



LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2500-II - 250 TON CAPACITY

15 Counterweights + 2 Low Weights

200' Boom							200' Boom						
Load Radius (ft.)	100 ft Jib						Load Radius (ft.)	110 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
45	74,700 *						45						
50	69,200 *						50	59,000 *					
55	64,100 *						55	59,000 *					
60	59,900 *						60	59,000 *					
65	56,200 *						65	56,000 *					
70	52,600 *	63,900 *					70	52,400 *					
75	49,800 *	59,700 *					75	49,600 *	59,000 *				
80	47,100 *	55,700 *					80	46,700 *	55,500 *				
85	44,700 *	52,400 *					85	44,500 *	52,200 *				
90	42,500 *	49,300 *					90	42,300 *	49,100 *				
95	40,500 *	46,700 *	47,600				95	40,300 *	46,500 *				
100	39,000 *	44,300 *	44,500				100	38,300 *	44,000 *	44,500			
110	36,100 *	40,100 *	39,400				110	35,500 *	39,900 *	39,200			
120		36,800 *	35,200	30,600			120	33,000 *	36,300 *	35,000			
130			31,700	27,500			130		33,500 *	31,700	27,500		
140			28,800	24,900			140			28,600	24,900		
150				22,700	18,300		150			26,200	22,700	18,000	
160				20,700	16,500		160				20,700	16,300	
170					14,900	11,000	170				18,900	14,700	
180					13,600	9,900	180					13,400	9,700
190						8,800	190					12,300	8,800
200							200						7,900

200' Boom							200' Boom						
Load Radius (ft.)	120 ft Jib						Load Radius (ft.)	130 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
50	59,000 *						50						
55	59,000 *						55	59,000 *					
60	59,000 *						60	58,800 *					
65	55,300 *						65	54,900 *					
70	52,000 *						70	51,500 *					
75	48,900 *						75	48,500 *					
80	46,300 *	53,300 *					80	45,800 *	52,900 *				
85	43,800 *	50,200 *					85	43,400 *	50,000 *				
90	41,600 *	47,400 *					90	41,200 *	47,100 *				
95	39,600 *	44,900 *					95	39,200 *	44,500 *				
100	37,900 *	42,500 *					100	37,200 *	42,300 *				
110	34,600 *	38,500 *	38,800				110	34,100 *	38,100 *	38,500			
120	31,900 *	35,200 *	34,600				120	31,500 *	34,800 *	34,300			
130	29,100 *	32,400 *	31,300	27,500			130	29,300 *	31,900 *	30,800			
140		30,200 *	28,200	24,900			140	25,500 *	29,500 *	28,000	24,400		
150			25,700	22,700			150		27,500 *	25,500	22,200		
160			23,500	20,700	15,600		160			23,300	20,200		
170				18,900	14,100		170			21,300	18,500	13,600	
180				17,100	12,700	9,700	180				16,900	12,300	
190					11,600	8,500	190				15,400	11,000	8,100
200					10,500	7,700	200					10,100	7,200
210						6,800	210						

STERLING CRANE

CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

200' Boom							200' Boom						
Load Radius (ft.)	140 ft Jib						Load Radius (ft.)	150 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
55	56,400 *						55						
60	55,800 *						60	50,700 *					
65	54,400 *						65	49,100 *					
70	51,100 *						70	46,300 *					
75	48,000 *						75	43,800 *					
80	45,400 *						80	41,600 *					
85	42,900 *	49,300 *					85	39,400 *					
90	40,700 *	46,500 *					90	37,700 *	45,200 *				
95	38,500 *	44,000 *					95	35,900 *	42,700 *				
100	36,800 *	41,600 *					100	34,100 *	40,700 *				
110	33,500 *	37,700 *					110	31,300 *	36,800 *				
120	30,800 *	34,300 *	33,900				120	28,800 *	33,700 *	34,100			
130	28,400 *	31,500 *	30,400				130	26,900 *	30,800 *	30,800			
140	26,400 *	29,100 *	27,500	24,000			140	24,900 *	28,400 *	28,000			
150	22,400 *	26,900 *	25,100	21,800			150	23,300 *	26,400 *	25,300	21,600		
160		25,100 *	22,900	19,600			160	20,900 *	24,600 *	23,300	19,400		
170			21,100	17,800	13,000		170		23,100 *	21,300	17,600		
180			19,400	16,300	11,600		180			19,600	16,000	12,100	
190				14,900	10,300		190			18,300	14,700	10,800	
200				13,600	9,400		200				13,400	9,900	
210					8,500		210				12,300	8,800	
220							220					8,100	

200' Boom							200' Boom						
Load Radius (ft.)	160 ft Jib						Load Radius (ft.)	170 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
60	45,200 *						60						
65	42,300 *						65	37,900 *					
70	39,900 *						70	35,500 *					
75	37,700 *						75	33,500 *					
80	35,700 *						80	31,500 *					
85	33,700 *						85	29,900 *					
90	32,100 *						90	28,200 *					
95	30,400 *	36,800 *					95	26,900 *	32,600 *				
100	29,100 *	34,800 *					100	25,500 *	30,800 *				
110	26,400 *	31,300 *					110	23,100 *	27,700 *				
120	24,200 *	28,400 *					120	21,100 *	25,100 *				
130	22,200 *	26,000 *	30,400				130	19,400 *	22,700 *	27,100 *			
140	20,700 *	23,800 *	27,500				140	17,800 *	20,700 *	24,400 *			
150	19,100 *	22,000 *	24,900	20,900			150	16,300 *	18,900 *	22,200 *			
160	17,800 *	20,500 *	22,900	18,900			160	15,200 *	17,400 *	20,200 *	18,500		
170	16,700 *	18,900 *	20,900	16,900			170	14,100 *	16,000 *	18,700 *	16,700		
180		17,800 *	19,400	15,400	11,400		180		14,900 *	17,100 *	14,900		
190			17,800	14,100	10,100		190		13,800 *	15,800 *	13,600	9,700	
200			16,500	12,700	9,200		200			14,700 *	12,500	8,800	
210				11,600	8,300		210			13,800 *	11,400	7,900	
220				10,800	7,400		220				10,300	7,000	
230					6,600		230				9,400	6,100	