

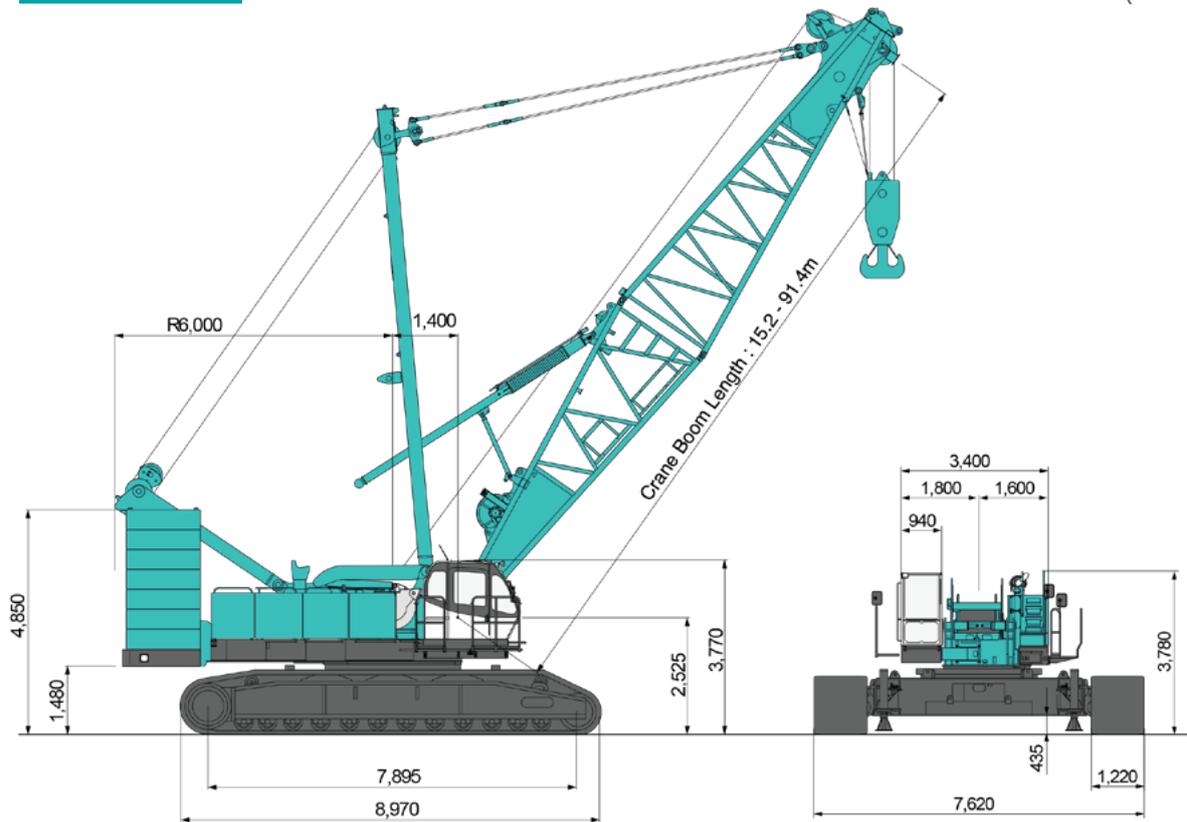
UNIVERSAL CRANES

KOBELCO CKE2500

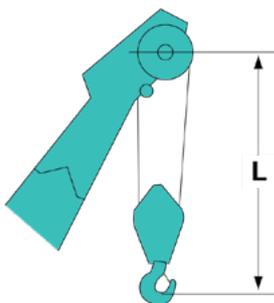
250 TONNE

Crane Boom

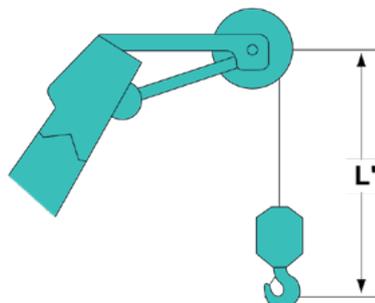
(Unit: mm)



Limit of Hook Lifting



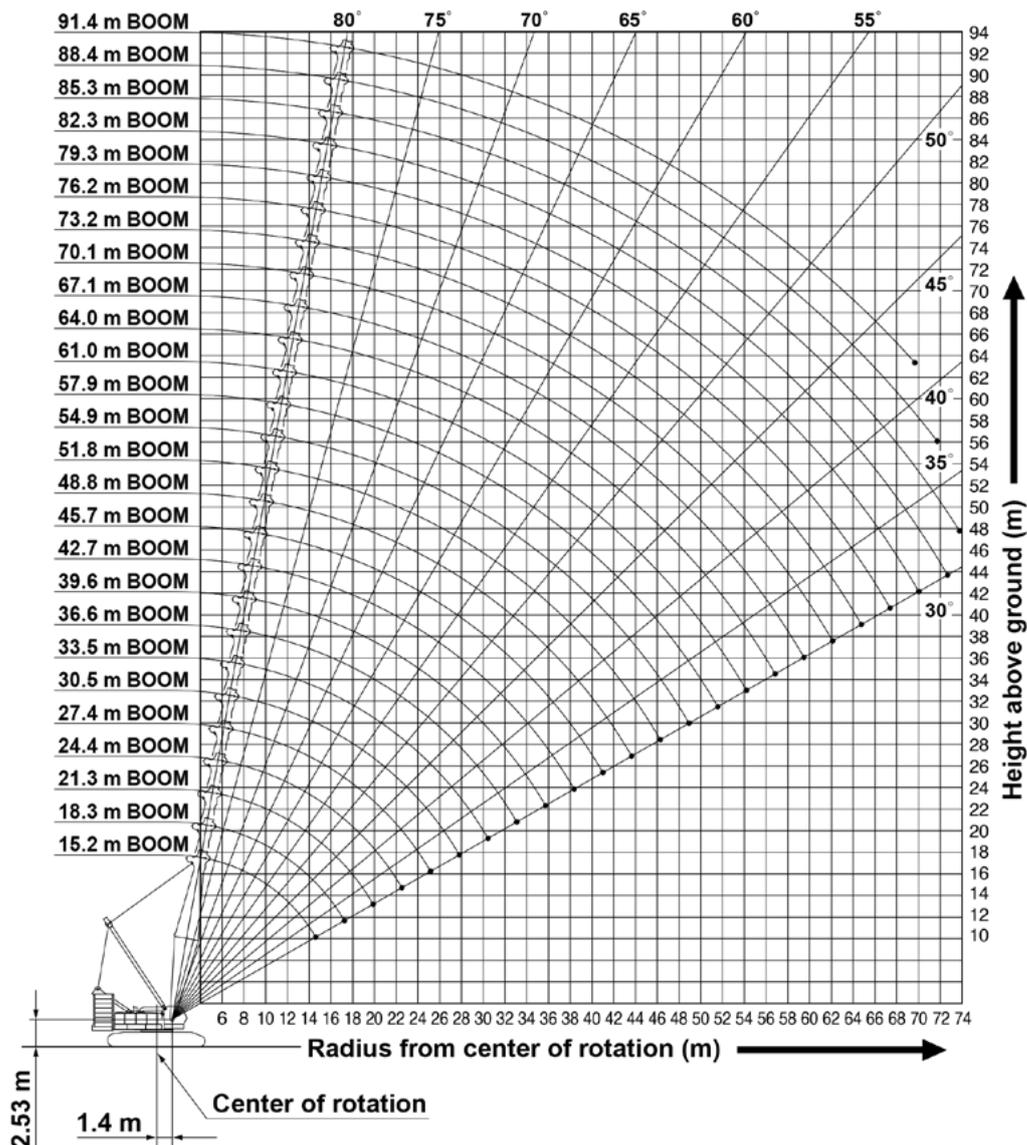
Hook	L
250 t hook	5.3 m
150 t hook	5.9 m
70 t hook	4.9 m
35 t hook	4.7 m



Hook	L'
35 t hook	3.8 m
13.5 t ball hook	3.5 m

Working Ranges and Lifting Capacities

Crane Boom Working Ranges



NOTES:

1. Ratings according to EN13000.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. Operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
6. Ratings are for operation on a firm and level surface, up to 1% gradient.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Boom inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Boom hoist reeving is 16 part line.
10. Gantry must be in raised position for all conditions.
11. Boom backstops are required for all boom lengths.
12. The boom should be erected over the front of crawlers, not laterally.
13. Ratings shown in are determined by the strength of the boom or other structural component.
14. When erecting or lowering the boom length of 88.4 m or over, the pillow plate for erection must be placed at the end of crawlers.
15. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.
16. Crane boom ratings: Deduct weight of hook block, slings, and all other load handling accessories from crane boom ratings shown.
17. Auxiliary sheave ratings for crane boom: Deduct weight of hook block, slings, and all other load handling accessories from auxiliary sheave ratings for crane boom shown.
18. Crane boom lengths for auxiliary sheave mounting are 15.2 m to 88.4 m.

Crane Boom Lifting Capacity

Unit: metric ton
Counterweight: 90.0 t, Carbody weight: 24.0 t

Boom Length (m) Working radius (m)	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	Boom Length (m) Working radius (m)
4.6	4.6m/250.0													4.6
5.0	230.7	226.7	5.5m/205.0											5.0
6.0	191.5	191.5	191.1	6.1m/183.0	6.6m/174.5									6.0
7.0	165.9	165.6	165.2	165.0	164.7	7.1m/154.2	7.7m/143.8							7.0
8.0	146.1	145.8	145.4	145.2	144.9	144.6	141.4	8.2m/127.3	8.7m/115.7					8.0
9.0	130.4	130.1	129.8	129.6	129.2	127.0	127.3	123.8	114.8	9.2m/107.2	9.8m/98.3			9.0
10.0	117.7	117.4	117.1	116.9	114.7	115.0	113.3	110.5	107.4	103.8	97.0	10.3m/92.6	10.8m/84.7	10.0
12.0	90.0	90.2	90.2	90.2	90.2	90.1	90.0	89.9	87.8	85.9	83.8	82.0	79.5	12.0
14.0	72.2	72.4	72.4	72.4	72.3	72.2	72.1	72.0	72.0	72.0	70.8	69.4	68.0	14.0
16.0	14.8m/65.7	60.2	60.2	60.2	60.0	59.9	59.8	59.8	59.7	59.6	59.4	59.3	58.7	16.0
18.0		17.5m/53.5	51.3	51.3	51.1	51.1	50.9	50.8	50.7	50.7	50.4	50.3	50.2	18.0
20.0			44.6	44.6	44.4	44.3	44.1	44.0	43.9	43.9	43.6	43.5	43.4	20.0
22.0			20.1m/44.3	39.3	39.1	39.0	38.7	38.7	38.6	38.5	38.3	38.2	38.0	22.0
24.0				22.7m/37.6	34.8	34.7	34.5	34.4	34.3	34.2	34.0	33.8	33.7	24.0
26.0					25.4m/32.3	31.3	30.9	30.8	30.7	30.7	30.4	30.3	30.1	26.0
28.0						28.3	28.0	27.9	27.8	27.7	27.4	27.3	27.1	28.0
30.0							25.5	25.4	25.2	25.2	24.9	24.8	24.6	30.0
32.0							30.7	23.4	23.1	23.0	22.7	22.6	22.4	32.0
34.0								33.3m/22.1	21.2	21.1	20.8	20.7	20.5	34.0
36.0									35.9m/19.7	19.5	19.2	19.1	18.9	36.0
38.0										18.0	17.7	17.6	17.4	38.0
40.0										38.6m/17.6	16.4	16.3	16.1	40.0
42.0											41.2m/15.7	15.2	14.9	42.0
44.0												43.9m/14.2	13.9	44.0
46.0													13.0	46.0
48.0													46.5m/12.8	48.0
Reeves	22	18	16	14	14	12	12	10	10	8	8	7	7	Reeves

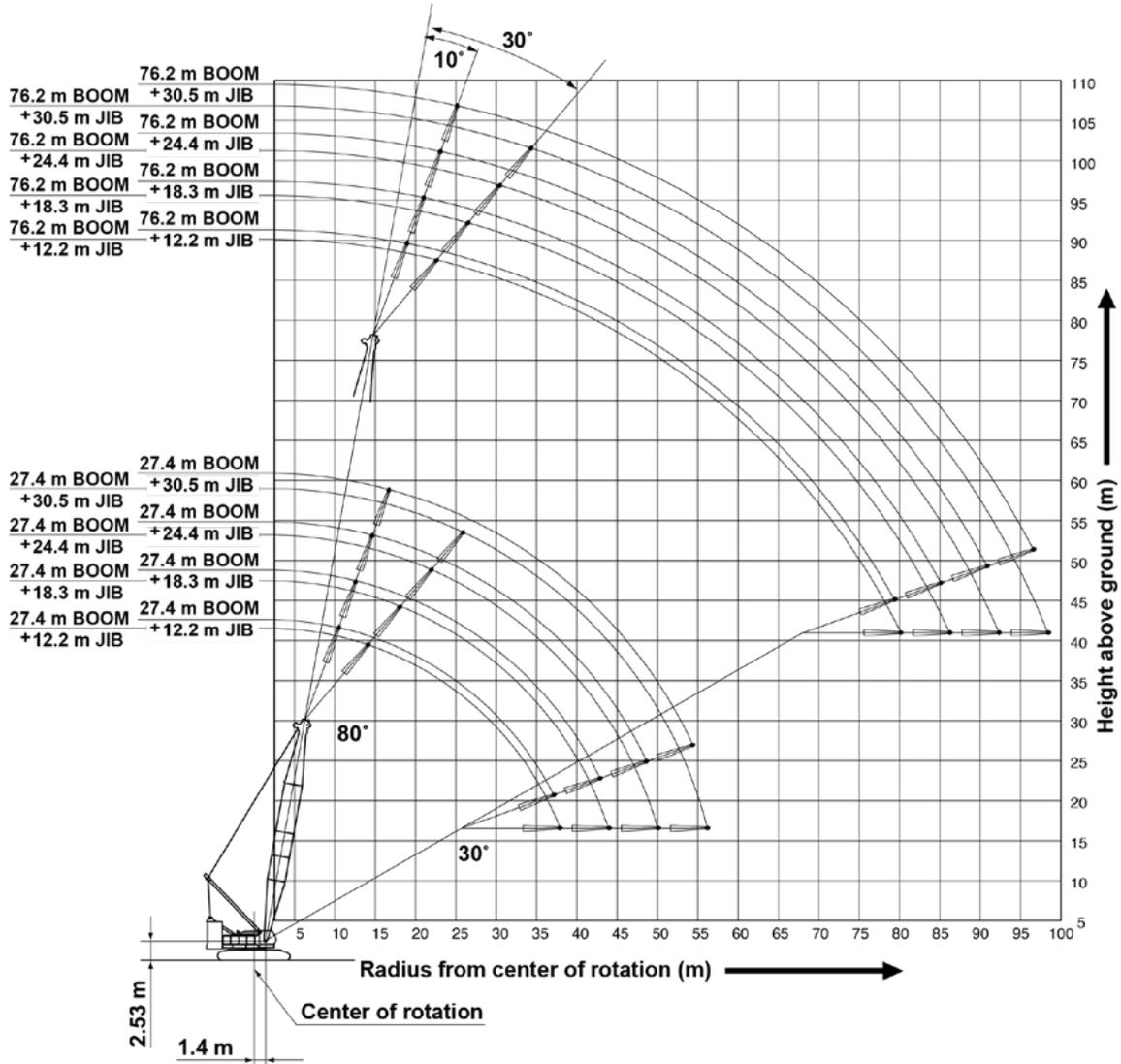
Boom Length (m) Working radius (m)	54.9	57.9	61.0	64.0	67.1	70.1	73.2	76.2	79.3	82.3	85.3	88.4	91.4	Boom Length (m) Working radius (m)
10.0	11.4m/81.4	11.9m/76.1												10.0
12.0	78.0	75.5	12.4m/68.8	12.9m/67.5	13.5m/63.8									12.0
14.0	66.5	65.2	63.3	62.5	61.3	59.4	14.5m/54.5	15.1m/49.1	15.6m/44.7					14.0
16.0	57.5	56.4	55.4	54.2	53.2	51.2	51.1	48.4	44.5	16.1m/40.9	16.6m/37.4	17.2m/33.8	17.7m/31.0	16.0
18.0	50.0	49.5	48.6	47.6	46.8	45.6	44.9	44.2	43.2	39.7	36.6	33.3	30.9	18.0
20.0	43.2	43.0	42.9	42.2	41.5	40.6	39.9	39.2	38.4	37.6	35.4	32.2	29.8	20.0
22.0	37.8	37.7	37.5	37.3	37.2	36.5	35.7	35.1	34.4	33.6	32.9	31.2	28.8	22.0
24.0	33.5	33.3	33.2	32.9	32.9	32.6	32.2	31.6	30.9	30.2	29.6	29.2	27.7	24.0
26.0	29.9	29.7	29.6	29.4	29.3	29.0	28.9	28.6	28.0	27.3	26.8	26.3	25.7	26.0
28.0	26.9	26.8	26.6	26.4	26.3	26.0	25.9	25.8	25.4	24.8	24.3	23.9	23.3	28.0
30.0	24.4	24.2	24.1	23.8	23.7	23.5	23.3	23.2	23.0	22.6	22.1	21.7	21.2	30.0
32.0	22.2	22.0	21.9	21.6	21.5	21.3	21.1	21.0	20.8	20.5	20.2	19.8	19.3	32.0
34.0	20.3	20.1	20.0	19.7	19.6	19.4	19.2	19.1	18.9	18.6	18.4	18.1	17.6	34.0
36.0	18.6	18.5	18.3	18.1	17.9	17.7	17.5	17.4	17.2	16.9	16.8	16.6	16.1	36.0
38.0	17.2	17.0	16.9	16.6	16.5	16.2	16.0	15.9	15.7	15.4	15.3	15.2	14.7	38.0
40.0	15.9	15.7	15.5	15.3	15.2	14.9	14.7	14.6	14.4	14.1	13.9	13.8	13.5	40.0
42.0	14.7	14.5	14.4	14.1	14.0	13.7	13.5	13.4	13.2	12.9	12.8	12.7	12.4	42.0
44.0	13.7	13.5	13.3	13.0	12.9	12.6	12.5	12.3	12.1	11.8	11.7	11.6	11.3	44.0
46.0	12.7	12.5	12.4	12.1	12.0	11.7	11.5	11.4	11.2	10.9	10.7	10.6	10.4	46.0
48.0	11.9	11.6	11.5	11.2	11.1	10.8	10.7	10.5	10.3	10.0	9.8	9.7	9.4	48.0
50.0	49.1m/11.4	10.9	10.7	10.4	10.3	10.0	9.9	9.7	9.5	9.1	8.9	8.8	8.5	50.0
52.0		51.8m/10.2	10.0	9.7	9.6	9.3	9.1	8.9	8.7	8.3	8.1	8.0	7.7	52.0
54.0			9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.6	7.4	7.2	7.0	54.0
56.0			54.4m/9.2	8.4	8.3	7.9	7.7	7.5	7.2	6.9	6.7	6.5	6.3	56.0
58.0				57.1m/8.1	7.7	7.3	7.1	6.9	6.6	6.3	6.1	5.9	5.6	58.0
60.0					59.7m/7.2	6.7	6.5	6.3	6.0	5.7	5.5	5.3	5.0	60.0
62.0						6.2	6.0	5.8	5.5	5.1	4.9	4.8	4.5	62.0
64.0							62.3m/6.1	5.5	5.3	5.0	4.6	4.4	4.0	64.0
66.0								65.0m/5.3	4.8	4.5	4.2	4.0	3.8	66.0
68.0									67.6m/4.5	4.1	3.7	3.5	3.3	68.0
70.0										3.7	3.3	3.1	2.9	70.0
72.0										70.2m/3.6	2.9	2.7	2.5	72.0
74.0											72.9m/2.8	2.4		74.0
Reeves	7	6	6	5	5	5	5	4	4	4	3	3	3	Reeves

Note: Ratings according to EN13000.

Ratings shown in are determined by the strength of the boom or other structural components. Refer to notes P12.

Fixed Jib Working Ranges

Jib Offset Angle: 10°, 30°



NOTES:

1. Ratings according to EN13000.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. Operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
6. Ratings are for operation on a firm and level surface, up to 1% gradient.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Boom/ jib inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Boom hoist reeving is 16 part line.
10. Gantry must be in raised position for all conditions.
11. Boom backstops are required for all boom lengths.
12. The boom should be erected over the front of crawlers, not laterally.
13. Ratings shown in are determined by the strength of the boom or other structural component.
14. When erecting or lowering the boom length of 76.2 m, the pillow plate for erection must be placed at the end of crawlers.
15. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.
16. Fixed jib ratings: Deduct weight of jib hook block, slings, and all other load handling accessories from fixed jib ratings shown.
17. Crane boom lengths for fixed jib mounting are 27.4 m to 76.2 m.

Fixed Jib Lifting Capacities (Without Main Hook)

Unit: metric ton

Counterweight: 90.0 t, Carbody weight: 24.0 t

Jib Offset Angle: 10°

Boom length (m)		27.4				36.6				45.7				54.9				Boom length (m)	
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)	
10.0	10.4 m/27.0																	10.0	
12.0	25.5	12.5 m/21.2			26.6				13.6 m/26.5									12.0	
14.0	24.3	20.4	14.6 m/12.1		25.5	14.1 m/21.2			26.3	15.7 m/21.2			15.2 m/26.4					14.0	
16.0	23.0	19.3	11.8	16.7 m/6.8	24.5	20.3	16.2 m/12.1		25.4	21.0	17.8 m/12.1		26.2	17.3 m/21.1				16.0	
18.0	21.8	18.4	11.2	6.5	23.6	19.4	11.7	18.3 m/6.8	24.6	20.2	12.1	19.9 m/6.7	25.4	20.9	19.4 m/12.1			18.0	
20.0	20.7	17.5	10.7	6.2	22.7	18.6	11.2	6.5	23.8	19.5	11.6	6.7	24.7	20.2	12.0	21.5 m/6.8		20.0	
22.0	19.8	16.8	10.3	5.9	21.9	17.9	10.8	6.2	23.0	18.8	11.3	6.4	23.9	19.5	11.6	6.7		22.0	
24.0	18.9	16.1	9.9	5.6	21.2	17.2	10.4	5.9	22.2	18.1	10.9	6.2	23.2	18.9	11.3	6.4		24.0	
26.0	18.1	15.4	9.4	5.3	20.5	16.6	10.1	5.7	21.5	17.5	10.5	5.9	22.5	18.3	10.9	6.2		26.0	
28.0	17.3	14.3	9.1	5.1	19.8	16.1	9.7	5.4	20.7	17.0	10.2	5.7	21.9	17.8	10.6	6.0		28.0	
30.0	16.7	13.4	8.7	4.9	19.1	15.5	9.4	5.2	20.0	16.5	9.9	5.5	21.3	17.3	10.3	5.8		30.0	
34.0	15.5	11.9	8.1	4.5	17.8	13.8	8.7	4.8	18.6	15.6	9.3	5.1	20.1	16.4	9.8	5.4		34.0	
38.0	37.1 m/14.5	10.7	7.6	4.2	16.4	12.4	8.2	4.5	17.1	14.0	8.8	4.8	17.4	15.6	9.2	5.1		38.0	
42.0		9.8	7.1	3.9	15.3	11.3	7.7	4.2	15.5	12.8	8.3	4.5	14.9	14.2	8.8	4.8		42.0	
46.0		42.9 m/9.7	6.8	3.7	45.1 m/14.4	10.5	7.3	4.0	13.6	11.8	7.9	4.2	12.8	13.1	8.3	4.5		46.0	
50.0			48.6 m/6.6	3.5		9.8	7.0	3.8	11.9	11.0	7.5	4.0	11.1	11.6	8.0	4.3		50.0	
54.0				3.2		50.8 m/9.6	6.7	3.6	53.0 m/10.9	10.3	7.2	3.8	9.7	10.1	7.6	4.1		54.0	
58.0				54.3 m/3.1			56.5 m/6.5	3.4		9.7	6.9	3.7	8.5	8.9	7.3	3.9		58.0	
62.0								3.2		58.7 m/9.6	6.7	3.5	60.9 m/7.8	7.8	7.1	3.7		62.0	
66.0									62.3 m/3.1			64.4 m/6.5	3.4	6.9	6.8	3.6		66.0	
70.0													3.1		66.6 m/6.8	6.5	3.5	70.0	
74.0														70.2 m/3.1		72.4 m/6.1	3.4	74.0	
78.0																	3.2	78.0	
82.0																	78.1 m/3.2	82.0	
Reeves	2	2	1	1	2	2	1	1	2	2	1	1	2	2	1	1		Reeves	

Boom length (m)		64.0				73.2				76.2				Boom length (m)	
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)	
16.0	16.8 m/26.5														16.0
18.0	26.0	18.9 m/21.1			18.4 m/26.4				18.9 m/26.4						18.0
20.0	25.3	20.7	21.0 m/12.1		25.9	20.5 m/21.1			26.1	21.0 m/21.1					20.0
22.0	24.7	20.1	11.9	23.0 m/6.7	25.3	20.6	22.5 m/12.1		25.5	20.8	23.1 m/12.0				22.0
24.0	24.1	19.5	11.6	6.6	24.7	20.0	11.8	24.6 m/6.7	24.9	20.2	11.9	25.2 m/6.7			24.0
26.0	23.5	19.0	11.3	6.4	24.2	19.5	11.5	6.5	24.4	19.7	11.6	6.6			26.0
28.0	23.0	18.4	11.0	6.2	23.7	19.0	11.2	6.3	23.9	19.2	11.3	6.4			28.0
30.0	22.4	18.0	10.7	6.0	22.6	18.5	11.0	6.2	21.7	18.7	11.1	6.2			30.0
34.0	19.8	17.1	10.2	5.6	18.9	17.7	10.5	5.8	18.3	17.9	10.6	5.9			34.0
38.0	16.6	16.3	9.7	5.3	15.8	16.3	10.0	5.5	15.5	15.9	10.1	5.6			38.0
42.0	14.1	14.5	9.2	5.0	13.3	13.8	9.6	5.2	13.0	13.5	9.7	5.3			42.0
46.0	12.0	12.5	8.8	4.7	11.2	11.7	9.2	4.9	10.9	11.4	9.3	5.0			46.0
50.0	10.3	10.7	8.4	4.5	9.5	10.0	8.8	4.7	9.2	9.7	8.9	4.8			50.0
54.0	8.9	9.3	8.0	4.3	8.1	8.5	8.4	4.5	7.8	8.2	8.5	4.5			54.0
58.0	7.7	8.1	7.7	4.1	6.9	7.3	7.8	4.3	6.5	7.0	7.6	4.4			58.0
62.0	6.6	7.0	7.5	3.9	5.8	6.2	6.8	4.1	5.5	5.9	6.5	4.2			62.0
66.0	5.7	6.1	6.6	3.8	4.9	5.3	5.8	4.0	4.6	5.0	5.5	4.0			66.0
70.0	68.8 m/5.1	5.3	5.7	3.6	4.1	4.5	5.0	3.8	3.7	4.1	4.7	3.9			70.0
74.0		4.6	5.0	3.5	3.4	3.7	4.3	3.7	3.0	3.4	4.0	3.7			74.0
78.0		74.6 m/4.5	4.3	3.4	76.7 m/2.9	3.1	3.6	3.6	2.4	2.8	3.3	3.5			78.0
82.0			80.3 m/4.0	3.4		2.5	3.0	3.3	79.4 m/2.2	2.2	2.7	3.0			82.0
86.0				3.2		82.5 m/2.5	2.5	2.7		85.1 m/1.8	2.2	2.5			86.0
90.0							88.2 m/2.2	2.1			1.7	2.0			90.0
94.0								93.9 m/1.8			90.8 m/1.5	1.6			94.0
98.0												96.6 m/1.3			98.0
Reeves	2	2	1	1	2	2	1	1	2	2	1	1			Reeves

Note: Ratings according to EN13000. Ratings shown in are determined by the strength of the boom or other structural components. Refer to notes P21.



Unit: metric ton

Jib Offset Angle: 30°

Counterweight: 90.0 t, Carbody weight: 24.0 t

Boom length (m)		27.4				36.6				45.7				54.9				Boom length (m)	
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)	
Working radius (m)	14.0	14.1 m/19.3				15.7 m/19.3												14.0	
	16.0	18.7				19.2				17.3 m/19.2								16.0	
	18.0	17.9	13.5			18.7	19.6 m/13.5			19.1				18.9 m/19.2				18.0	
	20.0	16.8	13.5	21.9 m/8.2		18.1	13.5			18.7	21.2 m/13.5			19.0				20.0	
	22.0	15.9	13.1	8.2		17.2	13.5	23.5 m/8.1			18.2	13.5			18.6	22.8 m/13.5		22.0	
	24.0	15.2	12.6	7.9	25.9 m/4.4	16.4	13.1	8.1			17.4	13.4	25.1 m/8.1		18.2	13.5		24.0	
	26.0	14.5	12.0	7.6	4.4	15.7	12.8	7.9	27.5 m/4.3	16.7	13.2	8.0		17.6	13.4	26.7 m/8.1		26.0	
	28.0	13.9	11.4	7.4	4.2	15.1	12.3	7.6	4.3	16.1	12.9	7.8	29.0 m/4.4	17.0	13.2	8.0		28.0	
	30.0	13.4	10.9	7.2	4.1	14.6	11.8	7.4	4.2	15.6	12.5	7.6	4.3	16.4	12.9	7.8	30.6 m/4.3	30.0	
	34.0	12.7	10.0	6.8	3.8	13.7	10.9	7.1	4.0	14.6	11.6	7.3	4.1	15.5	12.2	7.5	4.2	34.0	
	38.0	37.9 m/12.4	9.4	6.5	3.7	13.0	10.2	6.8	3.8	13.9	10.9	7.0	3.9	14.7	11.5	7.2	4.0	38.0	
	42.0		9.0	6.2	3.5	12.6	9.6	6.5	3.6	13.3	10.3	6.7	3.7	14.0	10.9	6.9	3.8	42.0	
	46.0		44.0 m/8.9	6.1	3.3	45.8 m/12.4	9.2	6.3	3.5	12.8	9.8	6.5	3.6	13.2	10.4	6.7	3.7	46.0	
	50.0			6.1	3.3		8.9	6.1	3.4	12.1	9.4	6.3	3.5	11.4	9.9	6.5	3.6	50.0	
	54.0			50.1 m/6.1	3.0		51.9 m/8.9	6.1	3.3	53.7 m/10.7	9.1	6.2	3.4	9.9	9.5	6.4	3.5	54.0	
	58.0				56.2 m/2.8			6.1	3.1		8.9	6.1	3.3	8.6	9.2	6.2	3.4	58.0	
	62.0								2.9		59.8 m/8.9	6.1	3.3	61.6 m/7.6	8.2	6.1	3.3	62.0	
	66.0									64.1 m/2.8			65.9 m/6.1	3.1	7.2	6.0	3.2	66.0	
	70.0												2.9		67.7 m/6.8	6.0	3.2	70.0	
	74.0													72.0 m/2.8		73.8 m/6.0	3.1	74.0	
78.0																2.9	78.0		
82.0																79.9 m/2.8	82.0		
Reeves	2	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	Reeves		

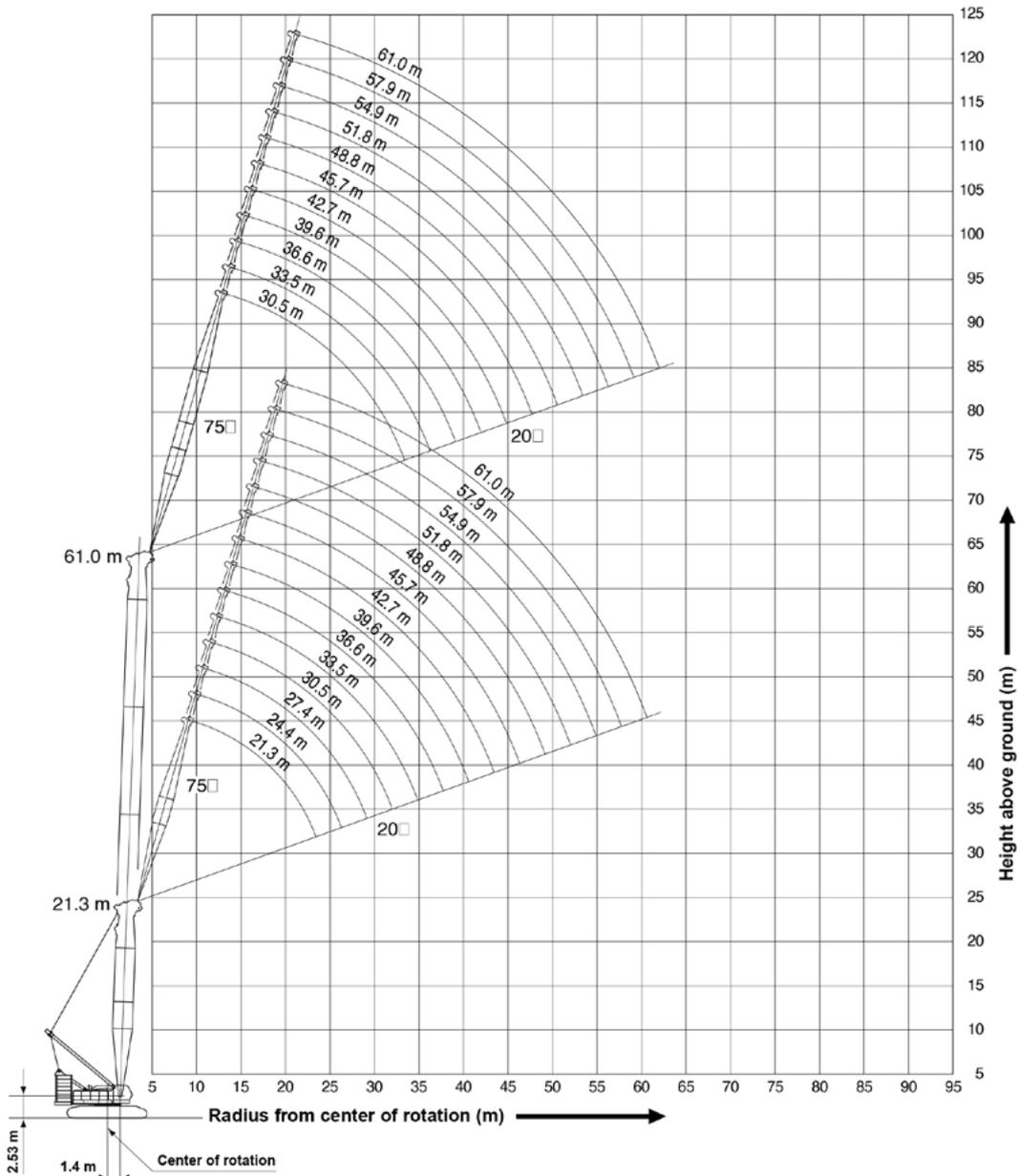
Boom length (m)		64.0				73.2				76.2				Boom length (m)	
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)	
Working radius (m)	20.0	20.5 m/19.2													20.0
	22.0	18.9				19.1				22.6 m/19.1					22.0
	24.0	18.6	24.4 m/13.5			18.8				18.9					24.0
	26.0	18.3	13.5			18.6	13.5			18.7	26.5 m/13.5				26.0
	28.0	17.7	13.4	28.3 m/8.1		18.3	13.5	29.9 m/8.1			18.4	13.5			28.0
	30.0	17.2	13.2	7.9	32.2 m/4.3	17.8	13.4	8.0	33.8 m/4.3	18.0	13.4	30.4 m/8.0			30.0
	34.0	16.2	12.8	7.6	4.2	16.8	13.0	7.8	4.3	17.0	13.1	7.8	34.3 m/4.3		34.0
	38.0	15.4	12.0	7.4	4.1	16.0	12.5	7.5	4.1	16.2	12.7	7.5	4.2		38.0
	42.0	14.6	11.4	7.1	3.9	13.9	11.9	7.3	4.0	13.6	12.0	7.3	4.0		42.0
	46.0	12.4	10.9	6.9	3.8	11.7	11.3	7.1	3.8	11.5	11.5	7.1	3.9		46.0
	50.0	10.7	10.4	6.7	3.7	10.0	10.9	6.9	3.7	9.7	10.6	6.9	3.8		50.0
	54.0	9.2	10.0	6.5	3.6	8.5	9.3	6.7	3.6	8.2	9.1	6.7	3.7		54.0
	58.0	7.9	8.7	6.4	3.4	7.2	8.0	6.5	3.5	6.9	7.7	6.6	3.5		58.0
	62.0	6.8	7.5	6.3	3.4	6.1	6.9	6.4	3.4	5.8	6.6	6.4	3.5		62.0
	66.0	5.8	6.5	6.1	3.3	5.1	5.8	6.3	3.4	4.8	5.6	6.1	3.4		66.0
	70.0	69.6 m/5.1	5.6	6.1	3.3	4.2	5.0	5.5	3.3	3.9	4.7	5.2	3.3		70.0
	74.0		4.8	5.3	3.2	3.4	4.2	4.7	3.3	3.2	3.9	4.4	3.3		74.0
	78.0		75.7 m/4.5	4.6	3.2	77.5 m/2.9	3.4	3.9	3.2	2.5	3.2	3.7	3.2		78.0
	82.0			81.8 m/3.9	3.0		2.8	3.3	3.2	80.1 m/2.2	2.5	3.0	3.2		82.0
	86.0				2.9		83.6 m/2.5	2.7	2.9		1.9	2.4	2.8		86.0
90.0				87.8 m/2.8			89.7 m/2.1	2.5		86.2 m/1.9	1.8	2.3		90.0	
94.0								2.0			92.3 m/1.5	1.8		94.0	
98.0									95.8 m/1.7			1.4		98.0	
100.0												98.4 m/1.3		100.0	
Reeves	2	1	1	1	2	1	1	1	2	1	1	1	Reeves		

Note: Ratings according to EN13000. Ratings shown in are determined by the strength of the boom or other structural components. Refer to notes P21.



Luffing Jib Working Ranges

Boom Angle: 88°

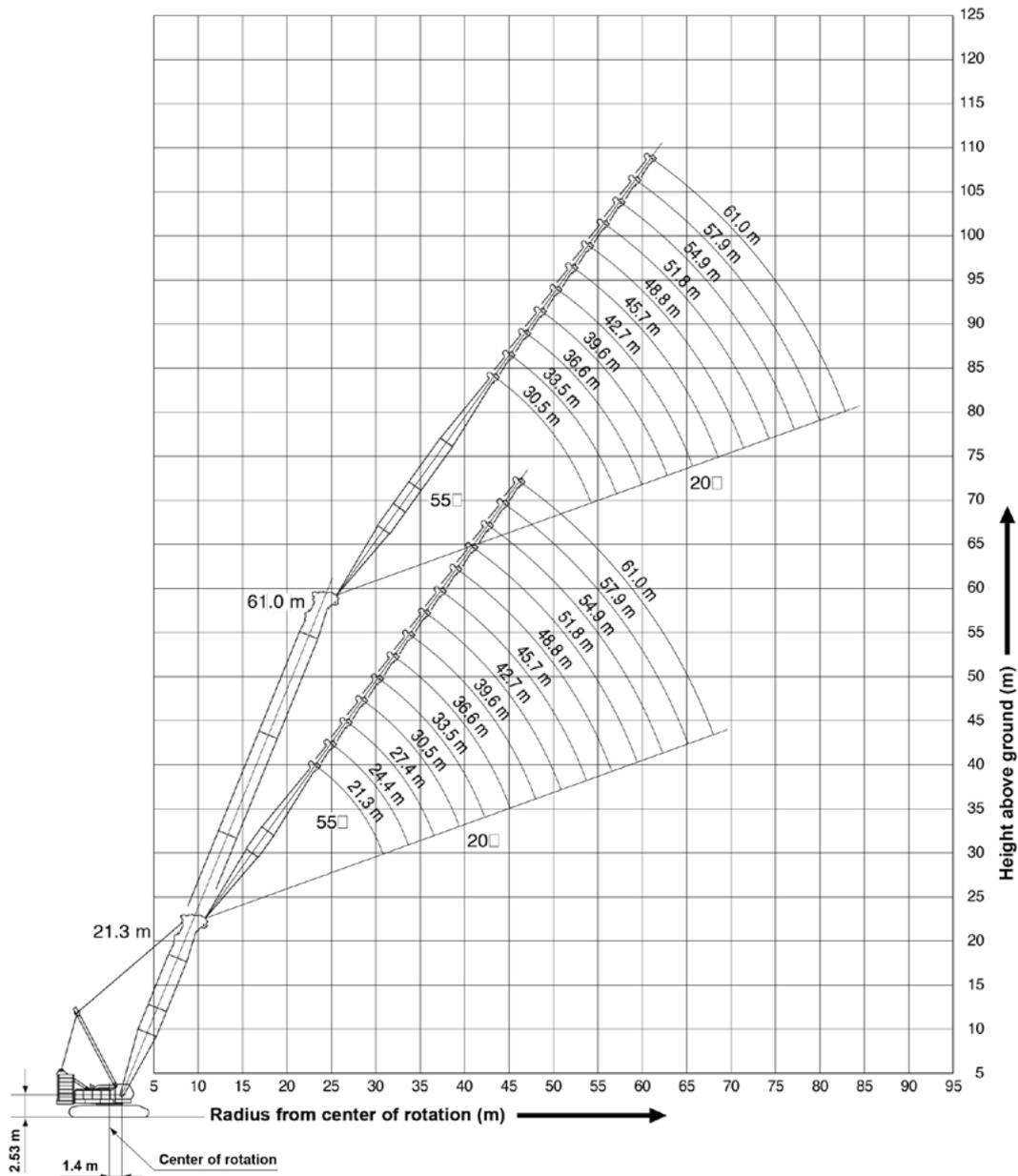


NOTES:

1. Ratings according to EN13000.
2. Ratings in metric tons for 360° working area.
3. Operating radius is the horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
4. Weight of hook block(s), slings and other load handling accessories is included in rated load. Their total weight must be subtracted from rated load to obtain weight that can be lifted.
5. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions out-of-level, operating speeds or any other condition that could be

6. Ratings are for operation on a firm and level surface, up to 1% gradient.
7. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
8. Boom/jib inserts and guy lines must be arranged as shown in the "Operator's Manual".
9. Luffing boom hoist reeving is 16 part line.
10. Luffing jib hoist reeving is 10 part line.

Boom Angle: 68°



11. Gantry must be in raised position for all conditions.
12. Boom and jib backstops are required for all boom and jib combinations.
13. Ratings shown in are determined by the strength of the boom or other structural component.
14. The boom should be erected over the front of crawlers, not laterally.
15. When erecting or lowering the boom length of 54.9 m or over, the pillow plate for erection must be placed at the end of crawlers.
16. Instruction in the "Operator's Manual" must be strictly observed when operating the machine.

17. All luffing jib ratings and luffing boom ratings with luffing jib shown are calculated in the condition equipped with the auxiliary sheave frame.
18. Luffing jib ratings: Deduct weight of jib hook block, slings, and all other load handling accessories from luffing jib ratings shown.
19. Luffing boom ratings with luffing jib: Deduct weight of main hook block, slings and all other load handling accessories from luffing boom ratings with luffing jib shown.

UNIVERSAL CRANES

KOBELCO CKE2500 250 TONNE

Unit: metric ton
Counterweight: 90.0 t, Carbody weight: 24.0 t

27.4 m Boom Length	27.4																
	45.7				51.8				57.9				61.0				
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	
18.0	28.7			25.7												18.0	
20.0	28.1			25.4				20.4								20.0	
22.0	27.5			24.5				20.1				18.1				22.0	
24.0	27.0	27.7		23.5				19.3				17.4				24.0	
26.0	26.5	27.2		22.4	22.8			18.4				16.6				26.0	
28.0	25.9	26.7		21.3	21.7			17.4	18.1			15.7	16.3			28.0	
30.0	24.7	26.2		20.2	20.7			16.5	17.1			14.9	15.5			30.0	
34.0	22.4	23.8		18.1	18.7			14.9	15.4			13.5	14.0			34.0	
38.0	20.4	20.7	40.0 m/17.5		16.2	16.8			13.5	14.0			12.2	12.7		38.0	
42.0	17.5	18.2	16.4		14.3	14.9	44.0 m/15.2		12.3	12.7			11.2	11.5		42.0	
46.0	13.8	16.2	14.6	14.1	12.5	13.2	14.3		11.2	11.6	48.0 m/12.2		10.2	10.6		46.0	
50.0		13.0	13.1	12.6	10.8	11.6	12.8	12.3	10.3	10.6	11.7		9.4	9.7	10.6	50.0	
54.0			11.8	11.4	52.0 m/10.0	9.9	11.5	11.1	9.4	9.8	10.7	10.8	8.6	8.9	9.8	56.0 m/9.7	54.0
58.0			56.0 m/11.3	10.3		56.0 m/9.1	10.4	10.0	8.4	9.0	9.9	9.8	8.0	8.3	9.0	9.3	58.0
62.0							9.0	9.1	7.6	9.1	8.9	9.8	7.3	7.6	8.4	8.6	62.0
66.0								64.0 m/8.7			8.1	8.1		64.0 m/7.3	7.8	8.0	66.0
70.0											68.0 m/7.5	7.4			7.1	7.3	70.0
74.0															72.0 m/6.5	6.5	74.0
Reeves	3				2				2				2				Reeves

33.5 m Boom Length	33.5																
	21.3				27.4				33.5				39.5				
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	
10.0	67.5															10.0	
12.0	65.3			63.5												12.0	
14.0	60.2			59.3				52.2								14.0	
16.0	55.1	58.1		55.1				50.9				39.5				16.0	
18.0	49.9	53.6		50.9	52.9			48.3				38.7				18.0	
20.0	44.8	47.0		46.7	46.9			45.6	46.5			37.5				20.0	
22.0	39.7	41.7		42.5	41.5			42.7	41.3			36.4	38.5			22.0	
24.0	31.2	37.3		37.6	37.2			38.2	37.0			34.9	36.8			24.0	
26.0		33.7		33.6	33.6			34.2	33.4			33.2	33.3			26.0	
28.0			27.7	28.5	30.7			30.8	30.5			31.5	30.3			28.0	
30.0			25.4	23.3	28.1	32.0 m/23.0		28.0	27.9			28.7	27.8			30.0	
34.0			21.7	21.0		32.0 m/26.0	21.3	21.8	23.9	36.0 m/19.6		24.1	23.8			34.0	
38.0			36.0 m/20.2	18.3			18.5	18.0	36.0 m/18.3	20.8	18.3	20.0	20.7	40.0 m/17.1		38.0	
42.0							40.0 m/17.4	15.9			16.1	15.6	14.9	18.2	16.0	44.0 m/14.4	42.0
46.0								44.0 m/14.9			14.3	13.8		44.0 m/17.1	14.3	13.6	46.0
50.0												12.4			12.8	12.2	50.0
54.0															52.0 m/12.1	11.0	54.0
58.0																56.0 m/10.5	58.0
Reeves	5				5				4				3				Reeves

33.5 m Boom Length	33.5																
	45.7				51.8				57.9				61.0				
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	
18.0	28.8			24.7												18.0	
20.0	28.1			24.4				19.8								20.0	
22.0	27.6			24.1				19.5				17.5				22.0	
24.0	27.0	27.9		23.2				19.2				17.3				24.0	
26.0	26.6	27.3		22.1	22.5			18.3				16.4				26.0	
28.0	25.9	26.8		21.1	21.4			17.3	18.0			15.6				28.0	
30.0	24.7	26.4		20.0	20.4			16.4	17.1			14.8	15.4			30.0	
34.0	22.4	23.6		18.0	18.4			14.8	15.4			13.4	13.9			34.0	
38.0	20.4	20.5		16.1	16.6			13.4	13.9			12.1	12.6			38.0	
42.0	17.8	18.0	44.0 m/14.9		14.3	14.8		12.2	12.6			11.1	11.5			42.0	
46.0	14.2	16.1	14.0	48.0 m/12.6	12.5	13.2	13.7		11.2	11.6			10.2	10.5		46.0	
50.0	48.0 m/12.2	13.9	12.5	12.0	10.9	11.6	12.3	52.0 m/11.0	10.2	10.6	11.6		9.4	9.7	52.0 m/10.1	50.0	
54.0			11.3	10.8	52.0 m/10.1	10.0	11.0	10.5	9.4	9.8	10.7	56.0 m/9.7	8.6	8.9	9.7	54.0	
58.0			10.3	9.8		56.0 m/9.2	10.0	9.4	8.5	9.0	9.7		8.0	8.2	9.0	9.1	58.0
62.0				8.9			9.0	8.6		7.8	8.8	8.3	7.3	7.6	8.3	8.2	62.0
66.0							64.0 m/8.4	7.8			8.0	7.6		64.0 m/7.3	7.7	7.5	66.0
70.0											7.0	6.9			7.0	6.8	70.0
74.0												6.3			6.0	6.2	74.0
78.0																76.0 m/5.9	78.0
70.0															68.0 m/8.0	7.4	70.0
Reeves	3				2				2				2				Reeves

Note: Ratings according to EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Refer to notes P25 and P26.

ANY LIFT, ANYWHERE, ANY TIME



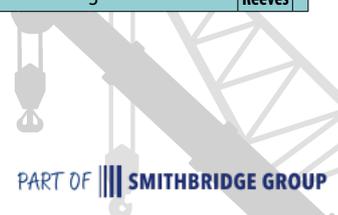
Unit: metric ton
Counterweight: 90.0 t, Carbody weight: 24.0 t

39.6 m Boom Length	39.6																	Reeves
	21.3				27.4				33.5				39.5				Reeves	
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves	
10.0	64.5																10.0	
12.0	60.6				54.0												12.0	
14.0	56.6				54.0			48.5									14.0	
16.0	52.7	57.7			53.0			48.1					37.4				16.0	
18.0	48.8	53.2			49.5	52.5		47.1					37.0				18.0	
20.0	44.8	46.6			46.1	46.5		44.8	46.1				36.6				20.0	
22.0	40.9	41.3			42.7	41.2		42.6	40.9				36.2	37.1			22.0	
24.0	32.4	37.0			38.0	36.9		38.2	36.6				35.0	36.5			24.0	
26.0		33.4			33.9	33.3		34.5	33.1				33.3	33.0			26.0	
28.0		30.4			29.2	30.4		31.1	30.2				31.5	30.0			28.0	
30.0			32.0 m/22.5		24.0	27.9		28.2	27.7				28.9	27.5			30.0	
34.0			20.9	36.0 m/18.6		23.8	20.4		22.3	23.6			24.2	23.5			34.0	
38.0			18.1	17.4			17.7	40.0 m/16.0	36.0 m/18.8	20.6	17.5		20.4	20.5			38.0	
42.0				40.0 m/16.3			15.6	15.0				15.4	44.0 m/13.8	15.4	18.0	15.3	42.0	
46.0							44.0 m/14.7	13.4				13.7	13.0		44.0 m/17.0	13.6	48.0 m/12.1	46.0
50.0												12.3	11.7			12.2	11.5	50.0
54.0													52.0 m/11.1			11.0	10.3	54.0
58.0																	9.4	58.0
Reeves			5				4				4				3			Reeves

39.6 m Boom Length	39.6																	Reeves
	45.7				51.8				57.9				61.0				Reeves	
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves	
18.0	28.8																18.0	
20.0	28.2				23.4				19.0								20.0	
22.0	27.6				23.2				18.7				16.9				22.0	
24.0	27.0	28.0			22.9				18.4				16.7				24.0	
26.0	26.6	27.5			21.9	22.1			18.1				16.3				26.0	
28.0	25.9	27.0			20.8	21.1			17.2				15.5				28.0	
30.0	24.7	26.5			19.8	20.1			16.3	17.0			14.7	15.4			30.0	
34.0	22.5	23.3			17.8	18.2			14.7	15.3			13.3	13.8			34.0	
38.0	20.4	20.3			15.9	16.4			13.3	13.8			12.1	12.5			38.0	
42.0	17.9	17.8			14.1	14.6			12.1	12.6			11.0	11.4			42.0	
46.0	14.5	15.9	13.3		12.5	13.0	48.0 m/12.3		11.1	11.5			10.1	10.4			46.0	
50.0	48.0 m/12.5	14.2	11.9	52.0 m/10.6	10.9	11.5	11.6		10.2	10.5	52.0 m/10.8		9.3	9.6			50.0	
54.0			10.7	10.1	9.2	10.0	10.4	56.0 m/9.3	9.4	9.7	10.2		8.6	8.9	9.6		54.0	
58.0			9.7	9.1		56.0 m/9.3	9.4	8.8	8.4	8.9	9.2	60.0 m/8.1	7.9	8.2	8.9		58.0	
62.0			60.0 m/9.3	8.3			8.6	8.0	60.0 m/7.7	7.7	8.3	7.7	6.7	7.6	8.2	7.6	62.0	
66.0				64.0 m/7.9			7.8	7.2			7.6	7.0		6.7	7.4	6.8	66.0	
70.0								6.6			6.9	6.3			6.8	6.2	70.0	
74.0											72.0 m/6.4	5.7			5.9	5.6	74.0	
78.0											76.0 m/5.5				76.0 m/5.4	5.1	78.0	
Reeves			3				2				2				2		Reeves	

45.7 m Boom Length	45.7																	Reeves
	21.3				27.4				33.5				39.5				Reeves	
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves	
12.0	54.0				49.0												12.0	
14.0	54.0				47.5				40.5								14.0	
16.0	53.0	54.0			46.0				40.5				35.2				16.0	
18.0	49.3	52.8			44.6				40.5				34.9				18.0	
20.0	45.4	46.2			43.1	45.7			40.5				34.6				20.0	
22.0	41.9	40.9			41.6	40.7			38.5	40.3			33.8				22.0	
24.0	33.4	36.6			38.2	36.5			36.4	36.4			32.6	35.0			24.0	
26.0		33.1			34.2	33.0			34.4	32.9			31.3	32.6			26.0	
28.0		30.1			29.8	30.1			31.3	30.0			30.1	29.6			28.0	
30.0					24.7	27.6			28.4	27.5			28.8	27.2			30.0	
34.0						23.6			22.7	23.5			24.4	23.3			34.0	
38.0			20.0						22.7	23.5			20.7	20.2			38.0	
42.0			17.3	16.4			16.9		36.0 m/19.3	20.4	40.0 m/15.6		15.7	17.8	44.0 m/13.7		42.0	
46.0			40.0 m/16.2	14.4			14.9	14.1			40.0 m/19.1	14.6		15.8	12.9		46.0	
50.0				44.0 m/13.6			13.2	12.6				13.0	12.3				50.0	
54.0								11.2				11.6	11.0			11.5	10.7	54.0
58.0												52.0 m/11.0	9.9			10.4	9.6	58.0
62.0												56.0 m/9.5				9.4	8.7	62.0
Reeves			4				4				3				3			Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
Refer to notes P25 and P26.



UNIVERSAL CRANES

KOBELCO CKE2500 250 TONNE

Unit: metric ton
Counterweight: 90.0 t, Carbody weight: 24.0 t

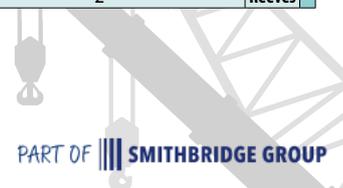
45.7 m Boom Length	45.7																Reeves
	45.7				51.8				57.9				61.0				Reeves
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves
18.0	28.1																18.0
20.0	27.8				22.4					18.3							20.0
22.0	27.5				22.1					18.0			16.3				22.0
24.0	27.1				21.8					17.7			16.1				24.0
26.0	26.6	27.6			21.5					17.4			15.9				26.0
28.0	26.0	27.1			20.6	20.8				17.1			15.4				28.0
30.0	24.7	26.6			19.6	19.8				16.2	17.0		14.6	15.3			30.0
34.0	22.5	23.0			17.6	17.9				14.6	15.3		13.2	13.8			34.0
38.0	20.4	20.0			15.8	16.1				13.2	13.8		12.0	12.5			38.0
42.0	18.0	17.6			14.0	14.5				12.1	12.5		10.9	11.4			42.0
46.0	14.7	15.6	48.0m/11.9		12.4	12.9				11.0	11.4		10.0	10.4			46.0
50.0	48.0m/12.8	14.0	11.3		10.8	11.4	52.0m/10.4			10.1	10.5		9.2	9.5			50.0
54.0		52.0m/13.3	10.1	9.3	9.2	10.0	9.8			9.3	9.7	9.6	8.5	8.8	56.0m/8.9		54.0
58.0			9.2	8.4		8.5	8.9	8.1		8.4	8.8	8.6	7.5	8.1	8.5		58.0
62.0			8.3	7.7			8.0	7.3	60.0m/7.7	7.7	7.8	7.0	5.6	7.5	7.7	64.0m/6.4	62.0
66.0			64.0m/8.0	7.0			7.3	6.6		64.0m/7.0	7.1	6.3		6.6	6.9	6.1	66.0
70.0							6.6	5.9			6.4	5.6			6.2	5.5	70.0
74.0								72.0m/5.6			5.8	5.1			5.6	4.9	74.0
78.0											4.6				4.8	4.4	78.0
82.0																4.0	82.0
Reeves		3				2					2			2			Reeves

51.8 m Boom Length	51.8																Reeves
	21.3				27.4				33.5				39.5				Reeves
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves
12.0	54.0				40.5												12.0
14.0	52.4				40.5					40.5							14.0
16.0	47.1				40.5					40.5			32.7				16.0
18.0	42.6	51.8			40.5					40.5			32.3				18.0
20.0	38.8	45.8			39.1	40.5				38.7			31.9				20.0
22.0	35.5	40.6			35.8	40.3				35.6	39.8		31.5				22.0
24.0	32.5	36.3			33.0	36.1				32.9	35.9		31.1	32.7			24.0
26.0		32.9			30.5	32.6				30.6	32.5		30.2	32.2			26.0
28.0		29.9			28.3	29.7				28.4	29.6		28.1	29.3			28.0
30.0					25.5	27.2				26.5	27.1		26.3	26.9			30.0
34.0			36.0m/17.7			23.3				23.2	23.2		23.2	23.0			34.0
38.0			16.5				40.0m/15.1			36.0m/19.9	20.2		20.6	19.9			38.0
42.0			14.5	13.6			14.1			40.0m/18.9	13.9		16.1	17.5			42.0
46.0				12.0			12.5	11.6			12.3			15.6	12.1		46.0
50.0							48.0m/11.9	10.4			11.0	10.2			10.8		50.0
54.0								52.0m/9.9			9.9	9.2			9.7	8.8	54.0
58.0												8.3			8.8	7.9	58.0
62.0															60.0m/8.4	7.2	62.0
66.0																64.0m/6.8	66.0
Reeves		4				3				3				3			Reeves

51.8 m Boom Length	51.8																Reeves
	45.7				51.8				57.9				61.0				Reeves
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves
18.0	26.2																18.0
20.0	25.9				21.2												20.0
22.0	25.7				20.9					17.3			15.7				22.0
24.0	25.4				20.6					17.0			15.4				24.0
26.0	25.1	26.0			20.3					16.7			15.1				26.0
28.0	24.8	25.7			20.0	20.5				16.4			14.8				28.0
30.0	24.5	25.4			19.4	19.5				16.1	16.9		14.5	32.0m/14.5			30.0
34.0	22.5	22.7			17.4	17.7				14.5	15.2		13.1	13.7			34.0
38.0	20.5	19.7			15.6	15.9				13.1	13.7		11.9	12.4			38.0
42.0	18.0	17.3			13.9	14.3				12.0	12.4		10.9	11.3			42.0
46.0	14.9	15.4			12.3	12.7				11.0	11.4		10.0	10.3			46.0
50.0	48.0m/13.0	13.8	10.6		10.7	11.3				10.1	10.4		9.2	9.5			50.0
54.0		52.0m/13.1	9.5		9.2	9.9	9.2			9.3	9.6		8.5	8.7			54.0
58.0			8.5	7.6		8.5	8.2			7.3	8.7	8.0	6.3	8.1	7.8		58.0
62.0			7.8	6.8			7.4	6.4	60.0m/6.4	7.6	7.1		4.4	7.5	6.9		62.0
66.0			7.1	6.1			6.7	5.8		64.0m/7.0	6.4	5.4		5.7	6.2	68.0m/4.9	66.0
70.0				5.6			6.1	5.2			5.8	4.8			5.6	4.7	70.0
74.0							72.0m/5.8	4.6			5.2	4.3			5.0	4.2	74.0
78.0								76.0m/4.4			4.7	3.9			4.5	3.7	78.0
82.0												3.5			80.0m/4.2	3.3	82.0
86.0																84.0m/3.1	86.0
Reeves		2				2				2				2			Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
Refer to notes P25 and P26.

ANY LIFT, ANYWHERE, ANY TIME



Unit: metric ton
Counterweight: 90.0 t, Carbody weight: 24.0 t

57.9 m Boom Length	57.9																Reeves
	21.3				27.4				33.5				39.5				Reeves
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves
12.0	40.5																12.0
14.0	38.4				39.5				37.2								14.0
16.0	35.4				35.7				35.5					27.0			16.0
18.0	33.0	40.5			32.4				32.3				27.0				18.0
20.0	30.0	37.3			29.6	36.3			29.6				27.0				20.0
22.0	27.5	33.7			27.2	33.0			27.2	32.8			27.0				22.0
24.0	25.2	30.7			25.1	30.2			25.1	30.1			25.0	27.0			24.0
26.0		28.0			23.3	27.7			23.3	27.6			23.2	27.0			26.0
28.0		25.7			21.6	25.5			21.7	25.5			21.6	25.3			28.0
30.0		23.6			20.1	23.6			20.2	23.6			20.1	23.5			30.0
34.0						20.4			17.7	20.5			17.7	20.4			34.0
38.0			15.8			36.0 m/19.0			36.0 m/16.5	17.9			15.6	17.9			38.0
42.0			13.8	44.0 m/11.8			13.6			15.7			13.8	15.8			42.0
46.0			44.0 m/13.0	11.2			12.0	48.0 m/10.2			11.7		14.0	48.0 m/10.7			46.0
50.0				48.0 m/10.5			10.8	9.7			10.4	52.0 m/8.8		48.0 m/13.2	10.1		50.0
54.0								8.7			9.4	8.3			9.1	56.0 m/7.4	54.0
58.0											56.0 m/8.9	7.4			8.2	7.0	58.0
62.0												60.0 m/7.0			7.4	6.3	62.0
66.0																5.7	66.0
Reeves			3				3				3				2		Reeves

57.9 m Boom Length	57.9																Reeves
	45.7				51.8				57.9				61.0				Reeves
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves
18.0	24.5																18.0
20.0	24.2				20.0												20.0
22.0	23.9				19.7				16.4				14.9				22.0
24.0	23.6				19.4				16.2				14.7				24.0
26.0	23.1	24.3			19.1				16.0				14.5				26.0
28.0	21.5	24.0			18.8				15.8				14.3				28.0
30.0	20.0	22.8			18.5	19.3			15.6	32.0 m/16.0			14.1	32.0 m/14.4			30.0
34.0	17.6	19.8			17.2	17.4			14.4	15.1			13.0	13.7			34.0
38.0	15.6	17.5			15.4	15.7			13.1	13.6			11.8	12.3			38.0
42.0	13.8	15.5			13.8	14.1			11.9	12.4			10.8	11.2			42.0
46.0	12.4	13.9			12.2	12.6			10.9	11.3			9.9	10.2			46.0
50.0	48.0 m/11.7	12.4	52.0 m/9.3		10.6	11.1			10.0	10.3			9.1	9.4			50.0
54.0		52.0 m/11.8	8.8		9.2	9.8	56.0 m/7.9		7.9	9.5			7.0	8.6			54.0
58.0			7.9	60.0 m/6.5		8.5	7.5		6.0	8.5	60.0 m/6.8		5.0	8.0			58.0
62.0			7.1	6.1		6.7	64.0 m/5.2		6.0	6.4	60.0 m/5.1	7.5	6.4	6.2			62.0
66.0			6.4	5.5		6.0	4.9		5.7	6.4	64.0 m/6.4	5.7	68.0 m/4.3	4.7	5.5		66.0
70.0			68.0 m/6.1	5.0		5.4	4.4				5.1	4.0		68.0 m/3.7	4.9	3.9	70.0
74.0				72.0 m/4.7		4.9	3.9				4.6	3.6			4.4	3.4	74.0
78.0							3.5				4.1	3.2			3.9	3.0	78.0
82.0											80.0 m/3.9	2.8			3.5	2.6	82.0
86.0												84.0 m/2.6					86.0
Reeves			2				2				2				2		Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
Refer to notes P25 and P26.



Unit: metric ton
Counterweight: 90.0 t, Carbody weight: 24.0 t

61.0m Boom Length	61.0																Reeves
	30.5				33.5				39.6				45.7				Reeves
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves
14.0	35.0				27.0												14.0
16.0	31.6				27.0				27.0								16.0
18.0	28.7				27.0				27.0				23.6				18.0
20.0	26.2				26.1				26.0				23.3				20.0
22.0	24.1	29.4			24.0				23.8				23.0				22.0
24.0	22.2	26.9			22.1	25.8			22.0				21.8				24.0
26.0	20.6	24.6			20.5	23.8			20.4	23.6			20.2				26.0
28.0	19.1	22.7			19.0	22.0			18.9	21.8			18.8	21.6			28.0
30.0	17.8	21.0			17.7	20.4			17.6	20.2			17.5	20.1			30.0
34.0	15.5	18.1			15.5	17.7			15.4	17.6			15.3	17.5			34.0
38.0		15.7			36.0m/14.5	15.5			13.6	15.4			13.5	15.3			38.0
42.0			44.0m/12.2			13.7			12.0	13.6			12.0	13.5			42.0
46.0			11.5				11.2			12.1			10.7	12.1			46.0
50.0			10.2	52.0m/8.5			10.0			48.0m/11.4	9.7		48.0m/10.1	10.8			50.0
54.0			9.2	8.0			9.0	7.9			8.7			9.6	8.3		54.0
58.0				7.1			8.1	7.1			7.8	6.7			7.4		58.0
62.0				60.0m/6.8				6.4			7.0	6.0			6.7	5.6	62.0
66.0												5.4			6.0	5.0	66.0
70.0												68.0m/5.1			68.0m/5.7	4.5	70.0
74.0																4.1	74.0
Reeves			4				3				3				3		Reeves

Working radius (m)	61.0																Reeves
	51.8				57.9				61.0				Reeves				
	88°	83°	68°	63°	88°	83°	68°	63°	88°	83°	68°	63°	Reeves				
20.0	19.4																20.0
22.0	19.1				15.9												22.0
24.0	18.8				15.7				14.5								24.0
26.0	18.5				15.5				14.3								26.0
28.0	17.5				15.3				14.1								28.0
30.0	16.4	18.6			15.1	32.0m/15.5			13.9								30.0
34.0	14.5	16.4			13.5	14.6			13.7	32.0m/14.1							34.0
38.0	12.9	14.5			12.2	13.0			13.0	13.6							38.0
42.0	11.6	12.9			11.0	11.7			11.8	12.3							42.0
46.0	10.4	11.5			10.0	10.7			10.7	11.1							46.0
50.0	9.5	10.3			9.0	9.7			9.8	10.2							50.0
54.0	8.6	9.3	56.0m/7.5		7.1	8.9			8.4	9.3							54.0
58.0		8.4	7.1		5.3	8.2	60.0m/6.3		6.3	8.6							58.0
62.0		60.0m/7.7	6.3		60.0m/4.4	6.5	6.0		4.4	7.9	5.8						62.0
66.0			5.6	4.4		4.8	5.3		2.8	6.2	5.1						66.0
70.0			5.0	3.9			4.7	3.6		4.2	4.6	72.0m/3.2					70.0
74.0			4.5	3.5			4.2	3.2		68.0m/3.2	4.0	3.0					74.0
78.0				3.1			3.8	2.8			3.6	76.0m/2.8					78.0
82.0				80.0m/2.9			80.0m/3.6				3.2						82.0
Reeves			2				2				2						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
Refer to notes P25 and P26.



Luffing Boom Lifting Capacities with Luffing Jib

Unit: metric ton

Counterweight: 90.0 t, Carbody weight: 24.0 t

Attached at 23 Degree Boom to Luffing Jib Offset Angle

21.3m Boom Length	Boom length (m)	21.3					
	Jib length (m)	21.3	30.5	39.6	48.8	57.9	61.0
6.4 m	125.0	119.0	114.1	107.5	100.3	97.2	
7.0 m	125.0	119.0	114.1	107.5	100.3	97.2	
8.0 m	125.0	119.0	114.1	107.5	100.3	97.2	
9.0 m	111.7	106.6	102.7	97.3	91.6	89.1	
10.0 m	99.3	94.5	90.7	85.7	80.3	77.9	
12.0 m	72.6	68.2	64.8	61.2	55.2	53.0	
14.0 m	55.3	51.3	48.0	44.7	39.1	37.2	
16.0 m	43.9	40.1	37.0	33.8	28.6	26.8	
18.0 m	35.7	32.2	29.1	26.1	21.2	19.5	
Reeves	10	10	10	8	8	8	

30.5m Boom Length	Boom length (m)	30.5					
	Jib length (m)	21.3	30.5	39.6	48.8	57.9	61.0
8.0 m	115.2	111.6	106.5	101.4	95.8	93.4	
9.0 m	107.3	103.9	99.3	94.5	89.3	87.1	
10.0 m	95.7	92.5	88.1	83.7	78.8	76.7	
12.0 m	72.9	70.0	66.0	62.0	57.6	55.7	
14.0 m	55.6	53.0	49.3	45.5	41.5	39.7	
16.0 m	44.0	41.6	38.1	34.5	30.7	29.1	
18.0 m	35.7	33.4	30.1	27.5	23.1	21.6	
20.0 m	29.3	27.1	23.9	21.4	17.2	15.8	
22.0 m	24.2	22.2	19.0	16.7	12.6	11.2	
24.0 m	20.2	18.2	15.1	12.9	9.0	7.7	
Reeves	10	10	8	8	8	7	

36.6m Boom Length	Boom length (m)	36.6					
	Jib length (m)	21.3	30.5	39.6	48.8	57.9	61.0
10.0 m	93.5	89.2	84.6	80.3	75.8	73.8	
12.0 m	74.5	70.6	66.4	62.6	58.5	56.7	
14.0 m	57.1	53.5	49.7	46.2	42.3	40.7	
16.0 m	45.5	42.1	38.5	35.1	31.6	30.0	
18.0 m	37.1	33.9	30.4	27.3	23.9	22.4	
20.0 m	30.6	27.5	24.2	21.2	18.0	16.6	
22.0 m	25.5	22.5	19.3	16.4	13.3	12.0	
24.0 m	21.3	18.4	15.3	12.6	9.6	8.3	
26.0 m	18.0	15.2	12.2	9.5	6.6		
28.0 m	15.1	12.4	9.5	7.5			
30.0 m	12.9	10.2	7.4	5.5			
Reeves	7	7	7	6	6	6	

42.7m Boom Length	Boom length (m)	42.7					
	Jib length (m)	21.3	30.5	39.6	48.8	57.9	61.0
12.0 m	71.6	67.5	63.5	59.9	55.9	54.2	
14.0 m	57.3	53.5	49.8	46.5	42.9	41.3	
16.0 m	45.7	42.1	38.6	35.5	32.1	30.6	
18.0 m	37.2	33.8	30.6	27.6	24.4	23.0	
20.0 m	30.6	27.4	24.2	21.4	18.3	17.0	
22.0 m	25.3	22.2	19.2	16.5	13.6	12.3	
24.0 m	21.2	18.2	15.2	12.6	9.8	8.6	
26.0 m	17.8	14.9	12.0	9.5	6.8		
28.0 m	14.9	12.1	9.3	6.9			
30.0 m	12.5	9.8	7.1	5.2			
32.0 m	10.5	7.8	5.2				
34.0 m	8.7	6.1					
Reeves	6	6	5	5	5	5	

48.8m Boom Length	Boom length (m)	48.8					
	Jib length (m)	21.3	30.5	39.6	48.8	57.9	61.0
12.0 m	65.4	61.7	57.8	54.0	49.3	47.3	
14.0 m	55.8	52.5	48.5	46.2	41.8	40.3	
16.0 m	45.5	42.4	38.7	36.6	32.4	31.0	
18.0 m	37.1	34.2	30.6	28.6	24.7	23.4	
20.0 m	30.4	27.7	24.3	22.4	18.7	17.4	
22.0 m	25.2	22.5	19.3	17.4	13.9	12.6	
24.0 m	21.0	18.4	15.3	13.5	10.1	8.9	
26.0 m	17.6	15.1	12.1	10.3	7.0		
28.0 m	14.7	12.2	9.3	7.6			
30.0 m	12.3	9.9	7.0	5.4			
32.0 m	10.2	7.8	5.1				
34.0 m	8.4	6.1					
36.0 m	6.9						
38.0 m	5.5						
Reeves	5	5	5	5	4	4	

54.9m Boom Length	Boom length (m)	54.9					
	Jib length (m)	21.3	30.5	39.6	48.8	57.9	61.0
14.0 m	51.2	47.7	44.6	41.6	37.3	35.8	
16.0 m	44.4	41.1	38.3	35.4	31.4	30.0	
18.0 m	37.1	34.0	31.3	28.6	24.8	23.5	
20.0 m	30.4	27.4	24.9	22.3	18.7	17.5	
22.0 m	25.2	22.3	19.8	17.4	13.9	12.7	
24.0 m	21.0	18.2	15.8	13.4	10.1	9.0	
26.0 m	17.5	14.7	12.5	10.2	7.0	5.9	
28.0 m	14.6	12.0	9.8	7.5			
30.0 m	12.1	9.5	7.4	5.2			
32.0 m	10.0	7.5	5.4				
34.0 m	8.2	5.7					
36.0 m	6.6						
38.0 m	5.2						
Reeves	4	4	4	4	3	3	

61.0m Boom Length	Boom length (m)	61.0				
	Jib length (m)	30.5	39.6	48.8	57.9	61.0
14.0 m	46.2	43.6	40.0	35.8	34.3	
16.0 m	38.4	35.6	32.8	28.9	27.6	
18.0 m	32.6	30.0	27.4	23.7	22.4	
20.0 m	27.2	24.7	22.2	18.7	17.5	
22.0 m	22.1	19.7	17.4	14.0	12.9	
24.0 m	17.9	15.6	13.3	10.1	9.0	
26.0 m	14.6	12.3	10.2	7.0	6.0	
28.0 m	11.7	9.6	7.4			
30.0 m	9.3	7.2	5.1			
32.0 m	7.3	5.2				
34.0 m	5.5					
Reeves	4	4	3	3	3	

Note: Ratings according to EN13000. Ratings shown in are determined by the strength of the boom or other structural components. Refer to notes P25 and P26.

