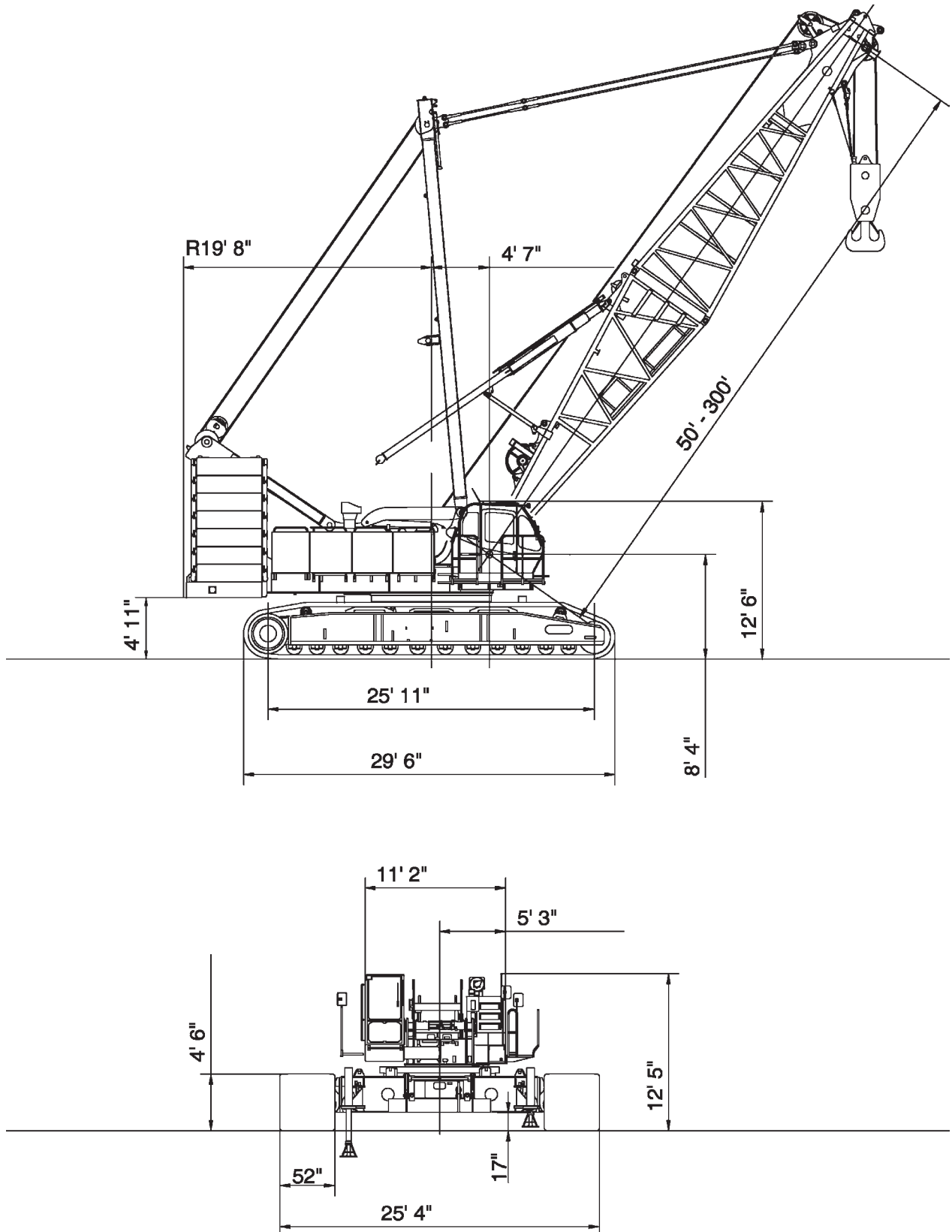


250 t Crawler Crane



All information given are for reference only.

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

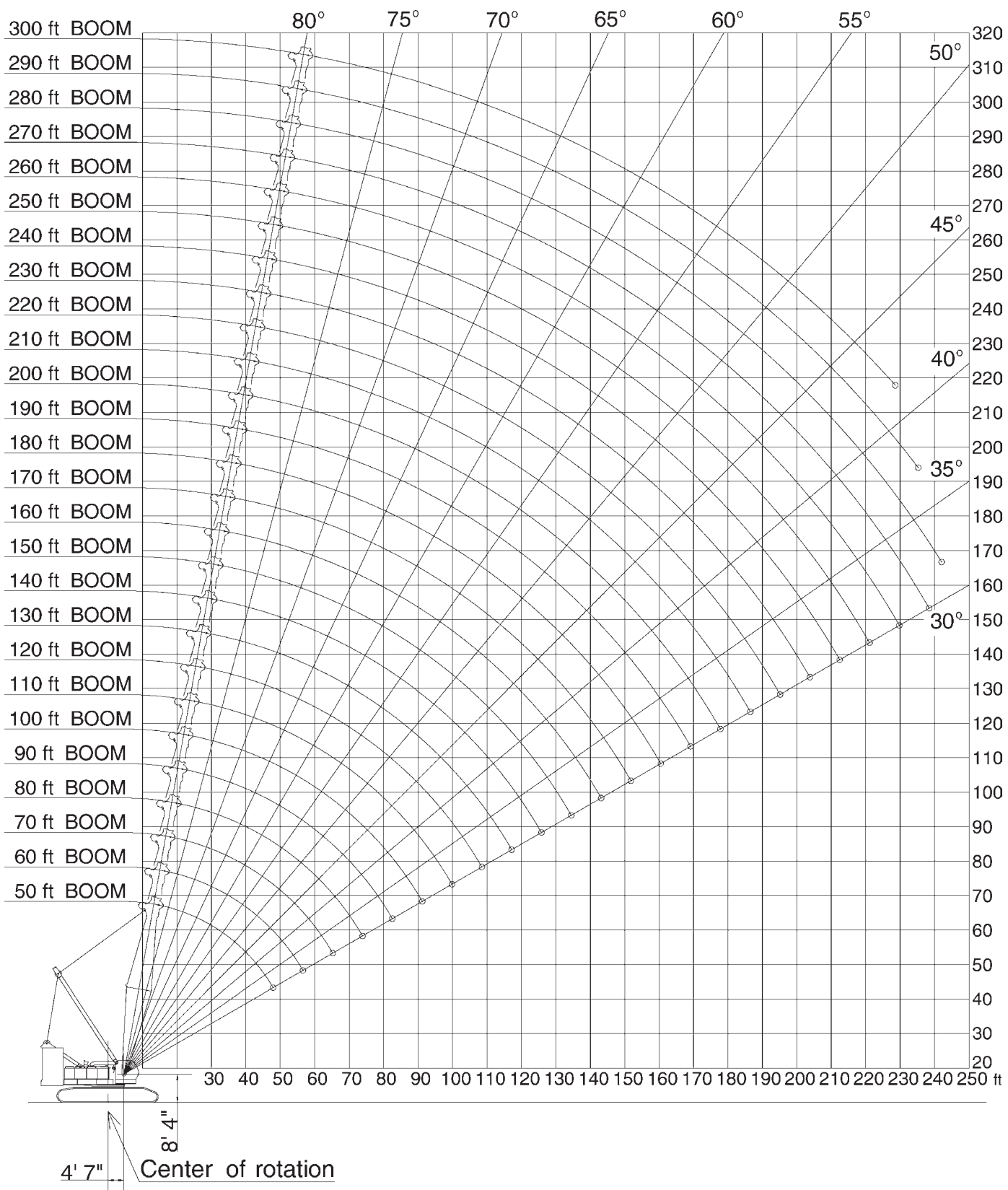
Transportation

250 t Crawler Crane

KOBELCO CK 2500-II



General Information
Hydraulic Truck Cranes
Crawler Cranes
Carry Decks
Rough Terrain Cranes
Rigging Equipment
Aerial Lifts
Transportation



All information given are for reference only.



50-170 ft



198,400 lbs



21'



360°

75
75%

All information given are for reference only.

ft	50	60	70	80	90	100	110	120	130	140	150	160	170	ft
15	500													15
16	500													16
17	492.8	485.7												17
18	466.5	462												18
19	440.1	438.3	434.1											19
20	416.7	416.6	415.8	403.4										20
22	382.4	381.8	381	376.7	378.9									22
24	352	351.2	350.5	350	349.2	334.8								24
26	325.3	324.6	323.8	323.4	322.6	320.6	313							26
28	303.6	302.9	302.1	301.7	300.9	298	295	277.3						28
30	283.5	282.7	282	281.6	280.2	276.1	276.1	268.7	250.7					30
32	266.4	265.7	264.9	264.5	260.7	260	257.3	250.8	240.7	231.1				32
34	248.4	247.9	247.3	247	243	243.5	240.4	235.3	228.8	221.6	208.5	203.1		34
36	229.8	229.6	229.2	229	226.5	226.8	224.7	221.5	215.7	209.6	199.7	194.8	184.9	36
38	211.1	211.3	211.2	211.1	210.1	210	209.1	207.6	202.5	197.6	190.8	186.4	179.2	38
40	194.6	195	195	195	195	194.8	194.6	194.4	190.1	186.4	182	178	172.8	40
45	164.7	165.1	165.1	165.1	164.9	164.7	164.5	164.3	163.6	163	160.2	156.9	153.4	45
50		142.9	142.9	142.9	142.5	142.3	142.1	142	141.9	141.7	140.5	139.2	137.2	50
55		125.1	125.2	125.2	124.7	124.6	124.3	124.2	124	123.8	123.3	123.1	122.3	55
60			110.9	110.9	110.5	110.4	110	109.8	109.6	109.6	108.9	108.7	108.5	60
65			99.7	99.7	99.2	99	98.6	98.4	98.1	98.1	97.5	97.3	97	65
70				90.5	90	89.8	89.2	89.1	88.9	88.8	88.3	88	87.7	70
75					82.1	81.9	81.3	81.2	81	80.8	80.3	80	79.6	75
80					75.2	75	74.5	74.3	74	73.9	73.4	73	72.7	80
85						69.3	68.4	68.2	68	68	67.3	67.1	66.7	85
90						64.2	63.5	63.3	63.1	62.9	62.2	62	61.6	90
95							59	58.8	58.5	58.4	57.7	57.5	57.1	95
100							55.1	54.9	54.4	54.3	53.7	53.5	53	100
105								51.5	50.9	50.6	50	49.8	49.3	105
110									47.7	47.5	46.8	46.6	46.1	110
115									44.9	44.6	44	43.7	43.3	115
120										42	41.3	41.1	40.7	120
125										39.5	38.8	38.6	38.2	125
130											36.6	36.4	36	130
135											34.6	34.5	33.9	135
140												32.7	32.1	140
145													30.4	145
150													28.9	150

with 52,900 carbody counterweight

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

250 t Crawler Crane

KOBELCO CK 2500-II



180-300 ft



198,400 lbs



21'



360°

75

75%

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

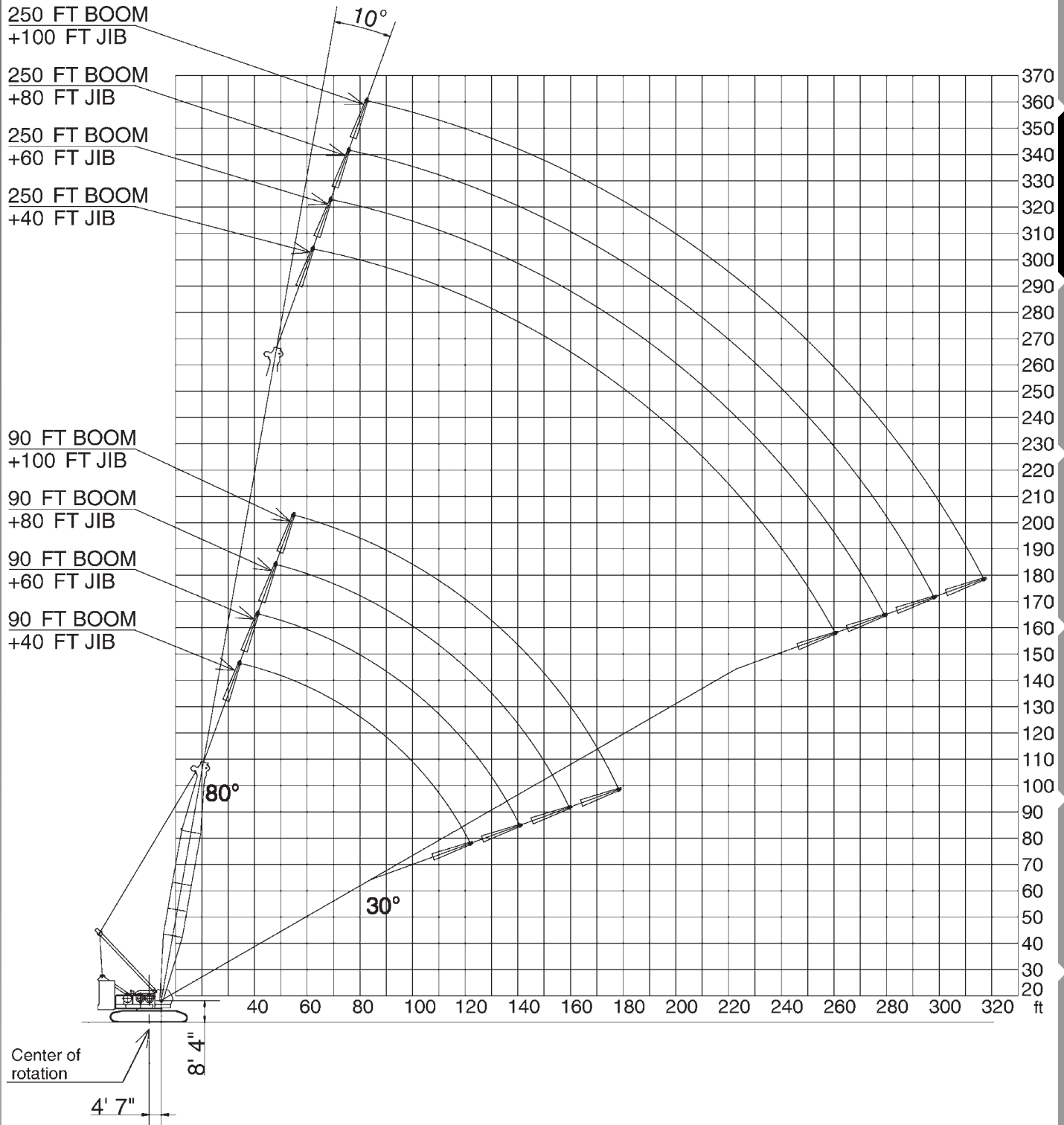
Transportation

ft	180	190	200	210	220	230	240	250	260	270	280	290	300	ft
38	177.1													38
40	169.5	164.2												40
45	150.2	146.9	141.6	140.5	138.3									45
50	134.3	131.7	128.6	126.3	124.1	119.7	116.4	108						50
55	120.4	118.5	116.3	113.8	111.9	108.2	107.3	103.1	97	89.2	82.2			55
60	108	107	105.3	103.1	101.4	99	97.4	95.7	93.7	86.8	80.3	73	67.7	60
65	96.6	96.1	95.7	94.1	92.6	90.5	88.9	87.4	85.6	83.2	78.2	71.2	65.9	65
70	87.2	86.9	86.6	85.8	85.1	83.4	81.7	80.3	78.7	76.9	74.4	69.5	64.2	70
75	79.2	78.9	78.5	78	77.9	76.7	75.3	74	72.5	70.8	69.4	66.8	62.4	75
80	72.3	71.8	71.6	71	71	70.3	69.5	68.4	66.9	65.3	64	63	60.2	80
85	66.2	65.8	65.6	65.1	64.9	64.2	64	63.3	61.9	60.4	59.2	58.3	56.8	85
90	61.1	60.8	60.5	60	59.8	59.1	58.9	58.6	57.6	56.1	55	54.1	52.8	90
95	56.6	56.3	56	55.4	55.2	54.6	54.3	54.1	53.4	52.2	51.2	50.3	49.1	95
100	52.6	52.1	51.9	51.3	51	50.6	50.2	49.9	49.5	48.6	47.6	46.8	45.6	100
105	48.9	48.4	48.2	47.6	47.3	46.9	46.5	46.2	45.8	45.1	44.4	43.6	42.5	105
110	45.7	45.3	45	44.4	44.1	43.7	43.3	43	42.6	41.9	41.4	40.8	39.6	110
115	42.7	42.4	42.1	41.5	41.2	40.7	40.3	40.1	39.6	39	38.7	38.1	37	115
120	40.1	39.8	39.4	38.9	38.5	38	37.6	37.4	36.9	36.3	36	35.6	34.6	120
125	37.7	37.3	37.1	36.4	36.2	35.5	35.1	34.9	34.4	33.8	33.5	33.3	32.3	125
130	35.5	35.1	34.7	34.2	34	33.3	32.9	32.7	32.2	31.6	31.2	31	30.2	130
135	33.5	33	32.7	32.2	31.9	31.3	30.8	30.6	30.2	29.5	29.2	29	28.3	135
140	31.6	31.2	30.9	30.2	30	29.3	29	28.7	28.2	27.6	27.4	27.1	26.5	140
145	29.9	29.5	29.1	28.4	28.2	27.5	27.3	26.9	26.4	25.8	25.5	25.3	24.8	145
150	28.3	27.8	27.6	26.9	26.7	26	25.6	25.4	24.9	24.3	23.8	23.6	23.2	150
155	26.9	26.3	26.1	25.4	25.2	24.5	24.2	23.8	23.4	22.7	22.3	22.1	21.5	155
160	25.4	24.9	24.6	24	23.7	23.1	22.9	22.4	22	21.2	20.8	20.6	19.9	160
165		23.7	23.3	22.7	22.4	21.8	21.5	21.1	20.6	19.8	19.3	19.1	18.4	165
170			22.1	21.5	21.3	20.6	20.2	19.7	19.3	18.4	18	17.7	17.1	170
175			21	20.4	20.1	19.4	19	18.5	17.9	17.2	16.8	16.4	15.9	175
180				19.3	19	18.2	17.8	17.4	16.7	16	15.6	15.2	14.7	180
185				18.2	18	17.1	16.7	16.2	15.6	14.9	14.5	14	13.5	185
190					17	16.1	15.7	15.2	14.6	13.9	13.5	13	12.4	190
195					16	15.1	14.7	14.2	13.6	12.9	12.4	12	11.3	195
200						14.2	13.8	13.3	12.6	11.9	11.4	11.1	10.4	200
205							12.9	12.5	11.8	10.9	10.5	10.3	9.6	205
210							12.1	11.6	11	10.1	9.6	9.4	8.8	210
215								10.8	10.1	9.4	9	8.6	7.9	215
220								10.1	9.4	8.6	8.2	7.7	7	220
225									8.7	7.9	7.4	7	6	225
230									8	7.2	6.7	6.3		230
235										6.5	6.1	5.6		235
240											5.5			240

with 52,900 carbody counterweight

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General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

250 t Crawler Crane

KOBELCO CK 2500-II



General Information



75
75%

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

ft	40																ft					
90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	ft					
34	59																34					
36	58.4	58.2															36					
38	57.1	57.5	58.2														38					
40	56	56.8	57.6	58.3													40					
45	53.9	54.9	55.7	56.5	57.1	57.7	58.2										45					
50	51.8	53.1	53.9	54.7	55.5	56.2	56.8	57.3	57.9	58.2							50					
55	49.6	51.4	52.3	53.1	53.9	54.6	55.3	55.9	56.5	57	57.5	57.9					55					
60	47.7	49.8	50.8	51.7	52.5	53.2	53.9	54.5	55.1	55.7	56.2	56.7	57.1	57.6	57.9		60					
65	45.8	48.4	49.4	50.3	51.1	51.9	52.6	53.3	53.9	54.4	55	55.5	56	56.4	56.8	57.2	57.6	65				
70	44.3	46.9	48	48.8	49.7	50.6	51.2	51.8	52.4	53.2	53.7	54.4	54.9	55.3	55.8	56.2	56.6	70				
75	42.7	45.5	46.6	47.6	48.4	49.5	49.9	50.3	51.1	52	52.4	53.2	53.8	54.3	54.8	55.2	55.6	75				
80	41.3	44.2	45.3	46.4	47.1	48.4	48.6	49	49.9	50.8	51.3	51.9	52.8	53.3	53.8	54.2	54.7	80				
85	39.9	43	44.1	45.2	45.9	47.3	47.4	47.7	48.7	49.6	50.3	50.9	51.9	52.4	52.9	53.3	53.8	85				
90	38.6	41.7	43.1	44	44.5	46.1	46.1	46.5	47.7	48.6	49.3	49.9	51	51.3	52	52.4	52.9	90				
95	37.5	40.3	42	42.9	43.4	44.8	44.8	45.4	46.7	47.6	48.3	48.9	50	50.1	51.1	51	50.3	95				
100	36.4	39	40.8	41.7	42.3	43.7	43.7	44.4	45.7	46.6	47.3	47.9	49	48.8	49.5	48.6	46.9	100				
105	35.4	37.9	39.6	40.5	41.2	42.7	42.5	43.4	44.7	45.6	46.2	46.9	47.8	47.1	46	45.1	43.9	105				
110	34.4	36.5	38.5	39.5	40	41.7	41.3	42.4	43.7	44.6	45.1	44.9	44.6	44	43.2	42.4	41.2	110				
115	33.4	35.3	37.3	38.4	38.8	40.6	40	41.4	42.8	42.9	42.7	42.3	41.6	41	40.3	39.8	38.7	115				
120	32.3	34.1	36	37.2	37.7	39.4	38.7	40.3	41.3	40.7	40	39.6	38.9	38.3	37.6	37.2	36.3	120				
125		32.9	34.7	36	36.7	38.2	37.6	39.1	38.8	38.2	37.5	37.1	36.4	35.8	35.1	34.7	34	125				
130			33.5	35	35.7	37.2	36.2	37.2	36.6	36	35.2	34.9	34.2	33.6	32.9	32.5	31.8	130				
135			32.6	34.1	34.7	35.7	34.9	35.2	34.5	33.9	33.2	32.8	32.1	31.5	30.8	30.4	29.7	135				
140				33.1	33.7	34	33.5	33.3	32.6	32	31.3	30.9	30.2	29.6	28.9	28.5	27.8	140				
145				32.2	32.6	32.4	31.9	31.5	30.8	30.2	29.5	29.1	28.4	27.8	27.1	26.7	26	145				
150					31.5	31.1	30.2	29.8	29.2	28.6	27.8	27.5	26.7	26.1	25.4	25	24.3	150				
155					30.1	29.6	28.7	28.3	27.7	27.1	26.3	25.9	25.2	24.6	23.9	23.5	22.8	155				
160						28.1	27.3	26.8	26.2	25.6	24.9	24.5	23.8	23.2	22.5	22.1	21.4	160				
165							26	25.5	24.9	24.3	23.6	23.2	22.4	21.8	21.1	20.7	20	165				
170							24.8	24.3	23.7	23	22.3	21.9	21.2	20.6	19.9	19.4	18.7	170				
175								23.2	22.5	21.9	21.1	20.7	20	19.4	18.7	18.3	17.6	175				
180									22.1	21.4	20.8	20	19.6	18.9	18.3	17.6	17.2	16.5	180			
185										20.4	19.7	19	18.6	17.9	17.3	16.5	16.1	15.4	185			
190											18.8	18	17.6	16.9	16.3	15.6	15.1	14.4	190			
195											17.9	17.1	16.7	16	15.4	14.6	14.2	13.5	195			
200												16.2	15.8	15.1	14.5	13.8	13.3	12.6	200			
205												15.4	15	14.3	13.6	12.9	12.5	11.8	205			
210													14.2	13.5	12.8	12.1	11.7	11	210			
215													13.5	12.7	12.1	11.4	10.9	10.2	215			
220														12	11.4	10.7	10.2	9.5	220			
225															10.7	10	9.5	8.8	225			
230																10.1	9.3	8.9	8.2	230		
235																	8.7	8.3	7.5	235		
240																		8.1	7.7	7	240	
245																			7.1	6.4	245	
250																				6.6	5.9	250
255																					5.3	255

with 52,900 carbody counterweight

All information given are for reference only.



90-250 ft



60 ft
10°



198,400 lbs



21'



360°

75
75%

All information given are for reference only.

ft	60																	ft
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
45	45.2	45.9	46.5															45
50	43.4	44.2	44.9	45.5	46.1	46.6												50
55	41.8	42.6	43.3	43.9	44.6	45.1	45.6	46.1	45.3									55
60	40.2	41	41.8	42.5	43.1	43.7	44.3	44.8	44.1	45.7	46.2							60
65	38.8	39.7	40.4	41.2	41.8	42.4	43	43.6	42.9	44.5	45	45.4	45.8	46.2				65
70	37.5	38.4	39.2	39.9	40.6	41.2	41.8	42.4	41.8	43.4	43.9	44.3	44.7	45.1	45.5	45.8	46.2	70
75	36.3	37.2	38	38.8	39.5	40.1	40.7	41.3	40.8	42.3	42.8	43.3	43.7	44.1	44.5	44.9	45.2	75
80	35.2	36.1	36.9	37.7	38.4	39	39.7	40.3	39.8	41.3	41.8	42.3	42.7	43.2	43.5	43.9	44.3	80
85	33.9	35	35.9	36.6	37.4	38	38.7	39.3	38.9	40.4	40.9	41.4	41.8	42.2	42.6	43	43.4	85
90	32.2	33.7	34.9	35.7	36.4	37.1	37.7	38.4	38.1	39.5	40	40.5	40.9	41.4	41.8	42.2	42.6	90
95	30.5	32.2	33.6	34.8	35.5	36.2	36.9	37.5	37.2	38.6	39.1	39.6	40.1	40.5	41	41.4	41.8	95
100	29.1	30.6	32.1	33.7	34.6	35.4	36	36.6	36.4	37.8	38.3	38.8	39.3	39.8	40.2	40.6	41	100
105	27.7	29.2	30.7	32.1	33.5	34.6	35.2	35.9	35.7	37	37.5	38	38.5	39	39.4	39.9	40.3	105
110	26.6	28	29.4	30.7	32.1	33.3	34.5	35.1	35	36.3	36.8	37.3	37.8	38.3	38.7	39.1	39.6	110
115	25.5	26.8	28.2	29.5	30.8	32.1	33.3	34.3	34.2	35.6	36.1	36.6	37.1	37.6	38	38.5	38.9	115
120	24.5	25.8	27.1	28.4	29.6	30.8	32	33.2	33.1	34.9	35.4	35.9	36.4	36.9	37.2	37.4	37.5	120
125	23.6	24.8	26.1	27.3	28.5	29.7	30.9	32	32	34.2	34.8	35.3	35.8	36.2	36.2	35.8	34.9	125
130	22.8	24	25.2	26.3	27.5	28.6	29.8	30.9	30.9	33	34	34.7	34.8	34.5	34	33.6	32.9	130
135		23.2	24.3	25.4	26.6	27.7	28.8	29.9	29.9	32	33	33.5	33.1	32.6	31.9	31.5	30.8	135
140		22.4	23.5	24.6	25.7	26.8	27.8	28.9	29	30.9	31.8	31.9	31.2	30.6	29.9	29.5	28.9	140
145		21.8	22.8	23.9	24.9	25.9	27	28	28.1	30	30.4	30.1	29.4	28.8	28.1	27.7	27	145
150			22.2	23.2	24.2	25.2	26.2	27.1	27.3	29.1	28.9	28.4	27.7	27.1	26.5	26	25.4	150
155			21.6	22.5	23.5	24.4	25.4	26.4	26.5	27.8	27.4	26.9	26.2	25.6	24.9	24.5	23.8	155
160				21.9	22.8	23.8	24.7	25.6	25.7	26.5	25.9	25.4	24.8	24.2	23.5	23.1	22.4	160
165				21.3	22.2	23.1	24	24.9	24.6	25.3	24.4	24.1	23.4	22.8	22.1	21.7	21	165
170					21.7	22.6	23.4	24.3	23.4	23.9	23.2	22.8	22.1	21.5	20.8	20.4	19.7	170
175						22	22.9	23.7	22.3	22.7	22.1	21.6	21	20.4	19.7	19.2	18.6	175
180						21.5	22.3	22.8	21.3	21.6	21	20.5	19.8	19.2	18.5	18.1	17.4	180
185							21.8	21.8	20.3	20.6	20	19.5	18.8	18.2	17.5	17.1	16.4	185
190							21.4	20.9	19.3	19.6	19	18.5	17.8	17.2	16.5	16.1	15.4	190
195								19.9	18.4	18.6	18	17.6	16.9	16.3	15.6	15.1	14.4	195
200								19.1	17.6	17.7	17.1	16.7	16	15.4	14.7	14.2	13.5	200
205										16.9	16.2	15.8	15.1	14.5	13.8	13.4	12.7	205
210										16.3	15.4	15	14.3	13.7	13	12.6	11.9	210
215										15.4	14.7	14.3	13.6	13	12.3	11.8	11.1	215
220											14	13.6	12.9	12.2	11.5	11.1	10.4	220
225												13.3	12.9	12.2	11.6	10.8	9.7	225
230													12.2	11.5	10.9	10.2	9.7	230
235														10.9	10.3	9.6	9.1	235
240															10.3	9.7	8.5	240
245																9.1	8.4	245
250																8.6	7.8	250
255																	7.3	255
260																	6.8	260
265																		265
270																		270
275																		275

with 52,900 carbody counterweight

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

250 t Crawler Crane

KOBELCO CK 2500-II



General Information



90-250 ft



80 ft
10°



198,400 lbs



21'



360°

75

75%

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

ft	80																	ft						
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250							
50	26.3	26.7																	50					
55	25.4	25.8	26.1	26.4	26.7														55					
60	24.6	24.9	25.3	25.6	25.9	26.2	26.4												60					
65	23.7	24.1	24.5	24.8	25.1	25.4	25.7	26	26.2	26.4									65					
70	23	23.4	23.8	24.1	24.5	24.8	25	25.3	25.6	25.8	26	26.2	26.4						70					
75	22.2	22.7	23.1	23.4	23.8	24.1	24.4	24.7	25	25.2	25.4	25.6	25.9	26.1	26.1	26.4			75					
80	21.5	22	22.4	22.8	23.2	23.5	23.8	24.1	24.4	24.6	24.9	25.1	25.3	25.5	25.6	25.9	26.1	26.1	80					
85	20.8	21.3	21.8	22.2	22.6	22.9	23.2	23.5	23.8	24.1	24.3	24.6	24.8	25	25.1	25.4	25.6	25.6	85					
90	20.2	20.7	21.1	21.6	22	22.4	22.7	23	23.3	23.6	23.8	24.1	24.3	24.5	24.6	24.9	25.1	25.1	90					
95	19.6	20.1	20.5	21	21.4	21.8	22.1	22.5	22.8	23.1	23.3	23.6	23.8	24	24.2	24.5	24.7	24.7	95					
100	19	19.5	20	20.4	20.8	21.2	21.6	22	22.3	22.6	22.8	23.1	23.4	23.6	23.7	24	24.2	24.2	100					
105	18.4	19	19.4	19.9	20.3	20.7	21.1	21.4	21.8	22.1	22.4	22.7	22.9	23.1	23.3	23.6	23.8	23.8	105					
110	17.9	18.5	18.9	19.4	19.8	20.2	20.6	21	21.3	21.6	21.9	22.2	22.5	22.7	22.9	23.2	23.4	23.4	110					
115	17.5	18	18.5	18.9	19.3	19.7	20.1	20.5	20.8	21.2	21.5	21.8	22.1	22.3	22.5	22.8	23	23	115					
120	17	17.5	18	18.4	18.9	19.3	19.7	20	20.4	20.7	21	21.3	21.6	21.9	22.1	22.4	22.6	22.6	120					
125	16.6	17.1	17.6	18	18.4	18.9	19.2	19.6	20	20.3	20.6	20.9	21.2	21.5	21.7	22	22.3	22.3	125					
130	16.2	16.7	17.2	17.6	18	18.5	18.8	19.2	19.5	19.9	20.2	20.5	20.8	21.1	21.3	21.6	21.9	21.9	130					
135	15.9	16.3	16.8	17.2	17.6	18.1	18.4	18.8	19.2	19.5	19.8	20.1	20.4	20.7	20.9	21.3	21.5	21.5	135					
140	15.5	16	16.4	16.9	17.3	17.7	18.1	18.4	18.8	19.1	19.4	19.8	20.1	20.3	20.5	20.9	21.1	21.1	140					
145	15.2	15.6	16.1	16.5	16.9	17.3	17.7	18.1	18.4	18.8	19.1	19.4	19.7	20	20.2	20.5	20.8	20.8	145					
150	14.9	15.3	15.8	16.2	16.6	17	17.4	17.7	18.1	18.4	18.7	19.1	19.4	19.6	19.9	20.2	20.4	20.4	150					
155	14.7	15.1	15.5	15.9	16.3	16.7	17	17.4	17.8	18.1	18.4	18.7	19	19.3	19.5	19.9	20.1	20.1	155					
160		14.8	15.2	15.6	16	16.4	16.7	17.1	17.4	17.8	18.1	18.4	18.7	19	19.2	19.5	19.8	19.8	160					
165		14.6	14.9	15.3	15.7	16.1	16.4	16.8	17.1	17.5	17.8	18.1	18.4	18.7	18.9	19.2	19.5	19.5	165					
170			14.7	15.1	15.4	15.8	16.2	16.5	16.8	17.2	17.5	17.8	18.1	18.4	18.6	18.9	19.2	19.2	170					
175			14.5	14.8	15.2	15.5	15.9	16.2	16.6	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.9	18.9	175					
180				14.6	15	15.3	15.6	16	16.3	16.6	16.9	17.2	17.5	17.8	18	18.4	18.5	18.5	180					
185					14.7	15.1	15.4	15.7	16.1	16.4	16.7	17	17.3	17.6	17.8	18	17.8	18.5	185					
190					14.5	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17	17.3	17.5	17.2	16.7	19.0	190					
195						14.7	15	15.3	15.6	15.9	16.2	16.5	16.8	17.1	16.8	16.4	15.8	19.5	195					
200						14.5	14.8	15.1	15.4	15.7	16	16.3	16.5	16.5	15.9	15.5	14.9	20.0	200					
205							14.6	14.9	15.2	15.5	15.7	16	16.2	15.7	15.1	14.7	14	20.5	205					
210							14.4	14.7	15	15.3	15.5	15.8	15.4	14.9	14.2	13.8	13.2	21.0	210					
215								14.5	14.8	15.1	15.3	15.3	14.7	14.1	13.5	13.1	12.4	21.5	215					
220									14.6	14.9	14.9	14.6	14	13.4	12.7	12.3	11.7	22.0	220					
225									14.5	14.6	14.2	13.9	13.3	12.7	12	11.6	11	22.5	225					
230										14.2	13.6	13.2	12.6	12	11.3	10.9	10.3	23.0	230					
235										13.7	12.9	12.6	11.9	11.4	10.7	10.3	9.6	23.5	235					
240											12.4	12	11.3	10.8	10.1	9.7	9	24.0	240					
245											11.8	11.4	10.7	10.2	9.5	9.1	8.4	24.5	245					
250												10.8	10.2	9.6	8.9	8.5	7.9	25.0	250					
255													9.6	9.1	8.4	8	7.3	25.5	255					
260														9.1	8.5	7.9	7.5	26.0	260					
265															8	7.4	7	26.5	265					
270																7.5	6.9	6.5	27.0	270				
275																	6.4	6	27.5	275				
280																		5.6	4.9	28.0	280			
285																			5.1	4.5	28.5	285		
290																					4.1	29.0	290	
295																						3.7	29.5	295

with 52,900 carbody counterweight

All information given are for reference only.



90-250 ft



100 ft
10°



198,400 lbs



21'



360°

75
75%

All information given are for reference only.

ft	100																	ft
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
55	14.8																	55
60	14.2	14.4	14.6	14.8														60
65	13.7	13.9	14.1	14.3	14.6	14.8												65
70	13.2	13.4	13.6	13.8	14.1	14.3	14.3	14.5	14.7									70
75	12.7	12.9	13.1	13.4	13.6	13.8	13.9	14.1	14.2	14.4	14.5	14.7						75
80	12.2	12.4	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14	14.1	14.2	14.4	14.4	14.6			80
85	11.7	12.1	12.3	12.5	12.8	12.9	13	13.2	13.4	13.6	13.6	13.9	14.1	14.1	14.3	14.3	14.5	85
90	11.3	11.6	11.8	12.1	12.3	12.5	12.7	12.9	13.1	13.3	13.3	13.5	13.7	13.7	14	14	14.2	90
95	11	11.2	11.4	11.7	11.9	12.1	12.3	12.5	12.7	13	13	13.2	13.4	13.4	13.6	13.7	13.8	95
100	10.6	10.9	11.1	11.3	11.5	11.7	12	12.2	12.4	12.6	12.6	12.9	13.1	13.1	13.3	13.5	13.5	100
105	10.3	10.5	10.8	11	11.2	11.4	11.7	11.9	12.1	12.3	12.3	12.5	12.7	13	13	13.2	13.2	105
110	10	10.2	10.5	10.7	10.9	11.1	11.4	11.5	11.7	12	12.1	12.2	12.4	12.6	12.6	12.8	13	110
115	9.7	9.9	10.1	10.4	10.6	10.9	11.1	11.2	11.4	11.6	11.8	12	12.1	12.3	12.4	12.5	12.7	115
120	9.4	9.6	9.9	10.1	10.4	10.6	10.8	10.9	11.1	11.4	11.5	11.7	11.8	12	12.2	12.2	12.5	120
125	9.2	9.4	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.2	11.4	11.6	11.8	11.8	12.1	12.3	125
130	8.9	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.8	11	11.2	11.3	11.5	11.7	11.7	11.9	130
135	8.7	8.9	9.1	9.4	9.6	9.8	10	10.2	10.4	10.6	10.7	10.9	11.1	11.3	11.4	11.5	11.7	135
140	8.5	8.7	8.9	9.2	9.4	9.6	9.8	10	10.2	10.4	10.5	10.7	10.9	11	11.1	11.3	11.5	140
145	8.3	8.5	8.7	9	9.2	9.4	9.6	9.8	10	10.2	10.3	10.5	10.7	10.7	11	11.1	11.2	145
150	8.1	8.4	8.5	8.8	9	9.2	9.4	9.6	9.8	10	10.1	10.3	10.4	10.6	10.8	10.9	11	150
155	8	8.2	8.3	8.6	8.8	9	9.2	9.4	9.6	9.8	9.9	10	10.2	10.4	10.6	10.7	10.8	155
160	7.8	8	8.2	8.4	8.6	8.8	9	9.2	9.4	9.6	9.7	9.8	10	10.2	10.4	10.5	10.7	160
165	7.6	7.9	8.1	8.3	8.4	8.6	8.8	9	9.2	9.4	9.5	9.6	9.8	10	10.1	10.3	10.5	165
170	7.3	7.7	7.9	8.1	8.3	8.4	8.7	8.8	9	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.3	170
175	7.1	7.5	7.7	8	8.2	8.3	8.5	8.6	8.8	9.1	9.1	9.3	9.5	9.6	9.7	10	10.1	175
180		7.3	7.6	7.8	8	8.2	8.4	8.5	8.7	8.9	9	9.2	9.3	9.5	9.6	9.8	9.9	180
185		6.8	7.4	7.6	7.8	8.1	8.3	8.3	8.5	8.7	8.8	9	9.2	9.4	9.4	9.6	9.8	185
190			7	7.5	7.7	7.9	8.1	8.2	8.4	8.6	8.6	8.8	9	9.2	9.2	9.4	9.7	190
195				7.4	7.5	7.8	7.9	8.1	8.3	8.4	8.5	8.7	8.9	9.1	9.2	9.3	9.5	195
200				7.3	7.4	7.7	7.8	8	8.2	8.3	8.4	8.6	8.8	8.9	9.1	9.1	9.3	200
205					7.4	7.6	7.6	7.9	8.1	8.2	8.3	8.5	8.6	8.7	8.9	9	9.2	205
210					7.2	7.4	7.5	7.8	7.9	8.1	8.1	8.3	8.5	8.6	8.8	8.9	9	210
215						7.3	7.4	7.7	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.8	8.9	215
220							7.3	7.6	7.7	7.8	8	8	8.3	8.4	8.5	8.7	8.7	220
225								7.1	7.5	7.6	7.7	7.8	7.9	8.1	8.3	8.4	8.5	225
230									6.7	7.4	7.4	7.7	7.7	7.9	8	8.1	8.3	230
235										7.1	7.4	7.5	7.7	7.7	7.9	8.1	8.2	235
240											7.2	7.4	7.5	7.7	7.8	8	8.2	240
245												6.8	7.4	7.6	7.7	7.9	8	245
250													7.2	7.4	7.6	7.8	7.9	250
255														7.3	7.4	7.5	7.7	255
260															7.1	7.3	7.4	260
265																7.2	7.4	265
270																7.1	7.4	270
275																	7.2	275
280																	7.1	280
285																	6.7	285
290																		290
295																		295
300																		300
305																		305
310																		310

with 52,900 carbody counterweight

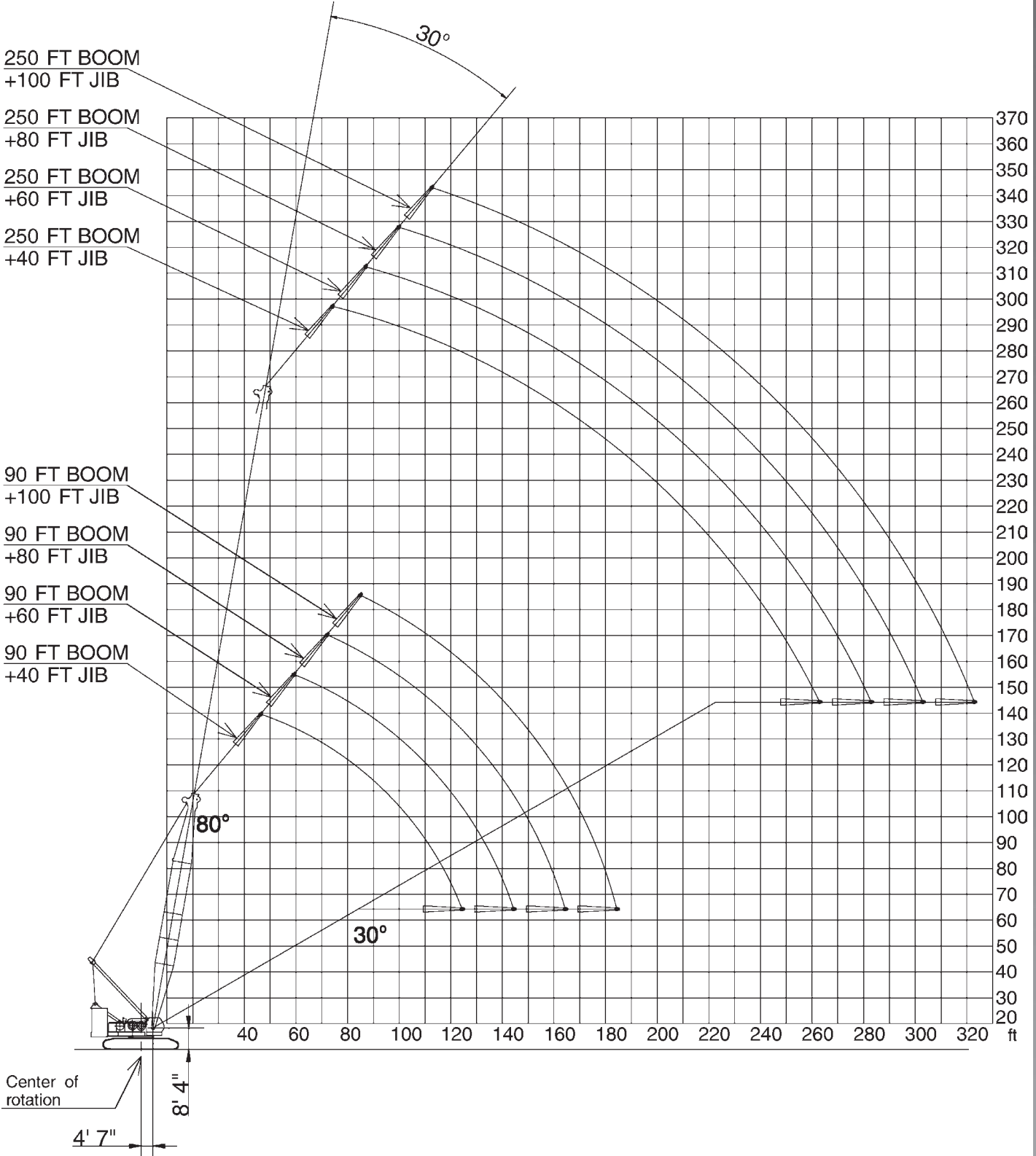
General Information
Hydraulic Truck Cranes
Crawler Cranes
Carry Decks
Rough Terrain Cranes
Rigging Equipment
Aerial Lifts
Transportation

250 t Crawler Crane

KOBELCO CK 2500-II



General Information
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90-250 ft



40 ft
30°



198,400 lbs



21'



360°

75
75%

All information given are for reference only.

ft	40																	ft
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
50	41.7	42.1	42.4															50
55	40.5	41.1	41.5	41.8	42.1	42.3												55
60	39	39.9	40.6	41	41.3	41.6	41.9	42.1										60
65	37.3	38.2	39.1	39.9	40.6	40.9	41.2	41.4	41.7	41.9	42.1							65
70	35.7	36.7	37.6	38.5	39.3	39.8	40.4	40.8	41.1	41.3	41.5	41.7	41.9	42				70
75	34.3	35.3	36.3	37.1	37.9	38.6	39.3	39.9	40.3	40.7	41	41.2	41.4	41.5	41.7	41.9	42	75
80	33.1	34.1	35	35.9	36.6	37.4	38.1	38.7	39.3	39.9	40.3	40.6	40.9	41.1	41.2	41.4	41.5	80
85	32	33	33.9	34.7	35.5	36.2	36.9	37.6	38.2	38.8	39.3	39.8	40.4	40.6	40.8	41	41.1	85
90	31	32	32.8	33.7	34.5	35.2	35.9	36.6	37.2	37.8	38.3	38.8	39.4	39.7	40.1	40.5	40.7	90
95	30.1	31	31.9	32.7	33.5	34.3	35	35.6	36.2	36.8	37.4	37.9	38.4	38.9	39.3	39.8	40.1	95
100	29.4	30.2	31.1	31.9	32.6	33.4	34.1	34.7	35.3	35.9	36.5	37	37.5	38	38.4	38.9	39.3	100
105	28.7	29.5	30.3	31.1	31.8	32.5	33.2	33.9	34.5	35.1	35.6	36.2	36.7	37.1	37.6	38	38.5	105
110	28.1	28.9	29.6	30.4	31.1	31.8	32.5	33.1	33.7	34.3	34.9	35.4	35.9	36.4	36.8	37.3	37.7	110
115	27.7	28.3	29	29.7	30.4	31.1	31.8	32.4	33	33.6	34.1	34.6	35.2	35.6	36.1	36.5	37	115
120	27.4	27.9	28.5	29.1	29.8	30.5	31.1	31.7	32.3	32.9	33.4	34	34.5	34.9	35.4	35.8	36.3	120
125		27.5	28	28.6	29.2	29.9	30.5	31.1	31.7	32.2	32.8	33.3	33.8	34.3	34.7	35.1	35.5	125
130		27.4	27.7	28.2	28.8	29.3	29.9	30.5	31.1	31.6	32.2	32.7	33.2	33.7	33.9	33.6	33.3	130
135			27.4	27.8	28.3	28.9	29.4	30	30.5	31.1	31.6	32.1	32.5	32.3	32	31.7	31.2	135
140			27.3	27.5	27.9	28.5	29	29.5	30	30.6	31.1	31.2	31.3	30.7	30	29.8	29.1	140
145				27.3	27.6	28.1	28.5	29.1	29.6	30	30.4	29.9	29.5	28.8	28.2	27.9	27.3	145
150					27.4	27.8	28.2	28.6	29.1	29.2	28.7	28.3	27.6	27.2	26.5	26.1	25.6	150
155					27.3	27.5	27.9	28.3	28.1	27.7	27.2	26.7	26.1	25.6	25	24.5	23.9	155
160						27.3	27.3	27.4	26.8	26.2	25.6	25.3	24.6	24.1	23.4	23.1	22.4	160
165							27	26.4	26	25.5	24.8	24.2	23.9	23.3	22.6	22	21.7	165
170								25	24.8	24.1	23.5	22.8	22.6	21.9	21.3	20.6	20.4	170
175									23.8	23.5	22.9	22.3	21.6	21.4	20.7	20.1	19.4	175
180										22.3	21.8	21.1	20.5	20.2	19.6	19	18.2	180
185											20.6	20	19.5	19.1	18.4	17.9	17.1	185
190											19.6	19	18.3	18.1	17.4	16.8	16.1	190
195												18.1	17.3	17.1	16.4	15.9	15.1	195
200													17.1	16.4	16.2	15.5	15	200
205														15.6	15.3	14.7	14	205
210															14.5	13.8	13.2	210
215																13.7	13	215
220																	12.3	220
225																		225
230																		230
235																		235
240																		240
245																		245
250																		250
255																		255
260																		260

with 52,900 carbody counterweight

General Information

Hydraulic Truck Cranes

Crawler Cranes

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Rough Terrain Cranes

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Transportation


250 t Crawler Crane


KOBELCO CK 2500-II





General Information
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Crawler Cranes
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Aerial Lifts
Transportation


 90-250 ft


 60 ft
30°


 198,400 lbs


 21'


 360°

75

75%

ft	60																	ft									
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250										
60	29.5																	60									
65	29.5	29.5	29.5	29.5														65									
70	29.1	29.3	29.5	29.5	29.5	29.5	29.5											70									
75	28.4	28.8	29.1	29.3	29.5	29.5	29.5	29.5	29.5	29.5								75									
80	27.5	28.1	28.5	28.8	29	29.3	29.5	29.5	29.5	29.5	29.5	29.5						80									
85	26.4	27.1	27.7	28.3	28.5	28.8	29	29.2	29.4	29.3	29.5	29.5	29.5	29.5	29.5			85									
90	25.4	26.1	26.7	27.3	27.8	28.3	28.6	28.8	29	29.1	29.3	29.4	29.4	29.5	29.5	29.5	29.5	90									
95	24.5	25.2	25.8	26.5	27	27.6	27.9	28.3	28.6	28.8	28.9	29.1	29.3	29.4	29.4	29.5	29.4	95									
100	23.7	24.4	25	25.6	26.2	26.7	27.2	27.7	28.1	28.3	28.6	28.7	28.9	29.1	29.2	29.3	29.3	100									
105	22.9	23.6	24.2	24.9	25.4	26	26.5	26.9	27.4	27.8	28.2	28.4	28.6	28.7	28.9	29	29.1	105									
110	22.3	22.9	23.6	24.2	24.7	25.3	25.8	26.2	26.7	27.1	27.5	27.9	28.2	28.4	28.6	28.7	28.8	110									
115	21.7	22.3	22.9	23.5	24.1	24.6	25.1	25.6	26	26.5	26.9	27.3	27.7	27.9	28.2	28.4	28.5	115									
120	21.1	21.8	22.4	22.9	23.5	24	24.5	25	25.4	25.8	26.3	26.7	27	27.4	27.7	28	28.3	120									
125	20.7	21.2	21.8	22.4	22.9	23.4	23.9	24.4	24.8	25.3	25.7	26.1	26.4	26.8	27.2	27.5	28	125									
130	20.3	20.8	21.3	21.9	22.4	22.9	23.4	23.9	24.3	24.7	25.1	25.5	25.9	26.3	26.6	26.9	27.3	130									
135	20	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.8	24.2	24.6	25	25.4	25.7	26.1	26.4	26.7	135									
140	19.7	20.1	20.5	21	21.5	22	22.4	22.9	23.3	23.7	24.1	24.5	24.9	25.3	25.6	25.9	26.3	140									
145		19.8	20.2	20.6	21.1	21.6	22	22.4	22.9	23.3	23.7	24.1	24.4	24.8	25.1	25.5	25.8	145									
150		19.7	19.9	20.3	20.8	21.2	21.6	22	22.4	22.9	23.2	23.6	24	24.3	24.7	25	25.3	150									
155			19.7	20	20.4	20.8	21.3	21.7	22.1	22.5	22.8	23.2	23.6	23.9	24.3	24.6	24.9	155									
160			19.6	19.8	20.1	20.5	20.9	21.3	21.7	22.1	22.5	22.8	23.2	23.6	23.9	24.2	24.2	160									
165				19.7	19.9	20.2	20.6	21	21.4	21.7	22.1	22.5	22.8	23.2	23.4	23.6	23.1	165									
170					19.7	20	20.3	20.7	21	21.4	21.8	22.1	22.5	22.8	22.6	22.3	21.8	170									
175						19.6	19.8	20.1	20.4	20.8	21.1	21.5	21.8	22.1	21.9	21.4	21.1	20.5	175								
180							19.7	19.9	20.2	20.5	20.8	21.2	21.4	21.3	20.8	20.2	19.9	19.3	180								
185								19.6	19.7	20	20.3	20.6	20.8	20.8	20.2	19.7	19.1	18.7	185								
190									19.6	19.8	20	20.3	20	19.7	19.1	18.6	18	17.7	190								
195										19.6	19.7	19.9	19.5	19	18.7	18.1	17.6	17	16.7	195							
200											19.3	19.2	18.6	18	17.7	17.1	16.6	16	15.7	200							
205												18.2	17.8	17.1	16.8	16.2	15.7	15.1	14.8	14.2	205						
210													17.4	16.9	16.3	16	15.4	14.9	14.3	13.9	13.3	210					
215														16.1	15.4	15.1	14.5	14	13.4	13.1	12.5	215					
220															15.2	14.6	14.3	13.8	13.3	12.7	12.3	11.7	220				
225																	13.9	13.6	13	12.5	11.9	11.6	11	225			
230																		12.9	12.3	11.8	11.2	10.8	10.2	230			
235																			12.2	11.6	11.1	10.5	10.1	9.5	235		
240																				10.9	10.4	9.8	9.5	8.9	240		
245																					10.3	9.8	9.2	8.9	8.2	245	
250																						9.2	8.6	8.2	7.6	250	
255																							8.6	8	7.7	7	255
260																								7.4	7.1	6.5	260
265																									6.5	5.9	265
270																									6	5.4	270
275																										4.9	275
280																										4.4	280

with 52,900 carbody counterweight

All information given are for reference only.



90-250 ft



80 ft
30°



198,400 lbs



21'



360°

75
75%

All information given are for reference only.

ft	80																	ft
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
75	17.7	17.8																75
80	17.2	17.4	17.5	17.7	17.8													80
85	16.8	17	17.1	17.3	17.4	17.5	17.7	17.8										85
90	16.4	16.6	16.8	16.9	17.1	17.2	17.3	17.4	17.6	17.7	17.8							90
95	16	16.2	16.4	16.6	16.7	16.9	17	17.1	17.2	17.4	17.5	17.5	17.6	17.7				95
100	15.6	15.9	16.1	16.2	16.4	16.6	16.7	16.8	17	17.1	17.2	17.3	17.4	17.4	17.5	17.6	17.7	100
105	15.3	15.5	15.7	15.9	16.1	16.3	16.4	16.5	16.7	16.8	16.9	17	17.1	17.2	17.3	17.4	17.4	105
110	15	15.2	15.4	15.6	15.8	16	16.1	16.3	16.4	16.5	16.6	16.8	16.9	17	17	17.1	17.2	110
115	14.7	14.9	15.2	15.4	15.5	15.7	15.9	16	16.1	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17	115
120	14.5	14.7	14.9	15.1	15.3	15.5	15.6	15.8	15.9	16	16.2	16.3	16.4	16.5	16.6	16.7	16.8	120
125	14.2	14.4	14.6	14.8	15	15.2	15.4	15.5	15.7	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	125
130	14	14.2	14.4	14.6	14.8	15	15.1	15.3	15.4	15.6	15.7	15.8	16	16.1	16.2	16.3	16.4	130
135	13.8	14	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.4	15.5	15.6	15.8	15.9	16	16.1	16.2	135
140	13.6	13.8	14	14.2	14.4	14.6	14.7	14.9	15	15.2	15.3	15.4	15.6	15.7	15.8	15.9	16	140
145	13.5	13.7	13.8	14	14.2	14.4	14.5	14.7	14.8	15	15.1	15.3	15.4	15.5	15.6	15.7	15.8	145
150	13.4	13.5	13.7	13.9	14	14.2	14.4	14.5	14.7	14.8	14.9	15.1	15.2	15.3	15.4	15.5	15.6	150
155	13.3	13.4	13.6	13.7	13.9	14	14.2	14.3	14.5	14.6	14.8	14.9	15	15.1	15.3	15.4	15.5	155
160	13.3	13.4	13.5	13.6	13.7	13.9	14	14.2	14.3	14.5	14.6	14.7	14.9	15	15.1	15.2	15.3	160
165		13.3	13.4	13.5	13.6	13.7	13.9	14	14.2	14.3	14.5	14.6	14.7	14.8	14.9	15	15.1	165
170		13.3	13.3	13.4	13.5	13.6	13.8	13.9	14	14.2	14.3	14.4	14.6	14.7	14.8	14.9	15	170
175			13.3	13.3	13.4	13.5	13.6	13.8	13.9	14	14.2	14.3	14.4	14.5	14.6	14.8	14.9	175
180			13.3	13.3	13.3	13.4	13.5	13.7	13.8	13.9	14	14.2	14.3	14.4	14.5	14.6	14.7	180
185				13.3	13.3	13.4	13.4	13.6	13.7	13.8	13.9	14	14.1	14.3	14.4	14.5	14.6	185
190					13.3	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14	14.1	14.2	14.4	14.5	190
195						13.3	13.3	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14	14.1	14.2	195
200							13.3	13.3	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14	14.1	200
205								13.3	13.3	13.3	13.3	13.4	13.5	13.6	13.7	13.8	13.9	205
210									13.3	13.3	13.2	13.3	13.4	13.5	13.6	13.7	13.8	210
215										13.3	13.3	13.2	13.3	13.4	13.5	13.6	13.7	215
220											13.3	13.2	13.3	13.3	13.4	13.5	13.5	220
225												13.2	13.2	13.3	13.3	13.4	13.3	225
230													13.2	13.2	13.2	13.3	12.9	230
235														13.2	13.2	13	12.6	235
240															13.2	12.8	12.4	240
245																12.2	11.8	245
250																	11.1	250
255																	10.6	255
260																	9.5	260
265																	9	265
270																	7.9	270
275																	7.4	275
280																	6.3	280
285																	5.5	285
290																	5.1	290
295																		295
300																		300

with 52,900 carbody counterweight

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

250 t Crawler Crane

KOBELCO CK 2500-II



General Information
Hydraulic Truck Cranes
Crawler Cranes
Carry Decks
Rough Terrain Cranes
Rigging Equipment
Aerial Lifts
Transportation



75
75%

ft	100																	ft
	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
85	9.7																	85
90	9.4	9.5	9.6															90
95	9.1	9.2	9.3	9.3	9.4	9.5												95
100	8.9	8.9	9.1	9.2	9.2	9.4	9.4	9.3	9.2									100
105	8.7	8.8	8.9	9	9	9.2	9.2	9.2	9.2	9.4	9.4	9.4						105
110	8.5	8.6	8.7	8.8	8.8	9	9	9.1	9.2	9.3	9.3	9.3	9.3	9.2	9.4			110
115	8.3	8.4	8.5	8.7	8.7	8.9	8.9	8.9	9.1	9.1	9.1	9.1	9.2	9.2	9.3	9.3	9.3	115
120	8.2	8.3	8.4	8.5	8.5	8.7	8.7	8.7	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.2	9.3	120
125	8.1	8.1	8.2	8.3	8.3	8.5	8.5	8.6	8.8	8.8	8.8	8.8	9	9	9	9.1	9.2	125
130	7.9	7.9	8.1	8.2	8.2	8.4	8.4	8.5	8.6	8.6	8.6	8.8	8.8	8.8	8.8	9	9	130
135	7.8	7.8	8	8	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	135
140	7.6	7.7	7.8	7.9	8	8.1	8.2	8.3	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8	140
145	7.5	7.6	7.7	7.8	7.9	8	8.1	8.1	8.2	8.3	8.3	8.3	8.5	8.5	8.5	8.6	8.6	145
150	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8	8.1	8.2	8.2	8.3	8.4	8.4	8.4	8.5	8.5	150
155	7.3	7.3	7.5	7.6	7.7	7.8	7.8	7.9	8	8.1	8.1	8.2	8.3	8.3	8.3	8.4	8.4	155
160	7.2	7.2	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8	8	8	8.2	8.2	8.2	8.3	8.3	160
165	7.2	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	7.9	8.1	8.1	8.1	8.2	8.3	165
170	7.1	7.2	7.3	7.3	7.4	7.5	7.5	7.6	7.7	7.8	7.8	7.9	8	8	8.1	8.1	8.2	170
175	6.7	7.1	7.2	7.2	7.3	7.3	7.4	7.5	7.5	7.7	7.7	7.7	7.9	7.9	8	8	8.1	175
180	6.5	6.8	7.1	7.1	7.2	7.2	7.4	7.4	7.4	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8	180
185		6.5	6.9	7	7.2	7.2	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	185
190		6.4	6.6	6.8	7.2	7.2	7.2	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	190
195			6.4	6.6	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.7	7.7	7.7	195
200			6.1	6.5	6.9	7	7.2	7.2	7.2	7.2	7.3	7.3	7.4	7.4	7.6	7.6	7.7	200
205				6.3	6.7	7	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.5	7.5	7.6	205
210				6.6	6.9	7	7.1	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.6	210
215				6.2	6.7	6.8	7	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	215
220					6.4	6.7	6.9	7	7	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.4	220
225					6.2	6.5	6.7	7	7	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	225
230						6.3	6.6	7	7	7	7	7.1	7.2	7.2	7.2	7.2	7.2	230
235						6.2	6.4	6.8	7	7	7	7	7.1	7	7.2	7.2	7.2	235
240							6.2	6.7	6.9	6.9	7	7	7	7	7.2	7.2	7.2	240
245								6.4	6.7	6.7	7	7	7	7	7.2	7.2	7.2	245
250								6.1	6.5	6.5	7	7	7	7	7.1	7.1	7.2	250
255									6.4	6.4	6.8	7	7	7	7	7	7.1	255
260									6.2	6.3	6.6	6.9	7	7	7	7	7	260
265										6.3	6.5	6.7	7	7	7	7	7	265
270											6.3	6.5	7	7	7	7	6.9	270
275												6.1	6.4	6.8	7	6.8	6.6	275
280													6.3	6.6	6.7	6.5	6.3	280
285														6.2	6.5	6.4	6.2	285
290															6.3	6.1	5.8	290
295															6.1	5.9	5.5	295
300																5.4	5.1	300
305																	4.7	305
310																	4.2	310
315																	3.5	315

with 52,900 carbody counterweight

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