



## LIFTING CHARTS - Crawler Cranes

### KOBELCO MODEL CK2500-II - 250 TON CAPACITY

15 Counterweights + 2 Low Weights

70' Boom							70' Boom						
Load Radius (ft.)	70 ft Jib						Load Radius (ft.)	80 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
32	118,000 *						32						
35	118,000 *						35	118,000 *					
40	118,000 *						40	118,000 *					
45	118,000 *	118,000 *					45	118,000 *					
50	111,500 *	117,500 *					50	112,400 *	117,500 *				
55	97,000 *	114,000 *	114,000				55	97,900 *	114,000 *				
60	85,500 *	100,700 *	102,000				60	86,200 *	101,600 *	102,000			
65	76,000 *	88,600 *	93,000				65	76,900 *	89,300 *	92,600			
70	68,300 *	78,700 *	84,600	82,600			70	69,200 *	79,600 *	84,200			
75	58,400 *	70,500 *	77,600	75,600			75	62,600 *	71,400 *	77,300	75,400		
80		63,700 *	71,600	69,800	68,100		80	57,100 *	64,600 *	71,200	69,400		
85		52,400 *	65,700 *	64,800	63,200		85	49,100 *	58,800 *	66,100	64,300	62,800	
90			58,200 *	60,400	58,800	57,300	90		53,800 *	60,400 *	59,900	58,400	
95				56,400	55,100	53,500	95			55,100 *	56,000	54,600	53,300
100					51,500	50,200	100			49,300 *	52,600	51,300	50,000
110							110					45,600	44,300

70' Boom							70' Boom						
Load Radius (ft.)	90 ft Jib						Load Radius (ft.)	100 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
40	118,000 *						40	118,000 *					
45	118,000 *						45	118,000 *					
50	113,100 *	117,500					50	113,100 *					
55	98,300 *	114,000					55	98,500 *	114,000				
60	86,800 *	102,000 *					60	86,800 *	102,000 *				
65	77,300 *	89,900 *	92,300				65	77,600 *	91,000 *				
70	69,600 *	80,000 *	84,000				70	69,600 *	80,900 *	83,700			
75	63,200 *	71,800 *	77,100				75	63,200 *	72,700 *	76,700			
80	57,700 *	65,000 *	71,000	69,200			80	57,700 *	65,900 *	70,700			
85	52,900 *	59,300 *	65,900	64,100			85	52,900 *	59,900 *	65,400	63,900		
90	48,700 *	54,400 *	60,800 *	59,700	58,200		90	48,900 *	55,100 *	61,000	59,500		
95	41,800 *	50,000 *	55,700 *	55,700	54,400		95	45,200 *	50,700 *	55,700 *	55,700	54,000	
100		45,800 *	51,300 *	52,400	50,900		100	41,600 *	46,700 *	51,300 *	52,200	50,400	
110			42,500 *	46,500	45,200	44,000	110		39,900 *	44,000 *	46,300	44,900	43,800
120					40,500	39,400	120			37,000 *	41,600	40,300	39,200
130							130					36,300	35,500

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

70' Boom							70' Boom							
Load Radius (ft.)	110 ft Jib						Load Radius (ft.)	120 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
45	113,500 *						45	88,500 *						
50	111,700 *						50	88,500 *						
55	100,100 *						55	87,900 *						
60	88,100 *	102,000 *					60	82,900 *						
65	78,700 *	91,200 *					65	78,200 *	82,400 *					
70	70,700 *	81,300 *					70	70,700 *	78,000 *					
75	64,300 *	72,900 *	76,700				75	64,100 *	74,000 *					
80	58,600 *	66,100 *	70,700				80	58,600 *	67,000 *	70,500				
85	53,800 *	60,400 *	65,700				85	53,800 *	61,000 *	65,200				
90	49,600 *	55,300 *	61,000	59,500			90	49,600 *	56,000 *	60,800				
95	46,000 *	50,900 *	56,600 *	55,500			95	45,800 *	51,500 *	56,400 *	55,500			
100	42,700 *	47,100 *	52,200 *	52,000	50,700		100	42,500 *	47,800 *	52,000 *	52,000			
110	36,600 *	40,700 *	44,700 *	46,300	44,900		110	37,000 *	41,200 *	44,700 *	46,000	44,500		
120		35,000 *	39,000 *	41,400	40,300	39,200	120	31,900 *	36,100 *	38,800 *	41,400	39,900	39,000	
130				37,200 *	36,600	35,500	130		31,000 *	34,100 *	37,400	36,100	35,200	
140					33,200	32,400	140				33,000 *	32,800	32,100	
150							150					30,200	29,300	

  

70' Boom							70' Boom							
Load Radius (ft.)	130 ft Jib						Load Radius (ft.)	140 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
50	77,300 *						50	65,900 *						
55	72,900 *						55	64,100 *						
60	68,700 *						60	60,100 *						
65	64,800 *	69,800 *					65	56,800 *						
70	61,500 *	65,900 *					70	53,800 *	55,500 *					
75	58,400 *	62,400 *					75	50,900 *	52,600 *					
80	55,500 *	59,300 *					80	48,500 *	50,000 *					
85	53,100 *	56,400 *	60,100 *				85	46,000 *	47,600 *	52,400 *				
90	50,200 *	53,800 *	57,300 *				90	44,000 *	45,400 *	49,800 *				
95	46,500 *	51,500 *	54,600 *				95	42,100 *	43,400 *	47,400 *				
100	43,200 *	47,600 *	52,200 *	51,800			100	40,300 *	41,400 *	45,200 *				
110	37,700 *	41,200 *	45,200 *	45,800			110	37,200 *	38,300 *	41,400 *	42,500 *			
120	33,000 *	36,100 *	39,200 *	41,000	39,900		120	32,800 *	35,500 *	38,100 *	39,200 *	39,400		
130	28,400 *	31,700 *	34,600 *	37,200	36,100	35,000	130	29,100 *	32,100 *	34,300 *	36,300 *	35,700		
140		27,500 *	30,600 *	33,000 *	32,800	31,700	140	25,100 *	28,600 *	30,400 *	33,500 *	32,400	31,700	
150				29,300 *	29,900	29,100	150		24,900 *	27,100 *	29,700 *	29,500	28,800	
160					27,500	26,600	160				26,400 *	27,300	26,600	
170							170					25,100	24,400	

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

70' Boom							70' Boom							
Load Radius (ft.)	150 ft Jib						Load Radius (ft.)	160 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
55	53,100 *						55	46,000 *						
60	50,000 *						60	43,200 *						
65	47,100 *						65	40,700 *						
70	44,500 *						70	38,300 *						
75	42,300 *	45,400 *					75	36,300 *	39,000 *					
80	40,100 *	42,900 *					80	34,300 *	37,000 *					
85	38,300 *	40,700 *					85	32,800 *	35,000 *					
90	36,600 *	38,800 *	41,400 *				90	31,000 *	33,200 *					
95	34,800 *	37,000 *	39,400 *				95	29,700 *	31,700 *	33,700 *				
100	33,500 *	35,500 *	37,700 *				100	28,400 *	30,200 *	32,100 *				
110	30,800 *	32,400 *	34,300 *	36,300 *			110	26,000 *	27,500 *	29,100 *				
120	28,400 *	29,900 *	31,500 *	33,200 *			120	23,800 *	25,300 *	26,600 *	28,200 *			
130	26,400 *	27,700 *	29,300 *	30,600 *	32,100 *		130	22,000 *	23,300 *	24,600 *	26,000 *	27,300 *		
140	24,600 *	26,000 *	27,100 *	28,400 *	29,900 *	31,300	140	20,500 *	21,600 *	22,700 *	23,800 *	25,100 *		
150	22,900 *	24,200 *	25,300 *	26,600 *	27,700 *	28,800	150	19,100 *	20,000 *	21,100 *	22,000 *	23,100 *	24,200 *	
160		22,200 *	23,800 *	24,900 *	26,000 *	26,400	160	17,800 *	18,700 *	19,600 *	20,700 *	21,600 *	22,400 *	
170				23,500 *	24,400 *	24,400	170		17,600 *	18,500 *	19,100 *	20,000 *	20,900 *	
180					22,900	22,700	180				18,000 *	18,900 *	19,600 *	
190							190					17,800 *	18,500 *	
70' Boom							70' Boom							
Load Radius (ft.)	170 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	38,500 *													
65	36,300 *													
70	34,100 *													
75	32,100 *													
80	30,600 *	32,800 *												
85	28,800 *	31,000 *												
90	27,500 *	29,500 *												
95	26,200 *	28,000 *												
100	24,900 *	26,600 *	28,400 *											
110	22,700 *	24,200 *	25,700 *											
120	20,700 *	22,000 *	23,300 *	24,900 *										
130	19,100 *	20,200 *	21,300 *	22,700 *										
140	17,600 *	18,700 *	19,600 *	20,700 *	21,800 *									
150	16,300 *	17,100 *	18,000 *	19,100 *	20,000 *									
160	15,200 *	16,000 *	16,700 *	17,600 *	18,500 *	19,600 *								
170	14,100 *	14,900 *	15,600 *	16,500 *	17,100 *	18,000 *								
180		13,800 *	14,500 *	15,400 *	16,000 *	16,700 *								
190				14,300 *	14,900 *	15,600 *								
200						14,700 *								

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

80' Boom							80' Boom							
Load Radius (ft.)	70 ft Jib						Load Radius (ft.)	80 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
32	118,000 *						32	118,000 *						
35	118,000 *						35	118,000 *						
40	118,000 *						40	118,000 *						
45	118,000 *	118,000					45	118,000 *						
50	112,600 *	117,000					50	113,500 *	117,000					
55	97,600 *	112,500					55	98,500 *	112,500					
60	85,900 *	100,800 *	100,800				60	86,800 *	100,800					
65	76,500 *	90,700 *	92,100				65	77,300 *	90,900 *	91,700				
70	68,700 *	80,900 *	84,000	81,500			70	69,400 *	81,500 *	83,500				
75	59,700 *	72,300 *	76,900	74,700			75	63,000 *	73,200 *	76,500	74,300			
80		65,000 *	71,000	68,700			80	57,300 *	66,100 *	70,500	68,500			
85		56,000 *	65,700	63,900	61,900		85	50,000 *	59,900 *	65,400	63,500			
90			61,200	59,500	57,700		90		54,600 *	60,800	59,000	57,300		
95				55,500	54,000	52,400	95		47,400 *	56,800	55,300	53,500		
100				52,000	50,700	49,100	100			52,200 *	51,800	50,200	48,700	
110						43,600	110					44,500	43,200	
120							120						38,800	

  

80' Boom							80' Boom							
Load Radius (ft.)	90 ft Jib						Load Radius (ft.)	100 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
40	118,000 *						40	118,000 *						
45	118,000 *						45	118,000 *						
50	114,200 *						50	114,200 *						
55	99,200 *	112,500					55	99,200 *	112,500					
60	87,300 *	100,800					60	87,500 *	100,800					
65	77,800 *	92,000 *					65	78,000 *	92,000 *					
70	70,100 *	83,100 *	83,300				70	70,100 *	83,100 *	82,900				
75	63,500 *	74,500 *	76,200				75	63,500 *	74,500 *	75,800				
80	57,900 *	67,200 *	70,300	68,500			80	57,900 *	67,400 *	69,800				
85	53,100 *	61,200 *	65,200	63,500			85	53,100 *	61,200 *	64,800	63,000			
90	48,700 *	56,000 *	60,600	59,000			90	48,900 *	56,200 *	60,400	58,600			
95	42,700 *	51,300 *	56,800	55,300	53,300		95	45,200 *	51,500 *	56,400	54,900			
100		47,400 *	52,900 *	51,800	50,000		100	42,100 *	47,600 *	52,900	51,300	49,600		
110			44,900 *	46,000	44,300	43,200	110		41,000 *	45,400 *	45,600	43,800		
120					39,600	38,800	120			39,000 *	41,000	39,400	38,300	
130						35,000	130					35,500	34,600	
140							140							31,500

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

80' Boom							80' Boom						
Load Radius (ft.)	110 ft Jib						Load Radius (ft.)	120 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
45	113,700 *						45	88,500 *					
50	112,000 *						50	88,500 *					
55	100,700 *						55	88,200 *					
60	88,800 *	100,800					60	83,100 *					
65	79,100 *	92,000 *					65	78,400 *	83,500 *				
70	71,200 *	83,300 *					70	71,200 *	78,900 *				
75	64,600 *	74,700 *	76,000				75	64,300 *	74,900 *				
80	59,000 *	67,600 *	70,100				80	58,800 *	68,500 *	69,600			
85	54,000 *	61,500 *	65,000				85	54,000 *	62,400 *	64,600			
90	49,800 *	56,400 *	60,600	58,600			90	49,800 *	57,100 *	60,100			
95	46,000 *	52,000 *	56,600	54,600			95	46,000 *	52,400 *	56,200	54,600		
100	42,700 *	48,000 *	53,100	51,300			100	42,700 *	48,500 *	52,600	51,100		
110	37,200 *	41,400 *	46,000 *	45,600	44,000		110	37,200 *	41,800 *	46,000 *	45,400	43,600	
120		36,100 *	39,900 *	40,700	39,400	38,100	120	32,400 *	36,600 *	39,900 *	40,700	39,000	
130			34,800 *	37,000	35,700	34,300	130		32,100 *	34,800 *	36,800	35,200	34,300
140					32,400	31,300	140			30,800 *	33,500	32,100	31,000
150						28,600	150					29,300	28,400
160							160						26,200

80' Boom							80' Boom						
Load Radius (ft.)	130 ft Jib						Load Radius (ft.)	140 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
50	77,300 *						50	65,900 *					
55	73,200 *						55	64,300 *					
60	69,000 *						60	60,400 *					
65	65,000 *	70,700 *					65	57,100 *					
70	61,700 *	66,800 *					70	53,800 *	56,200 *				
75	58,600 *	63,200 *					75	51,100 *	53,300 *				
80	55,700 *	59,900 *					80	48,500 *	50,400 *				
85	53,100 *	57,100 *	61,500 *				85	46,300 *	48,000 *				
90	50,400 *	54,400 *	58,400 *				90	44,000 *	45,800 *	50,900 *			
95	46,700 *	52,000 *	55,500 *				95	42,100 *	43,800 *	48,500 *			
100	43,400 *	48,500 *	52,600 *	50,900			100	40,300 *	41,800 *	46,000 *			
110	37,700 *	41,800 *	46,500 *	45,200			110	37,200 *	38,500 *	42,100 *	43,600 *		
120	33,000 *	36,600 *	40,300 *	40,300	39,000		120	32,800 *	35,700 *	38,800 *	40,100 *		
130	29,100 *	32,100 *	35,500 *	36,600	35,200		130	29,100 *	32,600 *	35,000 *	36,300	34,800	
140		28,400 *	31,300 *	33,200	31,900	30,800	140	25,500 *	28,800 *	31,000 *	33,000	31,700	30,800
150			27,700 *	30,400	29,300	28,200	150		25,700 *	27,500 *	30,200	28,800	28,000
160					26,900	26,000	160			24,600 *	27,300 *	26,400	25,700
170						24,000	170					24,400	23,800
180							180						22,000

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

80' Boom							80' Boom						
Load Radius (ft.)	150 ft Jib						Load Radius (ft.)	160 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
55	53,300 *						55	46,000 *					
60	50,000 *						60	43,400 *					
65	47,400 *						65	40,700 *					
70	44,700 *						70	38,500 *					
75	42,300 *	45,800 *					75	36,300 *					
80	40,300 *	43,400 *					80	34,600 *	37,400 *				
85	38,300 *	41,200 *					85	32,800 *	35,500 *				
90	36,600 *	39,200 *					90	31,300 *	33,700 *				
95	35,000 *	37,400 *	40,100 *				95	29,700 *	31,900 *				
100	33,500 *	35,700 *	38,300 *				100	28,400 *	30,400 *	32,600 *			
110	30,800 *	32,800 *	35,000 *	37,200 *			110	26,000 *	27,700 *	29,700 *			
120	28,400 *	30,200 *	32,100 *	34,100 *			120	24,000 *	25,500 *	27,100 *	28,800 *		
130	26,400 *	28,000 *	29,700 *	31,500 *	33,200 *		130	22,000 *	23,500 *	24,900 *	26,400 *		
140	24,600 *	26,000 *	27,500 *	29,100 *	30,600 *		140	20,500 *	21,800 *	23,100 *	24,400 *	25,700 *	
150	23,100 *	24,400 *	25,700 *	27,100 *	28,400 *	28,000	150	19,100 *	20,200 *	21,300 *	22,700 *	23,800 *	
160		23,100 *	24,000 *	25,300 *	26,600 *	25,500	160	17,800 *	18,900 *	19,800 *	20,900 *	22,000 *	23,300 *
170			22,700 *	23,800 *	24,600 *	23,500	170		17,600 *	18,700 *	19,600 *	20,700 *	21,600 *
180					22,700	21,800	180			17,600 *	18,500 *	19,400 *	20,200 *
190						20,200	190					18,000 *	18,900 *
200							200						18,000 *

  

80' Boom													
Load Radius (ft.)	170 ft Jib												
	Boom Angle (deg.)												
	88	83	78	73	68	63							
60	38,800 *												
65	36,300 *												
70	34,300 *												
75	32,400 *												
80	30,600 *	33,200 *											
85	29,100 *	31,500 *											
90	27,500 *	29,700 *											
95	26,200 *	28,200 *											
100	24,900 *	26,900 *	28,800 *										
110	22,700 *	24,400 *	26,200 *										
120	20,700 *	22,200 *	23,800 *	25,500 *									
130	19,100 *	20,500 *	21,800 *	23,100 *									
140	17,600 *	18,700 *	20,000 *	21,100 *	22,700 *								
150	16,300 *	17,400 *	18,500 *	19,600 *	20,700 *								
160	15,200 *	16,000 *	16,900 *	18,000 *	19,100 *	20,200 *							
170	14,100 *	14,900 *	15,800 *	16,700 *	17,600 *	18,700 *							
180		14,100 *	14,700 *	15,600 *	16,500 *	17,400 *							
190			13,800 *	14,500 *	15,400 *	16,000 *							
200					14,300 *	15,200 *							
210						14,300 *							

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

90' Boom							90' Boom							
Load Radius (ft.)	70 ft Jib						Load Radius (ft.)	80 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
32	118,000 *						32	118,000 *						
35	118,000 *						35	118,000 *						
40	118,000 *						40	118,000 *						
45	118,000 *						45	118,000 *						
50	113,700 *	116,900					50	114,600 *	116,900					
55	98,500 *	111,900					55	99,400 *	111,900					
60	86,600 *	100,900	100,900				60	87,500 *	100,900					
65	76,900 *	91,600 *	91,200				65	77,800 *	91,900	90,800				
70	69,000 *	82,700 *	83,100				70	69,800 *	83,200 *	82,600				
75	60,800 *	74,000 *	76,000	73,600			75	63,200 *	74,900 *	75,800				
80		66,500 *	70,300	67,900			80	57,500 *	67,400 *	69,800	67,400			
85		59,300 *	65,000	62,800	60,800		85	51,100 *	61,200 *	64,800	62,600			
90			60,600	58,600	56,600		90		55,700 *	60,400	58,200			
95			56,600	54,600	52,900		95		50,000 *	56,400	54,400	52,400		
100				51,300	49,600	47,800	100			52,900	50,900	49,100		
110					44,000	42,500	110				45,200	43,600	42,100	
120							120					39,200	37,700	

  

90' Boom							90' Boom							
Load Radius (ft.)	90 ft Jib						Load Radius (ft.)	100 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
40	118,000 *						40	118,000 *						
45	118,000 *						45	118,000 *						
50	115,300 *						50	115,300 *						
55	99,800 *	111,900					55	100,100 *						
60	87,900 *	100,900					60	88,100 *	100,900					
65	78,400 *	92,200					65	78,400 *	92,200					
70	70,500 *	84,100 *	82,400				70	70,500 *	84,100					
75	63,700 *	76,200 *	75,600				75	63,900 *	76,200 *	75,100				
80	58,200 *	68,700 *	69,600				80	58,200 *	69,000 *	69,200				
85	53,300 *	62,400 *	64,600	62,600			85	53,300 *	62,600 *	64,100				
90	48,900 *	57,100 *	60,100	58,200			90	49,100 *	57,300 *	59,700	57,700			
95	43,600 *	52,400 *	56,200	54,400			95	45,400 *	52,400 *	55,700	54,000			
100		48,200 *	52,600	50,900	48,900		100	42,100 *	48,500 *	52,200	50,700			
110			46,500 *	45,200	43,400	42,100	110		41,600 *	46,500	44,900	42,900		
120				40,500	38,800	37,700	120			40,100 *	40,300	38,300	37,200	
130					35,200	33,900	130				36,300	34,800	33,500	
140							140						30,600	

# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

90' Boom							90' Boom							
Load Radius (ft.)	110 ft Jib						Load Radius (ft.)	120 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
45	113,700 *						45	88,500 *						
50	112,200 *						50	88,500 *						
55	101,600 *						55	88,500 *						
60	89,500 *	100,900					60	83,300 *						
65	79,800 *	92,200					65	78,700 *	84,600 *					
70	71,600 *	84,300					70	71,400 *	80,000 *					
75	65,000 *	76,700 *					75	64,800 *	75,800 *					
80	59,300 *	69,200 *	69,400				80	59,000 *	70,100 *					
85	54,400 *	62,800 *	64,300				85	54,200 *	63,700 *	63,900				
90	50,000 *	57,500 *	59,900				90	50,000 *	58,200 *	59,500				
95	46,300 *	52,900 *	56,000	53,800			95	46,300 *	53,500 *	55,500				
100	42,900 *	48,700 *	52,400	50,400			100	42,900 *	49,300 *	52,000	50,400			
110	37,200 *	42,100 *	46,500	44,700	42,900		110	37,200 *	42,500 *	46,300	44,700			
120		36,600 *	41,000 *	40,100	38,500		120	32,600 *	37,000 *	41,000 *	40,100	38,100		
130			35,900 *	36,300	34,800	33,500	130		32,600 *	35,700 *	36,100	34,300	33,200	
140				33,000	31,700	30,400	140			31,500 *	32,800	31,300	30,200	
150						27,700	150				30,200	28,600	27,700	
160							160							25,300

  

90' Boom							90' Boom							
Load Radius (ft.)	130 ft Jib						Load Radius (ft.)	140 ft Jib						
	Boom Angle (deg.)							Boom Angle (deg.)						
	88	83	78	73	68	63		88	83	78	73	68	63	
50	77,600 *						55	64,600 *						
55	73,400 *						60	60,600 *						
60	69,200 *						65	57,100 *						
65	65,200 *						70	54,000 *	57,100 *					
70	61,700 *	67,600 *					75	51,100 *	54,000 *					
75	58,600 *	63,900 *					80	48,700 *	51,100 *					
80	55,700 *	60,600 *					85	46,300 *	48,700 *					
85	53,300 *	57,700 *	62,600 *				90	44,000 *	46,300 *	52,000 *				
90	50,700 *	54,900 *	59,500				95	42,300 *	44,300 *	49,300 *				
95	46,900 *	52,400 *	55,500				100	40,300 *	42,300 *	46,900 *				
100	43,400 *	49,300 *	52,000				110	37,200 *	39,000 *	42,700 *	44,300			
110	37,900 *	42,500 *	46,300	44,300			120	33,000 *	35,900 *	39,400 *	39,600			
120	33,200 *	37,000 *	41,400	39,600	38,100		130	29,100 *	33,000 *	35,900 *	35,700	33,900		
130	29,300 *	32,600 *	36,300 *	35,900	34,300		140	25,700 *	29,300 *	31,700 *	32,600	30,800		
140		28,800 *	31,900 *	32,600	31,300	29,900	150		26,000 *	28,200 *	29,700	28,200	27,300	
150			28,400 *	29,700	28,600	27,300	160			25,100 *	27,300	25,700	24,900	
160				27,500	26,200	25,100	170				25,100	23,800	22,900	
170						23,100	180							21,300
180							190							



# STERLING CRANE

## CK2500-II Luffing Jib Rating Loads in Pounds

15 Counterweights + 2 Low Weights

90' Boom							90' Boom						
Load Radius (ft.)	150 ft Jib						Load Radius (ft.)	160 ft Jib					
	Boom Angle (deg.)							Boom Angle (deg.)					
	88	83	78	73	68	63		88	83	78	73	68	63
55	53,500 *						55						
60	50,200 *						60	43,400 *					
65	47,400 *						65	41,000 *					
70	44,900 *						70	38,500 *					
75	42,500 *	46,500 *					75	36,600 *					
80	40,300 *	44,000 *					80	34,600 *	37,900 *				
85	38,500 *	41,800 *					85	32,800 *	35,900 *				
90	36,600 *	39,600 *					90	31,300 *	33,900 *				
95	35,000 *	37,900 *	41,000 *				95	29,700 *	32,400 *				
100	33,500 *	36,100 *	39,000 *				100	28,400 *	30,800 *	33,200 *			
110	30,800 *	33,000 *	35,500 *				110	26,000 *	28,000 *	30,200 *			
120	28,400 *	30,400 *	32,600 *	35,000 *			120	24,000 *	25,700 *	27,500 *	29,700 *		
130	26,400 *	28,200 *	30,200 *	32,100 *			130	22,000 *	23,500 *	25,300 *	27,100 *		
140	24,600 *	26,200 *	28,000 *	29,700 *	31,000		140	20,500 *	21,800 *	23,300 *	24,900 *	26,600 *	
150	23,100 *	24,400 *	26,000 *	27,500 *	28,400	27,100	150	19,100 *	20,200 *	21,600 *	23,100 *	24,400 *	
160		23,100 *	24,400 *	25,700 *	26,000	24,900	160	17,800 *	18,900 *	20,000 *	21,300 *	22,700 *	24,000
170			23,100 *	24,200 *	24,000	22,900	170		17,800 *	18,700 *	20,000 *	21,100 *	22,200
180				22,700 *	22,200	21,100	180			17,800 *	18,700 *	19,800 *	20,700
190						19,600	190				17,600 *	18,500 *	19,100
200							200						17,800

  

90' Boom													
Load Radius (ft.)	170 ft Jib												
	Boom Angle (deg.)												
	88	83	78	73	68	63							
60	38,800 *												
65	36,600 *												
70	34,300 *												
75	32,400 *												
80	30,600 *												
85	29,100 *	31,700 *											
90	27,500 *	30,200 *											
95	26,200 *	28,600 *											
100	25,100 *	27,100 *											
110	22,700 *	24,600 *	26,600 *										
120	20,900 *	22,400 *	24,200 *										
130	19,100 *	20,500 *	22,000 *	23,800 *									
140	17,600 *	18,900 *	20,200 *	21,800 *									
150	16,300 *	17,400 *	18,700 *	20,000 *	21,300 *								
160	15,200 *	16,000 *	17,100 *	18,500 *	19,600 *								
170	14,100 *	14,900 *	16,000 *	17,100 *	18,000 *	19,400 *							
180		14,100 *	14,900 *	15,800 *	16,900 *	17,800 *							
190			14,100 *	14,700 *	15,600 *	16,500 *							
200					14,700 *	15,400 *							
210						14,500 *							