22m HL jib Lifting Capacity Chart

## Specification HD

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	54.0	47.6			
16.0	50.5	43.4	38.0		
18.0	45.6	39.8	35.4		
20.0	40.7	36.8	33.1	28.2	
22.0	35.9	34.3	31.1	26.9	19.6
24.0	31.9	32.1	29.4	25.8	19.1
26.0	28.5	29.4	28.0	24.8	18.7
28.0	25.6	26.3	26.7	24.1	18.5
30.0	23.1	23.7	24.3	23.5	
32.0	20.9	21.4	21.9	22.4	
34.0	19.0	19.4	19.7		
36.0	17.3	17.6	17.7		
38.0	15.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HD

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	50.0	49.8			
16.0	50.0	45.7	39.1		
18.0	44.5	42.2	36.6		
20.0	38.5	39.2	34.4	29.4	
22.0	33.6	35.2	32.6	28.2	
24.0	29.6	31.0	30.9	27.1	20.9
26.0	26.2	27.4	28.6	26.2	20.5
28.0	23.3	24.4	25.4	25.4	20.2
30.0	20.8	21.7	22.6	23.7	20.0
32.0	18.6	19.4	20.1	21.0	20.0
34.0	16.7	17.4	18.0	18.7	
36.0	14.9	15.5	16.0	16.5	
38.0	13.4	13.9	14.3		
40.0	12.1	12.4	12.6		
42.0	10.8	11.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HD

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	45.0	45.0	42.2		
18.0	43.4	45.0	39.5		
20.0	37.4	39.5	37.3	31.2	
22.0	32.5	34.3	35.3	29.9	
24.0	28.4	30.1	31.6	28.8	22.2
26.0	25.0	26.4	27.8	27.9	21.7
28.0	22.1	23.4	24.6	26.1	21.4
30.0	19.5	20.7	21.7	23.1	21.1
32.0	17.3	18.3	19.3	20.4	21.0
34.0	15.4	16.3	17.1	18.0	18.4
36.0	13.6	14.4	15.1	15.8	
38.0	12.1	12.8	13.3	13.8	
40.0	10.7	11.3	11.7		
42.0	9.5	9.9	10.2		
44.0	8.3	8.6	8.8		
46.0	7.3	7.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HD

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	30.0	27.6	24.8		
22.0	29.7	26.9	24.3	20.6	
24.0	27.7	26.2	23.8	20.2	16.9
26.0	24.3	25.6	23.3	19.9	16.7
28.0	21.3	22.8	22.9	19.7	16.6
30.0	18.8	20.1	21.3	19.5	16.6
32.0	16.6	17.8	18.9	19.4	16.6
34.0	14.7	15.7	16.7	17.9	16.6
36.0	12.9	13.9	14.8	15.8	16.3
38.0	11.4	12.3	13.0	13.9	14.2
40.0	10.0	10.8	11.4	12.2	
42.0	8.8	9.4	10.0	10.6	
44.0	7.6	8.2	8.7	9.1	
46.0	6.6	7.1	7.5		
48.0	5.6	6.1	6.4		
50.0	4.8	5.1	5.3		
Critical boom angle(°)	18	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HD

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	20.0	20.0	20.0	18.4	
26.0	20.0	20.0	20.0	18.2	15.2
28.0	20.0	20.0	20.0	18.0	15.1
30.0	18.6	20.0	20.0	17.8	15.0
32.0	16.4	17.7	18.9	17.7	15.0
34.0	14.4	15.6	16.7	17.6	15.0
36.0	12.7	13.8	14.8	15.9	15.0
38.0	11.2	12.1	13.0	14.1	14.6
40.0	9.8	10.7	11.5	12.4	12.8
42.0	8.5	9.3	10.0	10.8	11.1
44.0	7.4	8.1	8.7	9.4	
46.0	6.3	7.0	7.5	8.1	
48.0	5.4	5.9	6.4	6.8	
50.0	4.5	5.0	5.4	5.7	
55.0		2.9	3.1		
Critical boom angle(°)	36	36	36	45	60
Standard hook	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 HD

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	16.0	16.0	16.0	15.8	13.2
28.0	16.0	16.0	16.0	15.7	13.1
30.0	16.0	16.0	16.0	15.5	13.0
32.0	16.0	16.0	16.0	15.4	13.0
34.0	14.2	15.4	16.0	15.3	13.0
36.0	12.4	13.6	14.6	15.2	13.0
38.0	10.9	11.9	12.9	14.0	13.0
40.0	9.5	10.5	11.3	12.3	12.8
42.0	8.2	9.1	9.9	10.8	11.2
44.0	7.1	7.9	8.6	9.4	9.7
46.0	6.0	6.8	7.4	8.1	
48.0	5.1	5.8	6.3	6.9	
50.0	4.2	4.8	5.3	5.8	
55.0		2.7	3.1	3.3	
Critical boom angle(°)	42	42	42	45	60
Standard hook	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 HD

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	11.0	11.0	10.9	9.2	7.6
34.0	11.0	11.0	10.8	9.1	7.6
36.0	11.0	11.0	10.7	9.1	7.6
38.0	10.6	11.0	10.6	9.1	7.6
40.0	9.2	10.3	10.6	9.1	7.6
42.0	8.0	8.9	9.7	9.1	7.6
44.0	6.8	7.7	8.5	9.1	7.6
46.0	5.8	6.6	7.3	8.0	7.6
48.0	4.8	5.6	6.2	6.9	
50.0	4.0	4.6	5.2	5.8	
55.0			3.0	3.3	
Critical boom angle(°)	47	48	48	49	60
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 HD

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	9.0	9.0	8.1	6.7	5.5
36.0	9.0	9.0	8.0	6.7	5.5
38.0	9.0	8.9	8.0	6.7	5.5
40.0	9.0	8.8	7.9	6.7	5.5
42.0	7.8	8.8	7.9	6.7	5.5
44.0	6.6	7.6	7.9	6.7	5.5
46.0	5.6	6.4	7.2	6.7	5.5
48.0	4.6	5.4	6.1	6.7	5.5
50.0	3.8	4.5	5.1	5.7	
55.0			2.9	3.3	
Critical boom angle(°)	49	51	51	51	60
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



# Operation of 22m HL jib Lifting Capacity Chart

## Specification HE

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	54.0	47.6			
16.0	48.3	43.4	38.0		
18.0	41.5	39.8	35.4		
20.0	36.1	36.8	33.1	28.2	
22.0	31.7	32.9	31.1	26.9	19.6
24.0	28.0	29.0	29.4	25.8	19.1
26.0	24.9	25.8	26.7	24.8	18.7
28.0	22.3	23.0	23.8	24.1	18.5
30.0	20.0	20.6	21.2	21.9	
32.0	18.0	18.5	19.0	19.5	
34.0	16.3	16.7	17.0		
36.0	14.7	15.0	15.2		
38.0	13.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HE

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	50.0	49.8			
16.0	46.2	45.7	39.1		
18.0	39.3	41.4	36.6		
20.0	33.8	35.7	34.4	29.4	
22.0	29.4	31.0	32.5	28.2	
24.0	25.7	27.1	28.5	27.1	20.9
26.0	22.6	23.9	25.0	26.2	20.5
28.0	20.0	21.1	22.1	23.4	20.2
30.0	17.7	18.6	19.5	20.6	20.0
32.0	15.7	16.5	17.3	18.2	18.6
34.0	13.9	14.6	15.3	15.9	
36.0	12.4	13.0	13.5	13.9	
38.0	11.0	11.5	11.8		
40.0	9.8	10.1	10.3		
42.0	8.6	8.8			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6



## Specification HE

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	45.0	45.0	42.2		
18.0	38.2	40.6	39.5		
20.0	32.7	34.8	36.8	31.2	
22.0	28.3	30.1	31.9	29.9	
24.0	24.6	26.2	27.8	28.8	22.2
26.0	21.4	22.9	24.3	26.1	21.7
28.0	18.8	20.1	21.3	22.8	21.4
30.0	16.5	17.6	18.7	20.0	20.9
32.0	14.4	15.5	16.4	17.5	18.1
34.0	12.7	13.6	14.4	15.3	15.6
36.0	11.1	11.9	12.5	13.3	
38.0	9.7	10.3	10.9	11.4	
40.0	8.4	9.0	9.4		
42.0	7.3	7.7	8.0		
44.0	6.2	6.5	6.7		
46.0	5.3	5.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HE

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	30.0	27.6	24.8		
22.0	27.5	26.9	24.3	20.6	
24.0	23.8	25.6	23.8	20.2	16.9
26.0	20.7	22.3	23.3	19.9	16.7
28.0	18.0	19.5	20.9	19.7	16.6
30.0	15.7	17.0	18.3	19.5	16.6
32.0	13.7	14.9	16.0	17.4	16.6
34.0	11.9	13.0	14.0	15.2	15.9
36.0	10.4	11.3	12.2	13.2	13.7
38.0	9.0	9.8	10.6	11.5	11.8
40.0	7.7	8.5	9.1	9.9	
42.0	6.6	7.2	7.8	8.4	
44.0	5.5	6.1	6.6	7.0	
46.0	4.6	5.1	5.5		
48.0	3.7	4.2	4.5		
50.0		3.3	3.5		
Critical boom angle(°)	32	32	32	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HE

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	20.0	20.0	20.0	18.4	
26.0	20.0	20.0	20.0	18.2	15.2
28.0	17.9	19.4	20.0	18.0	15.1
30.0	15.5	17.0	18.3	17.8	15.0
32.0	13.5	14.8	16.0	17.5	15.0
34.0	11.7	12.9	14.0	15.3	15.0
36.0	10.2	11.2	12.3	13.4	14.1
38.0	8.7	9.7	10.6	11.6	12.2
40.0	7.5	8.4	9.2	10.1	10.5
42.0	6.3	7.1	7.8	8.6	8.9
44.0	5.3	6.0	6.6	7.3	
46.0	4.3	5.0	5.5	6.1	
48.0	3.4	4.0	4.5	4.9	
50.0		3.2	3.6	3.9	
Critical boom angle(°)	43	43	44	45	60
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 HE

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	16.0	16.0	16.0	15.8	13.2
28.0	16.0	16.0	16.0	15.7	13.1
30.0	15.3	16.0	16.0	15.5	13.0
32.0	13.2	14.6	15.8	15.4	13.0
34.0	11.5	12.7	13.8	15.3	13.0
36.0	9.9	11.0	12.1	13.3	13.0
38.0	8.5	9.5	10.5	11.6	12.2
40.0	7.2	8.2	9.0	10.0	10.5
42.0	6.0	6.9	7.7	8.6	9.0
44.0	5.0	5.8	6.5	7.3	7.6
46.0	4.0	4.8	5.4	6.1	
48.0	3.2	3.8	4.4	5.0	
50.0		3.0	3.5	3.9	
Critical boom angle(°)	48	48	48	50	60
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 HE

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	11.0	11.0	10.9	9.2	7.6
34.0	11.0	11.0	10.8	9.1	7.6
36.0	9.6	10.8	10.7	9.1	7.6
38.0	8.2	9.3	10.3	9.1	7.6
40.0	6.9	8.0	8.9	9.1	7.6
42.0	5.8	6.7	7.6	8.5	7.6
44.0	4.7	5.6	6.4	7.2	7.6
46.0	3.8	4.6	5.3	6.0	6.3
48.0	2.9	3.7	4.3	4.9	
50.0		2.8	3.4	3.9	
Critical boom angle(°)	52	52	52	54	60
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 HE

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	9.0	9.0	8.1	6.7	5.5
36.0	9.0	9.0	8.0	6.7	5.5
38.0	8.0	8.9	8.0	6.7	5.5
40.0	6.8	7.8	7.9	6.7	5.5
42.0	5.6	6.6	7.4	6.7	5.5
44.0	4.6	5.5	6.3	6.7	5.5
46.0	3.6	4.4	5.2	6.0	5.5
48.0	2.7	3.5	4.2	4.9	5.2
50.0		2.7	3.3	3.9	
Critical boom angle(°)	54	54	55	55	60
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 HF

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	53.1	47.6			
16.0	44.8	43.4	38.0		
18.0	38.4	39.8	35.4		
20.0	33.2	34.6	33.1	28.2	
22.0	29.1	30.3	31.1	26.9	19.6
24.0	25.7	26.6	27.4	25.8	19.1
26.0	22.7	23.4	24.1	24.8	18.7
28.0	20.1	20.7	21.3	22.0	18.5
30.0	17.9	18.4	18.9	19.5	
32.0	16.1	16.5	16.8	17.2	
34.0	14.5	14.8	15.0		
36.0	13.1	13.3	13.4		
38.0	11.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HF

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	50.0	49.8			
16.0	42.6	45.0	39.1		
18.0	36.2	38.2	36.6		
20.0	31.0	32.8	34.4	29.4	
22.0	26.9	28.4	30.0	28.2	
24.0	23.4	24.8	26.1	27.1	20.9
26.0	20.5	21.7	22.8	24.0	20.5
28.0	18.0	19.1	20.0	21.0	20.2
30.0	15.8	16.8	17.6	18.4	19.0
32.0	14.0	14.8	15.5	16.2	16.5
34.0	12.3	13.0	13.6	14.2	
36.0	10.8	11.4	11.9	12.4	
38.0	9.5	10.0	10.4		
40.0	8.4	8.7	8.9		
42.0	7.3	7.5			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HF

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	41.5	44.3	42.2		
18.0	35.1	37.5	39.5		
20.0	29.9	32.0	34.0	31.2	
22.0	25.7	27.6	29.3	29.9	
24.0	22.2	23.9	25.4	27.2	22.2
26.0	19.3	20.7	22.1	23.6	21.7
28.0	16.8	18.1	19.3	20.6	21.4
30.0	14.6	15.7	16.8	18.0	18.6
32.0	12.7	13.7	14.6	15.7	16.2
34.0	11.0	11.9	12.7	13.6	14.0
36.0	9.5	10.3	11.0	11.7	
38.0	8.2	8.9	9.4	9.9	
40.0	7.0	7.6	8.0		
42.0	5.9	6.4	6.7		
44.0	5.0	5.3	5.4		
46.0	4.1	4.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HF

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	29.2	27.6	24.8		
22.0	25.0	26.9	24.3	20.6	
24.0	21.5	23.3	23.8	20.2	16.9
26.0	18.6	20.2	21.7	19.9	16.7
28.0	16.0	17.5	18.9	19.7	16.6
30.0	13.9	15.2	16.4	17.8	16.6
32.0	12.0	13.2	14.2	15.6	16.3
34.0	10.3	11.4	12.3	13.5	14.2
36.0	8.8	9.8	10.6	11.7	12.2
38.0	7.5	8.4	9.1	10.0	10.3
40.0	6.3	7.1	7.8	8.5	
42.0	5.2	5.9	6.5	7.1	
44.0	4.3	4.9	5.3	5.8	
46.0	3.4	3.9	4.3		
48.0		3.0	3.3		
Critical boom angle(°)	37	37	38	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HF

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	20.0	20.0	20.0	18.4	
26.0	18.4	20.0	20.0	18.2	15.2
28.0	15.9	17.4	18.9	18.0	15.1
30.0	13.7	15.1	16.4	17.8	15.0
32.0	11.8	13.1	14.3	15.7	15.0
34.0	10.1	11.3	12.4	13.7	14.4
36.0	8.6	9.7	10.7	11.8	12.5
38.0	7.3	8.3	9.1	10.2	10.7
40.0	6.1	7.0	7.8	8.7	9.1
42.0	5.0	5.8	6.5	7.3	7.6
44.0	4.0	4.7	5.4	6.0	
46.0	3.1	3.8	4.3	4.9	
48.0		2.9	3.4	3.8	
50.0				2.8	
Critical boom angle(°)	46	46	47	47	60
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 HF

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	16.0	16.0	16.0	15.8	13.2
28.0	15.6	16.0	16.0	15.7	13.1
30.0	13.4	14.9	16.0	15.5	13.0
32.0	11.5	12.9	14.1	15.4	13.0
34.0	9.8	11.1	12.2	13.6	13.0
36.0	8.3	9.5	10.5	11.8	12.6
38.0	7.0	8.0	9.0	10.1	10.8
40.0	5.8	6.8	7.6	8.6	9.1
42.0	4.7	5.6	6.4	7.3	7.7
44.0	3.7	4.5	5.2	6.0	6.3
46.0	2.8	3.6	4.2	4.9	
48.0		2.7	3.2	3.8	
50.0				2.8	
Critical boom angle(°)	50	50	52	52	60
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 HF

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	11.0	11.0	10.9	9.2	7.6
34.0	9.6	10.9	10.8	9.1	7.6
36.0	8.1	9.3	10.4	9.1	7.6
38.0	6.7	7.9	8.8	9.1	7.6
40.0	5.5	6.6	7.5	8.6	7.6
42.0	4.5	5.4	6.2	7.2	7.6
44.0	3.5	4.3	5.1	6.0	6.4
46.0		3.4	4.1	4.8	5.1
48.0			3.1	3.8	
50.0				2.8	
Critical boom angle(°)	56	56	56	56	60
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 HF

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	9.0	9.0	8.1	6.7	5.5
36.0	7.9	9.0	8.0	6.7	5.5
38.0	6.6	7.7	8.0	6.7	5.5
40.0	5.4	6.4	7.4	6.7	5.5
42.0	4.3	5.3	6.1	6.7	5.5
44.0	3.3	4.2	5.0	5.9	5.5
46.0		3.2	4.0	4.8	5.2
48.0			3.0	3.8	4.0
50.0				2.8	
Critical boom angle(°)	57	58	58	58	60
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 HG

14.4m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
8.0	54.0				
9.0	54.0				
10.0	54.0				
11.0	54.0				
12.0	54.0	52.8			
14.0	49.0	47.6			
16.0	41.2	43.1	38.0		
18.0	35.2	36.8	35.4		
20.0	30.3	31.5	32.6	28.2	
22.0	26.0	27.0	28.0	26.9	19.6
24.0	22.5	23.4	24.2	25.3	19.1
26.0	19.7	20.4	21.1	22.0	18.7
28.0	17.3	18.0	18.5	19.3	18.5
30.0	15.4	15.9	16.4	16.9	
32.0	13.7	14.1	14.5	14.8	
34.0	12.3	12.6	12.8		
36.0	11.0	11.2	11.3		
38.0	9.9				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6

## Specification HG

19.55m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
9.0	50.0				
10.0	50.0				
11.0	50.0				
12.0	50.0				
14.0	46.9	49.7			
16.0	39.1	41.5	39.1		
18.0	33.0	35.1	36.6		
20.0	28.2	30.0	31.4	29.4	
22.0	24.1	25.5	26.7	28.2	
24.0	20.7	21.8	22.9	24.4	20.9
26.0	17.9	18.9	19.8	21.1	20.5
28.0	15.5	16.4	17.2	18.3	19.0
30.0	13.6	14.3	15.0	15.9	16.4
32.0	11.9	12.6	13.1	13.8	14.1
34.0	10.5	11.0	11.5	12.0	
36.0	9.2	9.7	10.0	10.4	
38.0	8.1	8.5	8.8		
40.0	7.0	7.3	7.5		
42.0	6.0	6.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	6	6	6	6	6



## Specification HG

23.6m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
10.0	45.0				
11.0	45.0				
12.0	45.0				
14.0	45.0	45.0			
16.0	38.0	40.8	42.2		
18.0	31.9	34.3	36.6		
20.0	27.1	29.2	30.9	31.2	
22.0	23.1	24.7	26.2	28.2	
24.0	19.7	21.1	22.3	24.0	22.2
26.0	16.9	18.1	19.2	20.6	21.7
28.0	14.6	15.6	16.6	17.8	18.7
30.0	12.6	13.5	14.3	15.4	16.1
32.0	11.0	11.7	12.4	13.3	13.8
34.0	9.4	10.2	10.8	11.5	11.8
36.0	8.0	8.8	9.3	9.9	
38.0	6.7	7.4	8.0	8.4	
40.0	5.6	6.2	6.6		
42.0	4.6	5.0	5.3		
44.0	3.7	4.0	4.1		
46.0		3.0			
Critical boom angle(°)	22	22	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HG

32m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	30.0				
12.0	30.0				
14.0	30.0	30.0			
16.0	30.0	29.4			
18.0	30.0	28.5	25.5		
20.0	26.4	27.6	24.8		
22.0	22.4	24.3	24.3	20.6	
24.0	19.1	20.6	22.0	20.2	16.9
26.0	16.3	17.6	18.9	19.9	16.7
28.0	14.0	15.2	16.2	17.6	16.6
30.0	12.0	13.1	14.0	15.3	16.1
32.0	10.2	11.3	12.2	13.2	13.9
34.0	8.7	9.7	10.5	11.4	12.0
36.0	7.3	8.2	9.1	9.9	10.3
38.0	6.0	6.9	7.7	8.5	8.7
40.0	4.9	5.7	6.4	7.1	
42.0	3.9	4.6	5.2	5.7	
44.0	3.0	3.6	4.1	4.5	
46.0			3.1		
Critical boom angle(°)	41	43	43	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HG

40m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	20.0				
14.0	20.0				
16.0	20.0	20.0			
18.0	20.0	20.0			
20.0	20.0	20.0	20.0		
22.0	20.0	20.0	20.0		
24.0	19.0	20.0	20.0	18.4	
26.0	16.2	17.6	18.9	18.2	15.2
28.0	13.9	15.1	16.3	17.8	15.1
30.0	11.8	13.0	14.1	15.4	15.0
32.0	10.0	11.3	12.2	13.3	14.1
34.0	8.5	9.6	10.5	11.6	12.2
36.0	7.1	8.1	9.1	10.0	10.5
38.0	5.8	6.8	7.7	8.6	9.0
40.0	4.7	5.6	6.4	7.3	7.7
42.0	3.7	4.5	5.2	6.0	6.2
44.0	2.7	3.5	4.1	4.8	
46.0			3.1	3.7	
Critical boom angle(°)	49	51	51	53	60
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 HG

45m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	16.0				
14.0	16.0				
16.0	16.0	16.0			
18.0	16.0	16.0			
20.0	16.0	16.0	16.0		
22.0	16.0	16.0	16.0		
24.0	16.0	16.0	16.0	16.0	
26.0	15.9	16.0	16.0	15.8	13.2
28.0	13.6	14.9	16.0	15.7	13.1
30.0	11.5	12.9	13.9	15.3	13.0
32.0	9.7	11.1	12.0	13.3	13.0
34.0	8.2	9.4	10.4	11.5	12.2
36.0	6.8	7.9	9.0	9.9	10.5
38.0	5.5	6.6	7.5	8.6	9.1
40.0	4.4	5.4	6.2	7.2	7.7
42.0	3.4	4.3	5.0	5.9	6.3
44.0		3.3	4.0	4.7	5.0
46.0			3.0	3.7	
Critical boom angle(°)	55	55	55	57	60
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 HG

50m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	11.0				
16.0	11.0				
18.0	11.0	11.0			
20.0	11.0	11.0	11.0		
22.0	11.0	11.0	11.0		
24.0	11.0	11.0	11.0	9.5	
26.0	11.0	11.0	11.0	9.4	
28.0	11.0	11.0	11.0	9.3	7.6
30.0	11.0	11.0	11.0	9.2	7.6
32.0	9.5	10.9	10.9	9.2	7.6
34.0	7.9	9.2	10.3	9.1	7.6
36.0	6.5	7.7	8.8	9.1	7.6
38.0	5.3	6.4	7.4	8.5	7.6
40.0	4.1	5.2	6.1	7.2	7.6
42.0	3.1	4.1	4.9	5.9	6.4
44.0		3.1	3.8	4.7	5.1
46.0			2.9	3.6	3.9
Critical boom angle(°)	58	58	58	60	60
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 HG

53.9m Boom + 4.4m + 22m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	9.0				
16.0	9.0				
18.0	9.0	9.0			
20.0	9.0	9.0			
22.0	9.0	9.0	8.8		
24.0	9.0	9.0	8.6		
26.0	9.0	9.0	8.5	6.9	
28.0	9.0	9.0	8.3	6.9	5.5
30.0	9.0	9.0	8.2	6.8	5.5
32.0	9.0	9.0	8.1	6.8	5.5
34.0	7.7	9.0	8.1	6.7	5.5
36.0	6.3	7.6	8.0	6.7	5.5
38.0	5.1	6.2	7.3	6.7	5.5
40.0	4.0	5.0	6.0	6.7	5.5
42.0	2.9	3.9	4.8	5.8	5.5
44.0		2.9	3.7	4.7	5.1
46.0			2.8	3.6	4.0
48.0					2.9
Critical boom angle(°)	60	61	61	62	62
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 HA

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	34.5	31.6			
22.0	33.1	29.2	26.1		
24.0	30.4	27.1	24.5		
26.0	28.2	25.4	23.1	19.7	
28.0	26.2	23.8	21.8	18.8	
30.0	24.5	22.4	20.7	18.0	13.1
32.0	23.0	21.2	19.7	17.3	12.8
34.0	21.6	20.2	18.9	16.7	12.5
36.0	20.5	19.2	18.1	16.2	12.3
38.0	19.4	18.3	17.4	15.8	12.2
40.0	18.5	17.6	16.8	15.5	
42.0	17.6	16.9	16.4	15.4	
44.0	16.9	16.4	16.0		
46.0	16.2	16.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HA

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	34.0	33.0			
22.0	34.0	30.6	26.8		
24.0	32.9	28.6	25.2		
26.0	30.5	26.8	23.9		
28.0	28.5	25.2	22.7	19.8	
30.0	26.6	23.9	21.6	19.0	
32.0	25.0	22.6	20.6	18.4	14.0
34.0	23.5	21.5	19.8	17.8	13.7
36.0	21.6	20.5	19.0	17.3	13.5
38.0	19.8	19.6	18.3	16.8	13.3
40.0	18.1	18.8	17.7	16.4	13.3
42.0	16.7	17.4	17.1	16.1	
44.0	15.3	15.9	16.5	15.9	
46.0	14.1	14.6	15.0	15.4	
48.0	13.0	13.3	13.7		
50.0	11.9	12.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HA

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	30.0	30.0			
22.0	30.0	30.0	27.2		
24.0	30.0	29.6	25.8		
26.0	30.0	27.8	24.4		
28.0	29.6	26.3	23.3	20.0	
30.0	26.9	24.9	22.2	19.3	
32.0	24.4	23.6	21.3	18.6	14.8
34.0	22.3	22.5	20.4	18.1	14.5
36.0	20.3	21.5	19.6	17.6	14.2
38.0	18.4	19.5	18.9	17.1	14.0
40.0	16.8	17.8	18.3	16.7	13.9
42.0	15.3	16.2	17.0	16.4	13.9
44.0	13.9	14.7	15.5	16.1	
46.0	12.7	13.4	14.0	14.7	
48.0	11.6	12.2	12.7	13.2	
50.0	10.5	11.0	11.4		
55.0	8.3	8.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HA

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	20.0	20.0	19.1		
28.0	20.0	20.0	18.6		
30.0	20.0	20.0	18.2	15.3	
32.0	20.0	19.6	17.8	15.0	
34.0	20.0	19.2	17.4	14.8	12.2
36.0	19.8	18.7	17.1	14.6	12.1
38.0	17.9	18.4	16.8	14.4	12.0
40.0	16.2	17.4	16.6	14.3	12.0
42.0	14.7	15.8	16.4	14.2	12.0
44.0	13.4	14.4	15.3	14.1	12.0
46.0	12.1	13.0	13.8	14.1	12.0
48.0	11.0	11.8	12.5	13.4	
50.0	9.9	10.7	11.3	12.0	
55.0	7.6	8.1	8.6		
60.0	5.7	6.0	6.2		
Critical boom angle(°)	15	20	30	45	60
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 HA

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	14.0	14.0	14.0	13.4	
32.0	14.0	14.0	14.0	13.2	
34.0	14.0	14.0	14.0	13.0	10.5
36.0	14.0	14.0	14.0	12.8	10.5
38.0	14.0	14.0	14.0	12.7	10.4
40.0	14.0	14.0	14.0	12.5	10.4
42.0	14.0	14.0	14.0	12.4	10.3
44.0	12.7	13.8	14.0	12.4	10.3
46.0	11.5	12.5	13.5	12.3	10.3
48.0	10.3	11.3	12.2	12.3	10.3
50.0	9.3	10.2	11.0	11.9	10.3
55.0	7.0	7.7	8.3	8.9	
60.0	5.1	5.6	6.0	6.4	
65.0	3.5	3.8	4.1		
Critical boom angle(°)	25	27	30	45	60
Standard hook	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 HA

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	12.0	12.0	12.0	11.3	
34.0	12.0	12.0	12.0	11.2	9.0
36.0	12.0	12.0	12.0	11.0	8.9
38.0	12.0	12.0	12.0	10.9	8.9
40.0	12.0	12.0	12.0	10.8	8.8
42.0	12.0	12.0	12.0	10.7	8.8
44.0	11.6	12.0	12.0	10.6	8.8
46.0	10.6	11.4	12.0	10.6	8.8
48.0	9.8	10.5	11.2	10.6	8.8
50.0	8.9	9.6	10.3	10.6	8.8
55.0	6.7	7.4	8.1	8.8	
60.0	4.7	5.4	5.9	6.4	
65.0	3.1	3.6	4.0		
Critical boom angle(°)	35	37	39	45	60
Standard hook	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 HA

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	9.0	8.6	7.5	6.1	4.7
38.0	9.0	8.4	7.4	6.0	4.7
40.0	9.0	8.3	7.3	6.0	4.7
42.0	9.0	8.1	7.2	5.9	4.7
44.0	8.9	8.0	7.2	5.9	4.7
46.0	8.8	7.9	7.1	5.9	4.7
48.0	8.1	7.9	7.1	5.9	4.7
50.0	7.4	7.8	7.0	5.9	4.7
55.0	5.9	6.4	6.9	5.9	4.7
60.0	4.4	5.1	5.4	5.9	
65.0	2.8	3.4	3.8	4.2	
Critical boom angle(°)	38	40	42	45	60
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 HA

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	7.0	6.1	5.3	4.1	3.1
40.0	6.9	6.0	5.2	4.1	3.1
42.0	6.7	5.9	5.1	4.1	3.1
44.0	6.6	5.8	5.1	4.1	3.1
46.0	6.5	5.8	5.1	4.1	3.1
48.0	6.4	5.7	5.0	4.1	3.1
50.0	6.1	5.7	5.0	4.1	3.1
55.0	4.7	5.2	5.0	4.1	3.1
60.0	3.4	3.9	4.3	4.1	
65.0		2.8	3.1	3.5	
Critical boom angle(°)	46	46	47	48	60
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 HB

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	34.5	31.6			
22.0	33.1	29.2	26.1		
24.0	30.4	27.1	24.5		
26.0	28.2	25.4	23.1	19.7	
28.0	26.2	23.8	21.8	18.8	
30.0	24.5	22.4	20.7	18.0	13.1
32.0	23.0	21.2	19.7	17.3	12.8
34.0	21.6	20.2	18.9	16.7	12.5
36.0	20.5	19.2	18.1	16.2	12.3
38.0	19.4	18.3	17.4	15.8	12.2
40.0	18.5	17.6	16.8	15.5	
42.0	17.3	16.9	16.4	15.4	
44.0	16.0	16.3	16.0		
46.0	14.8	15.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HB

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	34.0	33.0			
22.0	34.0	30.6	26.8		
24.0	32.9	28.6	25.2		
26.0	30.5	26.8	23.9		
28.0	28.5	25.2	22.7	19.8	
30.0	26.6	23.9	21.6	19.0	
32.0	24.1	22.6	20.6	18.4	14.0
34.0	21.9	21.5	19.8	17.8	13.7
36.0	19.9	20.5	19.0	17.3	13.5
38.0	18.2	19.1	18.3	16.8	13.3
40.0	16.6	17.4	17.7	16.4	13.3
42.0	15.2	15.9	16.6	16.1	
44.0	13.9	14.5	15.1	15.7	
46.0	12.8	13.3	13.7	14.0	
48.0	11.7	12.1	12.4		
50.0	10.7	11.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4



Specification HB

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	30.0	30.0			
22.0	30.0	30.0	27.2		
24.0	30.0	29.6	25.8		
26.0	30.0	27.8	24.4		
28.0	28.1	26.3	23.3	20.0	
30.0	25.2	24.9	22.2	19.3	
32.0	22.7	23.6	21.3	18.6	14.8
34.0	20.5	21.9	20.4	18.1	14.5
36.0	18.6	19.8	19.6	17.6	14.2
38.0	16.8	17.9	18.9	17.1	14.0
40.0	15.3	16.3	17.2	16.7	13.9
42.0	13.8	14.7	15.6	16.4	13.9
44.0	12.6	13.4	14.1	14.9	
46.0	11.4	12.1	12.7	13.4	
48.0	10.3	10.9	11.4	11.9	
50.0	9.3	9.8	10.2		
55.0	7.2	7.3			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

Specification HB

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	20.0	20.0	19.1		
28.0	20.0	20.0	18.6		
30.0	20.0	20.0	18.2	15.3	
32.0	20.0	19.6	17.8	15.0	
34.0	20.0	19.2	17.4	14.8	12.2
36.0	18.1	18.7	17.1	14.6	12.1
38.0	16.3	17.6	16.8	14.4	12.0
40.0	14.7	15.9	16.6	14.3	12.0
42.0	13.3	14.4	15.4	14.2	12.0
44.0	12.0	13.0	13.9	14.1	12.0
46.0	10.8	11.7	12.5	13.5	12.0
48.0	9.7	10.5	11.2	12.1	
50.0	8.7	9.4	10.1	10.8	
55.0	6.5	7.0	7.5		
60.0	4.7	5.0	5.1		
Critical boom angle(°)	15	20	30	45	60
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 HB

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	14.0	14.0	14.0	13.4	
32.0	14.0	14.0	14.0	13.2	
34.0	14.0	14.0	14.0	13.0	10.5
36.0	14.0	14.0	14.0	12.8	10.5
38.0	14.0	14.0	14.0	12.7	10.4
40.0	14.0	14.0	14.0	12.5	10.4
42.0	12.7	13.9	14.0	12.4	10.3
44.0	11.4	12.5	13.5	12.4	10.3
46.0	10.2	11.2	12.2	12.3	10.3
48.0	9.1	10.0	10.9	12.0	10.3
50.0	8.1	9.0	9.8	10.7	10.3
55.0	5.9	6.6	7.2	7.8	
60.0	4.1	4.6	5.0	5.3	
65.0		2.9	3.1		
Critical boom angle(°)	33	33	35	45	60
Standard hook	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 HB

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	12.0	12.0	12.0	11.3	
34.0	12.0	12.0	12.0	11.2	9.0
36.0	12.0	12.0	12.0	11.0	8.9
38.0	12.0	12.0	12.0	10.9	8.9
40.0	12.0	12.0	12.0	10.8	8.8
42.0	12.0	12.0	12.0	10.7	8.8
44.0	11.0	12.0	12.0	10.6	8.8
46.0	9.8	10.9	11.9	10.6	8.8
48.0	8.7	9.8	10.7	10.6	8.8
50.0	7.7	8.7	9.6	10.6	8.8
55.0	5.5	6.3	7.0	7.8	
60.0	3.7	4.4	4.9	5.4	
65.0		2.7	3.0		
Critical boom angle(°)	39	40	42	45	60
Standard hook	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 HB

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	9.0	8.6	7.5	6.1	4.7
38.0	9.0	8.4	7.4	6.0	4.7
40.0	9.0	8.3	7.3	6.0	4.7
42.0	9.0	8.1	7.2	5.9	4.7
44.0	8.9	8.0	7.2	5.9	4.7
46.0	8.8	7.9	7.1	5.9	4.7
48.0	8.1	7.9	7.1	5.9	4.7
50.0	7.4	7.8	7.0	5.9	4.7
55.0	5.2	6.1	6.8	5.9	4.7
60.0	3.4	4.1	4.7	5.3	
65.0			2.9	3.3	
Critical boom angle(°)	44	46	46	47	60
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 HB

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	7.0	6.1	5.3	4.1	3.1
40.0	6.9	6.0	5.2	4.1	3.1
42.0	6.7	5.9	5.1	4.1	3.1
44.0	6.6	5.8	5.1	4.1	3.1
46.0	6.5	5.8	5.1	4.1	3.1
48.0	6.4	5.7	5.0	4.1	3.1
50.0	6.1	5.7	5.0	4.1	3.1
55.0	4.7	5.2	5.0	4.1	3.1
60.0	3.2	3.9	4.3	4.1	
65.0			2.8	3.3	
Critical boom angle(°)	48	49	49	50	60
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 HC

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	34.5	31.6			
22.0	33.1	29.2	26.1		
24.0	30.4	27.1	24.5		
26.0	28.2	25.4	23.1	19.7	
28.0	26.2	23.8	21.8	18.8	
30.0	24.5	22.4	20.7	18.0	13.1
32.0	23.0	21.2	19.7	17.3	12.8
34.0	21.6	20.2	18.9	16.7	12.5
36.0	20.2	19.2	18.1	16.2	12.3
38.0	18.6	18.3	17.4	15.8	12.2
40.0	17.1	17.6	16.8	15.5	
42.0	15.8	16.2	16.4	15.4	
44.0	14.6	14.9	15.2		
46.0	13.5	13.7			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HC

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	34.0	33.0			
22.0	34.0	30.6	26.8		
24.0	32.9	28.6	25.2		
26.0	30.3	26.8	23.9		
28.0	27.2	25.2	22.7	19.8	
30.0	24.5	23.9	21.6	19.0	
32.0	22.2	22.6	20.6	18.4	14.0
34.0	20.1	21.2	19.8	17.8	13.7
36.0	18.2	19.2	19.0	17.3	13.5
38.0	16.6	17.5	18.3	16.8	13.3
40.0	15.1	15.9	16.7	16.4	13.3
42.0	13.8	14.5	15.1	15.9	
44.0	12.5	13.1	13.7	14.3	
46.0	11.4	11.9	12.4	12.7	
48.0	10.4	10.8	11.1		
50.0	9.5	9.7			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

Specification HC

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	30.0	30.0			
22.0	30.0	30.0	27.2		
24.0	30.0	29.6	25.8		
26.0	29.1	27.8	24.4		
28.0	25.9	26.3	23.3	20.0	
30.0	23.2	24.8	22.2	19.3	
32.0	20.8	22.3	21.3	18.6	14.8
34.0	18.7	20.1	20.4	18.1	14.5
36.0	16.9	18.1	19.3	17.6	14.2
38.0	15.2	16.3	17.4	17.1	14.0
40.0	13.7	14.7	15.7	16.7	13.9
42.0	12.4	13.3	14.1	15.2	13.9
44.0	11.2	12.0	12.7	13.6	
46.0	10.1	10.8	11.4	12.1	
48.0	9.0	9.6	10.2	10.6	
50.0	8.1	8.6	9.0		
55.0	6.1	6.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

Specification HC

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	20.0	20.0	19.1		
28.0	20.0	20.0	18.6		
30.0	20.0	20.0	18.2	15.3	
32.0	20.0	19.6	17.8	15.0	
34.0	18.2	19.2	17.4	14.8	12.2
36.0	16.4	17.8	17.1	14.6	12.1
38.0	14.7	16.0	16.8	14.4	12.0
40.0	13.2	14.4	15.5	14.3	12.0
42.0	11.8	12.9	13.9	14.2	12.0
44.0	10.6	11.6	12.5	13.6	12.0
46.0	9.5	10.4	11.2	12.2	12.0
48.0	8.4	9.3	10.0	10.8	
50.0	7.5	8.2	8.9	9.5	
55.0	5.4	5.9	6.4		
60.0	3.7	4.0	4.1		
Critical boom angle(°)	15	20	30	45	60
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 HC

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	14.0	14.0	14.0	13.4	
32.0	14.0	14.0	14.0	13.2	
34.0	14.0	14.0	14.0	13.0	10.5
36.0	14.0	14.0	14.0	12.8	10.5
38.0	14.0	14.0	14.0	12.7	10.4
40.0	12.6	13.9	14.0	12.5	10.4
42.0	11.2	12.4	13.5	12.4	10.3
44.0	10.0	11.1	12.1	12.4	10.3
46.0	8.8	9.9	10.8	12.0	10.3
48.0	7.8	8.8	9.6	10.7	10.3
50.0	6.9	7.7	8.5	9.5	9.9
55.0	4.8	5.5	6.1	6.7	
60.0	3.1	3.6	4.0	4.3	
Critical boom angle(°)	36	39	41	45	60
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 HC

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	12.0	12.0	12.0	11.3	
34.0	12.0	12.0	12.0	11.2	9.0
36.0	12.0	12.0	12.0	11.0	8.9
38.0	12.0	12.0	12.0	10.9	8.9
40.0	12.0	12.0	12.0	10.8	8.8
42.0	10.9	12.0	12.0	10.7	8.8
44.0	9.6	10.8	11.9	10.6	8.8
46.0	8.5	9.6	10.6	10.6	8.8
48.0	7.5	8.5	9.4	10.6	8.8
50.0	6.5	7.5	8.3	9.4	8.8
55.0	4.4	5.2	5.9	6.7	
60.0	2.7	3.3	3.9	4.4	
Critical boom angle(°)	41	43	45	45	60
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 HC**

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	9.0	8.6	7.5	6.1	4.7
38.0	9.0	8.4	7.4	6.0	4.7
40.0	9.0	8.3	7.3	6.0	4.7
42.0	9.0	8.1	7.2	5.9	4.7
44.0	8.9	8.0	7.2	5.9	4.7
46.0	8.2	7.9	7.1	5.9	4.7
48.0	7.1	7.9	7.1	5.9	4.7
50.0	6.2	7.2	7.0	5.9	4.7
55.0	4.1	5.0	5.7	5.9	4.7
60.0		3.1	3.7	4.3	
Critical boom angle(°)	49	49	50	51	60
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 HC**

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	7.0	6.1	5.3	4.1	3.1
40.0	6.9	6.0	5.2	4.1	3.1
42.0	6.7	5.9	5.1	4.1	3.1
44.0	6.6	5.8	5.1	4.1	3.1
46.0	6.5	5.8	5.1	4.1	3.1
48.0	6.4	5.7	5.0	4.1	3.1
50.0	6.0	5.7	5.0	4.1	3.1
55.0	3.9	4.8	5.0	4.1	3.1
60.0		2.9	3.6	4.1	
Critical boom angle(°)	51	51	52	53	60
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 HD

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	34.5	31.6			
22.0	33.1	29.2	26.1		
24.0	30.4	27.1	24.5		
26.0	28.2	25.4	23.1	19.7	
28.0	26.2	23.8	21.8	18.8	
30.0	24.4	22.4	20.7	18.0	13.1
32.0	22.2	21.2	19.7	17.3	12.8
34.0	20.3	20.2	18.9	16.7	12.5
36.0	18.5	19.2	18.1	16.2	12.3
38.0	17.0	17.6	17.4	15.8	12.2
40.0	15.6	16.1	16.6	15.5	
42.0	14.4	14.8	15.2	15.4	
44.0	13.2	13.5	13.8		
46.0	12.2	12.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HD

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	34.0	33.0			
22.0	34.0	30.6	26.8		
24.0	31.4	28.6	25.2		
26.0	28.0	26.8	23.9		
28.0	25.0	25.2	22.7	19.8	
30.0	22.5	23.8	21.6	19.0	
32.0	20.2	21.5	20.6	18.4	14.0
34.0	18.3	19.4	19.8	17.8	13.7
36.0	16.5	17.5	18.5	17.3	13.5
38.0	15.0	15.9	16.7	16.8	13.3
40.0	13.6	14.4	15.1	16.1	13.3
42.0	12.3	13.0	13.7	14.4	
44.0	11.2	11.8	12.3	12.9	
46.0	10.1	10.6	11.0	11.4	
48.0	9.1	9.5	9.8		
50.0	8.3	8.5			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4



Specification HD

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	30.0	30.0			
22.0	30.0	30.0	27.2		
24.0	30.0	29.6	25.8		
26.0	26.7	27.8	24.4		
28.0	23.7	25.5	23.3	20.0	
30.0	21.2	22.8	22.2	19.3	
32.0	18.9	20.4	21.3	18.6	14.8
34.0	16.9	18.3	19.6	18.1	14.5
36.0	15.2	16.4	17.6	17.6	14.2
38.0	13.6	14.7	15.8	17.1	14.0
40.0	12.2	13.2	14.1	15.4	13.9
42.0	10.9	11.8	12.7	13.7	13.9
44.0	9.8	10.6	11.3	12.2	
46.0	7.8	9.4	10.1	10.7	
48.0	7.8	8.4	8.9	9.4	
50.0	6.9	7.4	7.8		
55.0	4.9	5.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

Specification HD

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	20.0	20.0	19.1		
28.0	20.0	20.0	18.6		
30.0	20.0	20.0	18.2	15.3	
32.0	18.4	19.6	17.8	15.0	
34.0	16.4	18.0	17.4	14.8	12.2
36.0	14.7	16.1	17.1	14.6	12.1
38.0	13.1	14.4	15.6	14.4	12.0
40.0	11.7	12.8	13.9	14.3	12.0
42.0	10.4	11.5	12.5	13.7	12.0
44.0	9.2	10.2	11.1	12.2	12.0
46.0	8.2	9.0	9.9	10.8	11.3
48.0	7.2	8.0	8.7	9.5	
50.0	6.3	7.0	7.6	8.3	
55.0	4.3	4.8	5.3		
60.0		3.0	3.1		
Critical boom angle(°)	29	29	30	45	60
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 HD

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	14.0	14.0	14.0	13.4	
32.0	14.0	14.0	14.0	13.2	
34.0	14.0	14.0	14.0	13.0	10.5
36.0	14.0	14.0	14.0	12.8	10.5
38.0	12.5	13.9	14.0	12.7	10.4
40.0	11.0	12.3	13.6	12.5	10.4
42.0	9.7	11.0	12.1	12.4	10.3
44.0	8.6	9.7	10.7	12.1	10.3
46.0	7.5	8.6	9.5	10.7	10.3
48.0	6.5	7.5	8.4	9.4	10.0
50.0	5.6	6.5	7.3	8.2	8.7
55.0	3.7	4.4	5.0	5.6	
60.0			3.0	3.3	
Critical boom angle(°)	41	43	43	45	60
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 HD

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	12.0	12.0	12.0	11.3	
34.0	12.0	12.0	12.0	11.2	9.0
36.0	12.0	12.0	12.0	11.0	8.9
38.0	12.0	12.0	12.0	10.9	8.9
40.0	10.7	12.0	12.0	10.8	8.8
42.0	9.4	10.7	11.9	10.7	8.8
44.0	8.2	9.4	10.5	10.6	8.8
46.0	7.2	8.3	9.3	10.6	8.8
48.0	6.2	7.2	8.2	9.3	8.8
50.0	5.3	6.3	7.1	8.1	8.7
55.0	3.3	4.1	4.8	5.6	
60.0			2.9	3.3	
Critical boom angle(°)	46	48	48	50	60
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 HD

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	9.0	8.6	7.5	6.1	4.7
38.0	9.0	8.4	7.4	6.0	4.7
40.0	9.0	8.3	7.3	6.0	4.7
42.0	9.0	8.1	7.2	5.9	4.7
44.0	7.9	8.0	7.2	5.9	4.7
46.0	6.8	7.9	7.1	5.9	4.7
48.0	5.9	7.0	7.1	5.9	4.7
50.0	5.0	6.0	6.9	5.9	4.7
55.0	3.0	3.9	4.6	5.5	4.7
60.0			2.7	3.3	
Critical boom angle(°)	50	52	52	53	60
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 HD

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	7.0	6.1	5.3	4.1	3.1
40.0	6.9	6.0	5.2	4.1	3.1
42.0	6.7	5.9	5.1	4.1	3.1
44.0	6.6	5.8	5.1	4.1	3.1
46.0	6.5	5.8	5.1	4.1	3.1
48.0	5.6	5.7	5.0	4.1	3.1
50.0	4.7	5.7	5.0	4.1	3.1
55.0	2.8	3.7	4.5	4.1	3.1
60.0				3.3	
Critical boom angle(°)	52	54	56	56	60
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 HE

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	34.5	31.6			
22.0	33.1	29.2	26.1		
24.0	29.5	27.1	24.5		
26.0	26.3	25.4	23.1	19.7	
28.0	23.7	23.8	21.8	18.8	
30.0	21.4	22.4	20.7	18.0	13.1
32.0	19.3	20.3	19.7	17.3	12.8
34.0	17.6	18.4	18.9	16.7	12.5
36.0	16.0	16.7	17.4	16.2	12.3
38.0	14.6	15.2	15.8	15.8	12.2
40.0	13.3	13.8	14.3	14.9	
42.0	12.2	12.6	13.0	13.4	
44.0	11.1	11.5	11.7		
46.0	10.2	10.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HE

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	34.0	33.0			
22.0	31.3	30.6	26.8		
24.0	27.6	28.6	25.2		
26.0	24.4	26.1	23.9		
28.0	21.7	23.3	22.7	19.8	
30.0	19.4	20.8	21.6	19.0	
32.0	17.4	18.6	19.8	18.4	14.0
34.0	15.6	16.7	17.8	17.8	13.7
36.0	14.0	15.0	16.0	17.1	13.5
38.0	12.6	13.5	14.3	15.4	13.3
40.0	11.3	12.1	12.8	13.8	13.3
42.0	10.1	10.8	11.5	12.3	
44.0	9.1	9.7	10.2	10.8	
46.0	8.1	8.6	9.1	9.4	
48.0	7.2	7.6	7.9		
50.0	6.4	6.7			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

Specification HE

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	30.0	30.0			
22.0	30.0	30.0	27.2		
24.0	26.3	28.5	25.8		
26.0	23.1	25.1	24.4		
28.0	20.4	22.2	23.3	20.0	
30.0	18.1	19.7	21.3	19.3	
32.0	16.0	17.5	18.9	18.6	14.8
34.0	14.2	15.6	16.9	18.1	14.5
36.0	12.6	13.8	15.0	16.6	14.2
38.0	11.2	12.3	13.4	14.8	14.0
40.0	9.9	10.9	11.9	13.1	13.9
42.0	8.8	9.6	10.5	11.5	12.1
44.0	7.7	8.5	9.2	10.1	
46.0	6.7	7.4	8.1	8.7	
48.0	5.9	6.5	7.0	7.4	
50.0	5.1	5.5	5.9		
55.0	3.3	3.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

Specification HE

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	20.0	20.0	19.1		
28.0	20.0	20.0	18.6		
30.0	17.6	19.4	18.2	15.3	
32.0	15.5	17.2	17.8	15.0	
34.0	13.7	15.2	16.7	14.8	12.2
36.0	12.1	13.5	14.8	14.6	12.1
38.0	10.7	12.0	13.2	14.4	12.0
40.0	9.4	10.5	11.6	13.1	12.0
42.0	8.2	9.3	10.3	11.6	12.0
44.0	7.1	8.1	9.0	10.1	10.8
46.0	6.2	7.1	7.9	8.8	9.3
48.0	5.3	6.1	6.8	7.6	
50.0	4.4	5.2	5.8	6.5	
55.0		3.2	3.6		
Critical boom angle(°)	38	38	38	45	60
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 HE

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	14.0	14.0	14.0	13.4	
32.0	14.0	14.0	14.0	13.2	
34.0	13.1	14.0	14.0	13.0	10.5
36.0	11.5	13.0	14.0	12.8	10.5
38.0	10.0	11.5	12.8	12.7	10.4
40.0	8.7	10.0	11.3	12.5	10.4
42.0	7.6	8.8	9.9	11.4	10.3
44.0	6.5	7.6	8.7	10.0	10.3
46.0	5.5	6.6	7.5	8.7	9.4
48.0	4.6	5.6	6.5	7.5	8.1
50.0	3.8	4.7	5.5	6.4	6.8
55.0		2.7	3.3	4.0	
Critical boom angle(°)	47	47	49	51	60
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 HE

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	12.0	12.0	12.0	11.3	
34.0	12.0	12.0	12.0	11.2	9.0
36.0	11.1	12.0	12.0	11.0	8.9
38.0	9.7	11.2	12.0	10.9	8.9
40.0	8.4	9.8	11.1	10.8	8.8
42.0	7.2	8.5	9.7	10.7	8.8
44.0	6.1	7.3	8.4	9.8	8.8
46.0	5.2	6.3	7.3	8.6	8.8
48.0	4.3	5.3	6.3	7.4	8.1
50.0	3.5	4.4	5.3	6.3	6.9
55.0			3.1	3.9	
Critical boom angle(°)	51	53	53	55	60
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 HE**

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	9.0	8.6	7.5	6.1	4.7
38.0	9.0	8.4	7.4	6.0	4.7
40.0	8.1	8.3	7.3	6.0	4.7
42.0	6.9	8.1	7.2	5.9	4.7
44.0	5.8	7.1	7.2	5.9	4.7
46.0	4.9	6.0	7.1	5.9	4.7
48.0	4.0	5.1	6.1	5.9	4.7
50.0	3.1	4.2	5.1	5.9	4.7
55.0			3.0	3.8	4.2
Critical boom angle(°)	54	56	56	58	60
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 HE**

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	7.0	6.1	5.3	4.1	3.1
40.0	6.9	6.0	5.2	4.1	3.1
42.0	6.7	5.9	5.1	4.1	3.1
44.0	5.6	5.8	5.1	4.1	3.1
46.0	4.6	5.8	5.1	4.1	3.1
48.0	3.7	4.9	5.0	4.1	3.1
50.0	2.9	4.0	4.9	4.1	3.1
55.0			2.8	3.8	3.1
Critical boom angle(°)	57	58	58	59	60
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 HF

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	34.5	31.6			
22.0	30.6	29.2	26.1		
24.0	27.0	27.1	24.5		
26.0	23.9	24.9	23.1	19.7	
28.0	21.3	22.2	21.8	18.8	
30.0	19.1	19.9	20.7	18.0	13.1
32.0	17.2	17.9	18.6	17.3	12.8
34.0	15.6	16.2	16.8	16.7	12.5
36.0	14.1	14.7	15.2	15.9	12.3
38.0	12.8	13.3	13.8	14.4	12.2
40.0	11.7	12.1	12.5	12.9	
42.0	10.7	11.0	11.3	11.6	
44.0	9.8	10.1	10.3		
46.0	9.0	9.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HF

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	33.0	33.0			
22.0	28.8	30.6	26.8		
24.0	25.2	27.0	25.2		
26.0	22.3	23.8	23.9		
28.0	19.7	21.0	22.2	19.8	
30.0	17.5	18.7	19.7	19.0	
32.0	15.6	16.6	17.6	18.4	14.0
34.0	13.9	14.9	15.7	16.9	13.7
36.0	12.4	13.4	14.1	15.1	13.5
38.0	11.1	12.0	12.7	13.5	13.3
40.0	9.9	10.7	11.4	12.1	12.5
42.0	8.8	9.5	10.1	10.8	
44.0	7.8	8.4	9.0	9.5	
46.0	6.9	7.4	7.8	8.2	
48.0	6.1	6.5	6.8		
50.0	5.3	5.6			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4



**Specification HF**

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	30.0	30.0			
22.0	27.5	30.0	27.2		
24.0	24.0	26.2	25.8		
26.0	21.0	23.0	24.4		
28.0	18.4	20.2	21.6	20.0	
30.0	16.2	17.8	19.1	19.3	
32.0	14.3	15.8	16.9	18.4	14.8
34.0	12.6	13.9	15.0	16.4	14.5
36.0	11.1	12.3	13.4	14.6	14.2
38.0	9.7	10.8	11.9	13.0	13.8
40.0	8.5	9.5	10.5	11.6	12.1
42.0	7.4	8.3	9.2	10.2	10.7
44.0	6.4	7.2	8.0	8.8	
46.0	5.5	6.2	6.9	7.5	
48.0	4.7	5.3	5.8	6.3	
50.0	3.9	4.4	4.8		
Critical boom angle(°)	25	28	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

**Specification HF**

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	20.0	20.0	19.1		
28.0	18.0	20.0	18.6		
30.0	15.7	17.6	18.2	15.3	
32.0	13.8	15.5	16.8	15.0	
34.0	12.1	13.6	14.9	14.8	12.2
36.0	10.6	12.0	13.2	14.6	12.1
38.0	9.2	10.5	11.7	13.0	12.0
40.0	8.0	9.2	10.3	11.6	12.0
42.0	6.9	7.9	9.0	10.2	10.9
44.0	5.9	6.8	7.8	8.9	9.5
46.0	4.9	5.8	6.7	7.6	8.1
48.0	4.1	4.9	5.6	6.5	
50.0	3.3	4.1	4.7	5.4	
Critical boom angle(°)	42	44	45	45	60
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 HF

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	14.0	14.0	14.0	13.4	
32.0	13.2	14.0	14.0	13.2	
34.0	11.4	13.1	14.0	13.0	10.5
36.0	9.9	11.5	12.9	12.8	10.5
38.0	8.6	10.0	11.3	12.7	10.4
40.0	7.3	8.7	9.9	11.4	10.4
42.0	6.2	7.5	8.6	10.0	10.3
44.0	5.2	6.4	7.4	8.7	9.6
46.0	4.3	5.4	6.3	7.5	8.2
48.0	3.5	4.4	5.3	6.3	6.9
50.0	2.7	3.6	4.4	5.3	5.7
55.0				2.9	
Critical boom angle(°)	48	51	53	53	60
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 HF

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	12.0	12.0	12.0	11.3	
34.0	11.1	12.0	12.0	11.2	9.0
36.0	9.6	11.2	12.0	11.0	8.9
38.0	8.2	9.7	11.1	10.9	8.9
40.0	7.0	8.4	9.7	10.8	8.8
42.0	5.9	7.2	8.4	9.9	8.8
44.0	4.9	6.1	7.2	8.6	8.8
46.0	4.0	5.1	6.1	7.4	8.2
48.0	3.1	4.2	5.1	6.2	6.9
50.0		3.3	4.2	5.2	5.8
55.0				2.9	
Critical boom angle(°)	55	55	57	57	60
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 HF

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	9.0	8.6	7.5	6.1	4.7
38.0	7.9	8.4	7.4	6.0	4.7
40.0	6.7	8.1	7.3	6.0	4.7
42.0	5.6	6.9	7.2	5.9	4.7
44.0	4.6	5.8	7.0	5.9	4.7
46.0	3.6	4.8	5.9	5.9	4.7
48.0	2.8	3.9	4.9	5.9	4.7
50.0		3.1	4.0	5.1	4.7
55.0				2.8	3.2
Critical boom angle(°)	58	58	60	60	60
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 HF

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	7.0	6.1	5.3	4.1	3.1
40.0	6.4	6.0	5.2	4.1	3.1
42.0	5.3	5.9	5.1	4.1	3.1
44.0	4.3	5.6	5.1	4.1	3.1
46.0	3.4	4.6	5.1	4.1	3.1
48.0		3.7	4.8	4.1	3.1
50.0		2.9	3.8	4.1	3.1
55.0				2.8	3.1
Critical boom angle(°)	61	61	61	61	62
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 HG

14.4m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
11.0	35.0				
12.0	35.0				
14.0	35.0				
16.0	34.5	34.1			
18.0	34.5	33.8			
20.0	31.8	31.6			
22.0	27.4	28.7	26.1		
24.0	23.9	25.0	24.5		
26.0	21.0	22.0	23.0	19.7	
28.0	18.6	19.5	20.4	18.8	
30.0	16.6	17.4	18.2	18.0	13.1
32.0	14.8	15.5	16.2	17.2	12.8
34.0	13.3	14.0	14.6	15.4	12.5
36.0	12.0	12.6	13.1	13.8	12.3
38.0	10.9	11.4	11.8	12.4	12.2
40.0	9.9	10.3	10.7	11.1	
42.0	9.0	9.3	9.6	9.9	
44.0	8.2	8.4	8.6		
46.0	7.4	7.6			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HG

19.55m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	34.0				
14.0	34.0				
16.0	34.0				
18.0	34.0	34.0			
20.0	30.2	32.2			
22.0	25.9	27.6	26.8		
24.0	22.3	23.9	25.2		
26.0	19.4	20.8	22.1		
28.0	17.0	18.3	19.4	19.8	
30.0	15.0	16.1	17.2	18.7	
32.0	13.3	14.3	15.2	16.5	14.0
34.0	11.8	12.7	13.5	14.7	13.7
36.0	10.5	11.3	12.0	13.0	13.5
38.0	9.4	10.1	10.7	11.6	12.2
40.0	8.4	9.0	9.5	10.3	10.7
42.0	7.5	8.0	8.5	9.1	
44.0	6.5	7.1	7.5	7.9	
46.0	5.7	6.2	6.5	6.9	
48.0	4.9	5.3	5.6		
50.0	4.2	4.5			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HG

23.6m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
12.0	30.0				
14.0	30.0				
16.0	30.0				
18.0	30.0	30.0			
20.0	29.0	30.0			
22.0	24.9	26.9	27.2		
24.0	21.3	23.1	24.8		
26.0	18.4	20.0	21.6		
28.0	16.0	17.4	18.8	20.0	
30.0	14.0	15.3	16.5	18.2	
32.0	12.3	13.4	14.5	16.1	14.8
34.0	10.8	11.8	12.8	14.2	14.5
36.0	9.5	10.4	11.3	12.5	13.5
38.0	8.3	9.2	10.0	11.0	11.8
40.0	7.1	8.1	8.8	9.7	10.3
42.0	6.1	7.0	7.7	8.5	8.9
44.0	5.2	6.0	6.7	7.4	
46.0	4.3	5.0	5.6	6.3	
48.0	3.5	4.1	4.7	5.1	
50.0		3.3	3.7		
Critical boom angle(°)	35	35	37	45	60
Standard hook	for 83ton	for 83ton	for 83ton	for 83ton	for 83ton
Hook mass(ton)	1.00	1.00	1.00	1.00	1.00
Parts of line	4	4	4	4	4

## Specification HG

32m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	20.0				
16.0	20.0				
18.0	20.0				
20.0	20.0	20.0			
22.0	20.0	20.0			
24.0	20.0	20.0	19.6		
26.0	18.1	19.8	19.1		
28.0	15.7	17.2	18.6		
30.0	13.6	15.1	16.4	15.3	
32.0	11.9	13.2	14.4	15.0	
34.0	10.4	11.6	12.7	14.2	12.2
36.0	9.0	10.2	11.2	12.5	12.1
38.0	7.7	8.9	9.8	11.0	11.9
40.0	6.6	7.8	8.7	9.7	10.5
42.0	5.5	6.6	7.6	8.5	9.2
44.0	4.6	5.6	6.5	7.5	7.9
46.0	3.7	4.6	5.4	6.4	6.8
48.0	2.9	3.8	4.5	5.3	
50.0		2.9	3.6	4.3	
Critical boom angle(°)	46	46	48	50	60
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 HG

40m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	14.0				
18.0	14.0				
20.0	14.0	14.0			
22.0	14.0	14.0			
24.0	14.0	14.0	14.0		
26.0	14.0	14.0	14.0		
28.0	14.0	14.0	14.0		
30.0	13.1	14.0	14.0	13.4	
32.0	11.4	12.8	14.0	13.2	
34.0	9.8	11.2	12.4	13.0	10.5
36.0	8.4	9.8	10.9	12.4	10.5
38.0	7.1	8.5	9.6	10.9	10.4
40.0	5.9	7.3	8.4	9.6	10.4
42.0	4.9	6.1	7.3	8.4	9.1
44.0	4.0	5.1	6.1	7.3	8.0
46.0	3.1	4.1	5.1	6.3	6.9
48.0		3.3	4.1	5.2	5.8
50.0			3.3	4.2	4.6
Critical boom angle(°)	54	56	56	59	60
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 HG

45m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0	11.5	
32.0	11.1	12.0	12.0	11.3	
34.0	9.5	11.0	12.0	11.2	9.0
36.0	8.0	9.6	10.7	11.0	8.9
38.0	6.7	8.2	9.4	10.8	8.9
40.0	5.6	7.0	8.2	9.5	8.8
42.0	4.6	5.8	7.0	8.3	8.8
44.0	3.6	4.8	5.9	7.2	7.9
46.0	2.8	3.9	4.9	6.2	6.9
48.0		3.0	3.9	5.1	5.8
50.0			3.1	4.1	4.7
Critical boom angle(°)	57	58	58	60	62
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 HG

50m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	9.0				
18.0	9.0				
20.0	9.0				
22.0	9.0	9.0			
24.0	9.0	9.0			
26.0	9.0	9.0	8.4		
28.0	9.0	9.0	8.2		
30.0	9.0	9.0	8.0		
32.0	9.0	9.0	7.8	6.3	
34.0	9.0	8.8	7.7	6.2	
36.0	7.7	8.6	7.5	6.1	4.7
38.0	6.4	8.0	7.4	6.0	4.7
40.0	5.3	6.7	7.3	6.0	4.7
42.0	4.2	5.6	6.8	5.9	4.7
44.0	3.3	4.6	5.7	5.9	4.7
46.0		3.6	4.7	5.9	4.7
48.0		2.7	3.7	5.0	4.7
50.0			2.9	4.0	4.7
Critical boom angle(°)	61	61	61	63	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 HG

53.9m Boom + 4.4m + 31m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	8.0				
20.0	8.0				
22.0	8.0	7.5			
24.0	8.0	7.2			
26.0	8.0	7.0	6.0		
28.0	8.0	6.8	5.8		
30.0	7.8	6.7	5.7		
32.0	7.6	6.5	5.6	4.3	
34.0	7.4	6.4	5.5	4.2	
36.0	7.2	6.2	5.4	4.2	3.1
38.0	6.2	6.1	5.3	4.1	3.1
40.0	5.0	6.0	5.2	4.1	3.1
42.0	4.0	5.4	5.1	4.1	3.1
44.0		4.4	5.1	4.1	3.1
46.0		3.4	4.5	4.1	3.1
48.0			3.6	4.1	3.1
50.0				3.9	3.1
Critical boom angle(°)	64	64	65	65	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 HA

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	12.0	12.0	12.0	10.8	9.5
42.0	12.0	12.0	11.5	10.3	9.3
44.0	12.0	11.7	10.9	9.9	9.1
46.0	11.8	11.1	10.4	9.6	9.0
48.0	11.2	10.5	10.0	9.3	
50.0	10.6	10.1	9.6	9.1	
55.0	9.4	9.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.6	
40.0	12.0	12.0	12.0	11.1	10.0
42.0	12.0	12.0	12.0	10.7	9.7
44.0	12.0	12.0	11.6	10.3	9.4
46.0	12.0	12.0	11.1	10.0	9.2
48.0	12.0	11.4	10.6	9.7	9.1
50.0	11.8	10.9	10.2	9.4	9.0
55.0	10.4	9.8	9.4	9.1	
60.0	9.2	9.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HA

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.8	
40.0	12.0	12.0	12.0	11.4	10.1
42.0	12.0	12.0	12.0	10.9	9.8
44.0	12.0	12.0	12.0	10.6	9.5
46.0	12.0	12.0	11.6	10.2	9.3
48.0	12.0	12.0	11.1	9.9	9.2
50.0	12.0	11.6	10.7	9.6	9.1
55.0	10.0	10.4	9.8	9.2	
60.0	8.1	8.5	8.8		
65.0	5.5				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	12.0	
40.0	12.0	12.0	12.0	11.8	
42.0	12.0	12.0	12.0	11.4	9.5
44.0	12.0	12.0	12.0	11.0	9.4
46.0	12.0	12.0	12.0	10.7	9.3
48.0	12.0	12.0	12.0	10.4	9.3
50.0	11.5	12.0	11.5	10.1	9.2
55.0	9.2	10.0	10.6	9.5	9.0
60.0	7.2	7.9	8.5	9.1	
65.0	5.6	6.1	6.5		
70.0	4.1	4.4			
Critical boom angle(°)	12	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	11.0	11.0	11.0		
38.0	11.0	11.0	11.0	10.5	
40.0	11.0	11.0	11.0	10.3	
42.0	11.0	11.0	11.0	10.1	8.1
44.0	11.0	11.0	11.0	10.0	8.0
46.0	11.0	11.0	11.0	9.9	8.0
48.0	11.0	11.0	11.0	9.8	7.9
50.0	10.9	11.0	11.0	9.7	7.9
55.0	8.5	9.5	10.5	9.5	7.9
60.0	6.6	7.4	8.2	9.1	7.9
65.0	4.9	5.6	6.2	6.8	
70.0	3.5	4.0	4.4		
75.0	2.2	2.6	2.8		
Critical boom angle(°)	20	22	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	10.0	10.0	10.0		
38.0	10.0	10.0	10.0	8.9	
40.0	10.0	10.0	10.0	8.8	
42.0	10.0	10.0	10.0	8.7	
44.0	10.0	10.0	10.0	8.5	6.8
46.0	10.0	10.0	10.0	8.4	6.7
48.0	10.0	10.0	10.0	8.3	6.7
50.0	9.8	10.0	9.9	8.3	6.7
55.0	8.0	8.8	9.5	8.1	6.7
60.0	6.2	7.1	7.7	8.1	6.7
65.0	4.5	5.3	6.0	6.7	
70.0	3.1	3.7	4.3	4.7	
75.0	1.9	2.4	2.7		
Critical boom angle(°)	30	32	34	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	7.0	6.8	5.9	4.7	
42.0	7.0	6.7	5.8	4.6	
44.0	7.0	6.5	5.7	4.5	3.4
46.0	7.0	6.4	5.6	4.5	3.4
48.0	7.0	6.3	5.5	4.4	3.3
50.0	6.9	6.2	5.5	4.4	3.3
55.0	6.6	6.0	5.3	4.3	3.3
60.0	5.3	5.8	5.2	4.3	3.3
65.0	4.2	4.7	5.1	4.3	3.3
70.0	2.8	3.5	4.0	4.3	
75.0	1.6	2.1	2.6	3.0	
Critical boom angle(°)	36	39	41	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	5.4	4.6	3.9	3.0	2.1
46.0	5.2	4.5	3.9	2.9	2.1
48.0	5.1	4.5	3.8	2.9	2.1
50.0	5.0	4.4	3.8	2.9	2.1
55.0	4.8	4.2	3.7	2.9	2.1
60.0	4.1	4.1	3.6	2.9	2.1
65.0	3.1	3.6	3.6	2.9	2.1
70.0	2.1	2.6	3.0	2.9	
75.0		1.7	2.1	2.4	
Critical boom angle(°)	44	44	45	46	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	12.0	12.0	12.0	10.8	9.5
42.0	12.0	12.0	11.5	10.3	9.3
44.0	12.0	11.7	10.9	9.9	9.1
46.0	11.8	11.1	10.4	9.6	9.0
48.0	11.2	10.5	10.0	9.3	
50.0	10.6	10.1	9.6	9.1	
55.0	9.4	9.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.6	
40.0	12.0	12.0	12.0	11.1	10.0
42.0	12.0	12.0	12.0	10.7	9.7
44.0	12.0	12.0	11.6	10.3	9.4
46.0	12.0	12.0	11.1	10.0	9.2
48.0	12.0	11.4	10.6	9.7	9.1
50.0	11.8	10.9	10.2	9.4	9.0
55.0	10.1	9.8	9.4	9.1	
60.0	8.2	8.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.8	
40.0	12.0	12.0	12.0	11.4	10.1
42.0	12.0	12.0	12.0	10.9	9.8
44.0	12.0	12.0	12.0	10.6	9.5
46.0	12.0	12.0	11.6	10.2	9.3
48.0	12.0	12.0	11.1	9.9	9.2
50.0	11.2	11.6	10.7	9.6	9.1
55.0	8.9	9.6	9.8	9.2	
60.0	7.0	7.5	7.8		
65.0	5.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	12.0	
40.0	12.0	12.0	12.0	11.8	
42.0	12.0	12.0	12.0	11.4	9.5
44.0	12.0	12.0	12.0	11.0	9.4
46.0	12.0	12.0	12.0	10.7	9.3
48.0	11.3	12.0	12.0	10.4	9.3
50.0	10.3	11.4	11.5	10.1	9.2
55.0	8.1	8.9	9.7	9.5	9.0
60.0	6.2	6.9	7.5	8.1	
65.0	4.6	5.1	5.5		
70.0	3.2	3.5			
Critical boom angle(°)	12	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	11.0	11.0	11.0		
38.0	11.0	11.0	11.0	10.5	
40.0	11.0	11.0	11.0	10.3	
42.0	11.0	11.0	11.0	10.1	8.1
44.0	11.0	11.0	11.0	10.0	8.0
46.0	11.0	11.0	11.0	9.9	8.0
48.0	10.7	11.0	11.0	9.8	7.9
50.0	9.6	10.8	11.0	9.7	7.9
55.0	7.4	8.4	9.4	9.5	7.9
60.0	5.6	6.4	7.2	8.1	7.9
65.0	4.0	4.7	5.2	5.9	
70.0	2.6	3.1	3.5		
75.0		1.8	2.0		
Critical boom angle(°)	31	31	33	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	10.0	10.0	10.0		
38.0	10.0	10.0	10.0	8.9	
40.0	10.0	10.0	10.0	8.8	
42.0	10.0	10.0	10.0	8.7	
44.0	10.0	10.0	10.0	8.5	6.8
46.0	10.0	10.0	10.0	8.4	6.7
48.0	10.0	10.0	10.0	8.3	6.7
50.0	9.3	10.0	9.9	8.3	6.7
55.0	7.0	8.1	9.1	8.1	6.7
60.0	5.2	6.1	6.9	8.0	6.7
65.0	3.6	4.4	5.1	5.8	
70.0	2.3	2.9	3.4	3.9	
75.0			1.9		
Critical boom angle(°)	37	40	40	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HB

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	7.0	6.8	5.9	4.7	
42.0	7.0	6.7	5.8	4.6	
44.0	7.0	6.5	5.7	4.5	3.4
46.0	7.0	6.4	5.6	4.5	3.4
48.0	7.0	6.3	5.5	4.4	3.3
50.0	6.9	6.2	5.5	4.4	3.3
55.0	6.6	6.0	5.3	4.3	3.3
60.0	4.8	5.8	5.2	4.3	3.3
65.0	3.3	4.1	4.9	4.3	3.3
70.0	1.9	2.6	3.2	3.9	
75.0			1.8	2.1	
Critical boom angle(°)	42	45	45	46	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HB

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	5.4	4.6	3.9	3.0	2.1
46.0	5.2	4.5	3.9	2.9	2.1
48.0	5.1	4.5	3.8	2.9	2.1
50.0	5.0	4.4	3.8	2.9	2.1
55.0	4.8	4.2	3.7	2.9	2.1
60.0	4.1	4.1	3.6	2.9	2.1
65.0	3.0	3.6	3.6	2.9	2.1
70.0	1.7	2.4	3.0	2.9	
75.0			1.7	2.1	
Critical boom angle(°)	46	47	47	48	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	12.0	12.0	12.0	10.8	9.5
42.0	12.0	12.0	11.5	10.3	9.3
44.0	12.0	11.7	10.9	9.9	9.1
46.0	11.8	11.1	10.4	9.6	9.0
48.0	11.2	10.5	10.0	9.3	
50.0	10.6	10.1	9.6	9.1	
55.0	9.4	9.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.6	
40.0	12.0	12.0	12.0	11.1	10.0
42.0	12.0	12.0	12.0	10.7	9.7
44.0	12.0	12.0	11.6	10.3	9.4
46.0	12.0	12.0	11.1	10.0	9.2
48.0	12.0	11.4	10.6	9.7	9.1
50.0	11.1	10.9	10.2	9.4	9.0
55.0	9.0	9.5	9.4	9.1	
60.0	7.2	7.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HC

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.8	
40.0	12.0	12.0	12.0	11.4	10.1
42.0	12.0	12.0	12.0	10.9	9.8
44.0	12.0	12.0	12.0	10.6	9.5
46.0	12.0	12.0	11.6	10.2	9.3
48.0	10.9	11.9	11.1	9.9	9.2
50.0	9.9	10.8	10.7	9.6	9.1
55.0	7.8	8.5	9.1	9.2	
60.0	6.0	6.5	6.8		
65.0	4.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	12.0	
40.0	12.0	12.0	12.0	11.8	
42.0	12.0	12.0	12.0	11.4	9.5
44.0	12.0	12.0	12.0	11.0	9.4
46.0	11.1	12.0	12.0	10.7	9.3
48.0	10.1	11.2	12.0	10.4	9.3
50.0	9.1	10.1	11.1	10.1	9.2
55.0	7.0	7.8	8.6	9.5	9.0
60.0	5.2	5.9	6.5	7.1	
65.0	3.7	4.2	4.6		
70.0	2.4	2.6			
Critical boom angle(°)	12	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	11.0	11.0	11.0		
38.0	11.0	11.0	11.0	10.5	
40.0	11.0	11.0	11.0	10.3	
42.0	11.0	11.0	11.0	10.1	8.1
44.0	11.0	11.0	11.0	10.0	8.0
46.0	10.4	11.0	11.0	9.9	8.0
48.0	9.4	10.7	11.0	9.8	7.9
50.0	8.4	9.6	10.7	9.7	7.9
55.0	6.3	7.3	8.3	9.4	7.9
60.0	4.5	5.4	6.1	7.0	7.4
65.0	3.0	3.7	4.3	4.9	
70.0	1.7	2.3	2.7		
Critical boom angle(°)	34	35	36	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	10.0	10.0	10.0		
38.0	10.0	10.0	10.0	8.9	
40.0	10.0	10.0	10.0	8.8	
42.0	10.0	10.0	10.0	8.7	
44.0	10.0	10.0	10.0	8.5	6.8
46.0	10.0	10.0	10.0	8.4	6.7
48.0	9.0	10.0	10.0	8.3	6.7
50.0	8.0	9.3	9.9	8.3	6.7
55.0	5.9	7.0	8.0	8.1	6.7
60.0	4.2	5.1	5.9	6.9	6.7
65.0	2.7	3.4	4.1	4.9	
70.0		2.0	2.5	3.0	
Critical boom angle(°)	43	43	44	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	7.0	6.8	5.9	4.7	
42.0	7.0	6.7	5.8	4.6	
44.0	7.0	6.5	5.7	4.5	3.4
46.0	7.0	6.4	5.6	4.5	3.4
48.0	7.0	6.3	5.5	4.4	3.3
50.0	6.9	6.2	5.5	4.4	3.3
55.0	5.6	6.0	5.3	4.3	3.3
60.0	3.8	4.8	5.2	4.3	3.3
65.0	2.3	3.2	3.9	4.3	3.3
70.0		1.8	2.4	3.0	
Critical boom angle(°)	46	47	48	49	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	5.4	4.6	3.9	3.0	2.1
46.0	5.2	4.5	3.9	2.9	2.1
48.0	5.1	4.5	3.8	2.9	2.1
50.0	5.0	4.4	3.8	2.9	2.1
55.0	4.8	4.2	3.7	2.9	2.1
60.0	3.6	4.1	3.6	2.9	2.1
65.0	2.1	3.0	3.6	2.9	2.1
70.0		1.6	2.2	2.9	
Critical boom angle(°)	50	50	51	52	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	12.0	12.0	12.0	10.8	9.5
42.0	12.0	12.0	11.5	10.3	9.3
44.0	12.0	11.7	10.9	9.9	9.1
46.0	11.8	11.1	10.4	9.6	9.0
48.0	11.2	10.5	10.0	9.3	
50.0	10.6	10.1	9.6	9.1	
55.0	9.4	9.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.6	
40.0	12.0	12.0	12.0	11.1	10.0
42.0	12.0	12.0	12.0	10.7	9.7
44.0	12.0	12.0	11.6	10.3	9.4
46.0	11.8	12.0	11.1	10.0	9.2
48.0	10.8	11.4	10.6	9.7	9.1
50.0	9.9	10.6	10.2	9.4	9.0
55.0	7.9	8.4	8.8	9.1	
60.0	6.2	6.4			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.8	
40.0	12.0	12.0	12.0	11.4	10.1
42.0	12.0	12.0	12.0	10.9	9.8
44.0	11.7	12.0	12.0	10.6	9.5
46.0	10.6	11.7	11.6	10.2	9.3
48.0	9.6	10.6	11.1	9.9	9.2
50.0	8.7	9.6	10.4	9.6	9.1
55.0	6.7	7.4	8.0	8.6	
60.0	5.0	5.4	5.8		
65.0	3.5				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	12.0	
40.0	12.0	12.0	12.0	11.8	
42.0	12.0	12.0	12.0	11.4	9.5
44.0	10.9	12.0	12.0	11.0	9.4
46.0	9.8	11.0	12.0	10.7	9.3
48.0	8.8	9.9	11.0	10.4	9.3
50.0	7.9	8.9	9.9	10.1	9.2
55.0	5.9	6.7	7.5	8.5	9.0
60.0	4.2	4.9	5.5	6.1	
65.0	2.8	3.3	3.7		
70.0		1.8			
Critical boom angle(°)	27	27	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	11.0	11.0	11.0		
38.0	11.0	11.0	11.0	10.5	
40.0	11.0	11.0	11.0	10.3	
42.0	11.0	11.0	11.0	10.1	8.1
44.0	10.2	11.0	11.0	10.0	8.0
46.0	9.1	10.5	11.0	9.9	8.0
48.0	8.1	9.4	10.6	9.8	7.9
50.0	7.2	8.4	9.5	9.7	7.9
55.0	5.2	6.2	7.1	8.3	7.9
60.0	3.5	4.4	5.1	6.0	6.4
65.0	2.1	2.8	3.4	4.0	
70.0			1.8		
Critical boom angle(°)	40	42	42	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	10.0	10.0	10.0		
38.0	10.0	10.0	10.0	8.9	
40.0	10.0	10.0	10.0	8.8	
42.0	10.0	10.0	10.0	8.7	
44.0	9.8	10.0	10.0	8.5	6.8
46.0	8.7	10.0	10.0	8.4	6.7
48.0	7.7	9.1	10.0	8.3	6.7
50.0	6.8	8.1	9.3	8.3	6.7
55.0	4.8	5.9	6.9	8.1	6.7
60.0	3.2	4.1	4.9	5.9	6.5
65.0	1.7	2.5	3.2	3.9	
70.0			1.7	2.1	
Critical boom angle(°)	45	46	46	47	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HD

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	7.0	6.8	5.9	4.7	
42.0	7.0	6.7	5.8	4.6	
44.0	7.0	6.5	5.7	4.5	3.4
46.0	7.0	6.4	5.6	4.5	3.4
48.0	7.0	6.3	5.5	4.4	3.3
50.0	6.5	6.2	5.5	4.4	3.3
55.0	4.5	5.6	5.3	4.3	3.3
60.0	2.8	3.8	4.7	4.3	3.3
65.0		2.2	3.0	3.9	3.3
70.0				2.1	
Critical boom angle(°)	51	51	52	53	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HD

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	5.4	4.6	3.9	3.0	2.1
46.0	5.2	4.5	3.9	2.9	2.1
48.0	5.1	4.5	3.8	2.9	2.1
50.0	5.0	4.4	3.8	2.9	2.1
55.0	4.2	4.2	3.7	2.9	2.1
60.0	2.6	3.6	3.6	2.9	2.1
65.0		2.0	2.8	2.9	2.1
70.0				2.1	
Critical boom angle(°)	53	54	55	55	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	12.0	12.0	12.0	10.8	9.5
42.0	12.0	12.0	11.5	10.3	9.3
44.0	12.0	11.7	10.9	9.9	9.1
46.0	11.6	11.1	10.4	9.6	9.0
48.0	10.7	10.5	10.0	9.3	
50.0	9.9	10.1	9.6	9.1	
55.0	8.0	8.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.6	
40.0	12.0	12.0	12.0	11.1	10.0
42.0	11.9	12.0	12.0	10.7	9.7
44.0	10.8	11.7	11.6	10.3	9.4
46.0	9.8	10.7	11.1	10.0	9.2
48.0	8.9	9.7	10.4	9.7	9.1
50.0	8.1	8.8	9.4	9.4	9.0
55.0	6.3	6.7	7.1	7.5	
60.0	4.7	4.9			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HE

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.8	
40.0	11.9	12.0	12.0	11.4	10.1
42.0	10.7	11.9	12.0	10.9	9.8
44.0	9.6	10.8	11.9	10.6	9.5
46.0	8.6	9.7	10.7	10.2	9.3
48.0	7.7	8.7	9.6	9.9	9.2
50.0	6.9	7.7	8.6	9.6	9.1
55.0	5.0	5.7	6.3	7.0	
60.0	3.5	3.9	4.3		
65.0	2.1				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	12.0	
40.0	11.1	12.0	12.0	11.8	
42.0	9.9	11.3	12.0	11.4	9.5
44.0	8.8	10.1	11.4	11.0	9.4
46.0	7.8	9.0	10.2	10.7	9.3
48.0	6.9	8.0	9.1	10.4	9.3
50.0	6.0	7.1	8.1	9.4	9.2
55.0	4.2	5.1	5.9	6.9	7.4
60.0	2.7	3.3	3.9	4.6	
65.0		1.8	2.2		
Critical boom angle(°)	36	36	37	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	11.0	11.0	11.0		
38.0	11.0	11.0	11.0	10.5	
40.0	10.4	11.0	11.0	10.3	
42.0	9.2	10.8	11.0	10.1	8.1
44.0	8.1	9.6	11.0	10.0	8.0
46.0	7.1	8.5	9.8	9.9	8.0
48.0	6.2	7.5	8.7	9.8	7.9
50.0	5.4	6.6	7.7	9.2	7.9
55.0	3.5	4.5	5.5	6.7	7.4
60.0	2.0	2.8	3.6	4.5	4.9
65.0			2.0	2.6	
Critical boom angle(°)	46	48	48	50	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	10.0	10.0	10.0		
38.0	10.0	10.0	10.0	8.9	
40.0	10.0	10.0	10.0	8.8	
42.0	8.8	10.0	10.0	8.7	
44.0	7.7	9.3	10.0	8.5	6.8
46.0	6.7	8.2	9.6	8.4	6.7
48.0	5.8	7.2	8.5	8.3	6.7
50.0	5.0	6.3	7.5	8.3	6.7
55.0	3.2	4.2	5.3	6.5	6.7
60.0	1.6	2.6	3.4	4.4	5.0
65.0			1.8	2.5	
Critical boom angle(°)	49	51	51	52	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	7.0	6.8	5.9	4.7	
42.0	7.0	6.7	5.8	4.6	
44.0	7.0	6.5	5.7	4.5	3.4
46.0	6.4	6.4	5.6	4.5	3.4
48.0	5.5	6.3	5.5	4.4	3.3
50.0	4.7	6.0	5.5	4.4	3.3
55.0	2.8	4.0	5.1	4.3	3.3
60.0		2.3	3.2	4.3	3.3
65.0			1.6	2.5	2.8
Critical boom angle(°)	55	55	55	57	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	5.4	4.6	3.9	3.0	2.1
46.0	5.2	4.5	3.9	2.9	2.1
48.0	5.1	4.5	3.8	2.9	2.1
50.0	4.4	4.4	3.8	2.9	2.1
55.0	2.6	3.8	3.7	2.9	2.1
60.0		2.1	3.0	2.9	2.1
65.0				2.4	2.1
Critical boom angle(°)	57	57	59	59	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	12.0	12.0	12.0	10.8	9.5
42.0	11.8	12.0	11.5	10.3	9.3
44.0	10.9	11.4	10.9	9.9	9.1
46.0	10.1	10.5	10.4	9.6	9.0
48.0	9.3	9.7	10.0	9.3	
50.0	8.6	8.9	9.2	9.1	
55.0	7.0	7.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	12.0	12.0	12.0	11.6	
40.0	11.6	12.0	12.0	11.1	10.0
42.0	10.6	11.3	12.0	10.7	9.7
44.0	9.5	10.3	11.0	10.3	9.4
46.0	8.6	9.4	10.0	10.0	9.2
48.0	7.8	8.5	9.1	9.7	9.1
50.0	7.0	7.7	8.3	8.9	9.0
55.0	5.2	5.7	6.1	6.5	
60.0	3.7	3.9			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	11.8	12.0	12.0	11.8	
40.0	10.5	11.7	12.0	11.4	10.1
42.0	9.4	10.6	11.5	10.9	9.8
44.0	8.4	9.5	10.4	10.6	9.5
46.0	7.4	8.5	9.4	10.2	9.3
48.0	6.6	7.5	8.4	9.4	9.2
50.0	5.8	6.6	7.5	8.5	9.0
55.0	4.0	4.7	5.3	6.0	
60.0	2.6	3.0	3.3		
Critical boom angle(°)	18	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0	12.0	
38.0	10.9	12.0	12.0	12.0	
40.0	9.7	11.2	12.0	11.8	
42.0	8.5	10.0	11.1	11.4	9.5
44.0	7.5	8.8	10.0	11.0	9.4
46.0	6.6	7.8	9.0	10.2	9.3
48.0	5.7	6.9	7.9	9.2	9.3
50.0	4.9	6.0	7.0	8.3	9.0
55.0	3.2	4.1	4.9	5.8	6.4
60.0	1.7	2.4	3.0	3.7	
Critical boom angle(°)	38	41	43	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	11.0	11.0	11.0		
38.0	10.3	11.0	11.0	10.5	
40.0	9.0	10.7	11.0	10.3	
42.0	7.9	9.4	10.8	10.1	8.1
44.0	6.8	8.3	9.7	10.0	8.0
46.0	5.9	7.3	8.6	9.9	8.0
48.0	5.0	6.3	7.5	9.1	7.9
50.0	4.3	5.5	6.6	8.1	7.9
55.0	2.5	3.5	4.5	5.7	6.4
60.0		1.9	2.7	3.6	4.0
65.0				1.7	
Critical boom angle(°)	49	49	51	51	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	10.0	10.0	10.0		
38.0	9.9	10.0	10.0	8.9	
40.0	8.6	10.0	10.0	8.8	
42.0	7.5	9.2	10.0	8.7	
44.0	6.5	8.0	9.5	8.5	6.8
46.0	5.5	7.0	8.4	8.4	6.7
48.0	4.7	6.0	7.3	8.3	6.7
50.0	3.9	5.2	6.4	7.9	6.7
55.0	2.2	3.2	4.2	5.5	6.4
60.0		1.6	2.5	3.5	4.0
65.0				1.7	
Critical boom angle(°)	53	53	55	55	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	7.0	6.8	5.9	4.7	
42.0	7.0	6.7	5.8	4.6	
44.0	6.1	6.5	5.7	4.5	3.4
46.0	5.2	6.4	5.6	4.5	3.4
48.0	4.3	5.8	5.5	4.4	3.3
50.0	3.5	4.9	5.5	4.4	3.3
55.0	1.8	3.0	4.0	4.3	3.3
60.0			2.3	3.4	3.3
65.0				1.6	2.0
Critical boom angle(°)	56	59	59	59	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	5.4	4.6	3.9	3.0	2.1
46.0	5.0	4.5	3.9	2.9	2.1
48.0	4.1	4.5	3.8	2.9	2.1
50.0	3.3	4.4	3.8	2.9	2.1
55.0	1.6	2.8	3.7	2.9	2.1
60.0			2.1	2.9	2.1
65.0					2.0
Critical boom angle(°)	59	60	61	62	62
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

14.4m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
14.0	12.0				
16.0	12.0				
18.0	12.0				
20.0	12.0	12.0			
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0	12.0		
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	11.9	
38.0	12.0	12.0	12.0	11.3	
40.0	11.0	11.6	12.0	10.8	9.5
42.0	10.1	10.7	11.2	10.3	9.3
44.0	9.3	9.8	10.2	9.9	9.1
46.0	8.5	8.9	9.4	9.6	9.0
48.0	7.8	8.2	8.6	9.0	
50.0	7.2	7.5	7.8	8.1	
55.0	5.8	5.9			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

19.55m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0	12.0	
36.0	12.0	12.0	12.0	12.0	
38.0	10.8	11.7	12.0	11.6	
40.0	9.8	10.6	11.4	11.1	10.0
42.0	8.8	9.6	10.3	10.7	9.7
44.0	8.0	8.7	9.3	10.3	9.4
46.0	7.2	7.8	8.4	9.3	9.2
48.0	6.5	7.1	7.6	8.4	8.8
50.0	5.9	6.4	6.9	7.5	7.8
55.0	4.2	4.7	5.1	5.4	
60.0	2.8	3.0			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HG

23.6m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0	12.0			
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0	12.0		
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	11.1	12.0	12.0	12.0	
38.0	9.9	11.0	12.0	11.8	
40.0	8.9	9.9	10.9	11.4	10.1
42.0	7.9	8.9	9.7	10.9	9.8
44.0	7.1	7.9	8.8	9.9	9.5
46.0	6.2	7.1	7.8	8.9	9.3
48.0	5.4	6.3	7.0	7.9	8.6
50.0	4.7	5.5	6.2	7.0	7.5
55.0	3.0	3.7	4.3	4.9	
60.0	1.6	2.1	2.4		
Critical boom angle(°)	22	25	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

32m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0	12.0		
32.0	12.0	12.0	12.0		
34.0	11.8	12.0	12.0		
36.0	10.5	11.8	12.0	12.0	
38.0	9.3	10.5	11.7	12.0	
40.0	8.3	9.4	10.5	11.8	
42.0	7.2	8.4	9.4	10.8	9.5
44.0	6.3	7.5	8.4	9.7	9.4
46.0	5.4	6.6	7.5	8.7	9.3
48.0	4.6	5.7	6.7	7.7	8.5
50.0	3.8	4.9	5.9	6.9	7.5
55.0	2.2	3.0	3.8	4.8	5.3
60.0			2.1	2.7	
Critical boom angle(°)	43	47	47	47	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

40m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	11.0				
20.0	11.0				
22.0	11.0				
24.0	11.0	11.0			
26.0	11.0	11.0			
28.0	11.0	11.0			
30.0	11.0	11.0	11.0		
32.0	11.0	11.0	11.0		
34.0	11.0	11.0	11.0		
36.0	10.0	11.0	11.0		
38.0	8.8	10.2	11.0	10.5	
40.0	7.6	9.0	10.2	10.3	
42.0	6.5	8.0	9.1	10.1	8.1
44.0	5.6	7.0	8.1	9.5	8.0
46.0	4.7	6.1	7.2	8.5	8.0
48.0	3.9	5.2	6.4	7.6	7.9
50.0	3.1	4.3	5.5	6.7	7.5
55.0		2.5	3.5	4.6	5.4
60.0			1.7	2.7	3.1
Critical boom angle(°)	54	54	54	56	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

45m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	10.0				
20.0	10.0				
22.0	10.0				
24.0	10.0				
26.0	10.0	10.0			
28.0	10.0	10.0			
30.0	10.0	10.0	10.0		
32.0	10.0	10.0	10.0		
34.0	10.0	10.0	10.0		
36.0	9.7	10.0	10.0		
38.0	8.4	10.0	10.0	8.9	
40.0	7.2	8.8	10.0	8.8	
42.0	6.2	7.8	9.0	8.7	
44.0	5.2	6.8	7.9	8.5	6.8
46.0	4.3	5.8	7.0	8.4	6.7
48.0	3.5	4.9	6.2	7.5	6.7
50.0	2.8	4.0	5.2	6.6	6.7
55.0		2.2	3.2	4.5	5.4
60.0				2.6	3.1
Critical boom angle(°)	57	58	59	59	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

50m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.0				
22.0	7.0				
24.0	7.0				
26.0	7.0	7.0			
28.0	7.0	7.0			
30.0	7.0	7.0			
32.0	7.0	7.0	6.5		
34.0	7.0	7.0	6.3		
36.0	7.0	7.0	6.2		
38.0	7.0	7.0	6.1		
40.0	6.9	6.8	5.9	4.7	
42.0	5.8	6.7	5.8	4.6	
44.0	4.9	6.5	5.7	4.5	3.4
46.0	4.0	5.5	5.6	4.5	3.4
48.0	3.2	4.6	5.5	4.4	3.3
50.0	2.4	3.8	5.0	4.4	3.3
55.0			3.0	4.3	3.3
60.0				2.5	3.1
Critical boom angle(°)	61	62	62	63	63
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

53.9m Boom + 4.4m + 40m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	6.0				
22.0	6.0				
24.0	6.0				
26.0	6.0	6.0			
28.0	6.0	5.8			
30.0	6.0	5.6			
32.0	6.0	5.4	4.5		
34.0	6.0	5.2	4.4		
36.0	6.0	5.1	4.3		
38.0	5.8	5.0	4.2		
40.0	5.6	4.8	4.1	3.1	
42.0	5.5	4.7	4.0	3.0	
44.0	4.6	4.6	3.9	3.0	2.1
46.0	3.7	4.5	3.9	2.9	2.1
48.0		4.4	3.8	2.9	2.1
50.0		3.6	3.8	2.9	2.1
55.0			2.9	2.9	2.1
60.0					2.1
Critical boom angle(°)	64	65	65	66	66
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	12.0	11.4	10.4	9.1	
42.0	11.8	10.7	9.8	8.7	
44.0	11.0	10.1	9.3	8.3	
46.0	10.3	9.5	8.8	7.9	7.2
48.0	9.7	9.0	8.4	7.6	7.0
50.0	9.1	8.5	8.0	7.3	6.8
55.0	8.0	7.6	7.2	6.7	
60.0	7.0	6.8	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.5		
40.0	12.0	12.0	10.9	9.3	
42.0	12.0	11.5	10.3	8.9	
44.0	12.0	10.8	9.8	8.5	
46.0	11.4	10.2	9.3	8.1	7.3
48.0	10.7	9.7	8.9	7.8	7.1
50.0	10.1	9.2	8.5	7.5	6.9
55.0	8.8	8.2	7.6	7.0	6.6
60.0	7.8	7.3	7.0	6.6	
65.0	7.0	6.7	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.8		
40.0	12.0	12.0	11.2	9.4	
42.0	12.0	12.0	10.6	9.0	
44.0	12.0	11.4	10.1	8.6	
46.0	12.0	10.8	9.6	8.3	7.3
48.0	11.5	10.2	9.2	8.0	7.1
50.0	10.8	9.7	8.8	7.7	7.0
55.0	9.5	8.6	8.0	7.1	6.6
60.0	8.4	7.8	7.3	6.7	
65.0	7.0	7.1	6.8	6.5	
70.0	5.5	5.8			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	12.0		
40.0	12.0	12.0	11.8		
42.0	12.0	12.0	11.3	9.2	
44.0	12.0	12.0	10.8	8.9	
46.0	12.0	11.8	10.3	8.6	
48.0	12.0	11.3	9.8	8.3	7.2
50.0	12.0	10.7	9.4	8.0	7.1
55.0	9.8	9.6	8.6	7.5	6.7
60.0	7.8	8.6	7.9	7.0	6.5
65.0	6.1	6.9	7.3	6.7	
70.0	4.7	5.3	5.8	6.2	
75.0	3.4	3.8	4.1		
80.0	1.8				
Critical boom angle(°)	15	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	8.0	8.0	8.0		
44.0	8.0	8.0	8.0	8.0	
46.0	8.0	8.0	8.0	8.0	
48.0	8.0	8.0	8.0	8.0	
50.0	8.0	8.0	8.0	8.0	6.3
55.0	8.0	8.0	8.0	7.7	6.2
60.0	7.1	8.0	8.0	7.3	6.1
65.0	5.4	6.3	7.1	6.9	6.1
70.0	4.0	4.7	5.4	6.1	
75.0	2.8	3.3	3.8	4.3	
80.0	1.7	2.1	2.4		
Critical boom angle(°)	25	28	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	7.5	7.5	7.5		
44.0	7.5	7.5	7.5	7.1	
46.0	7.5	7.5	7.5	7.0	
48.0	7.5	7.5	7.5	6.8	
50.0	7.5	7.5	7.5	6.7	5.2
55.0	7.5	7.5	7.5	6.5	5.1
60.0	6.7	7.5	7.5	6.4	5.1
65.0	5.1	6.0	6.7	6.3	5.1
70.0	3.6	4.4	5.2	6.0	5.1
75.0	2.4	3.1	3.6	4.3	
80.0		1.8	2.3	2.6	
Critical boom angle(°)	38	38	40	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	5.0	5.0	4.4	3.3	
48.0	5.0	5.0	4.3	3.3	
50.0	5.0	4.9	4.2	3.2	2.2
55.0	5.0	4.7	4.1	3.1	2.2
60.0	5.0	4.5	3.9	3.1	2.2
65.0	4.2	4.4	3.9	3.0	2.2
70.0	3.3	3.8	3.8	3.0	2.2
75.0	2.0	2.8	3.3	3.0	
80.0		1.6	2.1	2.6	
Critical boom angle(°)	42	43	44	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	4.0	3.4	2.8	1.9	
50.0	3.9	3.3	2.7	1.9	
55.0	3.6	3.1	2.6	1.8	
60.0	3.4	3.0	2.5	1.8	
65.0	3.0	2.9	2.4	1.8	
70.0	2.2	2.8	2.4	1.8	
75.0		1.9	2.4	1.8	
80.0				1.8	
Critical boom angle(°)	49	49	51	51	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HB

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	12.0	11.4	10.4	9.1	
42.0	11.8	10.7	9.8	8.7	
44.0	11.0	10.1	9.3	8.3	
46.0	10.3	9.5	8.8	7.9	7.2
48.0	9.7	9.0	8.4	7.6	7.0
50.0	9.1	8.5	8.0	7.3	6.8
55.0	8.0	7.6	7.2	6.7	
60.0	7.0	6.8	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.5		
40.0	12.0	12.0	10.9	9.3	
42.0	12.0	11.5	10.3	8.9	
44.0	12.0	10.8	9.8	8.5	
46.0	11.4	10.2	9.3	8.1	7.3
48.0	10.7	9.7	8.9	7.8	7.1
50.0	10.1	9.2	8.5	7.5	6.9
55.0	8.8	8.2	7.6	7.0	6.6
60.0	7.8	7.3	7.0	6.6	
65.0	7.0	6.7	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HB

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.8		
40.0	12.0	12.0	11.2	9.4	
42.0	12.0	12.0	10.6	9.0	
44.0	12.0	11.4	10.1	8.6	
46.0	12.0	10.8	9.6	8.3	7.3
48.0	11.5	10.2	9.2	8.0	7.1
50.0	10.8	9.7	8.8	7.7	7.0
55.0	9.5	8.6	8.0	7.1	6.6
60.0	7.7	7.8	7.3	6.7	
65.0	6.1	6.6	6.8	6.5	
70.0	4.7	4.9			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	12.0		
40.0	12.0	12.0	11.8		
42.0	12.0	12.0	11.3	9.2	
44.0	12.0	12.0	10.8	8.9	
46.0	12.0	11.8	10.3	8.6	
48.0	11.9	11.3	9.8	8.3	7.2
50.0	10.9	10.7	9.4	8.0	7.1
55.0	8.7	9.6	8.6	7.5	6.7
60.0	6.8	7.7	7.9	7.0	6.5
65.0	5.2	5.9	6.6	6.7	
70.0	3.8	4.4	4.9	5.3	
75.0	2.6	3.0	3.3		
Critical boom angle(°)	18	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	8.0	8.0	8.0		
44.0	8.0	8.0	8.0	8.0	
46.0	8.0	8.0	8.0	8.0	
48.0	8.0	8.0	8.0	8.0	
50.0	8.0	8.0	8.0	8.0	6.3
55.0	8.0	8.0	8.0	7.7	6.2
60.0	6.1	7.1	8.0	7.3	6.1
65.0	4.5	5.4	6.2	6.9	6.1
70.0	3.1	3.9	4.5	5.3	
75.0	2.0	2.5	3.0	3.5	
80.0			1.6		
Critical boom angle(°)	33	37	37	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	7.5	7.5	7.5		
44.0	7.5	7.5	7.5	7.1	
46.0	7.5	7.5	7.5	7.0	
48.0	7.5	7.5	7.5	6.8	
50.0	7.5	7.5	7.5	6.7	5.2
55.0	7.5	7.5	7.5	6.5	5.1
60.0	5.7	6.8	7.5	6.4	5.1
65.0	4.1	5.1	6.0	6.3	5.1
70.0	2.8	3.6	4.3	5.2	5.1
75.0	1.6	2.2	2.8	3.5	
80.0				1.8	
Critical boom angle(°)	40	42	44	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HB

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	5.0	5.0	4.4	3.3	
48.0	5.0	5.0	4.3	3.3	
50.0	5.0	4.9	4.2	3.2	2.2
55.0	5.0	4.7	4.1	3.1	2.2
60.0	5.0	4.5	3.9	3.1	2.2
65.0	3.8	4.4	3.9	3.0	2.2
70.0	2.4	3.3	3.8	3.0	2.2
75.0		2.0	2.6	3.0	
80.0				1.8	
Critical boom angle(°)	47	47	49	49	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HB

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	4.0	3.4	2.8	1.9	
50.0	3.9	3.3	2.7	1.9	
55.0	3.6	3.1	2.6	1.8	
60.0	3.4	3.0	2.5	1.8	
65.0	3.0	2.9	2.4	1.8	
70.0	2.1	2.8	2.4	1.8	
75.0		1.8	2.4	1.8	
80.0				1.8	
Critical boom angle(°)	50	50	52	52	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HC

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	12.0	11.4	10.4	9.1	
42.0	11.8	10.7	9.8	8.7	
44.0	11.0	10.1	9.3	8.3	
46.0	10.3	9.5	8.8	7.9	7.2
48.0	9.7	9.0	8.4	7.6	7.0
50.0	9.1	8.5	8.0	7.3	6.8
55.0	8.0	7.6	7.2	6.7	
60.0	7.0	6.8	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.5		
40.0	12.0	12.0	10.9	9.3	
42.0	12.0	11.5	10.3	8.9	
44.0	12.0	10.8	9.8	8.5	
46.0	11.4	10.2	9.3	8.1	7.3
48.0	10.7	9.7	8.9	7.8	7.1
50.0	10.1	9.2	8.5	7.5	6.9
55.0	8.8	8.2	7.6	7.0	6.6
60.0	7.8	7.3	7.0	6.6	
65.0	6.3	6.6	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.8		
40.0	12.0	12.0	11.2	9.4	
42.0	12.0	12.0	10.6	9.0	
44.0	12.0	11.4	10.1	8.6	
46.0	12.0	10.8	9.6	8.3	7.3
48.0	11.5	10.2	9.2	8.0	7.1
50.0	10.6	9.7	8.8	7.7	7.0
55.0	8.4	8.6	8.0	7.1	6.6
60.0	6.7	7.4	7.3	6.7	
65.0	5.1	5.6	6.1	6.5	
70.0	3.8	4.1			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	12.0		
40.0	12.0	12.0	11.8		
42.0	12.0	12.0	11.3	9.2	
44.0	12.0	12.0	10.8	8.9	
46.0	11.7	11.8	10.3	8.6	
48.0	10.7	11.3	9.8	8.3	7.2
50.0	9.7	10.7	9.4	8.0	7.1
55.0	7.6	8.6	8.6	7.5	6.7
60.0	5.8	6.7	7.5	7.0	6.5
65.0	4.3	5.0	5.7	6.5	
70.0	3.0	3.5	4.0	4.4	
75.0	1.8	2.2	2.5		
Critical boom angle(°)	20	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	8.0	8.0	8.0		
44.0	8.0	8.0	8.0	8.0	
46.0	8.0	8.0	8.0	8.0	
48.0	8.0	8.0	8.0	8.0	
50.0	8.0	8.0	8.0	8.0	6.3
55.0	6.9	8.0	8.0	7.7	6.2
60.0	5.1	6.1	7.1	7.3	6.1
65.0	3.6	4.5	5.3	6.3	6.1
70.0	2.3	3.0	3.7	4.4	
75.0		1.7	2.2	2.7	
Critical boom angle(°)	39	40	41	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	7.5	7.5	7.5		
44.0	7.5	7.5	7.5	7.1	
46.0	7.5	7.5	7.5	7.0	
48.0	7.5	7.5	7.5	6.8	
50.0	7.5	7.5	7.5	6.7	5.2
55.0	6.5	7.5	7.5	6.5	5.1
60.0	4.7	5.8	6.9	6.4	5.1
65.0	3.2	4.1	5.0	6.2	5.1
70.0	1.9	2.7	3.4	4.3	4.7
75.0			2.0	2.7	
Critical boom angle(°)	44	48	48	48	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	5.0	5.0	4.4	3.3	
48.0	5.0	5.0	4.3	3.3	
50.0	5.0	4.9	4.2	3.2	2.2
55.0	5.0	4.7	4.1	3.1	2.2
60.0	4.3	4.5	3.9	3.1	2.2
65.0	2.8	3.9	3.9	3.0	2.2
70.0		2.4	3.2	3.0	2.2
75.0			1.8	2.6	
Critical boom angle(°)	51	51	51	52	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	4.0	3.4	2.8	1.9	
50.0	3.9	3.3	2.7	1.9	
55.0	3.6	3.1	2.6	1.8	
60.0	3.4	3.0	2.5	1.8	
65.0	2.6	2.9	2.4	1.8	
70.0		2.2	2.4	1.8	
75.0			1.7	1.8	
Critical boom angle(°)	53	53	53	55	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HD

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	12.0	11.4	10.4	9.1	
42.0	11.8	10.7	9.8	8.7	
44.0	11.0	10.1	9.3	8.3	
46.0	10.3	9.5	8.8	7.9	7.2
48.0	9.7	9.0	8.4	7.6	7.0
50.0	9.1	8.5	8.0	7.3	6.8
55.0	8.0	7.6	7.2	6.7	
60.0	7.0	6.8	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.5		
40.0	12.0	12.0	10.9	9.3	
42.0	12.0	11.5	10.3	8.9	
44.0	12.0	10.8	9.8	8.5	
46.0	11.4	10.2	9.3	8.1	7.3
48.0	10.7	9.7	8.9	7.8	7.1
50.0	10.1	9.2	8.5	7.5	6.9
55.0	8.5	8.2	7.6	7.0	6.6
60.0	6.8	7.3	7.0	6.6	
65.0	5.4	5.7	5.9		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HD

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.8		
40.0	12.0	12.0	11.2	9.4	
42.0	12.0	12.0	10.6	9.0	
44.0	12.0	11.4	10.1	8.6	
46.0	11.3	10.8	9.6	8.3	7.3
48.0	10.3	10.2	9.2	8.0	7.1
50.0	9.3	9.7	8.8	7.7	7.0
55.0	7.3	8.2	8.0	7.1	6.6
60.0	5.7	6.3	7.0	6.7	
65.0	4.2	4.7	5.2	5.5	
70.0	2.9	3.2			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	12.0		
40.0	12.0	12.0	11.8		
42.0	12.0	12.0	11.3	9.2	
44.0	11.5	12.0	10.8	8.9	
46.0	10.4	11.8	10.3	8.6	
48.0	9.4	10.7	9.8	8.3	7.2
50.0	8.5	9.7	9.4	8.0	7.1
55.0	6.5	7.5	8.6	7.5	6.7
60.0	4.8	5.7	6.5	7.0	6.5
65.0	3.3	4.1	4.7	5.5	
70.0	2.1	2.7	3.1	3.6	
75.0			1.6		
Critical boom angle(°)	30	34	34	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	8.0	8.0	8.0		
44.0	8.0	8.0	8.0	8.0	
46.0	8.0	8.0	8.0	8.0	
48.0	8.0	8.0	8.0	8.0	
50.0	7.8	8.0	8.0	8.0	6.3
55.0	5.8	7.0	8.0	7.7	6.2
60.0	4.1	5.1	6.1	7.3	6.1
65.0	2.6	3.5	4.3	5.4	5.9
70.0		2.1	2.8	3.5	
75.0				1.9	
Critical boom angle(°)	45	45	47	47	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	7.5	7.5	7.5		
44.0	7.5	7.5	7.5	7.1	
46.0	7.5	7.5	7.5	7.0	
48.0	7.5	7.5	7.5	6.8	
50.0	7.5	7.5	7.5	6.7	5.2
55.0	5.4	6.7	7.5	6.5	5.1
60.0	3.7	4.8	5.9	6.4	5.1
65.0	2.2	3.2	4.1	5.2	5.1
70.0		1.8	2.6	3.5	3.8
75.0				1.8	
Critical boom angle(°)	48	49	51	51	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	5.0	5.0	4.4	3.3	
48.0	5.0	5.0	4.3	3.3	
50.0	5.0	4.9	4.2	3.2	2.2
55.0	5.0	4.7	4.1	3.1	2.2
60.0	3.3	4.5	3.9	3.1	2.2
65.0	1.9	2.9	3.9	3.0	2.2
70.0			2.4	3.0	2.2
75.0				1.8	
Critical boom angle(°)	52	55	55	55	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	4.0	3.4	2.8	1.9	
50.0	3.9	3.3	2.7	1.9	
55.0	3.6	3.1	2.6	1.8	
60.0	3.1	3.0	2.5	1.8	
65.0	1.6	2.7	2.4	1.8	
70.0			2.2	1.8	
75.0				1.7	
Critical boom angle(°)	54	56	56	57	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HE

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	12.0	11.4	10.4	9.1	
42.0	11.8	10.7	9.8	8.7	
44.0	11.0	10.1	9.3	8.3	
46.0	10.3	9.5	8.8	7.9	7.2
48.0	9.7	9.0	8.4	7.6	7.0
50.0	9.1	8.5	8.0	7.3	6.8
55.0	8.0	7.6	7.2	6.7	
60.0	6.9	6.8	6.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.5		
40.0	12.0	12.0	10.9	9.3	
42.0	12.0	11.5	10.3	8.9	
44.0	11.4	10.8	9.8	8.5	
46.0	10.4	10.2	9.3	8.1	7.3
48.0	9.5	9.7	8.9	7.8	7.1
50.0	8.6	9.2	8.5	7.5	6.9
55.0	6.8	7.5	7.6	7.0	6.6
60.0	5.3	5.8	6.3	6.6	
65.0	3.9	4.3	4.5		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.8		
40.0	12.0	12.0	11.2	9.4	
42.0	11.4	12.0	10.6	9.0	
44.0	10.3	11.4	10.1	8.6	
46.0	9.3	10.5	9.6	8.3	7.3
48.0	8.4	9.5	9.2	8.0	7.1
50.0	7.5	8.6	8.8	7.7	7.0
55.0	5.7	6.5	7.4	7.1	6.6
60.0	4.1	4.8	5.5	6.3	
65.0	2.8	3.3	3.7	4.1	
70.0	1.6	1.9			
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	12.0		
40.0	11.7	12.0	11.8		
42.0	10.5	12.0	11.3	9.2	
44.0	9.4	10.9	10.8	8.9	
46.0	8.4	9.8	10.3	8.6	
48.0	7.5	8.8	9.8	8.3	7.2
50.0	6.6	7.9	9.1	8.0	7.1
55.0	4.8	5.9	6.9	7.5	6.7
60.0	3.3	4.1	5.0	6.1	6.5
65.0	1.9	2.7	3.3	4.1	
70.0			1.8	2.3	
Critical boom angle(°)	38	42	43	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	8.0	8.0	8.0		
44.0	8.0	8.0	8.0	8.0	
46.0	7.7	8.0	8.0	8.0	
48.0	6.8	8.0	8.0	8.0	
50.0	5.9	7.4	8.0	8.0	6.3
55.0	4.1	5.3	6.5	7.7	6.2
60.0	2.5	3.6	4.6	5.9	6.1
65.0		2.1	2.9	4.0	4.5
70.0				2.2	
Critical boom angle(°)	50	51	53	53	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	7.5	7.5	7.5		
44.0	7.5	7.5	7.5	7.1	
46.0	7.3	7.5	7.5	7.0	
48.0	6.4	7.5	7.5	6.8	
50.0	5.6	7.1	7.5	6.7	5.2
55.0	3.7	5.0	6.2	6.5	5.1
60.0	2.2	3.3	4.3	5.7	5.1
65.0		1.8	2.7	3.8	4.5
70.0				2.2	2.5
Critical boom angle(°)	53	54	56	56	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	5.0	5.0	4.4	3.3	
48.0	5.0	5.0	4.3	3.3	
50.0	5.0	4.9	4.2	3.2	2.2
55.0	3.3	4.7	4.1	3.1	2.2
60.0	1.8	3.0	3.9	3.1	2.2
65.0			2.5	3.0	2.2
70.0				2.0	2.2
Critical boom angle(°)	56	59	59	59	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	4.0	3.4	2.8	1.9	
50.0	3.9	3.3	2.7	1.9	
55.0	3.1	3.1	2.6	1.8	
60.0		2.8	2.5	1.8	
65.0			2.3	1.8	
70.0				1.8	
Critical boom angle(°)	60	60	60	61	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HF

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	12.0	11.4	10.4	9.1	
42.0	11.8	10.7	9.8	8.7	
44.0	11.0	10.1	9.3	8.3	
46.0	10.3	9.5	8.8	7.9	7.2
48.0	9.7	9.0	8.4	7.6	7.0
50.0	9.0	8.5	8.0	7.3	6.8
55.0	7.4	7.6	7.2	6.7	
60.0	6.0	6.3	6.5		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.5		
40.0	12.0	12.0	10.9	9.3	
42.0	11.0	11.5	10.3	8.9	
44.0	10.1	10.8	9.8	8.5	
46.0	9.2	10.0	9.3	8.1	7.3
48.0	8.3	9.2	8.9	7.8	7.1
50.0	7.5	8.4	8.5	7.5	6.9
55.0	5.8	6.5	7.2	7.0	6.6
60.0	4.3	4.9	5.4	5.9	
65.0	3.1	3.4	3.6		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HF

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	12.0	12.0	11.8		
40.0	11.2	12.0	11.2	9.4	
42.0	10.0	11.3	10.6	9.0	
44.0	9.0	10.3	10.1	8.6	
46.0	8.1	9.3	9.6	8.3	7.3
48.0	7.2	8.4	9.2	8.0	7.1
50.0	6.4	7.5	8.5	7.7	7.0
55.0	4.7	5.5	6.4	7.1	6.6
60.0	3.2	3.9	4.6	5.4	
65.0	1.9	2.4	2.9	3.3	
Critical boom angle(°)	25	28	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	11.6	12.0	12.0		
40.0	10.3	12.0	11.8		
42.0	9.2	10.8	11.3	9.2	
44.0	8.1	9.7	10.8	8.9	
46.0	7.2	8.6	9.9	8.6	
48.0	6.3	7.7	9.0	8.3	7.2
50.0	5.5	6.8	8.0	8.0	7.1
55.0	3.8	4.9	5.9	7.3	6.7
60.0	2.3	3.2	4.1	5.2	5.9
65.0		1.8	2.5	3.3	
Critical boom angle(°)	44	44	46	49	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	8.0	8.0	8.0		
44.0	7.4	8.0	8.0	8.0	
46.0	6.5	8.0	8.0	8.0	
48.0	5.6	7.1	8.0	8.0	
50.0	4.8	6.2	7.6	8.0	6.3
55.0	3.1	4.3	5.5	7.0	6.2
60.0	1.6	2.7	3.6	4.9	5.8
65.0			2.1	3.1	3.7
Critical boom angle(°)	50	54	54	57	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	7.5	7.5	7.5		
44.0	7.1	7.5	7.5	7.1	
46.0	6.1	7.5	7.5	7.0	
48.0	5.2	6.8	7.5	6.8	
50.0	4.4	5.9	7.4	6.7	5.2
55.0	2.7	4.0	5.2	6.5	5.1
60.0		2.3	3.4	4.8	5.1
65.0			1.9	3.0	3.7
70.0					1.7
Critical boom angle(°)	57	57	57	60	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HF

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	5.0	5.0	4.4	3.3	
48.0	4.9	5.0	4.3	3.3	
50.0	4.1	4.9	4.2	3.2	2.2
55.0	2.3	3.7	4.1	3.1	2.2
60.0		2.1	3.2	3.1	2.2
65.0			1.6	2.9	2.2
70.0					1.8
Critical boom angle(°)	59	60	60	62	62
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HF

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	4.0	3.4	2.8	1.9	
50.0	3.8	3.3	2.7	1.9	
55.0		3.1	2.6	1.8	
60.0		1.8	2.5	1.8	
65.0				1.8	
Critical boom angle(°)	62	62	64	64	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HG

14.4m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
16.0	12.0				
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	11.8		
38.0	12.0	12.0	11.1		
40.0	11.4	11.4	10.4	9.1	
42.0	10.5	10.7	9.8	8.7	
44.0	9.6	10.1	9.3	8.3	
46.0	8.9	9.4	8.8	7.9	7.2
48.0	8.2	8.7	8.4	7.6	7.0
50.0	7.5	8.0	8.0	7.3	6.8
55.0	6.1	6.5	6.8	6.7	
60.0	5.0	5.2	5.4		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

19.55m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0	12.0			
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	12.0	12.0	12.0		
38.0	11.3	12.0	11.5		
40.0	10.2	11.2	10.9	9.3	
42.0	9.3	10.2	10.3	8.9	
44.0	8.4	9.3	9.8	8.5	
46.0	7.7	8.4	9.2	8.1	7.3
48.0	7.0	7.7	8.4	7.8	7.1
50.0	6.3	7.0	7.6	7.5	6.9
55.0	4.8	5.5	6.0	6.7	6.6
60.0	3.4	3.9	4.4	5.0	
65.0	2.2	2.5	2.8		
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

23.6m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	12.0				
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0	12.0		
34.0	12.0	12.0	12.0		
36.0	11.7	12.0	12.0		
38.0	10.5	11.7	11.8		
40.0	9.4	10.6	11.2	9.4	
42.0	8.5	9.5	10.6	9.0	
44.0	7.6	8.6	9.6	8.6	
46.0	6.9	7.8	8.7	8.3	7.3
48.0	6.0	7.0	7.8	8.0	7.1
50.0	5.3	6.3	7.1	7.7	7.0
55.0	3.7	4.5	5.4	6.2	6.6
60.0	2.3	3.0	3.6	4.5	
65.0		1.6	2.0	2.4	
Critical boom angle(°)	35	35	37	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

32m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	12.0				
22.0	12.0				
24.0	12.0				
26.0	12.0	12.0			
28.0	12.0	12.0			
30.0	12.0	12.0			
32.0	12.0	12.0			
34.0	12.0	12.0	12.0		
36.0	11.1	12.0	12.0		
38.0	9.9	11.3	12.0		
40.0	8.8	10.1	11.4		
42.0	7.8	9.1	10.3	9.2	
44.0	6.9	8.1	9.2	8.9	
46.0	6.0	7.3	8.3	8.6	
48.0	5.2	6.5	7.5	8.3	7.2
50.0	4.4	5.7	6.7	8.0	7.1
55.0	2.8	3.8	4.9	6.0	6.7
60.0		2.3	3.1	4.2	4.9
65.0			1.6	2.4	
Critical boom angle(°)	49	49	49	51	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

40m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	8.0				
22.0	8.0				
24.0	8.0				
26.0	8.0				
28.0	8.0	8.0			
30.0	8.0	8.0			
32.0	8.0	8.0			
34.0	8.0	8.0	8.0		
36.0	8.0	8.0	8.0		
38.0	8.0	8.0	8.0		
40.0	8.0	8.0	8.0		
42.0	7.2	8.0	8.0		
44.0	6.2	7.7	8.0	8.0	
46.0	5.3	6.9	8.0	8.0	
48.0	4.5	6.0	7.2	8.0	
50.0	3.7	5.1	6.4	7.8	6.3
55.0	2.1	3.3	4.5	5.9	6.2
60.0		1.7	2.7	4.0	4.9
65.0				2.2	2.8
Critical boom angle(°)	55	56	58	58	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

45m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	7.5				
22.0	7.5				
24.0	7.5				
26.0	7.5				
28.0	7.5	7.5			
30.0	7.5	7.5			
32.0	7.5	7.5			
34.0	7.5	7.5			
36.0	7.5	7.5	7.5		
38.0	7.5	7.5	7.5		
40.0	7.5	7.5	7.5		
42.0	6.8	7.5	7.5		
44.0	5.8	7.5	7.5	7.1	
46.0	4.9	6.6	7.5	7.0	
48.0	4.1	5.7	7.0	6.8	
50.0	3.3	4.8	6.2	6.5	5.2
55.0		3.0	4.2	5.8	5.1
60.0			2.5	3.9	4.9
65.0				2.1	2.8
Critical boom angle(°)	60	61	62	62	62
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

50m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	5.0				
24.0	5.0				
26.0	5.0				
28.0	5.0				
30.0	5.0	5.0			
32.0	5.0	5.0			
34.0	5.0	5.0			
36.0	5.0	5.0	5.0		
38.0	5.0	5.0	4.9		
40.0	5.0	5.0	4.8		
42.0	5.0	5.0	4.6		
44.0	5.0	5.0	4.5	3.4	
46.0	4.5	5.0	4.4	3.3	
48.0	3.7	5.0	4.3	3.3	
50.0	3.0	4.5	4.2	3.2	2.2
55.0		2.7	4.0	3.1	2.2
60.0			2.3	3.1	2.2
65.0				2.0	2.2
Critical boom angle(°)	64	65	65	66	66
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

53.9m Boom + 4.4m + 47m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	4.0				
24.0	4.0				
26.0	4.0				
28.0	4.0				
30.0	4.0	4.0			
32.0	4.0	4.0			
34.0	4.0	4.0			
36.0	4.0	4.0	3.3		
38.0	4.0	3.9	3.2		
40.0	4.0	3.8	3.1		
42.0	4.0	3.6	3.0		
44.0	4.0	3.5	2.9		
46.0	4.0	3.4	2.8	2.0	
48.0	3.5	3.4	2.8	1.9	
50.0		3.3	2.7	1.9	
55.0			2.6	1.8	
60.0				1.8	
Critical boom angle(°)	66	67	68	68	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HA

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.7	5.6	5.4	5.0	4.7
65.0	5.3	5.1	4.9	4.7	
70.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.4	7.0	6.5	6.0	
50.0	7.2	6.7	6.3	5.8	
55.0	6.6	6.2	5.9	5.5	5.1
60.0	6.1	5.8	5.6	5.2	4.8
65.0	5.7	5.5	5.2	4.8	
70.0	5.2	5.0	4.8		
75.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HA

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.3	7.6	7.1		
46.0	8.0	7.4	6.9	6.2	
48.0	7.7	7.1	6.7	6.0	
50.0	7.4	6.9	6.5	5.9	
55.0	6.8	6.4	6.0	5.6	5.1
60.0	6.3	6.0	5.7	5.3	4.8
65.0	5.9	5.6	5.4	4.9	4.7
70.0	5.5	5.3	5.0	4.7	
75.0	4.8	4.9	4.7		
Critical boom angle(°)	15	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.6	8.3	7.5		
44.0	8.6	8.0	7.3		
46.0	8.6	7.7	7.1		
48.0	8.3	7.5	6.9	6.1	
50.0	8.0	7.3	6.7	6.0	
55.0	7.4	6.8	6.3	5.7	5.2
60.0	6.8	6.3	5.9	5.5	4.9
65.0	6.4	6.0	5.6	5.2	4.7
70.0	5.2	5.7	5.4	4.9	4.6
75.0	3.9	4.5	5.0	4.7	
80.0	2.8	3.2	3.6		
85.0	1.8	2.0			
Critical boom angle(°)	18	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	6.0	6.0	6.0		
48.0	6.0	6.0	6.0	6.0	
50.0	6.0	6.0	6.0	6.0	
55.0	6.0	6.0	6.0	5.8	4.9
60.0	6.0	6.0	6.0	5.6	4.8
65.0	5.9	6.0	5.8	5.4	4.7
70.0	4.4	5.4	5.6	5.1	4.7
75.0	3.2	4.0	4.7	4.8	
80.0	2.1	2.7	3.3	3.9	
85.0		1.6	2.0		
Critical boom angle(°)	35	36	37	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HA

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.5	5.5	5.5		
48.0	5.5	5.5	5.5		
50.0	5.5	5.5	5.5	5.5	
55.0	5.5	5.5	5.5	5.3	
60.0	5.5	5.5	5.5	5.1	3.8
65.0	5.5	5.5	5.5	5.0	3.8
70.0	4.0	5.0	5.5	4.9	3.8
75.0	2.8	3.6	4.4	4.9	3.8
80.0	1.7	2.4	3.1	3.8	
85.0			1.8	2.3	
Critical boom angle(°)	40	44	44	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HA

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	4.1	3.9	3.3	2.3	
55.0	4.1	3.7	3.1	2.2	
60.0	4.0	3.5	2.9	2.1	
65.0	3.8	3.3	2.8	2.0	
70.0	3.2	3.2	2.7	2.0	
75.0	2.4	3.0	2.7	2.0	
80.0		2.1	2.6	2.0	
85.0			1.6	2.0	
Critical boom angle(°)	47	47	48	50	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

Specification HA

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0	2.9	2.4	1.8		
55.0	2.7	2.2	1.7		
60.0	2.5	2.0	1.6		
65.0	2.3	1.9			
70.0	2.0	1.9			
75.0		1.8			
Critical boom angle(°)	53	54	67		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		

## Specification HB

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.7	5.6	5.4	5.0	4.7
65.0	5.3	5.1	4.9	4.7	
70.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.4	7.0	6.5	6.0	
50.0	7.2	6.7	6.3	5.8	
55.0	6.6	6.2	5.9	5.5	5.1
60.0	6.1	5.8	5.6	5.2	4.8
65.0	5.7	5.5	5.2	4.8	
70.0	5.2	5.0	4.8		
75.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.3	7.6	7.1		
46.0	8.0	7.4	6.9	6.2	
48.0	7.7	7.1	6.7	6.0	
50.0	7.4	6.9	6.5	5.9	
55.0	6.8	6.4	6.0	5.6	5.1
60.0	6.3	6.0	5.7	5.3	4.8
65.0	5.9	5.6	5.4	4.9	4.7
70.0	5.2	5.3	5.0	4.7	
75.0	4.0	4.3	4.6		
Critical boom angle(°)	15	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.6	8.3	7.5		
44.0	8.6	8.0	7.3		
46.0	8.6	7.7	7.1		
48.0	8.3	7.5	6.9	6.1	
50.0	8.0	7.3	6.7	6.0	
55.0	7.4	6.8	6.3	5.7	5.2
60.0	6.8	6.3	5.9	5.5	4.9
65.0	5.7	6.0	5.6	5.2	4.7
70.0	4.3	5.1	5.4	4.9	4.6
75.0	3.1	3.7	4.3	4.7	
80.0	2.0	2.5	2.9		
Critical boom angle(°)	23	27	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	6.0	6.0	6.0		
48.0	6.0	6.0	6.0	6.0	
50.0	6.0	6.0	6.0	6.0	
55.0	6.0	6.0	6.0	5.8	4.9
60.0	6.0	6.0	6.0	5.6	4.8
65.0	4.9	6.0	5.8	5.4	4.7
70.0	3.6	4.5	5.3	5.1	4.7
75.0	2.4	3.2	3.9	4.7	
80.0		2.0	2.5	3.1	
Critical boom angle(°)	41	42	43	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.5	5.5	5.5		
48.0	5.5	5.5	5.5		
50.0	5.5	5.5	5.5	5.5	
55.0	5.5	5.5	5.5	5.3	
60.0	5.5	5.5	5.5	5.1	3.8
65.0	4.5	5.5	5.5	5.0	3.8
70.0	3.2	4.2	5.1	4.9	3.8
75.0	2.0	2.8	3.6	4.6	3.8
80.0		1.7	2.3	3.0	
85.0				1.6	
Critical boom angle(°)	44	46	47	47	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HB

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	4.1	3.9	3.3	2.3	
55.0	4.1	3.7	3.1	2.2	
60.0	4.0	3.5	2.9	2.1	
65.0	3.8	3.3	2.8	2.0	
70.0	2.8	3.2	2.7	2.0	
75.0	1.6	2.5	2.7	2.0	
80.0			2.1	2.0	
Critical boom angle(°)	49	52	52	54	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HB

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0	2.9	2.4	1.8		
55.0	2.7	2.2	1.7		
60.0	2.5	2.0	1.6		
65.0	2.3	1.9			
70.0	2.0	1.9			
75.0		1.8			
Critical boom angle(°)	53	54	67		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		

## Specification HC

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.7	5.6	5.4	5.0	4.7
65.0	5.3	5.1	4.9	4.7	
70.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.4	7.0	6.5	6.0	
50.0	7.2	6.7	6.3	5.8	
55.0	6.6	6.2	5.9	5.5	5.1
60.0	6.1	5.8	5.6	5.2	4.8
65.0	5.7	5.5	5.2	4.8	
70.0	5.2	5.0	4.8		
75.0	4.2				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HC

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.3	7.6	7.1		
46.0	8.0	7.4	6.9	6.2	
48.0	7.7	7.1	6.7	6.0	
50.0	7.4	6.9	6.5	5.9	
55.0	6.8	6.4	6.0	5.6	5.1
60.0	6.3	6.0	5.7	5.3	4.8
65.0	5.6	5.6	5.4	4.9	4.7
70.0	4.3	4.9	5.0	4.7	
75.0	3.2	3.5	3.8		
Critical boom angle(°)	15	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.6	8.3	7.5		
44.0	8.6	8.0	7.3		
46.0	8.6	7.7	7.1		
48.0	8.3	7.5	6.9	6.1	
50.0	8.0	7.3	6.7	6.0	
55.0	7.4	6.8	6.3	5.7	5.2
60.0	6.3	6.3	5.9	5.5	4.9
65.0	4.7	5.6	5.6	5.2	4.7
70.0	3.4	4.2	4.9	4.9	4.6
75.0	2.3	2.9	3.5	4.1	
80.0		1.7	2.1		
Critical boom angle(°)	33	33	35	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HC

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	6.0	6.0	6.0		
48.0	6.0	6.0	6.0	6.0	
50.0	6.0	6.0	6.0	6.0	
55.0	6.0	6.0	6.0	5.8	4.9
60.0	5.5	6.0	6.0	5.6	4.8
65.0	4.0	5.1	5.8	5.4	4.7
70.0	2.7	3.6	4.5	5.1	4.7
75.0	1.6	2.3	3.1	3.9	
80.0			1.8	2.4	
Critical boom angle(°)	43	45	45	46	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53		0.53		0.53
Parts of line	1		1		1

## Specification HC

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.5	5.5	5.5		
48.0	5.5	5.5	5.5		
50.0	5.5	5.5	5.5	5.5	
55.0	5.5	5.5	5.5	5.3	
60.0	5.1	5.5	5.5	5.1	3.8
65.0	3.6	4.7	5.5	5.0	3.8
70.0	2.3	3.3	4.2	4.9	3.8
75.0		2.0	2.8	3.8	3.8
80.0				2.3	
Critical boom angle(°)	49	49	52	52	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53		0.53		0.53
Parts of line	1		1		1

## Specification HC

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	4.1	3.9	3.3	2.3	
55.0	4.1	3.7	3.1	2.2	
60.0	4.0	3.5	2.9	2.1	
65.0	3.2	3.3	2.8	2.0	
70.0	1.9	3.0	2.7	2.0	
75.0		1.7	2.6	2.0	
80.0				2.0	
Critical boom angle(°)	51	53	55	55	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HC

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0	2.9	2.4	1.8		
55.0	2.7	2.2	1.7		
60.0	2.5	2.0	1.6		
65.0	2.3	1.9			
70.0	1.7	1.9			
Critical boom angle(°)	54	57	67		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		



# Operation of 54m HL jib Lifting Capacity Chart

## Specification HD

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.7	5.6	5.4	5.0	4.7
65.0	5.3	5.1	4.9	4.7	
70.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.4	7.0	6.5	6.0	
50.0	7.2	6.7	6.3	5.8	
55.0	6.6	6.2	5.9	5.5	5.1
60.0	6.1	5.8	5.6	5.2	4.8
65.0	5.7	5.5	5.2	4.8	
70.0	4.5	4.9	4.8		
75.0	3.4				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton		for 12ton		for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.3	7.6	7.1		
46.0	8.0	7.4	6.9	6.2	
48.0	7.7	7.1	6.7	6.0	
50.0	7.4	6.9	6.5	5.9	
55.0	6.8	6.4	6.0	5.6	5.1
60.0	6.1	6.0	5.7	5.3	4.8
65.0	4.7	5.4	5.4	4.9	4.7
70.0	3.5	4.0	4.5	4.7	
75.0	2.4	2.7	3.0		
Critical boom angle(°)	20	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.6	8.3	7.5		
44.0	8.6	8.0	7.3		
46.0	8.6	7.7	7.1		
48.0	8.3	7.5	6.9	6.1	
50.0	8.0	7.3	6.7	6.0	
55.0	6.9	6.8	6.3	5.7	5.2
60.0	5.2	6.3	5.9	5.5	4.9
65.0	3.8	4.7	5.6	5.2	4.7
70.0	2.6	3.3	4.0	4.9	4.6
75.0		2.1	2.6	3.2	
Critical boom angle(°)	39	39	41	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	6.0	6.0	6.0		
48.0	6.0	6.0	6.0	6.0	
50.0	6.0	6.0	6.0	6.0	
55.0	6.0	6.0	6.0	5.8	4.9
60.0	4.5	5.7	6.0	5.6	4.8
65.0	3.1	4.1	5.2	5.4	4.7
70.0	1.8	2.8	3.6	4.7	4.7
75.0			2.2	3.1	
80.0				1.6	
Critical boom angle(°)	47	50	50	50	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.5	5.5	5.5		
48.0	5.5	5.5	5.5		
50.0	5.5	5.5	5.5	5.5	
55.0	5.5	5.5	5.5	5.3	
60.0	4.1	5.4	5.5	5.1	3.8
65.0	2.7	3.8	4.9	5.0	3.8
70.0		2.4	3.4	4.6	3.8
75.0			2.0	3.0	3.5
Critical boom angle(°)	53	53	54	56	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HD

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	4.1	3.9	3.3	2.3	
55.0	4.1	3.7	3.1	2.2	
60.0	3.7	3.5	2.9	2.1	
65.0	2.3	3.3	2.8	2.0	
70.0		2.1	2.7	2.0	
75.0			1.8	2.0	
Critical boom angle(°)	55	56	56	59	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

## Specification HD

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0	2.9	2.4	1.8		
55.0	2.7	2.2	1.7		
60.0	2.5	2.0	1.6		
65.0	2.0	1.9			
70.0		1.9			
Critical boom angle(°)	57	58	67		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		



# Operation of 54m HL jib Lifting Capacity Chart

## Specification HE

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.7	5.6	5.4	5.0	4.7
65.0	5.3	5.1	4.9	4.7	
70.0	4.8				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.4	7.0	6.5	6.0	
50.0	7.2	6.7	6.3	5.8	
55.0	6.6	6.2	5.9	5.5	5.1
60.0	5.7	5.8	5.6	5.2	4.8
65.0	4.4	4.9	5.2	4.8	
70.0	3.2	3.6	4.0		
75.0	2.2				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HE

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.3	7.6	7.1		
46.0	8.0	7.4	6.9	6.2	
48.0	7.7	7.1	6.7	6.0	
50.0	7.4	6.9	6.5	5.9	
55.0	6.2	6.4	6.0	5.6	5.1
60.0	4.6	5.5	5.7	5.3	4.8
65.0	3.3	4.0	4.7	4.9	4.7
70.0	2.2	2.7	3.2	3.8	
75.0			1.8		
Critical boom angle(°)	28	33	34	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.6	8.3	7.5		
44.0	8.6	8.0	7.3		
46.0	8.6	7.7	7.1		
48.0	8.0	7.5	6.9	6.1	
50.0	7.1	7.3	6.7	6.0	
55.0	5.3	6.5	6.3	5.7	5.2
60.0	3.7	4.8	5.8	5.5	4.9
65.0	2.4	3.3	4.2	5.2	4.7
70.0		2.0	2.7	3.7	4.1
75.0				2.0	
Critical boom angle(°)	45	45	48	48	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	6.0	6.0	6.0		
48.0	6.0	6.0	6.0	6.0	
50.0	6.0	6.0	6.0	6.0	
55.0	4.5	6.0	6.0	5.8	4.9
60.0	3.0	4.2	5.4	5.6	4.8
65.0	1.7	2.7	3.7	5.1	4.7
70.0			2.3	3.4	4.1
75.0				1.9	
Critical boom angle(°)	51	55	55	55	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HE

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.5	5.5	5.5		
48.0	5.5	5.5	5.5		
50.0	5.5	5.5	5.5	5.5	
55.0	4.1	5.5	5.5	5.3	
60.0	2.6	3.9	5.2	5.1	3.8
65.0		2.4	3.5	5.0	3.8
70.0			2.1	3.3	3.8
75.0				1.8	2.3
Critical boom angle(°)	56	57	57	58	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HE

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	4.1	3.9	3.3	2.3	
55.0	3.8	3.7	3.1	2.2	
60.0	2.2	3.5	2.9	2.1	
65.0		2.1	2.8	2.0	
70.0			1.8	2.0	
75.0				1.7	
Critical boom angle(°)	58	59	60	61	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

Specification HE

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0	2.9	2.4	1.8		
55.0	2.7	2.2	1.7		
60.0	1.9	2.0	1.6		
65.0		1.9			
Critical boom angle(°)	60	61	67		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		

## Specification HF

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.7	5.6	5.4	5.0	4.7
65.0	5.1	5.1	4.9	4.7	
70.0	4.0				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.4	7.0	6.5	6.0	
50.0	7.2	6.7	6.3	5.8	
55.0	6.2	6.2	5.9	5.5	5.1
60.0	4.8	5.5	5.6	5.2	4.8
65.0	3.5	4.1	4.6	4.8	
70.0	2.5	2.8	3.2		
Critical boom angle(°)	18	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HF

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.3	7.6	7.1		
46.0	8.0	7.4	6.9	6.2	
48.0	7.7	7.1	6.7	6.0	
50.0	6.9	6.9	6.5	5.9	
55.0	5.1	6.2	6.0	5.6	5.1
60.0	3.7	4.6	5.4	5.3	4.8
65.0	2.4	3.2	3.9	4.8	4.7
70.0		1.9	2.4	3.0	
Critical boom angle(°)	37	37	38	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HF

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.6	8.3	7.5		
44.0	8.6	8.0	7.3		
46.0	7.7	7.7	7.1		
48.0	6.8	7.5	6.9	6.1	
50.0	6.0	7.3	6.7	6.0	
55.0	4.3	5.5	6.3	5.7	5.2
60.0	2.8	3.9	4.9	5.5	4.9
65.0		2.5	3.3	4.5	4.7
70.0			1.9	2.9	3.3
Critical boom angle(°)	50	50	51	52	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	6.0	6.0	6.0		
48.0	6.0	6.0	6.0	6.0	
50.0	5.3	6.0	6.0	6.0	
55.0	3.5	4.9	6.0	5.8	4.9
60.0	2.1	3.3	4.5	5.6	4.8
65.0		1.9	2.9	4.3	4.7
70.0				2.6	3.4
Critical boom angle(°)	54	56	59	59	61
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HF

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.5	5.5	5.5		
48.0	5.5	5.5	5.5		
50.0	4.9	5.5	5.5	5.5	
55.0	3.1	4.6	5.5	5.3	
60.0	1.7	3.0	4.2	5.1	3.8
65.0		1.6	2.6	4.1	3.8
70.0				2.5	3.3
75.0					1.6
Critical boom angle(°)	57	58	61	62	62
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HF

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	4.1	3.9	3.3	2.3	
55.0	2.8	3.7	3.1	2.2	
60.0		2.7	2.9	2.1	
65.0			2.4	2.0	
70.0				2.0	
Critical boom angle(°)	62	63	63	64	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

Specification HF

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0	2.9	2.4	1.8		
55.0	2.5	2.2	1.7		
60.0		2.0	1.6		
Critical boom angle(°)	64	65	67		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		

## Specification HG

14.4m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
18.0	9.3				
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.2	8.9			
30.0	9.0	8.8			
32.0	8.8	8.7			
34.0	8.8	8.6			
36.0	8.8	8.5	7.9		
38.0	8.7	8.1	7.6		
40.0	8.3	7.8	7.3		
42.0	7.9	7.5	7.0		
44.0	7.6	7.2	6.8		
46.0	7.3	6.9	6.6	6.1	
48.0	7.0	6.7	6.4	5.9	
50.0	6.8	6.5	6.2	5.8	
55.0	6.2	6.0	5.7	5.5	5.0
60.0	5.3	5.6	5.4	5.0	4.7
65.0	4.2	4.5	4.8	4.7	
70.0	3.2				
Critical boom angle(°)	10	20	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

19.55m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.2				
24.0	9.2				
26.0	9.2				
28.0	9.0	8.9			
30.0	9.0	8.9			
32.0	8.9	8.9			
34.0	8.9	8.8			
36.0	8.9	8.7	8.0		
38.0	8.8	8.4	7.7		
40.0	8.7	8.0	7.5		
42.0	8.3	7.7	7.2		
44.0	8.0	7.5	7.0		
46.0	7.7	7.2	6.7	6.2	
48.0	7.3	7.0	6.5	6.0	
50.0	6.7	6.7	6.3	5.8	
55.0	5.2	5.9	5.9	5.5	5.1
60.0	3.8	4.5	5.2	5.2	4.8
65.0	2.7	3.2	3.8	4.5	
70.0	1.7	2.0	2.4		
Critical boom angle(°)	25	28	30	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1



## Specification HG

23.6m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
20.0	9.3				
22.0	9.3				
24.0	9.2				
26.0	9.2				
28.0	9.2	9.1			
30.0	9.0	8.9			
32.0	8.9	8.8			
34.0	8.9	8.7			
36.0	8.9	8.6	8.1		
38.0	8.8	8.5	7.8		
40.0	8.7	8.2	7.6		
42.0	8.6	7.9	7.3		
44.0	8.0	7.6	7.1		
46.0	7.3	7.4	6.9	6.2	
48.0	6.5	7.1	6.7	6.0	
50.0	5.8	6.8	6.5	5.9	
55.0	4.1	5.2	6.0	5.6	5.1
60.0	2.8	3.6	4.5	5.3	4.8
65.0	1.6	2.3	3.0	4.0	4.5
70.0			1.6	2.2	
Critical boom angle(°)	39	42	42	45	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

32m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	9.0				
24.0	9.0				
26.0	9.0				
28.0	9.0				
30.0	9.0	8.8			
32.0	9.0	8.7			
34.0	8.9	8.7			
36.0	8.8	8.6			
38.0	8.8	8.6	8.0		
40.0	8.7	8.6	7.7		
42.0	8.3	8.3	7.5		
44.0	7.4	8.0	7.3		
46.0	6.5	7.7	7.1		
48.0	5.7	7.1	6.9	6.1	
50.0	4.9	6.3	6.7	6.0	
55.0	3.2	4.5	5.7	5.7	5.2
60.0	1.9	2.9	4.0	5.3	4.9
65.0		1.6	2.5	3.7	4.5
70.0				2.1	2.5
Critical boom angle(°)	51	52	55	55	60
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

40m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
22.0	6.0				
24.0	6.0				
26.0	6.0				
28.0	6.0				
30.0	6.0				
32.0	6.0	6.0			
34.0	6.0	6.0			
36.0	6.0	6.0			
38.0	6.0	6.0	6.0		
40.0	6.0	6.0	6.0		
42.0	6.0	6.0	6.0		
44.0	6.0	6.0	6.0		
46.0	5.8	6.0	6.0		
48.0	5.0	6.0	6.0	6.0	
50.0	4.2	5.8	6.0	6.0	
55.0	2.5	3.9	5.3	5.8	4.9
60.0		2.4	3.5	5.1	4.8
65.0			2.0	3.4	4.4
70.0				1.8	2.6
Critical boom angle(°)	58	59	60	61	63
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

## Specification HG

45m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	5.5				
26.0	5.5				
28.0	5.5				
30.0	5.5				
32.0	5.5	5.5			
34.0	5.5	5.5			
36.0	5.5	5.5			
38.0	5.5	5.5			
40.0	5.5	5.5	5.5		
42.0	5.5	5.5	5.5		
44.0	5.5	5.5	5.5		
46.0	5.4	5.5	5.5		
48.0	4.6	5.5	5.5		
50.0	3.8	5.5	5.5	5.5	
55.0		3.6	5.1	5.3	
60.0			3.3	5.0	3.8
65.0			1.8	3.3	3.8
70.0				1.7	2.5
Critical boom angle(°)	63	64	64	65	65
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	for 12ton
Hook mass(ton)	0.53	0.53	0.53	0.53	0.53
Parts of line	1	1	1	1	1

Specification HG

50m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	4.1				
26.0	4.1				
28.0	4.1				
30.0	4.1				
32.0	4.1	4.0			
34.0	4.1	4.0			
36.0	4.1	4.0			
38.0	4.1	4.0			
40.0	4.1	4.0	3.8		
42.0	4.1	4.0	3.7		
44.0	4.1	4.0	3.6		
46.0	4.1	4.0	3.5		
48.0	4.1	4.0	3.4		
50.0	3.4	3.9	3.3	2.3	
55.0		3.3	3.1	2.2	
60.0			2.9	2.1	
65.0				2.0	
Critical boom angle(°)	66	67	68	69	
Standard hook	for 12ton	for 12ton	for 12ton	for 12ton	
Hook mass(ton)	0.53	0.53	0.53	0.53	
Parts of line	1	1	1	1	

Specification HG

53.9m Boom + 4.4m + 54m HL Jib

Offset	10°	20°	30°	45°	60°
Working radius (m)	Load (ton)	Load (ton)	Load (ton)	Load (ton)	Load (ton)
24.0	3.5				
26.0	3.5				
28.0	3.5				
30.0	3.5				
32.0	3.5				
34.0	3.5	3.3			
36.0	3.5	3.1			
38.0	3.5	3.0			
40.0	3.5	2.9	2.2		
42.0	3.4	2.8	2.1		
44.0	3.3	2.7	2.0		
46.0	3.2	2.5	2.0		
48.0	3.0	2.5	1.9		
50.0		2.4	1.8		
55.0		2.2	1.7		
60.0			1.6		
Critical boom angle(°)	68	69	70		
Standard hook	for 12ton	for 12ton	for 12ton		
Hook mass(ton)	0.53	0.53	0.53		
Parts of line	1	1	1		