

CK2500-II

CRANE RATING CHARTS

**STANDARD BOOM - MAIN BOOM RATED LOADS
LUFFING BOOM - MAIN BOOM RATED LOADS
FIXED JIB RATED LOADS**

**90.0 ton Counterweight
24.0 ton CarbodyWeight**

KOBELCO CK2500-II

RATING CHART SUPPLEMENTAL DATA

1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
2. Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by in the charts.
3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - Boom backstops are required for all boom lengths.
 - Gantry must be fully raised position for all operations.
 - The crane must be leveled to within 1% on a firm supporting surface.
4. Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.

7. When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Aux. Sheave For Crane Boom

Deductions(ton)	0.3
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Fixed Jib

Jib length(m)	12.2	18.3	24.4	30.5
Deductions(ton)	3.2	3.6	4.1	4.5

8. The total load that can be lifted over a jib is limited by rated jib loads.
9. Boom lengths for jib mounting are 27.4m (90 ft) to 76.2m (250 ft).
10. 12.2m(40ft) jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.
11. In the case of auxiliary sheave for crane boom, the total lifting load is the value for 0.3ton deducted from rated load for the crane boom without auxiliary sheave, but it should not exceed 26.7ton.
12. Boom lengths that can attach auxiliary sheave are from 15.2m (50 ft) to 88.4m(290 ft).
13. The boom should be erected over the front of the crawlers, not laterally.
When erecting and lowering the boom at length of 88.4m (290 ft) or over, the blocks for erection must be placed at the end of the crawlers.

KOBELCO CK2500-II

RATING CHART SUPPLEMENTAL DATA

14. Least stable position is over the side.
15. Maximum hoist load for number of reeving parts of line for hoist rope.

Main Boom Hoist Loads

No. of Parts of Line	1	2	3	4	5
Maximum Loads (ton)	13.3	26.7	40.1	53.5	66.9

No. of Parts of Line	6	7	8	9	10
Maximum Loads (ton)	80.2	93.6	107.0	120.4	133.8

No. of Parts of Line	12	14	16	18
Maximum Loads (ton)	160.5	187.3	214.0	226.8

Jib Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (ton)	13.3	26.7

Auxiliary Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (ton)	13.3	26.7

16. Weight of recommended hook block.

Hook block	225t	150t	100t	70t	35t	13.5t ball hook
Weight(ton)	4.2	2.3	1.8	1.2	0.9	0.5

17. Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CRANES CO., LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

18. Designed and rated to comply with ANSI Code B30.5.

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.



WARNING
 If the weight of hook block to be used is lighter than the recommended weight shown on table above, boom or jib may turnover backward or it is difficult to lower the empty hook block.

「CK2500-II / STANDARD BOOM – MAIN BOOM RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight

(UNIT:METRIC TONS)

Load Radius	Boom Length										Load Radius	
	15.2m	18.3m	21.3m	24.4m	27.4m	30.5m	33.5m	36.6m	39.6m	42.7m		
4.5m	226.8											4.5m
5.0m	225.4	5.1m / 220.3										5.0m
5.5m	211.0	209.0	5.7m / 196.9									5.5m
6.0m	192.3	192.0	191.2	182.9	6.7m / 171.8							6.0m
7.0m	166.7	166.4	166.1	165.0	165.3	7.3m / 151.8	7.9m / 141.9					7.0m
8.0m	146.3	146.0	145.6	145.4	145.1	144.1	140.9	8.5m / 125.7				8.0m
9.0m	130.7	130.3	130.0	129.8	129.3	127.5	127.2	122.8	9.1m / 113.7	9.7m / 104.8		9.0m
10.0m	117.5	117.2	116.9	116.7	115.0	114.9	113.6	110.9	106.9	103.0		10.0m
12.0m	90.6	90.7	90.7	90.7	90.6	90.5	90.3	90.0	88.0	86.1		12.0m
14.0m	13.7m / 74.7	73.0	73.0	73.0	72.9	72.8	72.7	72.6	72.3	72.1		14.0m
16.0m		60.7	60.8	60.8	60.6	60.5	60.4	60.3	60.3	60.2		16.0m
18.0m		16.7m / 56.7	51.5	51.5	51.3	51.2	51.1	51.0	50.9	50.9		18.0m
20.0m			19.8m / 45.2	44.7	44.4	44.3	44.1	44.1	43.9	43.9		20.0m
22.0m				21.3m / 41.0	39.2	39.1	38.8	38.8	38.7	38.6		22.0m
24.0m					34.8	34.8	34.5	34.4	34.3	34.3		24.0m
26.0m					24.3m / 34.1	31.2	30.8	30.8	30.7	30.7		26.0m
28.0m						27.4m / 29.1	28.0	27.9	27.8	27.7		28.0m
30.0m							25.5	25.4	25.2	25.2		30.0m
32.0m							30.4m / 24.9	23.3	23.0	22.9		32.0m
34.0m									21.2	21.1		34.0m
36.0m									35.0m / 20.3	19.4		36.0m
38.0m										17.9		38.0m
40.0m										38.1m / 17.9		40.0m
reeves	18	18	16	14	14	12	12	10	9	8		reeves

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

「CK2500-II / STANDARD BOOM – MAIN BOOM RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight

(UNIT:METRIC TONS)

Load Radius	Boom Length										Load Radius	
	45.7m	48.8m	51.8m	54.9m	57.9m	61.0m	64.0m	67.1m	70.1m	73.2m		
10.0m	10.3m / 94.5	10.3m / 92.1	10.9m / 83.8	11.5m / 80.3								10.0m
12.0m	83.8	81.9	79.2	77.9	12.1m / 74.4	13.7m / 64.2	13.7m / 63.7	13.7m / 62.7				12.0m
14.0m	71.0	69.6	68.2	66.7	65.3	63.1	62.5	61.5	15.2m / 54.2	15.2m / 52.7		14.0m
16.0m	59.8	59.4	58.8	57.7	56.7	55.5	54.4	53.5	51.6	50.7		16.0m
18.0m	50.6	50.5	50.3	50.0	49.5	48.7	47.6	46.8	45.6	45.0		18.0m
20.0m	43.7	43.6	43.4	43.2	43.0	42.9	42.2	41.5	40.6	39.9		20.0m
22.0m	38.4	38.3	38.1	37.9	37.8	37.6	37.3	37.1	36.5	35.7		22.0m
24.0m	34.0	33.9	33.7	33.5	33.3	33.2	33.0	32.9	32.6	32.1		24.0m
26.0m	30.3	30.2	30.1	29.8	29.7	29.6	29.3	29.2	28.9	28.8		26.0m
28.0m	27.4	27.3	27.1	26.9	26.8	26.6	26.4	26.3	26.0	25.9		28.0m
30.0m	24.9	24.8	24.6	24.4	24.2	24.1	23.8	23.7	23.5	23.3		30.0m
32.0m	22.6	22.5	22.3	22.1	21.9	21.8	21.5	21.4	21.2	21.0		32.0m
34.0m	20.8	20.7	20.5	20.3	20.1	20.0	19.7	19.5	19.4	19.2		34.0m
36.0m	19.1	19.0	18.9	18.6	18.4	18.3	18.0	17.9	17.6	17.5		36.0m
38.0m	17.6	17.5	17.4	17.1	16.9	16.8	16.5	16.4	16.1	15.9		38.0m
40.0m	16.3	16.2	16.0	15.8	15.6	15.5	15.2	15.1	14.8	14.6		40.0m
44.0m	41.1m / 15.6	42.6m / 14.8	13.8	13.6	13.4	13.3	12.9	12.8	12.5	12.4		44.0m
48.0m			45.7m / 13.1	11.8	11.6	11.5	11.2	11.0	10.7	10.6		48.0m
52.0m				48.7m / 11.5	50.2m / 10.7	9.9	9.6	9.5	9.2	9.0		52.0m
56.0m						53.3m / 9.5	8.3	8.2	7.8	7.7		56.0m
60.0m							56.3m / 8.2	59.4m / 7.2	6.6	6.5		60.0m
64.0m									60.9m / 6.4	5.4		64.0m
reeves	8	7	7	7	6	5	5	5	5	4		reeves

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

「CK2500-II / STANDARD BOOM – MAIN BOOM RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight

(UNIT:METRIC TONS)

Load Radius	Boom Length						Load Radius
	76.2m	79.2m	82.3m	85.3m	88.4m	91.4m	
14.0m	15.2m / 48.9						14.0m
16.0m	47.8	16.7m / 43.9	16.7m / 40.4	16.7m / 37.2			16.0m
18.0m	44.0	42.7	39.5	36.5	18.2m / 33.1	18.2m / 30.7	18.0m
20.0m	39.2	38.4	37.3	35.2	32.2	29.7	20.0m
22.0m	35.1	34.4	33.6	32.7	30.9	28.7	22.0m
24.0m	31.6	30.9	30.2	29.6	29.0	27.5	24.0m
26.0m	28.5	27.9	27.2	26.7	26.3	25.6	26.0m
28.0m	25.8	25.4	24.7	24.3	23.8	23.3	28.0m
30.0m	23.2	23.0	22.5	22.1	21.7	21.1	30.0m
32.0m	20.9	20.7	20.4	20.1	19.7	19.2	32.0m
34.0m	19.0	18.9	18.5	18.3	18.1	17.5	34.0m
36.0m	17.4	17.2	16.9	16.7	16.5	16.1	36.0m
38.0m	15.9	15.6	15.4	15.2	15.1	14.7	38.0m
40.0m	14.5	14.3	14.0	13.9	13.8	13.4	40.0m
44.0m	12.3	12.0	11.8	11.6	11.5	11.3	44.0m
48.0m	10.4	10.2	9.9	9.7	9.6	9.3	48.0m
52.0m	8.8	8.6	8.2	8.0	7.9	7.6	52.0m
56.0m	7.4	7.2	6.8	6.7	6.4	6.2	56.0m
60.0m	6.2	6.0	5.6	5.4	5.2	4.9	60.0m
64.0m	5.2	4.9	4.5	4.3	4.2	3.9	64.0m
68.0m	67.0m / 4.5	4.0	3.7	3.4	3.2	2.8	68.0m
72.0m		70.1m / 3.6	71.6m / 2.9	2.7	71.6m / 2.5	68.5m / 2.7	72.0m
76.0m				73.1m / 2.4			76.0m
reeves	4	4	4	4	4	4	reeves

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

「CK2500-II / LUFFING BOOM – MAIN BOOM RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight

(UNIT:METRIC TONS)

Load Radius	Boom Length										Load Radius	
	15.2m	18.3m	21.3m	24.4m	27.4m	30.5m	33.5m	36.6m	39.6m	42.7m		
5.4m	90.7											5.4m
5.5m	90.7											5.5m
6.0m	90.7	90.7	6.7m / 90.7									6.0m
7.0m	90.7	90.7	90.7	7.3m / 90.7	7.9m / 90.7							7.0m
8.0m	90.7	90.7	90.7	90.7	90.7	8.5m / 90.7						8.0m
9.0m	90.7	90.7	90.7	90.7	90.7	90.7	9.1m / 90.7	9.1m / 90.7	9.7m / 90.7			9.0m
10.0m	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.4	10.3m / 89.9		10.0m
12.0m	87.8	87.7	87.6	87.5	87.4	87.3	87.2	87.1	86.0	84.3		12.0m
14.0m	71.5	71.7	71.6	71.5	71.4	71.3	71.2	71.1	70.9	70.5		14.0m
16.0m	15.2m / 62.0	59.7	59.7	59.6	59.5	59.3	59.2	59.2	59.1	59.0		16.0m
18.0m		16.7m / 55.7	50.7	50.5	50.4	50.3	50.3	50.2	50.0	49.9		18.0m
20.0m			19.8m / 44.4	43.8	43.7	43.5	43.4	43.3	43.3	43.1		20.0m
22.0m				38.5	38.4	38.3	38.2	38.1	38.0	37.7		22.0m
24.0m				22.8m / 36.4	34.1	33.9	33.9	33.7	33.6	33.4		24.0m
26.0m					24.3m / 33.3	30.3	30.2	30.2	30.0	29.7		26.0m
28.0m						27.4m / 28.2	27.3	27.2	27.1	26.8		28.0m
30.0m							24.9	24.8	24.6	24.3		30.0m
32.0m							30.4m / 24.3	22.5	22.3	22.1		32.0m
34.0m								33.5m / 21.2	20.5	20.3		34.0m
36.0m									35.0m / 19.6	18.6		36.0m
38.0m										17.1		38.0m
40.0m										38.1m / 17.1		40.0m
reeves	7	7	7	7	7	7	7	7	7	7		reeves

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

「CK2500-II / LUFFING BOOM – MAIN BOOM RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight

(UNIT:METRIC TONS)

Load Radius	Boom Length						Load Radius
	45.7m	48.8m	51.8m	54.9m	57.9m	61.0m	
10.0m	10.9m / 82.1	11.5m / 79.1					10.0m
12.0m	78.6	77.3	12.1m / 74.9	13.7m / 65.3	13.7m / 64.4	13.7m / 63.2	12.0m
14.0m	69.7	68.4	65.3	64.2	63.2	62.1	14.0m
16.0m	58.8	58.5	57.6	56.6	55.2	54.3	16.0m
18.0m	49.8	49.7	49.6	49.3	48.8	47.9	18.0m
20.0m	42.9	42.8	42.7	42.6	42.4	42.2	20.0m
22.0m	37.6	37.5	37.4	37.2	37.1	37.0	22.0m
24.0m	33.3	33.1	33.0	32.8	32.7	32.5	24.0m
26.0m	29.7	29.6	29.4	29.2	29.1	28.9	26.0m
28.0m	26.7	26.6	26.5	26.3	26.2	26.0	28.0m
30.0m	24.2	24.1	24.0	23.7	23.6	23.4	30.0m
32.0m	22.0	21.8	21.7	21.4	21.3	21.2	32.0m
34.0m	20.2	20.0	19.9	19.6	19.5	19.4	34.0m
36.0m	18.5	18.4	18.2	18.0	17.9	17.6	36.0m
38.0m	17.0	16.9	16.7	16.4	16.4	16.1	38.0m
40.0m	15.9	15.6	15.5	15.2	15.1	14.8	40.0m
44.0m	41.1m / 15.2	13.4	13.2	12.9	12.8	12.6	44.0m
48.0m		44.1m / 13.3	45.7m / 12.5	11.2	11.1	10.8	48.0m
52.0m				48.7m / 10.8	51.8m / 9.7	9.3	52.0m
56.0m						54.8m / 8.3	56.0m
reeves	7	6	6	5	5	5	reeves

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

「CK2500-II / FIXED JIB RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight
(Jib Offset Angle 10deg)

(UNIT:METRIC TONS)

Load Radius	Boom Length 27.4m				Boom Length 30.5m				Boom Length 33.5m				Load Radius	
	Jib Length				Jib Length				Jib Length					
	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m		
10.3m	26.7				10.9m / 26.3					11.5m / 26.3				10.3m
12.0m	25.5	13.7m / 20.5			25.8	13.7m / 20.8				26.2	13.7m / 21.0			12.0m
14.0m	24.2	20.3	15.2m / 11.9		24.7	20.6	15.2m / 12.1			25.1	20.9			14.0m
16.0m	22.9	19.3	11.7	16.7m / 6.7	23.7	19.6	11.9			24.0	20.0	16.7m / 11.8		16.0m
18.0m	21.7	18.3	11.2	6.4	22.7	18.7	11.3	18.2m / 6.5		23.1	19.0	11.5	18.2m / 6.6	18.0m
20.0m	20.6	17.5	10.7	6.1	21.8	17.9	10.8	6.2		22.3	18.2	11.0	6.3	20.0m
22.0m	19.7	16.7	10.2	5.8	20.9	17.1	10.4	5.9		21.4	17.5	10.6	6.0	22.0m
24.0m	18.8	16.0	9.8	5.5	20.1	16.5	10.0	5.6		20.6	16.8	10.2	5.8	24.0m
26.0m	18.0	15.3	9.4	5.2	19.4	15.8	9.6	5.4		19.9	16.2	9.8	5.5	26.0m
28.0m	17.3	14.3	9.0	5.0	18.6	15.0	9.2	5.1		19.3	15.6	9.4	5.2	28.0m
30.0m	16.6	13.3	8.7	4.8	17.8	14.1	8.9	4.9		18.6	14.7	9.1	5.0	30.0m
32.0m	16.0	12.5	8.3	4.6	17.1	13.2	8.6	4.7		17.9	13.9	8.8	4.8	32.0m
34.0m	15.4	11.9	8.0	4.4	16.3	12.5	8.3	4.5		17.2	13.1	8.5	4.7	34.0m
36.0m	14.8	11.2	7.7	4.3	15.6	11.8	8.0	4.4		16.5	12.4	8.2	4.5	36.0m
38.0m	36.5m / 14.6	10.7	7.5	4.1	14.9	11.2	7.7	4.2		15.7	11.8	7.9	4.3	38.0m
40.0m		10.2	7.3	4.0	38.1m / 14.9	10.7	7.5	4.1		15.0	11.3	7.7	4.2	40.0m
44.0m		41.1m / 9.9	6.9	3.7		9.9	7.0	3.8		41.1m / 14.7	10.3	7.3	3.9	44.0m
48.0m			47.2m / 6.6	3.5		44.1m / 9.8	6.7	3.6			47.2m / 9.7	6.9	3.7	48.0m
52.0m				3.3			50.2m / 6.6	3.4				6.6	3.5	52.0m
56.0m				53.3m / 3.2				3.1				53.3m / 6.5	3.3	56.0m
60.0m								56.3m / 3.0					57.9m / 3.1	60.0m
reeves	2	2	1	1	2	2	1	1	2	2	1	1	reeves	

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

「CK2500-II / FIXED JIB RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight
(Jib Offset Angle 10deg)

(UNIT:METRIC TONS)

Load Radius	Boom Length 36.6m				Boom Length 39.6m				Boom Length 42.7m				Load Radius	
	Jib Length				Jib Length				Jib Length					
	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m		
12.0m	12.1m / 26.4				13.7m / 25.9					13.7m / 26.1				12.0m
14.0m	25.4	15.2m / 20.6			25.7	15.2m / 20.9				26.0	15.2m / 21.1			14.0m
16.0m	24.4	20.2	16.7m / 11.9		24.8	20.5	16.7m / 12.1			25.1	20.7			16.0m
18.0m	23.5	19.3	11.6	18.2m / 6.7	23.9	19.6	11.8	19.8m / 6.6	24.2	19.9	18.2m / 11.8	19.8m / 6.7		18.0m
20.0m	22.7	18.6	11.2	6.4	23.1	18.8	11.3	6.5	23.4	19.1	11.4	6.6	20.0m	
22.0m	21.8	17.8	10.7	6.1	22.2	18.1	10.9	6.2	22.7	18.4	11.1	6.3	22.0m	
24.0m	21.1	17.2	10.4	5.9	21.5	17.5	10.5	5.9	22.0	17.8	10.7	6.0	24.0m	
26.0m	20.4	16.5	10.0	5.6	20.7	16.9	10.2	5.7	21.4	17.2	10.3	5.8	26.0m	
28.0m	19.7	16.0	9.6	5.4	19.9	16.3	9.8	5.5	20.6	16.6	10.0	5.6	28.0m	
30.0m	19.0	15.4	9.3	5.1	19.3	15.8	9.5	5.2	19.9	16.1	9.7	5.3	30.0m	
32.0m	18.3	14.5	9.0	4.9	18.6	15.1	9.2	5.0	19.3	15.6	9.3	5.1	32.0m	
34.0m	17.7	13.7	8.7	4.8	17.9	14.3	8.9	4.9	18.7	14.9	9.0	5.0	34.0m	
36.0m	17.0	13.0	8.4	4.6	17.2	13.6	8.6	4.7	18.0	14.1	8.8	4.8	36.0m	
38.0m	16.3	12.4	8.1	4.4	16.6	12.9	8.3	4.5	17.3	13.5	8.5	4.6	38.0m	
40.0m	15.7	11.8	7.9	4.3	16.0	12.3	8.1	4.4	16.7	12.8	8.3	4.5	40.0m	
44.0m	14.6	10.8	7.5	4.0	14.8	11.3	7.6	4.1	14.7	11.8	7.8	4.2	44.0m	
48.0m	44.1m / 14.6	10.0	7.1	3.8	47.2m / 13.6	10.5	7.3	3.9	13.0	10.9	7.5	4.0	48.0m	
52.0m		50.2m / 9.6	6.8	3.6		51.8m / 9.8	6.9	3.7	10.9	10.2	7.1	3.8	52.0m	
56.0m			54.8m / 6.6	3.4			6.7	3.5	9.3	9.9	6.8	3.6	56.0m	
60.0m				3.3			57.9m / 6.5	3.3	7.6	8.8	6.6	3.5	60.0m	
64.0m				60.9m / 3.3				3.2	6.4	7.3	6.5	3.3	64.0m	
68.0m									4.9	6.1	6.5	3.2	68.0m	
72.0m									3.8	4.8	5.7	3.3	72.0m	
76.0m									73.1m / 3.6	3.9	4.9	3.2	76.0m	
80.0m										79.2m / 3.0	3.7	3.2	80.0m	
84.0m											83.8m / 2.9	3.2	84.0m	
88.0m												2.6	88.0m	
92.0m												89.9m / 2.4	92.0m	
reeves	2	2	1	1	2	2	1	1	2	2	1	1	reeves	

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

「CK2500-II / FIXED JIB RATED LOADS」

**90.0 ton Counterweight
24.0 ton CarbodyWeight
(Jib Offset Angle 10deg)**

(UNIT:METRIC TONS)

Load Radius	Boom Length 73.2m				Boom Length 76.2m				Load Radius
	Jib Length				Jib Length				
	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m	
18.0m	19.8m / 25.9				19.8m / 26.1				18.0m
20.0m	25.8	21.3m / 20.7			26.0	21.3m / 20.9			20.0m
22.0m	25.2	20.5	22.8m / 11.9		25.4	20.7			22.0m
24.0m	24.6	20.0	11.8	25.9m / 6.4	24.9	20.1	24.3m / 11.8	25.9m / 6.5	24.0m
26.0m	24.1	19.4	11.5	6.4	24.3	19.6	11.5	6.5	26.0m
28.0m	23.5	19.0	11.2	6.2	23.5	19.1	11.3	6.3	28.0m
30.0m	22.3	18.5	10.9	6.1	21.7	18.7	11.0	6.1	30.0m
32.0m	20.4	18.0	10.7	5.9	19.9	18.2	10.7	5.9	32.0m
34.0m	18.8	17.6	10.4	5.7	18.3	17.8	10.5	5.8	34.0m
36.0m	17.3	17.1	10.2	5.5	16.8	17.2	10.3	5.7	36.0m
38.0m	15.8	16.2	9.9	5.4	15.4	15.9	10.1	5.5	38.0m
40.0m	14.5	15.0	9.7	5.2	14.1	14.6	9.8	5.3	40.0m
44.0m	12.2	12.6	9.3	5.0	11.8	12.3	9.4	5.0	44.0m
48.0m	10.3	10.7	8.9	4.8	10.0	10.4	9.0	4.8	48.0m
52.0m	8.7	9.1	8.5	4.5	8.4	8.8	8.6	4.6	52.0m
56.0m	7.4	7.8	8.2	4.3	7.1	7.5	8.1	4.4	56.0m
60.0m	6.2	6.6	7.2	4.1	5.9	6.3	7.0	4.2	60.0m
64.0m	5.3	5.7	6.2	4.0	4.9	5.3	5.9	4.0	64.0m
68.0m	4.4	4.8	5.3	3.8	4.1	4.5	5.1	3.9	68.0m
72.0m	3.6	4.0	4.6	3.7	3.3	3.7	4.2	3.7	72.0m
76.0m	3.0	3.3	3.8	3.5	2.7	3.0	3.6	3.6	76.0m
80.0m	77.7m / 2.4	2.7	3.2	3.4	77.7m / 2.4	2.4	2.9	3.2	80.0m
84.0m		83.8m / 1.9	2.7	2.9		83.8m / 1.9	2.3	2.7	84.0m
88.0m			1.9	2.3			1.9	2.1	88.0m
92.0m			89.9m / 1.6	1.9			89.9m / 1.6	1.7	92.0m
96.0m				94.4m / 1.5				94.4m / 1.5	96.0m
reeves	2	2	1	1	2	2	1	1	reeves

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

「CK2500-II / FIXED JIB RATED LOADS」

90.0 ton Counterweight
 24.0 ton CarbodyWeight
 (Jib Offset Angle 30deg)

(UNIT:METRIC TONS)

Load Radius	Boom Length 27.4m				Boom Length 30.5m				Boom Length 33.5m				Load Radius	
	Jib Length				Jib Length				Jib Length					
	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m		
15.2m	18.9				19					19.2				15.2m
16.0m	18.6				18.8					19.0				16.0m
18.0m	17.8	18.2m / 13.3			18.2	19.8m / 13.3				18.4	19.8m / 13.3			18.0m
20.0m	16.8	13.3			17.2	13.3				17.6	13.3			20.0m
22.0m	15.9	13.0	22.8m / 8.0		16.3	13.1	22.8m / 8.0			16.7	13.3			22.0m
24.0m	15.1	12.5	7.8	25.9m / 4.3	15.6	12.8	7.9			16.0	12.9	24.3m / 7.9		24.0m
26.0m	14.4	11.9	7.6	4.3	14.9	12.2	7.7	27.4m / 4.3		15.3	12.5	7.7	27.4m / 4.3	26.0m
28.0m	13.9	11.3	7.3	4.2	14.3	11.6	7.4	4.2		14.7	11.9	7.5	4.3	28.0m
30.0m	13.4	10.8	7.1	4.0	13.8	11.1	7.2	4.0		14.2	11.4	7.3	4.1	30.0m
32.0m	13.0	10.3	6.9	3.9	13.3	10.7	7.0	3.9		13.7	10.9	7.1	4.0	32.0m
34.0m	12.6	10.0	6.7	3.8	13.0	10.3	6.8	3.8		13.3	10.6	6.9	3.9	34.0m
36.0m	12.4	9.6	6.6	3.7	12.7	9.9	6.7	3.7		13.0	10.2	6.8	3.8	36.0m
38.0m	36.5m / 12.4	9.4	6.4	3.6	12.4	9.6	6.5	3.6		12.7	9.9	6.6	3.7	38.0m
40.0m		9.1	6.3	3.5	39.6m / 12.4	9.3	6.4	3.5		12.5	9.6	6.5	3.6	40.0m
44.0m		42.6m / 8.9	6.1	3.4		8.9	6.2	3.4	42.6m / 12.3		9.1	6.2	3.4	44.0m
48.0m			6.0	3.2		45.7m / 8.9	6.0	3.2			8.9	6.1	3.3	48.0m
52.0m			48.7m / 6.0	3.1			51.8m / 6.0	3.2			48.7m / 8.8	6.0	3.3	52.0m
56.0m				54.8m / 2.9				2.9				54.8m / 6.0	3.1	56.0m
60.0m								57.9m / 2.9					2.8	60.0m
64.0m													60.9m / 2.7	64.0m
reeves	2	1	1	1	2	1	1	1	2	1	1	1	1	reeves

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

「CK2500-II / FIXED JIB RATED LOADS」

90.0 ton Counterweight
24.0 ton CarbodyWeight
(Jib Offset Angle 30deg)

(UNIT:METRIC TONS)

Load Radius	Boom Length 36.6m				Boom Length 39.6m				Boom Length 42.7m				Load Radius	
	Jib Length				Jib Length				Jib Length					
	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m		
16.0m	16.7m / 18.9				16.7m / 19.0					16.7m / 19.1				16.0m
18.0m	18.6	19.8m / 13.3			18.8					18.9				18.0m
20.0m	18.0	13.3			18.3	21.3m / 13.3				18.4	21.3m / 13.3			20.0m
22.0m	17.1	13.3			17.5	13.3				17.8	13.3			22.0m
24.0m	16.4	13.1	24.3m / 8.0		16.7	13.2	24.3m / 8.0			17.1	13.3	25.9m / 7.9		24.0m
26.0m	15.7	12.8	7.8		16.0	12.9	7.8			16.3	13.0	7.9		26.0m
28.0m	15.1	12.2	7.6	28.9m / 4.2	15.4	12.4	7.6	28.9m / 4.2		15.8	12.7	7.7	28.9m / 4.3	28.0m
30.0m	14.5	11.7	7.4	4.1	14.9	11.9	7.4	4.2		15.2	12.2	7.5	4.2	30.0m
32.0m	14.1	11.2	7.2	4.0	14.4	11.5	7.3	4.0		14.7	11.7	7.3	4.1	32.0m
34.0m	13.6	10.8	7.0	3.9	14.0	11.1	7.1	3.9		14.3	11.3	7.2	4.0	34.0m
36.0m	13.3	10.4	6.9	3.8	13.6	10.7	6.9	3.8		13.9	10.9	7.0	3.9	36.0m
38.0m	12.9	10.1	6.7	3.7	13.2	10.4	6.8	3.7		13.5	10.6	6.9	3.8	38.0m
40.0m	12.7	9.8	6.6	3.6	13.0	10.1	6.6	3.7		13.2	10.3	6.7	3.7	40.0m
44.0m	12.3	9.3	6.3	3.5	12.5	9.5	6.4	3.5		12.7	9.8	6.5	3.6	44.0m
48.0m	44.1m / 12.3	9.0	6.1	3.4	47.2m / 12.3	9.1	6.2	3.4		12.4	9.3	6.3	3.5	48.0m
52.0m		50.2m / 8.9	6.0	3.3		8.9	6.1	3.3		11.2	9.0	6.1	3.3	52.0m
56.0m			6.0	3.1		53.3m / 8.8	6.0	3.2		9.4	8.9	6.0	3.2	56.0m
60.0m			56.3m / 6.0	2.9			59.4m / 6.0	3.1		8.0	8.8	6.0	3.2	60.0m
64.0m				62.4m / 2.8				2.9		6.5	7.8	6.0	3.1	64.0m
68.0m								65.5m / 2.8		5.3	6.4	5.9	2.8	68.0m
72.0m										3.9	5.1	5.9	2.8	72.0m
76.0m										73.1m / 3.8	4.2	5.0	2.7	76.0m
80.0m											79.2m / 3.3	4.1	2.8	80.0m
84.0m												3.0	2.8	84.0m
88.0m												85.3m / 2.8	2.8	88.0m
92.0m													91.4m / 2.4	92.0m
reeves	2	1	1	1	2	1	1	1	2	1	1	1	1	reeves

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

「CK2500-II / FIXED JIB RATED LOADS」

90.0 ton Counterweight
 24.0 ton CarbodyWeight
 (Jib Offset Angle 30deg)

(UNIT:METRIC TONS)

Load Radius	Boom Length 73.2m				Boom Length 76.2m				Load Radius
	Jib Length				Jib Length				
	12.2m	18.3m	24.4m	30.5m	12.2m	18.3m	24.4m	30.5m	
22.0m	22.8m / 19.0				22.8m / 19.0				22.0m
24.0m	18.8				18.8				24.0m
26.0m	18.5	27.4m / 13.3			18.6	27.4m / 13.3			26.0m
28.0m	18.2	13.3			18.3	13.3			28.0m
30.0m	17.7	13.3	30.4m / 7.9		17.9	13.3	30.4m / 8.0		30.0m
32.0m	17.2	13.1	7.8		17.4	13.1	7.8		32.0m
34.0m	16.8	12.9	7.7	35.0m / 4.2	17.0	13.0	7.7	35.0m / 4.2	34.0m
36.0m	16.3	12.7	7.6	4.1	16.5	12.8	7.6	4.2	36.0m
38.0m	15.9	12.4	7.4	4.1	16.1	12.7	7.5	4.1	38.0m
40.0m	15.0	12.1	7.3	4.0	14.8	12.3	7.4	4.0	40.0m
44.0m	12.7	11.5	7.1	3.9	12.4	11.7	7.1	3.9	44.0m
48.0m	10.7	11.0	6.9	3.7	10.5	11.1	6.9	3.7	48.0m
52.0m	9.1	10.0	6.7	3.6	8.8	9.8	6.7	3.7	52.0m
56.0m	7.7	8.6	6.5	3.5	7.4	8.3	6.6	3.5	56.0m
60.0m	6.6	7.4	6.4	3.4	6.2	7.1	6.4	3.4	60.0m
64.0m	5.5	6.3	6.3	3.3	5.2	6.0	6.3	3.4	64.0m
68.0m	4.6	5.3	5.8	3.2	4.3	5.1	5.6	3.3	68.0m
72.0m	3.7	4.5	5.0	3.2	3.4	4.2	4.7	3.2	72.0m
76.0m	3.0	3.7	4.2	3.2	2.8	3.4	3.9	3.2	76.0m
80.0m	79.2m / 2.2	3.0	3.5	3.1	79.2m / 2.2	2.8	3.3	3.1	80.0m
84.0m		2.1	2.9	3.0		2.1	2.6	2.9	84.0m
88.0m		85.3m / 1.9	2.3	2.6		85.3m / 1.9	2.0	2.5	88.0m
92.0m			91.4m / 1.6	2.2			91.4m / 1.6	2.0	92.0m
96.0m				1.5				1.5	96.0m
reeves	2	1	1	1	2	1	1	1	reeves

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