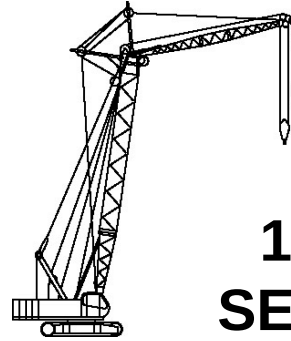


Liftcrane Luffing Jib Capacities

**75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



**12000
SERIES 2**

LIFTING CAPACITIES:

1. Rated loads included in the charts are the maximum allowable for freely suspended loads at the given boom lengths, boom angles, luffing jib lengths, luffing jib angles, and load radii. The rated loads have determined for the machine standing level on a firm supporting surface under ideal 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, and multiple machine lifts).
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 asterisk * in the charts.
3. The total load lifted over the luffing jib is limited by the rated luffing jib loads.
4. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
5. Do not attempt to lift where no radius on load chart is listed as crane may tip or collapse.
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. Load radius is the horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is the angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is the angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of load radius. In all cases, load radius shall govern capacities.
8. Least stable position is over the side.
9. Jib point elevation is vertical distance from ground level to centerline of jib point shaft.
10. The total load that can be lifted over an auxiliary sheave is value 850 lbs. deducted from rated load for the jib without auxiliary sheave, but should not exceed 25,000 lbs.
11. Machine travel with load (pick and carry).
 - A. Travel with crane upperworks in-line with crawlers. Grade in any direction must not exceed 1 percent (0.5 degrees).
 - B. Travel surface must be firm, level and uniformly supporting. Capacity charts are based on static conditions; therefore judgment must be used to allow for dynamic effects of traveling with load. Carry load as close to ground as possible. Stabilize load with taglines. Travel slowly and smoothly to avoid shock loading boom, jib and rigging.
12. Consult chart 14S7641-LJA for lifting off of lower boom point with luffing jib attached.
13. Lifting capacities listed apply only to the machine as originally manufactured and designed. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

Main Boom Hoist Reeving

No. of Parts of Line	1	2	3	4
Maximum Loads (lbs)	25,000	50,000	75,000	100,000

No. of Parts of Line	5	6
Maximum Loads (lbs)	125,000	150,000

Hoist Reeving For Luffing Jib Loads

No. of Parts of Line	1	2	3	4
Weight (lbs)	25,000	50,000	75,000	80,000

Hoist Reeving For Auxiliary Sheave (Upper Point) Loads

No. of Parts of Line	1
Maximum Loads (lbs)	25,000

Liftcrane Luffing Jib Capacities

75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

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SERIES 2

OPERATING CONDITION:

- The machine must be reeved and set-up as stated in the Operators Manual. If this manual is missing, obtain replacement.
 - Boom backstops and luffing jib backstops are required for all boom lengths.
 - Gantry must be fully raised position for all operation.
 - Crawlers must be fully extended and be locked in position.
 - The crane must be leveled to within 1% on a firm supporting surface.
 - Refer to operators manual for operating guidelines.
- Front and rear load hoist drum wire rope: 26 mm, 6 x 29, FI, IWRC C/O, Minimum breaking strength: 120,000 lbs. Front Drum: 853 feet, Rear Drum: 984 feet. Third drum wire rope: 26 mm, 6 x 31, WS IWRC O/O, Minimum breaking strength: 113,536 lbs, 476 feet.
- Boom hoist wire rope: 508 feet, 20 mm, 6 x 31, WS, IWRC O/O, Minimum breaking strength: 73,700 lbs.
- Machine equipped with 22 ft. 2 in. crawlers, 36 in. treads, 10 parts of boom hoist reeving, 6 part luffing jib hoist reeving, 75,000 lbs. crane counterweight.

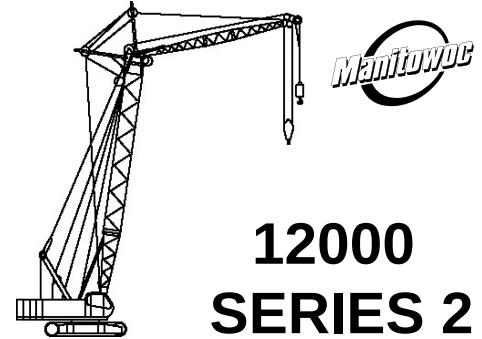
Minimum weight of hook block required for lowering

No. of Parts of Line	1	2	3	4
Weight (lbs)	900	1,200	1,500	1,800

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

Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over End of Crawlers	
Boom Length	Luffing Jib Length	Boom Length	Luffing Jib Length
60 ft	60 ft - 170 ft	60 ft	60 ft - 170 ft
70 ft	60 ft - 170 ft	70 ft	60 ft - 170 ft
80 ft	60 ft - 170 ft	80 ft	60 ft - 170 ft
90 ft	60 ft - 170 ft	90 ft	60 ft - 170 ft
100 ft	60 ft - 170 ft	100 ft	60 ft - 170 ft
110 ft	60 ft - 170 ft	110 ft	60 ft - 170 ft
120 ft	60 ft - 170 ft	120 ft	60 ft - 170 ft
130 ft	60 ft - 170 ft	130 ft	60 ft - 170 ft
140 ft	60 ft - 170 ft	—	—
150 ft	60 ft - 100 ft	—	—

Refer to The Operators Manual for boom and luffing jib raising procedure.



Liftcrane Luffing Jib Capacities

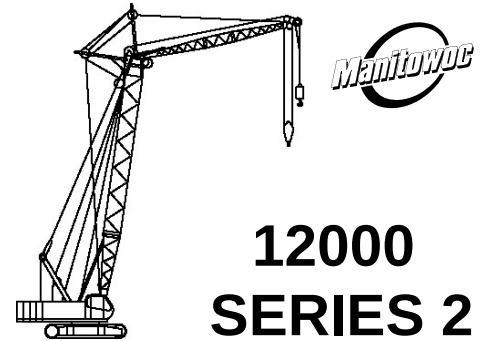
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

60 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
60 Ft. Boom																								
26	73.3	125.2	80,000	*																			26	
28	71.3	124.5	74,300	*																			28	
30	69.3	123.8	69,300	*																			30	
32	67.2	123.0	65,300	*																			32	
34	65.1	122.0	61,100	*																			34	
36	63.0	121.0	57,700	*	68.5	122.9	57,700	*															36	
38	60.8	119.9	54,700	*	66.4	122.0	54,700	*															38	
40	58.5	118.7	52,000	*	64.3	121.1	52,000	*															40	
45	52.7	115.2	46,200	*	58.9	118.3	46,200	*															45	
50	46.4	110.8	40,600	*	53.0	114.8	41,600	*	59.1	117.3	41,600	*											50	
55	39.2	105.3	35,100	*	46.7	110.5	37,800	*	53.3	113.9	37,000		59.2	115.9	35,900								55	
60	30.7	97.9	30,400	*	39.6	105.0	34,000		47.0	109.6	33,100		53.4	112.4	32,200								60	
65					31.2	97.8	30,400		39.9	104.2	29,800		47.1	108.2	29,100		53.3	110.4	28,000				65	
70									31.6	97.1	27,100		40.1	102.8	26,500		47.0	106.2	25,800				70	
75									20.4	86.5	24,700		31.8	95.7	24,000		40.0	100.7	23,400		46.7	103.5	22,500	75
80													20.7	85.2	22,000		31.7	93.6	21,600		39.6	98.1	21,200	80
85																	20.5	83.1	19,800		31.2	90.8	19,400	85
70 Ft. Boom																								
26	73.7	135.3	80,000	*																			26	
28	71.6	134.7	74,300	*																			28	
30	69.6	133.9	69,300	*																			30	
32	67.6	133.1	65,000	*																			32	
34	65.5	132.2	61,100	*																			34	
36	63.3	131.2	57,700	*																			36	
38	61.2	130.1	54,700	*	67.7	132.5	54,700	*															38	
40	58.9	128.9	52,000	*	65.6	131.6	52,000	*															40	
45	53.1	125.5	46,200	*	60.2	129.0	46,200	*															45	
50	46.8	121.2	41,000	*	54.5	125.7	41,600	*	61.4	128.3	41,200												50	
55	39.8	115.7	35,300	*	48.3	121.6	37,700		55.7	125.2	36,600												55	
60	31.4	108.5	30,600	*	41.5	116.4	33,700		49.7	121.3	32,800		56.8	124.1	31,300								60	
65	20.1	97.8	26,700	*	33.5	109.7	30,200		43.0	116.4	29,500		50.8	120.3	28,400								65	
70					23.1	100.1	27,600		35.3	110.1	26,700		44.3	115.7	25,800		51.8	118.7	24,700				70	
75									25.7	101.3	24,500		36.8	109.7	23,600		45.3	114.2	22,900				75	
80													27.7	101.5	21,600		38.1	108.4	21,200		46.1	112.0	20,100	80
85																	29.3	100.7	19,400		38.9	106.4	18,700	85
90																				30.3	98.9	17,400		90



Liftcrane Luffing Jib Capacities

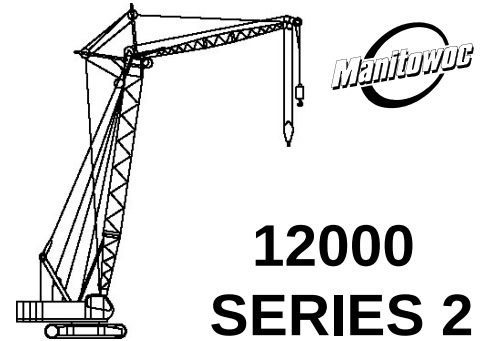
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

60 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	
80 Ft. Boom																								
26	74.0	145.4	80,000	*																				26
28	72.0	144.8	74,300	*																				28
30	70.0	144.0	69,300	*																				30
32	67.9	143.2	65,000	*																				32
34	65.8	142.4	61,100	*																				34
36	63.7	141.4	57,700	*																				36
38	61.5	140.3	54,700	*	69.0	142.9	54,700	*																38
40	59.3	139.2	52,000	*	66.9	142.1	52,000	*																40
45	53.5	135.7	46,200	*	61.6	139.6	46,200	*																45
50	47.3	131.5	41,400	*	55.9	136.5	41,600	*	63.6	139.2	40,600													50
55	40.3	126.1	35,500	*	49.9	132.6	37,500		58.1	136.4	36,200													55
60	32.0	119.1	30,900	*	43.2	127.7	33,300		52.3	132.8	32,200													60
65	21.0	108.8	26,900	*	35.6	121.5	30,000		45.9	128.4	29,100	54.4	132.2	27,600										65
70					26.0	112.8	27,300		38.7	122.7	26,500	48.2	128.1	25,400										70
75									30.0	115.2	24,000	41.3	122.9	23,100	50.2	126.9	21,800							75
80												33.3	116.2	21,200	43.6	122.2	20,500							80
85												22.9	106.5	19,600	36.0	116.0	19,000	45.5	120.4	17,600				85
90															26.6	107.5	17,400	38.2	114.7	16,800	29.4	107.0	15,700	90
95																								95
90 Ft. Boom																								
26	74.4	155.5	80,000	*																				26
28	72.4	154.9	74,300	*																				28
30	70.3	154.2	69,300	*																				30
32	68.3	153.4	65,000	*																				32
34	66.2	152.5	61,100	*																				34
36	64.1	151.6	57,700	*																				36
38	61.9	150.5	54,700	*																				38
40	59.7	149.4	52,000	*	68.2	152.5	52,000	*																40
45	54.0	146.0	46,200	*	62.9	150.2	46,200	*																45
50	47.7	141.8	41,600	*	57.3	147.2	41,600	*																50
55	40.8	136.6	35,900	*	51.4	143.5	37,300		60.5	147.4	35,300													55
60	32.7	129.7	31,100	*	44.9	138.9	33,100		54.8	144.2	32,000													60
65	22.0	119.7	27,100	*	37.5	133.1	29,800		48.6	140.1	28,700	57.8	143.8	26,900										65
70					28.6	125.2	27,100		41.8	135.0	26,000	51.9	140.2	24,900										70
75									33.9	128.4	23,800	45.5	135.7	22,700										75
80									23.7	119.0	21,800	38.2	129.9	20,700	48.6	135.1	19,400							80
85												29.4	122.2	19,200	41.8	130.0	18,300							85
90															33.9	123.4	17,000	44.8	128.9	15,700				90
95															23.8	114.1	15,900	37.5	123.0	15,000	28.5	115.1	13,900	95
100																								100



Liftcrane Luffing Jib Capacities

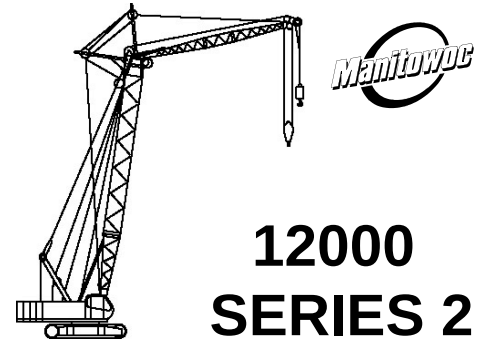
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

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**12000
SERIES 2**

60 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)		
100 Ft. Boom																								
28	72.7	165.0	74,300	*																			28	
30	70.7	164.3	69,300	*																			30	
32	68.6	163.5	65,000	*																			32	
34	66.6	162.7	61,100	*																			34	
36	64.4	161.7	57,700	*																			36	
38	62.3	160.7	54,700	*																			38	
40	60.1	159.6	52,000	*	69.4	162.9	52,000	*															40	
45	54.4	156.3	46,200	*	64.2	160.7	46,200	*															45	
50	48.2	152.1	41,600	*	58.7	157.9	41,600	*															50	
55	41.3	147.0	36,200	*	52.9	154.4	36,800		62.7	158.4	34,600												55	
60	33.3	140.2	31,300	*	46.6	150.1	32,800		57.2	155.4	31,300												60	
65	22.9	130.6	27,300	*	39.4	144.6	29,500		51.2	151.7	28,200												65	
70					31.0	137.3	26,900		44.7	147.1	25,600		55.4	151.9	23,800								70	
75									37.3	141.2	23,400		49.3	148.0	22,300								75	
80									28.3	133.2	21,400		42.6	143.0	20,500		53.3	147.5	18,700				80	
85													34.8	136.6	18,700		47.0	143.2	17,600				85	
90													25.0	127.6	17,400		40.0	137.8	16,300				90	
95																	31.6	130.7	15,200		44.2	137.3	13,700	95
100																	20.5	120.1	14,100		36.7	131.3	13,200	100
105																					27.5	123.1	12,300	105
110 Ft. Boom																								
28	73.1	175.1	74,300	*																			28	
30	71.0	174.4	69,300	*																			30	
32	69.0	173.7	65,000	*																			32	
34	66.9	172.8	61,100	*																			34	
36	64.8	171.9	57,700	*																			36	
38	62.7	170.9	54,700	*																			38	
40	60.5	169.8	52,000	*																			40	
45	54.8	166.5	46,200	*	65.5	171.2	46,200	*															45	
50	48.6	162.4	41,600	*	60.1	168.6	41,600	*															50	
55	41.8	157.4	36,400	*	54.3	165.3	36,800																55	
60	33.9	150.8	31,500	*	48.2	161.1	32,800		59.5	166.5	30,400												60	
65	23.8	141.4	27,600	*	41.3	156.0	29,500		53.8	163.1	27,800												65	
70					33.2	149.2	26,700		47.5	158.9	25,100		58.8	163.5	23,100								70	
75					22.8	139.5	24,500		40.5	153.6	22,900		52.9	160.0	21,800								75	
80									32.4	146.6	21,200		46.6	155.6	19,800								80	
85									21.5	136.5	19,400		39.5	150.1	18,300		51.8	155.8	16,500				85	
90													31.1	142.9	17,000		45.3	151.3	15,900				90	
95																	38.0	145.5	14,800				95	
100																	29.2	137.8	13,700		43.5	145.7	12,100	100
105																					36.0	139.6	11,900	105
110																					26.5	131.1	11,000	110



Liftcrane Luffing Jib Capacities

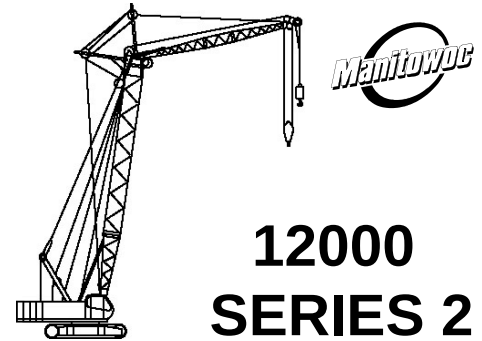
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

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**12000
SERIES 2**

60 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)						
120 Ft. Boom																								
28	73.4	185.2	74,300	*																28				
30	71.4	184.5	69,300	*																30				
32	69.4	183.8	65,000	*																32				
34	67.3	183.0	61,100	*																34				
36	65.2	182.1	57,700	*																36				
38	63.1	181.1	54,700	*																38				
40	60.9	180.0	52,000	*																40				
45	55.2	176.7	46,200	*	66.8	181.7	46,200	*												45				
50	49.1	172.8	41,600	*	61.4	179.2	41,200													50				
55	42.3	167.7	36,800	*	55.8	176.1	36,400													55				
60	34.5	161.3	31,700	*	49.7	172.2	32,400		61.8	177.5	29,800									60				
65	24.6	152.2	27,600	*	43.0	167.3	29,300		56.2	174.4	27,100									65				
70					35.4	161.0	26,500		50.2	170.5	24,700									70				
75					25.7	152.2	24,300		43.5	165.7	22,500		56.4	171.7	20,300					75				
80									36.0	159.6	20,700		50.4	167.8	19,400					80				
85									26.5	151.1	19,000		43.8	163.1	17,900					85				
90													36.2	156.9	16,500		50.2	164.0	14,600	90				
95													26.9	148.6	15,200		43.6	159.2	14,100	95				
100																	36.0	153.1	13,000	100				
105																	26.6	144.6	12,100	105				
110																				110				
115																	35.2	147.8	10,400	115				
																	25.5	139.0	9,700	115				
130 Ft. Boom																								
28	73.8	195.3	63,900	*																28				
30	71.7	194.6	60,400	*																30				
32	69.7	193.9	57,300	*																32				
34	67.6	193.1	54,200	*																34				
36	65.6	192.2	51,600	*																36				
38	63.4	191.2	49,200	*																38				
40	61.3	190.1	46,700	*																40				
45	55.6	187.0	41,400	*	68.0	192.2	46,200	*												45				
50	49.5	183.1	37,000	*	62.7	189.8	41,000													50				
55	42.8	178.1	33,100	*	57.2	186.8	36,200													55				
60	35.1	171.8	29,500	*	51.2	183.1	32,200		64.1	188.4	29,300									60				
65	25.4	163.0	26,200	*	44.7	178.5	28,900		58.6	185.5	26,900									65				
70					37.3	172.6	26,200		52.7	182.0	24,300									70				
75					28.4	164.6	24,000		46.4	177.6	22,000									75				
80									39.3	172.1	20,300		53.9	179.7	18,100					80				
85									30.8	164.8	18,700		47.7	175.6	17,400					85				
90													40.8	170.3	16,100					90				
95													32.6	163.4	15,000		48.6	172.2	12,800	95				
100													22.0	153.4	13,900		41.8	167.1	12,600	100				
105																	33.9	160.5	11,700	105				
110																	23.7	151.1	11,000	110				
115																				115				
120																		34.4	156.0	9,000	115			
																		24.4	146.9	8,400	120			



Liftcrane Luffing Jib Capacities

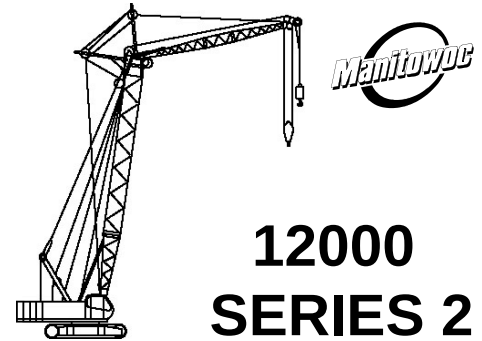
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

60 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load			
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)			
140 Ft. Boom																								
28	74.1	205.4	54,000	*																	28			
30	72.1	204.8	51,100	*																	30			
32	70.1	204.0	48,300	*																	32			
34	68.0	203.3	45,900	*																	34			
36	65.9	202.4	43,400	*																	36			
38	63.8	201.4	41,200	*																	38			
40	61.6	200.3	39,200	*																	40			
45	56.0	197.2	34,800	*	69.3	202.6	44,300	*													45			
50	50.0	193.4	30,900	*	64.1	200.4	39,500	*													50			
55	43.3	188.5	27,600	*	58.6	197.5	35,100	*													55			
60	35.7	182.3	24,500	*	52.7	194.0	31,500	*													60			
65	26.2	173.7	21,800	*	46.4	189.6	28,200	*	60.9	196.6	25,600										65			
70					39.3	184.1	25,400	*	55.2	193.4	23,800										70			
75					30.8	176.8	22,700	*	49.1	189.4	21,600										75			
80									42.4	184.4	19,800	57.4	191.4	17,400							80			
85									34.5	177.9	18,300	51.4	187.7	16,800							85			
90									24.6	168.8	17,000	44.9	183.1	15,400							90			
95												37.6	177.2	14,300	53.3	184.6	12,100				95			
100												28.7	169.4	13,400	47.0	180.3	11,900				100			
105															39.9	174.9	11,000				105			
110															31.6	167.8	10,400	48.4	176.0	7,900	110			
115															20.4	157.2	9,700	41.6	170.9	7,900	115			
120																		33.6	164.2	7,700	120			
125																		23.3	154.7	7,100	125			
150 Ft. Boom																								
28	74.4	215.5	44,800	*																	28			
30	72.4	214.9	42,500	*																	30			
32	70.4	214.2	40,300	*																	32			
34	68.4	213.4	38,400	*																	34			
36	66.3	212.5	36,400	*																	36			
38	64.2	211.6	34,600	*																	38			
40	62.0	210.5	32,800	*																	40			
45	56.4	207.5	29,100	*																	45			
50	50.4	203.6	26,000	*	65.3	210.9	33,700	*													50			
55	43.8	198.9	23,100	*	59.9	208.2	30,200	*													55			
60	36.3	192.8	20,500	*	54.2	204.9	26,900	*													60			
65	27.0	184.4	18,300	*	48.0	200.7	24,000	*	63.2	207.5	25,100										65			
70					41.1	195.5	21,600	*	57.6	204.6	23,100										70			
75					33.0	188.7	19,200	*	51.7	200.9	21,200										75			
80					22.5	178.9	17,000	*	45.3	196.4	19,400										80			
85									38.0	190.6	17,900	54.9	199.5	15,400							85			
90									29.1	182.8	16,500	48.8	195.5	15,000							90			
95												42.0	190.4	13,900							95			
100												34.1	183.8	12,800	51.7	192.9	10,400				100			
105												24.1	174.6	11,900	45.3	188.3	10,400				105			
110															38.0	182.6	9,700				110			
115															29.2	174.8	9,000				115			
120																		47.8	184.5	6,400	120			
125																		40.9	179.3	6,400	125			
130																		32.8	172.4	6,400	130			
																		22.2	162.5	6,000	130			



Liftcrane Luffing Jib Capacities

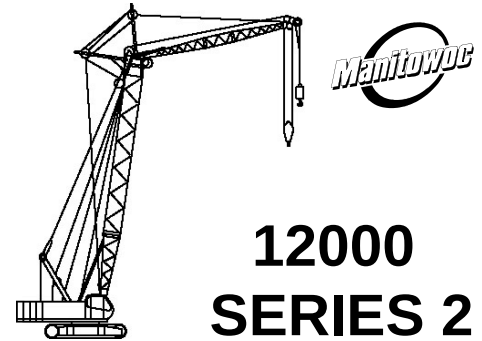
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

70 Ft. JIB

Load	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load
	Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			
Rad. (ft)	Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Rad. (ft)
60 Ft. Boom																									
28	74.1	135.0	74,300	*																					28
30	72.3	134.4	69,300	*																					30
32	70.6	133.7	65,000	*																					32
34	68.9	133.0	61,100	*																					34
36	67.1	132.1	57,700	*																					36
38	65.3	131.2	54,700	*																					38
40	63.5	130.2	52,000	*	68.2	132.1	52,000	*																	40
45	58.8	127.4	46,200	*	63.7	129.8	46,200	*																	45
50	53.8	124.0	41,200	*	59.0	127.0	41,600	*	63.9	128.8	41,400														50
55	48.5	119.9	35,700	*	54.1	123.6	37,700		59.2	126.0	37,000														55
60	42.7	114.9	31,300	*	48.8	119.5	33,700		54.3	122.6	33,100		59.3	124.5	31,700										60
65	36.2	108.6	27,600	*	43.0	114.5	30,400		49.0	118.6	29,800		54.4	121.2	28,900										65
70	28.3	100.5	24,500	*	36.5	108.4	27,600		43.3	113.7	26,900		49.1	117.2	26,200		54.3	119.2	25,100						70
75					28.8	100.4	25,100		36.8	107.6	24,700		43.4	112.3	23,800		49.0	115.1	23,100						75
80									29.2	99.7	22,500		37.0	106.2	22,000		43.3	110.2	21,400		48.8	112.5	20,500		80
85													29.3	98.4	20,300		36.9	104.2	19,600		43.0	107.6	19,200		85
90																	29.2	96.3	18,300		36.5	101.4	17,900		90
95																					28.8	93.4	16,500		95
70 Ft. Boom																									
28	74.4	145.1	74,300	*																					28
30	72.6	144.5	69,300	*																					30
32	70.9	143.8	65,000	*																					32
34	69.2	143.1	61,100	*																					34
36	67.4	142.3	57,700	*																					36
38	65.6	141.4	54,700	*																					38
40	63.8	140.4	52,000	*	69.3	142.5	52,000	*																	40
45	59.1	137.6	46,200	*	64.8	140.3	46,200	*																	45
50	54.1	134.2	41,600	*	60.2	137.6	41,600	*																	50
55	48.9	130.2	35,900	*	55.3	134.4	37,500		61.2	137.0	36,200														55
60	43.1	125.2	31,500	*	50.1	130.5	33,500		56.4	133.9	32,600														60
65	36.6	119.1	27,800	*	44.5	125.8	30,200		51.3	130.2	29,300		57.3	132.8	28,000										65
70	29.0	111.2	24,500	*	38.2	120.0	27,300		45.7	125.6	26,700		52.2	129.2	25,600										70
75					30.9	112.5	24,900		39.6	120.1	24,300		46.8	124.8	23,400		53.0	127.5	22,300						75
80					21.4	102.0	22,900		32.6	113.1	22,300		40.8	119.5	21,600		47.7	123.3	20,900						80
85									23.7	103.5	20,500		34.0	112.8	19,800		41.8	118.1	19,200		48.3	121.0	18,100		85
90													25.6	103.8	18,300		35.1	111.7	17,900		42.4	116.0	17,200		90
95																	27.0	103.1	16,500		35.9	109.7	15,900		95
100																					28.0	101.5	14,800		100



Liftcrane Luffing Jib Capacities

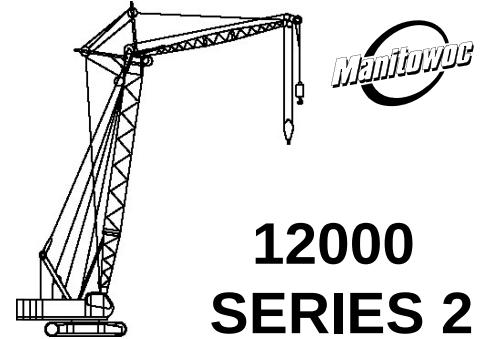
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

70 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		
80 Ft. Boom																								
30	72.9	154.6	69,300	*																			30	
32	71.2	154.0	65,000	*																			32	
34	69.5	153.2	61,100	*																			34	
36	67.7	152.4	57,700	*																			36	
38	65.9	151.5	54,700	*																			38	
40	64.1	150.6	52,000	*																			40	
45	59.4	147.8	46,200	*	65.9	150.8	46,200	*															45	
50	54.5	144.5	41,600	*	61.3	148.2	41,600	*															50	
55	49.3	140.5	36,200	*	56.5	145.1	37,500		63.1	147.9	35,500												55	
60	43.5	135.6	31,700	*	51.4	141.4	33,500		58.4	145.0	32,000												60	
65	37.1	129.6	27,800	*	45.9	136.9	30,000		53.4	141.6	28,900												65	
70	29.6	121.8	24,700	*	39.8	131.4	27,300		48.1	137.4	26,200		55.2	140.9	24,700								70	
75					32.8	124.5	24,900		42.2	132.3	23,800		50.0	137.0	23,100								75	
80					24.0	115.0	22,900		35.6	126.0	22,000		44.4	132.3	21,200		51.7	135.8	19,600				80	
85									27.7	117.7	20,300		38.1	126.5	19,600		46.2	131.3	18,700				85	
90													30.7	119.0	18,100		40.2	125.9	17,200		47.7	129.5	16,100	90
95													21.2	108.4	16,800		33.2	119.0	16,100		41.9	124.4	15,400	95
100																	24.6	109.7	15,000		35.2	117.9	14,300	100
105																					27.2	109.5	13,200	105
90 Ft. Boom																								
30	73.2	164.7	69,300	*																			30	
32	71.5	164.1	65,000	*																			32	
34	69.8	163.4	61,100	*																			34	
36	68.0	162.6	57,700	*																			36	
38	66.2	161.7	54,700	*																			38	
40	64.4	160.7	52,000	*																			40	
45	59.8	158.0	46,200	*	67.0	161.3	46,200	*															45	
50	54.9	154.7	41,600	*	62.5	158.8	41,600	*															50	
55	49.6	150.8	36,600	*	57.7	155.9	37,300																55	
60	44.0	146.0	31,700	*	52.7	152.3	33,100		60.4	156.1	31,100												60	
65	37.6	140.0	28,000	*	47.3	148.0	29,800		55.5	152.9	28,400												65	
70	30.1	132.4	24,700	*	41.4	142.8	27,100		50.4	149.0	25,800		58.1	152.5	24,000								70	
75	20.3	121.5	21,800	*	34.6	136.3	24,700		44.8	144.3	23,600		53.1	149.0	22,700								75	
80					26.4	127.6	22,700		38.5	138.6	21,600		47.8	144.7	20,700								80	
85									31.2	131.2	19,800		41.9	139.6	19,200		50.4	144.0	17,600				85	
90									21.9	121.0	18,500		35.2	133.2	17,600		44.8	139.4	16,800		47.2	138.0	14,100	90
95													27.2	124.7	16,300		38.5	133.6	15,700		41.3	132.7	13,700	95
100																	31.3	126.3	14,600		34.5	126.2	12,800	100
105																	21.9	116.0	13,400		26.3	117.4	11,900	105
110																							110	



Liftcrane Luffing Jib Capacities

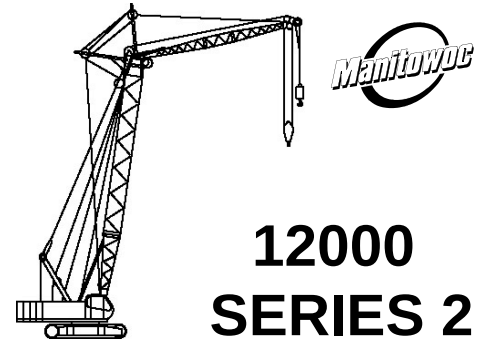
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

70 Ft. JIB

Load Rad. (ft)	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
100 Ft. Boom																									
30	73.5	174.8	69,300	*																		30			
32	71.8	174.2	65,000	*																		32			
34	70.1	173.5	61,100	*																		34			
36	68.3	172.7	57,700	*																		36			
38	66.5	171.8	54,700	*																		38			
40	64.7	170.9	52,000	*																		40			
45	60.1	168.2	46,200	*	68.1	171.7	46,200	*														45			
50	55.2	165.0	41,600	*	63.6	169.4	41,600	*														50			
55	50.0	161.1	36,800	*	58.9	166.6	36,800															55			
60	44.4	156.3	32,000	*	53.9	163.2	32,800		62.3	167.0	30,600											60			
65	38.1	150.5	28,200	*	48.7	159.1	29,500		57.6	164.1	28,000											65			
70	30.7	143.0	24,900	*	42.9	154.1	26,900		52.6	160.5	25,400											70			
75	21.1	132.4	22,000	*	36.4	147.9	24,500		47.1	156.2	23,100	56.1	160.6	21,400								75			
80					28.6	139.9	22,500		41.2	150.9	21,200	50.9	156.9	20,300								80			
85									34.4	144.3	19,600	45.4	152.3	18,500	54.3	156.3	16,800					85			
90									26.1	135.5	18,100	39.2	146.7	17,200	49.0	152.2	16,100					90			
95												32.1	139.5	15,900	43.3	147.3	15,000					95			
100												23.1	129.7	14,800	36.8	141.2	13,900	46.7	146.5	12,300		100			
105															29.2	133.3	13,000	40.7	141.1	12,100	33.9	134.4	11,200	105	
110																		25.4	125.4	10,600			110		
115																							115		
110 Ft. Boom																									
30	73.8	184.9	69,300	*																		30			
32	72.1	184.3	65,000	*																		32			
34	70.4	183.6	61,100	*																		34			
36	68.6	182.8	57,700	*																		36			
38	66.9	182.0	54,700	*																		38			
40	65.0	181.1	52,000	*																		40			
45	60.4	178.4	46,200	*	69.2	182.1	46,200	*														45			
50	55.6	175.2	41,600	*	64.7	179.9	41,400															50			
55	50.4	171.4	37,000	*	60.1	177.2	36,600															55			
60	44.8	166.7	32,200	*	55.2	174.0	32,600		64.3	177.9	30,000											60			
65	38.5	160.9	28,400	*	50.0	170.1	29,300		59.6	175.2	27,600											65			
70	31.3	153.6	25,100	*	44.3	165.3	26,700		54.7	171.8	24,900											70			
75	21.9	143.3	22,000	*	38.0	159.5	24,300		49.4	167.9	22,700	58.9	172.1	20,700								75			
80					30.7	152.0	22,300		43.8	163.0	20,900	54.0	168.7	19,600								80			
85					21.1	141.4	20,500		37.4	157.0	19,200	48.7	164.6	18,100								85			
90									29.8	149.3	17,900	42.9	159.7	16,800	53.0	164.6	14,800					90			
95												36.4	153.5	15,700	47.6	160.3	14,300					95			
100												28.7	145.5	14,600	41.8	155.2	13,400					100			
105															35.1	148.7	12,600	46.2	154.9	10,800	33.2	142.6	10,100	105	
110															27.0	140.2	11,700	40.1	149.5	10,800	24.5	133.3	9,500	110	
115																							115		
120																							120		



Liftcrane Luffing Jib Capacities

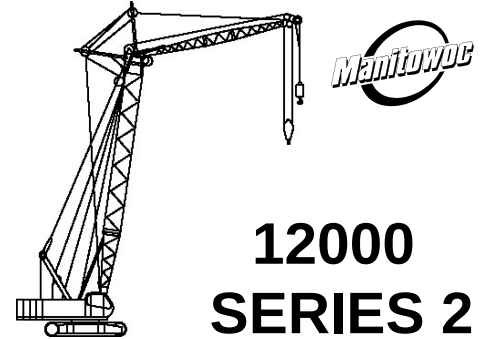
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

70 Ft. JIB

Load Rad. (ft)	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
120 Ft. Boom																									
30	74.1	195.0	69,300	*																					30
32	72.4	194.4	65,000	*																					32
34	70.7	193.7	61,100	*																					34
36	68.9	193.0	57,700	*																					36
38	67.2	192.1	54,700	*																					38
40	65.4	191.2	52,000	*																					40
45	60.7	188.6	46,200	*																					45
50	55.9	185.5	41,600	*	65.8	190.4	40,600																		50
55	50.8	181.6	37,700	*	61.2	187.9	36,200																		55
60	45.2	177.0	33,100	*	56.4	184.8	32,200																		60
65	39.0	171.4	29,100	*	51.3	181.0	29,100		61.6	186.1	26,500														65
70	31.8	164.2	25,600	*	45.8	176.5	26,200		56.8	183.1	24,500														70
75	22.7	154.2	22,700	*	39.7	171.0	24,000		51.7	179.4	22,300														75
80					32.6	164.0	22,000		46.2	174.9	20,500		56.9	180.3	18,300										80
85					23.7	154.4	20,300		40.1	169.5	18,700		51.8	176.7	17,600										85
90									33.2	162.6	17,400		46.4	172.3	16,300										90
95									24.5	153.3	16,100		40.3	166.8	15,000		51.7	172.9	13,000						95
100													33.4	160.0	13,900		46.2	168.4	12,800						100
105													24.8	150.8	13,000		40.2	163.0	11,900						105
110																	33.2	156.1	11,000		45.7	163.4	9,300		110
115																	24.6	146.8	10,400		39.5	157.8	9,300		115
120																		32.5	150.8	8,600					120
125																		23.5	141.1	8,200					125
130 Ft. Boom																									
30	74.4	205.1	60,200	*																					30
32	72.7	204.5	57,100	*																					32
34	71.0	203.8	54,200	*																					34
36	69.2	203.1	51,600	*																					36
38	67.5	202.3	49,200	*																					38
40	65.7	201.4	46,700	*																					40
45	61.1	198.8	41,700	*																					45
50	56.3	195.7	37,500	*	66.9	200.9	40,100																		50
55	51.1	191.9	33,700	*	62.4	198.5	35,900																		55
60	45.6	187.4	30,400	*	57.6	195.5	32,000																		60
65	39.5	181.8	27,300	*	52.6	191.9	28,900		63.5	197.0	26,000														65
70	32.4	174.7	24,700	*	47.2	187.6	26,000		58.8	194.2	24,000														70
75	23.4	165.1	22,300	*	41.2	182.4	23,800		53.8	190.8	21,800														75
80					34.4	175.8	21,800		48.5	186.7	20,100														80
85					26.2	167.0	20,100		42.7	181.7	18,500		54.8	188.5	16,300										85
90									36.2	175.5	17,000		49.6	184.5	15,900										90
95									28.4	167.4	15,900		43.9	179.7	14,600										95
100													37.6	173.8	13,700		50.4	181.1	11,500						100
105													30.1	166.1	12,800		44.8	176.4	11,500						105
110													20.3	155.2	11,900		38.5	170.7	10,800						110
115																	31.3	163.3	9,900		45.1	171.8	7,900		115
120																	21.9	153.1	9,300		38.9	166.2	7,900		120
125																				31.7	158.9	7,500			125
130																				22.6	148.9	7,100			130



Liftcrane Luffing Jib Capacities

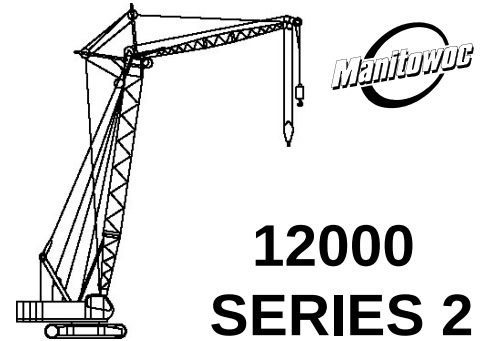
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

70 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Load Rad. (ft)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*				
140 Ft. Boom																								
32	73.0	214.6	47,000	*																		32		
34	71.3	214.0	44,800	*																		34		
36	69.5	213.2	42,500	*																		36		
38	67.8	212.4	40,600	*																		38		
40	66.0	211.5	38,800	*																		40		
45	61.4	209.0	34,600	*																		45		
50	56.6	205.9	31,100	*	68.0	211.4	39,700															50		
55	51.5	202.2	28,000	*	63.5	209.0	35,100	*														55		
60	46.0	197.7	25,100	*	58.8	206.2	31,500	*														60		
65	39.9	192.2	22,700	*	53.8	202.8	28,400	*														65		
70	32.9	185.3	20,500	*	48.5	198.7	25,800	*	60.8	205.2	22,900											70		
75	24.2	175.9	18,300	*	42.7	193.7	23,400	*	55.9	202.1	21,600											75		
80					36.2	187.5	21,200	*	50.8	198.3	19,800											80		
85					28.4	179.3	19,000	*	45.2	193.7	18,300		57.7	200.0	15,700							85		
90									39.0	188.0	17,000		52.7	196.5	15,200							90		
95									31.9	180.8	15,700		47.3	192.2	14,100							95		
100									22.7	170.9	14,600		41.4	187.0	13,000		54.3	193.3	10,600			100		
105													34.7	180.4	12,100		49.0	189.3	10,600			105		
110													26.5	171.7	11,500		43.3	184.4	9,900			110		
115																	36.8	178.3	9,300			115		
120																	29.2	170.4	8,600		44.6	180.3	6,400	120
125																				38.3	174.5	6,400	125	
130																				31.0	167.1	6,200	130	
135																				21.5	156.6	5,700	135	
150 Ft. Boom																								
32	73.3	224.7	39,900	*																		32		
34	71.6	224.1	37,900	*																		34		
36	69.9	223.4	36,200	*																		36		
38	68.1	222.6	34,400	*																		38		
40	66.3	221.7	32,800	*																		40		
45	61.7	219.2	29,300	*																		45		
50	56.9	216.1	26,200	*	69.1	221.8	33,500	*														50		
55	51.9	212.5	23,400	*	64.6	219.6	30,000	*														55		
60	46.4	208.1	21,200	*	59.9	216.9	26,900	*														60		
65	40.4	202.7	19,000	*	55.1	213.6	24,300	*														65		
70	33.4	195.8	17,000	*	49.8	209.7	21,800	*	62.7	216.2	22,300											70		
75	24.9	186.6	15,200	*	44.2	204.9	19,600	*	58.0	213.2	21,200											75		
80					37.9	199.0	17,900	*	53.0	209.7	19,400											80		
85					30.5	191.5	15,900	*	47.6	205.5	17,900											85		
90					20.8	180.8	14,300	*	41.7	200.3	16,500		55.7	208.2	13,900							90		
95									35.0	193.8	15,400		50.5	204.4	13,700							95		
100									26.9	185.3	14,300		44.9	199.7	12,600							100		
105													38.7	194.0	11,700		53.0	201.7	9,000			105		
110													31.5	186.7	11,000		47.6	197.4	9,000			110		
115													22.2	176.6	10,100		41.7	192.2	8,600			115		
120																	35.0	185.8	7,900		44.0	188.7	5,100	120
125																	26.9	177.3	7,500		37.7	182.8	5,100	125
130																				30.2	175.2	5,100	130	
135																				20.4	164.3	4,600	135	
140																							140	



Liftcrane Luffing Jib Capacities

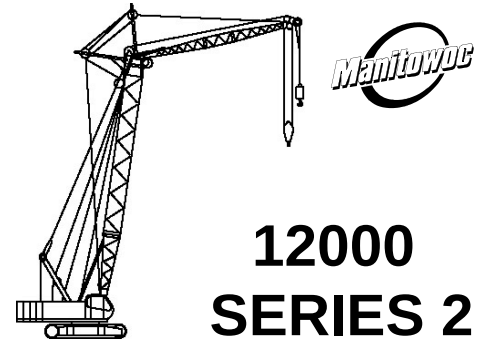
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

80 Ft. JIB

Load	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load
	Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			Jib Angle	Jib Point Elev.			
Rad. (ft)	Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Angle (deg)	Point (ft)	Rated Load (lbs)		Rad. (ft)
60 Ft. Boom																									
32	73.1	144.3	65,000	*																					32
34	71.6	143.6	61,100	*																					34
36	70.1	142.9	57,700	*																					36
38	68.6	142.1	54,700	*																					38
40	67.0	141.3	52,000	*																					40
45	63.0	138.9	46,200	*	67.2	140.8	46,200	*																	45
50	58.9	136.1	41,200	*	63.3	138.4	41,600	*																	50
55	54.6	132.7	35,700	*	59.1	135.6	37,700		63.4	137.5	36,200														55
60	50.0	128.8	31,300	*	54.8	132.3	33,500		59.3	134.7	32,600														60
65	45.1	124.1	27,800	*	50.3	128.4	30,200		55.0	131.4	29,300		59.4	133.2	28,200										65
70	39.8	118.6	24,700	*	45.4	123.8	27,300		50.5	127.5	26,700		55.1	129.9	25,800										70
75	33.7	111.7	22,000	*	40.1	118.3	25,100		45.6	122.9	24,300		50.6	126.0	23,600										75
80	26.4	102.9	19,600	*	34.1	111.5	22,900		40.3	117.4	22,300		45.7	121.5	21,600		50.5	124.0	20,500						80
85					26.9	102.8	20,700	*	34.3	110.8	20,500		40.4	116.0	19,800		45.7	119.5	19,400						85
90									27.2	102.2	19,000		34.5	109.4	18,500		40.4	114.0	18,100		45.4	116.8	17,000		90
95													27.4	100.8	17,200		34.4	107.3	16,800		40.1	111.3	16,300		95
100																	27.3	98.7	15,700		34.0	104.5	15,000		100
105																				26.9	95.9	14,100			105
70 Ft. Boom																									
32	73.4	154.4	65,000	*																					32
34	71.9	153.7	61,100	*																					34
36	70.4	153.0	57,700	*																					36
38	68.8	152.3	54,700	*																					38
40	67.3	151.4	52,000	*																					40
45	63.3	149.1	46,200	*	68.2	151.2	46,200	*																	45
50	59.2	146.3	41,600	*	64.2	149.0	41,600	*																	50
55	54.9	143.0	36,200	*	60.2	146.3	37,500																		55
60	50.4	139.1	31,500	*	55.9	143.1	33,300		61.0	145.7	31,700														60
65	45.5	134.5	28,000	*	51.4	139.3	30,000		56.8	142.6	28,900														65
70	40.2	129.0	24,700	*	46.7	134.9	27,100		52.4	139.0	26,200		57.6	141.5	24,900										70
75	34.2	122.2	22,000	*	41.4	129.6	24,900		47.7	134.7	24,000		53.3	137.9	23,100										75
80	27.0	113.6	19,800	*	35.6	123.2	22,700		42.6	129.6	22,000		48.6	133.8	21,400		53.9	136.3	20,100						80
85					28.8	115.1	20,900		36.9	123.5	20,300		43.6	128.9	19,600		49.3	132.2	19,000						85
90									30.4	115.8	18,700		38.0	123.0	18,100		44.4	127.5	17,400						90
95									22.1	105.4	17,400		31.7	115.7	17,000		38.9	121.7	16,300		44.9	125.3	15,000		95
100													23.9	105.9	15,700		32.7	114.6	15,000		39.5	119.6	14,600		100
105																	25.2	105.4	14,100		33.4	112.8	13,400		105
110																				26.1	103.8	12,600			110



Liftcrane Luffing Jib Capacities

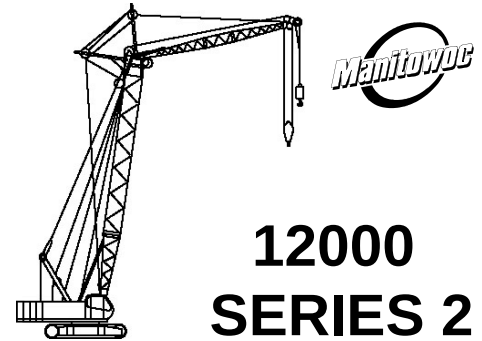
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

80 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
80 Ft. Boom																								
32	73.6	164.5	65,000	*																			32	
34	72.1	163.8	61,100	*																			34	
36	70.6	163.2	57,700	*																			36	
38	69.1	162.4	54,700	*																			38	
40	67.5	161.6	52,000	*																			40	
45	63.6	159.2	46,200	*	69.1	161.7	46,200	*															45	
50	59.5	156.5	41,600	*	65.2	159.5	41,600	*															50	
55	55.2	153.2	36,400	*	61.2	156.9	37,000																55	
60	50.7	149.4	31,700	*	57.0	153.8	33,100		62.7	156.6	31,300												60	
65	45.9	144.8	28,000	*	52.5	150.2	29,800		58.6	153.7	28,400												65	
70	40.6	139.4	24,900	*	47.8	146.0	26,900		54.3	150.3	25,800												70	
75	34.6	132.8	22,300	*	42.8	140.9	24,700		49.7	146.3	23,600		55.8	149.6	22,000								75	
80	27.6	124.3	19,800	*	37.1	134.8	22,700		44.8	141.6	21,600		51.4	145.9	20,700								80	
85					30.6	127.2	20,900		39.4	136.0	19,800		46.6	141.4	19,200		52.8	144.6	17,600				85	
90					22.4	117.0	19,200		33.2	129.0	18,500		41.4	136.2	17,600		48.1	140.4	17,000				90	
95									25.8	120.0	17,200		35.5	129.7	16,500		43.1	135.4	15,700		49.4	138.5	14,300	95
100													28.7	121.6	15,200		37.5	129.4	14,600		44.5	133.7	13,900	100
105																	31.0	121.9	13,700		39.0	128.0	13,000	105
110																	22.9	111.8	12,800		32.8	120.9	12,100	110
115																					25.3	111.7	11,200	115
90 Ft. Boom																								
32	73.9	174.6	65,000	*																			32	
34	72.4	174.0	61,100	*																			34	
36	70.9	173.3	57,700	*																			36	
38	69.4	172.5	54,700	*																			38	
40	67.8	171.7	52,000	*																			40	
45	63.9	169.4	46,200	*																			45	
50	59.8	166.7	41,600	*	66.2	170.0	41,200																50	
55	55.5	163.4	36,600	*	62.2	167.5	36,800																55	
60	51.0	159.6	32,000	*	58.0	164.6	32,800		64.4	167.4	30,600												60	
65	46.2	155.1	28,200	*	53.6	161.1	29,500		60.3	164.7	28,000												65	
70	41.0	149.8	25,100	*	49.0	157.0	26,700		56.1	161.6	25,400												70	
75	35.1	143.3	22,300	*	44.0	152.2	24,500		51.6	157.9	23,100		58.4	161.1	21,600								75	
80	28.1	135.0	19,800	*	38.6	146.4	22,500		46.9	153.5	21,200		54.0	157.7	20,300								80	
85					32.3	139.2	20,700		41.7	148.2	19,600		49.4	153.7	18,700								85	
90					24.6	129.8	19,200		35.9	141.9	18,100		44.5	148.9	17,400		51.7	152.9	15,700				90	
95									29.1	133.9	16,800		39.0	143.2	16,100		46.9	148.5	15,200		49.0	147.0	12,800	95
100									20.4	122.8	15,700		32.8	136.2	15,000		41.7	143.3	14,100		44.0	142.1	12,300	100
105													25.3	127.0	13,900		35.9	136.9	13,200		38.5	136.3	11,500	105
110																	29.2	128.9	12,300		32.2	129.1	10,800	110
115																	20.4	117.8	11,500					115
120																					24.5	119.6	10,100	120



Liftcrane Luffing Jib Capacities

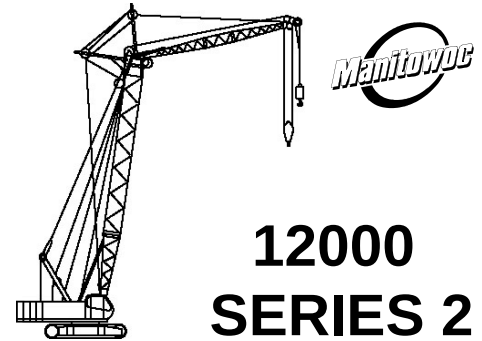
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

80 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)	
100 Ft. Boom																								
32	74.2	184.7	65,000	*																			32	
34	72.7	184.1	61,100	*																			34	
36	71.2	183.4	57,700	*																			36	
38	69.6	182.7	54,700	*																			38	
40	68.1	181.9	52,000	*																			40	
45	64.1	179.6	46,200	*																			45	
50	60.1	176.9	41,600	*	67.1	180.4	41,000																50	
55	55.8	173.7	36,800	*	63.1	178.1	36,600																55	
60	51.3	169.9	32,200	*	59.0	175.2	32,600																60	
65	46.6	165.5	28,400	*	54.7	171.9	29,300		62.1	175.7	27,100												65	
70	41.3	160.2	25,100	*	50.2	168.0	26,500		57.9	172.7	24,900												70	
75	35.5	153.8	22,500	*	45.3	163.4	24,300		53.5	169.3	22,700												75	
80		145.6	20,100	*	40.0	157.8	22,300		48.9	165.2	20,900		56.6	169.3	19,200								80	
85					33.9	151.0	20,500		43.9	160.3	19,200		52.1	165.7	18,300								85	
90					26.7	142.3	19,000		38.4	154.5	17,900		47.4	161.4	16,800								90	
95									32.1	147.3	16,500		42.3	156.2	15,700		50.5	161.1	13,900					95
100									24.4	137.7	15,200		36.6	150.0	14,600		45.6	156.5	13,400					100
105													29.9	142.3	13,400		40.3	151.1	12,600		48.5	155.5	11,000	105
110													21.5	131.6	12,600		34.4	144.4	11,700		43.5	150.5	11,000	110
115																	27.2	135.8	11,000		37.9	144.6	10,100	115
120																					31.6	137.3	9,500	120
125																					23.7	127.5	8,800	125
110 Ft. Boom																								
32	74.4	194.8	64,200	*																			32	
34	72.9	194.2	61,100	*																			34	
36	71.4	193.5	57,700	*																			36	
38	69.9	192.8	54,700	*																			38	
40	68.4	192.0	52,000	*																			40	
45	64.4	189.8	46,200	*																			45	
50	60.4	187.1	41,600	*	68.1	190.9	40,600																50	
55	56.1	183.9	37,700	*	64.1	188.6	36,200																55	
60	51.7	180.2	33,100	*	60.1	185.9	32,200																60	
65	46.9	175.8	29,100	*	55.8	182.7	28,900		63.7	186.6	26,500												65	
70	41.7	170.6	25,800	*	51.3	178.9	26,200		59.6	183.8	24,500												70	
75	35.9	164.2	22,900	*	46.5	174.5	24,000		55.4	180.6	22,300												75	
80	29.2	156.2	20,500	*	41.3	169.2	22,000		50.9	176.7	20,500		59.1	180.8	18,500								80	
85	20.5	145.2	18,300	*	35.5	162.8	20,300		46.0	172.2	18,700		54.8	177.5	17,600								85	
90					28.6	154.6	18,700		40.8	166.8	17,400		50.2	173.5	16,300								90	
95									34.8	160.2	16,100		45.3	168.9	15,200		53.9	173.3	13,200					95
100									27.8	151.9	15,000		40.0	163.4	14,100		49.3	169.3	13,000					100
105													34.0	156.6	13,200		44.4	164.5	12,100					105
110													26.8	147.9	12,300		38.9	158.8	11,200		48.1	164.0	9,500	110
115																	32.7	151.7	10,600		43.0	159.0	9,500	115
120																	25.2	142.5	9,900		37.4	152.9	8,800	120
125																					30.9	145.4	8,400	125
130																					22.9	135.3	7,700	130



Liftcrane Luffing Jib Capacities

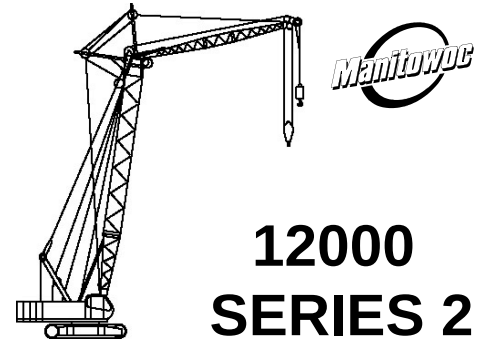
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

80 Ft. JIB

Load Rad. (ft)	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
120 Ft. Boom																									
34	73.2	204.3	61,100	*																					34
36	71.7	203.6	57,700	*																					36
38	70.2	202.9	54,700	*																					38
40	68.6	202.1	52,000	*																					40
45	64.7	199.9	46,200	*																					45
50	60.7	197.3	41,600	*	69.0	201.3	40,100																		50
55	56.4	194.1	37,700	*	65.1	199.1	35,700																		55
60	52.0	190.5	33,300	*	61.1	196.5	32,000																		60
65	47.2	186.1	29,300	*	56.9	193.5	28,700																		65
70	42.1	181.0	26,000	*	52.4	189.8	26,000	61.4	194.8	23,400															70
75	36.4	174.7	23,100	*	47.7	185.6	23,600	57.2	191.8	22,000															75
80	29.7	166.9	20,500	*	42.6	180.5	21,800	52.8	188.2	20,300															80
85	21.2	156.1	18,300	*	37.0	174.4	20,100	48.1	184.0	18,700	57.3	189.0	16,300												85
90					30.4	166.7	18,500	43.0	179.0	17,200	52.9	185.5	15,900												90
95					22.2	156.3	17,200	37.4	172.9	16,100	48.2	181.3	14,600												95
100								30.9	165.4	15,000	43.2	176.3	13,700	52.8	181.7	11,700									100
105								22.9	155.3	13,900	37.6	170.3	12,600	48.1	177.5	11,500									105
110											31.2	162.8	11,900	43.0	172.5	10,800									110
115											23.2	152.9	11,000	37.4	166.4	9,900	47.6	172.4	7,900						115
120														31.0	158.9	9,300	42.5	167.4	7,900						120
125														22.9	148.8	8,600	36.9	161.2	7,500						125
130																	30.3	153.5	7,100						130
135																	22.0	143.1	6,600						135
130 Ft. Boom																									
34	73.4	214.4	53,800	*																					34
36	71.9	213.7	51,400	*																					36
38	70.4	213.0	48,900	*																					38
40	68.9	212.3	46,700	*																					40
45	65.0	210.1	41,700	*																					45
50	60.9	207.5	37,500	*																					50
55	56.7	204.4	33,700	*	66.1	209.6	34,800																		55
60	52.3	200.7	30,600	*	62.1	207.1	31,500																		60
65	47.6	196.5	27,800	*	57.9	204.2	28,400																		65
70	42.5	191.4	25,400	*	53.5	200.7	25,800	63.1	205.7	22,900															70
75	36.8	185.2	22,900	*	48.9	196.6	23,400	58.9	202.9	21,800															75
80	30.2	177.5	20,700	*	43.9	191.7	21,600	54.6	199.5	19,800															80
85	21.9	167.0	18,500	*	38.4	185.9	19,800	50.1	195.6	18,300															85
90					32.1	178.7	18,300	45.2	190.9	17,000	55.5	197.2	14,600												90
95					24.4	169.2	17,000	39.8	185.4	15,700	51.0	193.4	14,300												95
100								33.8	178.5	14,600	46.2	188.9	13,200				51.6	189.9	10,100						100
105								26.5	169.7	13,700	40.9	183.5	12,300				46.9	185.6	10,100						105
110											35.0	177.0	11,500				41.7	180.3	9,500						110
115											28.1	168.7	10,800				35.9	174.0	8,800						115
120																	29.2	166.0	8,200	47.2	180.9	6,600			120
125																	20.4	154.9	7,700	42.0	175.8	6,600			125
130																				36.3	169.5	6,400			130
135																				29.6	161.6	6,000			135
140																				21.0	150.8	5,500			140



Liftcrane Luffing Jib Capacities

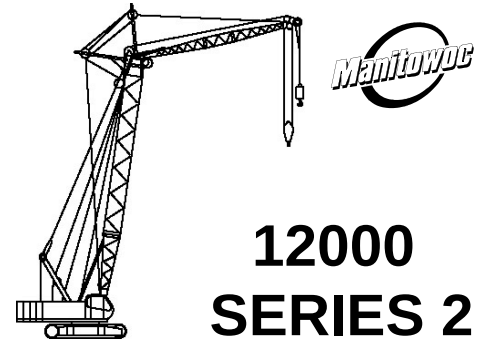
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

80 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*		
Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)		Rad. Angle (deg)
140 Ft. Boom																									
34	73.7	224.5	44,100	*																				34	
36	72.2	223.8	42,100	*																				36	
38	70.7	223.2	40,100	*																				38	
40	69.2	222.4	38,400	*																				40	
45	65.3	220.2	34,400	*																				45	
50	61.2	217.7	30,900	*																				50	
55	57.0	214.6	28,000	*	67.0	220.1	34,400																	55	
60	52.6	211.0	25,400	*	63.0	217.7	31,300																	60	
65	47.9	206.8	22,900	*	58.9	214.9	28,000																	65	
70	42.8	201.7	20,900	*	54.6	211.5	25,400																	70	
75	37.2	195.7	19,000	*	50.1	207.6	23,100		60.7	213.9	20,300													75	
80	30.7	188.1	17,200	*	45.2	202.9	21,200		56.4	210.8	19,400													80	
85	22.5	177.9	15,400	*	39.8	197.4	19,400	*	52.0	207.1	17,900													85	
90					33.7	190.5	17,600	*	47.3	202.7	16,500		58.0	208.7	13,900									90	
95					26.5	181.7	16,100	*	42.1	197.6	15,400		53.7	205.2	13,700									95	
100									36.4	191.4	14,300		49.1	201.2	12,800									100	
105									29.7	183.5	13,200		44.1	196.3	11,900									105	
110									21.2	172.7	12,300		38.6	190.5	11,000			50.5	198.2	8,400				110	
115													32.3	183.4	10,400			45.6	193.6	8,400				115	
120													24.7	174.0	9,700			40.3	188.1	8,200				120	
125																		34.3	181.4	7,500		46.7	189.4	5,300	125
130																		27.2	172.9	7,100		41.5	184.1	5,300	130
135																					35.7	177.8	5,300		135
140																					28.9	169.7	4,900		140
145																					20.1	158.4	4,400		145
150 Ft. Boom																									
34	74.0	234.6	37,500	*																				34	
36	72.5	234.0	35,700	*																				36	
38	71.0	233.3	34,200	*																				38	
40	69.4	232.5	32,400	*																				40	
45	65.5	230.4	29,100	*																				45	
50	61.5	227.8	26,000	*																				50	
55	57.3	224.8	23,400	*	68.0	230.5	29,500																	55	
60	52.9	221.3	21,200	*	64.0	228.2	26,700																	60	
65	48.3	217.1	19,200	*	60.0	225.5	24,000																	65	
70	43.2	212.1	17,200	*	55.7	222.3	21,800																	70	
75	37.6	206.1	15,700	*	51.2	218.5	19,600		62.4	224.8	19,800													75	
80	31.2	198.7	14,100	*	46.4	214.1	17,900		58.2	221.9	19,000													80	
85	23.2	188.7	12,600	*	41.2	208.8	16,300		53.9	218.5	17,400													85	
90					35.3	202.3	14,800	*	49.3	214.4	16,100													90	
95					28.4	194.1	13,200	*	44.3	209.6	15,000		56.2	216.9	12,100									95	
100									38.9	203.9	13,900		51.8	213.2	12,100									100	
105									32.6	196.8	13,000		47.0	208.8	11,200									105	
110									25.1	187.5	12,100		41.9	203.6	10,600			53.9	210.4	7,700				110	
115													36.1	197.3	9,900			49.3	206.4	7,700				115	
120													29.4	189.4	9,000			44.3	201.6	7,500				120	
125													20.7	178.4	8,600			38.9	195.9	6,800				125	
130																		32.7	188.8	6,400				130	
135																		25.1	179.5	6,000				135	



Liftcrane Luffing Jib Capacities

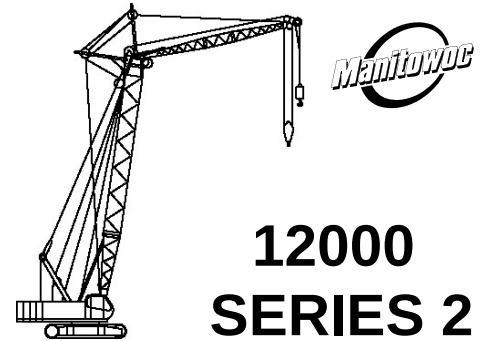
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

90 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		
60 Ft. Boom																								
34	73.7	154.1	61,100	*																		34		
36	72.4	153.5	57,700	*																		36		
38	71.0	152.8	54,700	*																		38		
40	69.7	152.1	52,000	*																		40		
45	66.2	150.0	46,200	*																		45		
50	62.7	147.6	41,600	*	66.4	149.5	41,600	*														50		
55	59.0	144.7	36,400	*	62.9	147.1	37,500															55		
60	55.2	141.4	32,000	*	59.2	144.3	33,300		63.0	146.1	32,000											60		
65	51.2	137.6	28,200	*	55.4	141.0	30,000		59.4	143.3	29,100											65		
70	47.0	133.2	25,100	*	51.4	137.2	27,100		55.6	140.1	26,500		59.5	141.9	25,100							70		
75	42.4	128.1	22,500	*	47.2	132.9	24,900		51.6	136.3	24,000		55.7	138.6	23,400							75		
80	37.4	122.0	20,300	*	42.7	127.8	22,700		47.4	132.0	22,000		51.7	134.9	21,400							80		
85	31.7	114.6	18,300	*	37.7	121.7	20,900		42.9	126.9	20,300		47.5	130.5	19,600		51.6	132.9	18,700			85		
90	24.9	105.1	16,500	*	32.0	114.4	19,000	*	37.9	120.9	18,700		42.9	125.5	18,300		47.4	128.5	17,900			90		
95					25.3	105.1	17,200	*	32.3	113.7	17,400		38.0	119.5	17,000		42.9	123.5	16,500		47.2	125.9	15,400	95
100									25.6	104.5	16,300		32.4	112.3	15,700		37.9	117.5	15,400		42.6	120.8	14,800	100
105													25.7	103.1	14,800		32.3	110.3	14,300		37.7	114.8	13,900	105
110																	25.6	101.0	13,400		32.0	107.5	13,000	110
115																				25.3	98.1	12,100		115
70 Ft. Boom																								
34	74.0	164.2	61,100	*																		34		
36	72.6	163.6	57,700	*																		36		
38	71.3	162.9	54,700	*																		38		
40	69.9	162.2	52,000	*																		40		
45	66.5	160.2	46,200	*																		45		
50	62.9	157.7	41,600	*	67.3	160.0	41,600	*														50		
55	59.3	154.9	36,600	*	63.8	157.7	37,300															55		
60	55.5	151.7	32,200	*	60.1	154.9	33,100															60		
65	51.5	147.9	28,400	*	56.4	151.8	29,800		60.9	154.3	28,200											65		
70	47.3	143.5	25,400	*	52.4	148.1	26,900		57.2	151.3	26,000											70		
75	42.7	138.5	22,700	*	48.3	143.9	24,700		53.3	147.7	23,800		57.9	150.1	22,300							75		
80	37.8	132.5	20,300	*	43.8	139.0	22,500		49.2	143.7	21,800		54.0	146.7	21,200							80		
85	32.1	125.2	18,300	*	39.0	133.2	20,700		44.8	138.9	20,100		50.0	142.7	19,400							85		
90	25.4	115.9	16,500	*	33.5	126.3	19,200		40.0	133.3	18,500		45.6	138.1	17,900		50.6	141.1	16,500			90		
95					27.1	117.6	17,600	*	34.7	126.7	17,200		41.0	132.7	16,800		46.3	136.6	15,900			95		
100									28.6	118.4	16,100		35.8	126.3	15,400		41.7	131.3	14,800		46.8	134.4	13,700	100
105									20.8	107.3	15,000		29.8	118.4	14,600		36.6	125.1	13,900		42.2	129.2	13,200	105
110													22.4	107.9	13,400		30.8	117.4	13,000		37.2	123.1	12,300	110
115																	23.7	107.5	12,100		31.5	115.6	11,700	115
120																				24.6	106.0	10,800		120



Liftcrane Luffing Jib Capacities

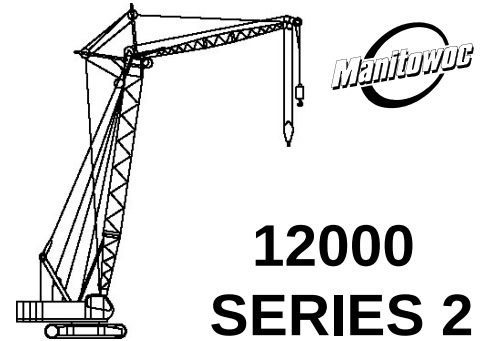
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

90 Ft. JIB

Load Rad. (ft)	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
80 Ft. Boom																									
34	74.2	174.3	61,100	*																		34			
36	72.9	173.7	57,700	*																		36			
38	71.5	173.1	54,700	*																		38			
40	70.2	172.3	52,000	*																		40			
45	66.7	170.3	46,200	*																		45			
50	63.2	167.9	41,600	*	68.1	170.4	41,400															50			
55	59.6	165.1	37,000	*	64.6	168.2	36,800															55			
60	55.8	161.9	32,400	*	61.0	165.6	32,800															60			
65	51.8	158.2	28,700	*	57.3	162.5	29,500		62.4	165.3	27,800											65			
70	47.6	153.9	25,400	*	53.4	159.0	26,700		58.8	162.4	25,600											70			
75	43.1	148.8	22,700	*	49.3	154.9	24,500		54.9	159.1	23,400											75			
80	38.1	142.9	20,500	*	44.9	150.2	22,500		50.9	155.2	21,400		56.3	158.3	19,800							80			
85	32.6	135.7	18,500	*	40.2	144.7	20,700		46.7	150.7	19,600		52.4	154.7	19,000							85			
90	25.9	126.6	16,500	*	34.9	138.0	19,200		42.1	145.5	18,100		48.2	150.5	17,400		53.6	153.3	16,100			90			
95					28.8	129.8	17,600		37.0	139.4	17,000		43.7	145.5	16,300		49.6	149.3	15,400			95			
100					21.1	118.8	16,100	*	31.3	131.9	15,700		38.9	139.7	15,000		45.2	144.6	14,300			100			
105									24.3	122.2	14,600		33.4	132.8	14,100		40.5	139.1	13,400		46.4	142.8	12,100	105	
110													27.0	124.0	13,200		35.2	132.6	12,600		41.8	137.6	11,900	110	
115																	29.2	124.5	11,700		36.7	131.4	11,000	115	
120																	21.6	113.7	11,000		30.9	123.7	10,400	120	
125																				23.8	113.9	9,700	125		
90 Ft. Boom																									
34	74.4	184.4	61,100	*																			34		
36	73.1	183.8	57,700	*																			36		
38	71.7	183.2	54,700	*																			38		
40	70.4	182.5	52,000	*																			40		
45	67.0	180.5	46,200	*																			45		
50	63.4	178.1	41,600	*	69.0	180.8	41,000																50		
55	59.8	175.3	37,300	*	65.5	178.7	36,600																55		
60	56.0	172.1	32,600	*	61.9	176.2	32,600																60		
65	52.1	168.5	28,900	*	58.2	173.2	29,300		63.9	176.1	27,300												65		
70	47.9	164.2	25,600	*	54.4	169.8	26,500		60.3	173.4	25,100												70		
75	43.4	159.2	22,900	*	50.3	165.9	24,300		56.5	170.3	22,900												75		
80	38.5	153.3	20,500	*	46.0	161.4	22,300		52.6	166.7	20,900		58.5	169.8	19,400								80		
85	33.0	146.3	18,500	*	41.4	156.0	20,500		48.5	162.5	19,400		54.7	166.4	18,500								85		
90	26.4	137.3	16,800	*	36.2	149.7	19,000		44.0	157.6	17,900		50.7	162.6	17,000		52.6	161.7	14,300				90		
95					30.4	142.0	17,600		39.2	151.9	16,500		46.4	158.1	15,900		52.6	161.7	14,300				95		
100					23.2	131.8	16,300		33.8	145.0	15,400		41.8	152.8	14,800		48.5	157.5	13,900				100		
105									27.4	136.3	14,300		36.7	146.6	13,700		44.0	152.6	13,000				105		
110													30.9	139.0	12,800		39.2	146.9	12,100		46.0	151.3	10,600	110	
115													23.8	129.1	11,900		33.8	140.0	11,200		41.3	146.0	10,600	115	
120																	27.4	131.4	10,600		36.2	139.6	9,900	120	
125																					30.3	131.9	9,300	125	
130																					23.1	121.7	8,600	130	



Liftcrane Luffing Jib Capacities

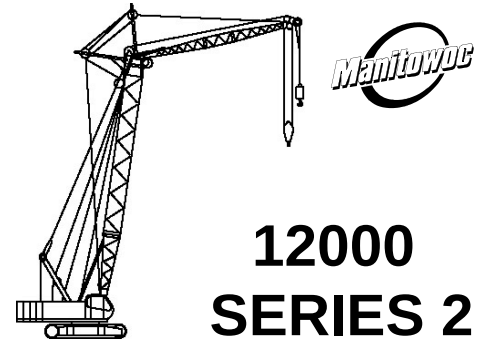
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

90 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	
100 Ft. Boom																								
36	73.3	193.9	57,700	*																				36
38	72.0	193.3	54,700	*																				38
40	70.6	192.6	52,000	*																				40
45	67.2	190.6	46,200	*																				45
50	63.7	188.3	41,600	*																				50
55	60.1	185.5	37,700	*	66.3	189.2	35,700																	55
60	56.3	182.4	32,800	*	62.8	186.7	32,200																	60
65	52.4	178.7	28,900	*	59.1	183.9	29,100																	65
70	48.2	174.5	25,800	*	55.3	180.6	26,200	61.8	184.4	24,300														70
75	43.7	169.6	22,900	*	51.3	176.8	24,000	58.1	181.4	22,700														75
80	38.8	163.8	20,700	*	47.1	172.5	22,000	54.3	178.0	20,900														80
85	33.4	156.8	18,500	*	42.6	167.3	20,300	50.2	174.1	19,200	57.0	178.0	17,200											85
90	26.9	148.0	16,800	*	37.6	161.3	18,700	45.9	169.5	17,600	53.1	174.5	16,500											90
95					31.9	153.9	17,400	41.2	164.1	16,500	48.9	170.3	15,400											95
100					25.1	144.5	16,100	36.1	157.8	15,200	44.5	165.6	14,300	51.6	169.9	12,600								100
105								30.2	150.0	14,300	39.7	159.9	13,200	47.4	165.6	12,300								105
110								23.0	139.8	13,400	34.4	153.2	12,300	42.9	160.5	11,500								110
115											28.2	144.8	11,700	37.9	154.6	10,800	45.6	159.8	9,000					115
120											20.2	133.4	10,800	32.3	147.3	10,100	40.9	154.3	9,000					120
125														25.6	138.1	9,500	35.7	147.9	8,600					125
130																	29.7	140.0	7,900					130
135																	22.3	129.5	7,500					135
110 Ft. Boom																								
36	73.5	204.0	57,700	*																				36
38	72.2	203.4	54,700	*																				38
40	70.9	202.7	52,000	*																				40
45	67.4	200.7	46,200	*																				45
50	63.9	198.4	41,600	*																				50
55	60.3	195.7	37,700	*	67.2	199.6	35,300																	55
60	56.6	192.6	33,100	*	63.7	197.3	32,000																	60
65	52.6	189.0	29,100	*	60.0	194.6	28,700																	65
70	48.5	184.8	25,800	*	56.3	191.4	26,000	63.3	195.2	23,600														70
75	44.0	179.9	23,100	*	52.3	187.7	23,800	59.7	192.5	22,300														75
80	39.2	174.2	20,700	*	48.2	183.5	21,800	55.9	189.3	20,500														80
85	33.8	167.3	18,700	*	43.7	178.6	20,100	51.9	185.6	18,700	59.2	189.4	16,500											85
90	27.4	158.7	16,800	*	38.8	172.8	18,500	47.7	181.3	17,400	55.4	186.2	16,100											90
95					33.4	165.8	17,200	43.2	176.3	16,100	51.4	182.4	15,000											95
100					26.9	157.0	15,900	38.3	170.4	15,000	47.1	178.0	13,900											100
105								32.8	163.2	13,900	42.6	172.9	12,800	50.6	178.2	11,000								105
110								26.2	154.2	13,000	37.6	166.8	12,100	46.3	173.7	11,000								110
115											31.9	159.5	11,200	41.7	168.4	10,400								115
120											25.2	150.1	10,600	36.6	162.1	9,700	45.2	168.2	7,700					120
125														30.8	154.5	9,000	40.4	162.7	7,700					125
130																	23.7	144.6	8,400					130
135																				29.1	148.0	6,800		135
140																				21.5	137.2	6,400		140



Liftcrane Luffing Jib Capacities

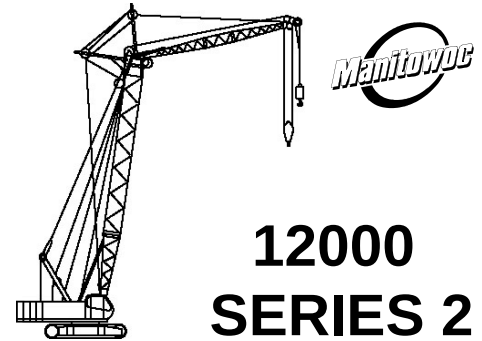
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

90 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib				
Rad.	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Rad.		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(ft)		
120 Ft. Boom																								
36	73.8	214.1	57,700	*																		36		
38	72.4	213.5	54,700	*																		38		
40	71.1	212.8	52,000	*																		40		
45	67.7	210.9	46,200	*																		45		
50	64.2	208.6	41,600	*																		50		
55	60.6	205.9	37,700	*	68.0	210.1	34,800															55		
60	56.8	202.8	33,300	*	64.5	207.8	31,700															60		
65	52.9	199.3	29,300	*	60.9	205.2	28,400															65		
70	48.8	195.1	26,000	*	57.2	202.1	25,800															70		
75	44.4	190.3	23,100	*	53.3	198.6	23,400	61.2	203.5	20,900												75		
80	39.6	184.6	20,900	*	49.2	194.5	21,400	57.5	200.4	20,100												80		
85	34.2	177.9	18,700	*	44.8	189.8	19,800	53.6	196.9	18,500												85		
90	27.9	169.4	17,000	*	40.1	184.2	18,300	49.5	192.9	17,000	57.6	197.7	14,800									90		
95	19.9	157.9	15,200	*	34.8	177.6	17,000	45.2	188.2	15,900	53.7	194.2	14,300									95		
100					28.6	169.3	15,900	40.4	182.7	14,800	49.6	190.2	13,400									100		
105					20.8	158.2	14,800	35.2	176.2	13,700	45.3	185.5	12,300	53.6	190.4	10,400						105		
110								29.1	168.0	12,800	40.6	180.1	11,700	49.5	186.4	10,400						110		
115								21.5	157.2	11,900				45.2	181.7	9,700						115		
120											29.3	165.5	10,100	40.4	176.2	9,000		49.1	181.4	6,800		120		
125											21.8	154.8	9,500	35.2	169.7	8,400		44.7	176.7	6,800		125		
130														29.1	161.6	7,700		40.0	171.1	6,600		130		
135														21.6	150.8	7,300		34.6	164.4	6,200		135		
140																		28.5	156.1	5,700		140		
145																		20.7	144.9	5,300		145		
130 Ft. Boom																								
36	74.0	224.2	50,900	*																		36		
38	72.7	223.6	48,700	*																		38		
40	71.3	222.9	46,500	*																		40		
45	67.9	221.0	41,700	*																		45		
50	64.4	218.8	37,500	*																		50		
55	60.8	216.1	34,000	*	68.9	220.5	34,600															55		
60	57.1	213.1	30,600	*	65.4	218.3	31,300															60		
65	53.2	209.5	28,000	*	61.8	215.8	28,200															65		
70	49.1	205.4	25,600	*	58.1	212.8	25,600															70		
75	44.7	200.7	23,400	*	54.3	209.4	23,100	62.7	214.4	20,500												75		
80	39.9	195.1	20,900	*	50.2	205.5	21,200	59.1	211.5	19,600												80		
85	34.6	188.4	18,700	*	45.9	200.9	19,600	55.2	208.2	18,100												85		
90	28.4	180.1	17,000	*	41.3	195.6	18,100	51.2	204.4	16,800												90		
95	20.6	168.8	15,200	*	36.1	189.2	16,800	47.0	200.0	15,400	56.0	205.9	13,000									95		
100					30.2	181.4	15,700	42.4	194.9	14,300	52.1	202.2	13,000									100		
105					23.0	171.2	14,600	37.4	188.8	13,400	47.9	197.9	12,100									105		
110								31.7	181.4	12,600	43.4	192.9	11,200	52.6	198.7	8,800						110		
115								24.9	172.0	11,700	38.5	187.1	10,600	48.5	194.6	8,800						115		
120											33.0	180.0	9,700	44.0	189.7	8,600						120		
125											26.4	171.0	9,300	39.2	184.0	7,900		48.7	189.9	5,700		125		
130														33.8	177.1	7,300		44.3	185.1	5,700		130		
135														27.4	168.4	6,800		39.5	179.4	5,700		135		
140																		34.1	172.6	5,300		140		
145																		27.8	164.1	4,900		145		



Liftcrane Luffing Jib Capacities

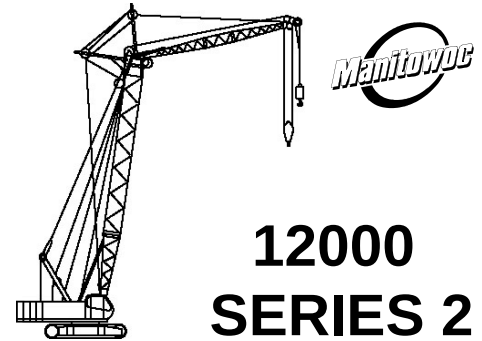
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

90 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
140 Ft. Boom																								
36	74.2	234.3	41,700	*																				36
38	72.9	233.7	39,900	*																				38
40	71.6	233.0	38,100	*																				40
45	68.2	231.2	34,200	*																				45
50	64.7	228.9	30,900	*																				50
55	61.1	226.3	28,000	*																				55
60	57.4	223.3	25,400	*	66.3	228.8	30,400																	60
65	53.5	219.8	23,100	*	62.7	226.4	27,800																	65
70	49.4	215.7	20,900	*	59.1	223.5	25,100																	70
75	45.0	211.0	19,200	*	55.2	220.2	22,900		64.2	225.2	20,100													75
80	40.3	205.5	17,600	*	51.2	216.4	20,900		60.6	222.5	19,200													80
85	35.0	198.9	16,100	*	47.0	212.0	19,400		56.9	219.4	17,600													85
90	28.9	190.7	14,600	*	42.4	206.9	17,900		52.9	215.9	16,300													90
95	21.2	179.8	13,200	*	37.4	200.8	16,300	*	48.8	211.7	15,000		58.3	217.4	12,600									95
100					31.7	193.4	15,000	*	44.4	206.9	14,100		54.4	214.0	12,300									100
105					24.9	184.0	13,700	*	39.6	201.3	13,000		50.4	210.1	11,500									105
110									34.2	194.5	12,100		46.1	205.5	10,800									110
115									28.0	186.0	11,500		41.4	200.2	9,900		51.6	207.0	7,300					115
120									20.0	174.5	10,600		36.3	193.9	9,300		47.4	202.7	7,300					120
125													30.4	186.1	8,600		42.9	197.6	7,300					125
130													23.2	176.0	8,200		37.9	191.6	6,600		48.3	198.4	4,400	130
135																	32.3	184.4	6,200		43.9	193.5	4,400	135
140																	25.6	175.1	5,700		39.0	187.8	4,400	140
145																					33.6	180.8	4,200	145
150																					27.2	172.1	3,700	150
150 Ft. Boom																								
36	74.5	244.4	35,300	*																				36
38	73.1	243.8	33,700	*																				38
40	71.8	243.2	32,200	*																				40
45	68.4	241.3	28,900	*																				45
50	64.9	239.1	25,800	*																				50
55	61.3	236.5	23,400	*																				55
60	57.6	233.5	21,200	*	67.1	239.3	26,200	*																60
65	53.8	230.0	19,200	*	63.6	236.9	23,800	*																65
70	49.7	226.0	17,400	*	60.0	234.2	21,600	*																70
75	45.3	221.4	15,900	*	56.2	231.0	19,600	*																75
80	40.6	215.9	14,300	*	52.2	227.3	17,900	*	62.1	233.5	17,600													80
85	35.4	209.4	13,000	*	48.1	223.1	16,300	*	58.4	230.6	17,200													85
90	29.3	201.3	11,900	*	43.6	218.2	14,800	*	54.6	227.2	15,900													90
95	21.8	190.7	10,600	*	38.7	212.3	13,400	*	50.6	223.3	14,800													95
100					33.2	205.3	12,300	*	46.3	218.8	13,700		56.7	225.6	10,800									100
105					26.7	196.5	11,200	*	41.6	213.5	12,800		52.8	222.0	10,800									105
110									36.5	207.2	11,900		48.6	217.8	10,100									110
115									30.7	199.6	11,000		44.2	213.0	9,500									115
120									23.6	189.6	10,400		39.3	207.3	8,800		50.6	215.3	6,000					120
125													33.9	200.4	8,200		46.3	210.7	6,000					125
130													27.6	191.9	7,700		41.7	205.5	6,000					130
135																	36.6	199.2	5,700					135
140																	30.7	191.6	5,300					140
145																	23.6	181.6	4,900					145



Liftcrane Luffing Jib Capacities

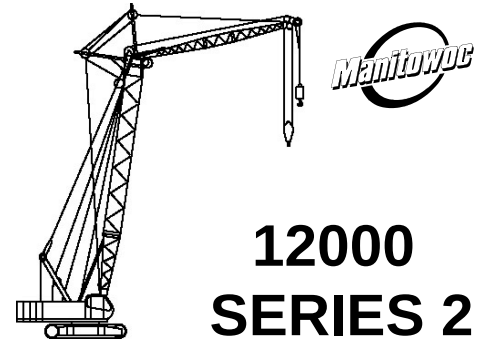
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

100 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)		Rated Load (lbs)
60 Ft. Boom																									
36	74.2	164.0	57,700	*																				36	
38	73.0	163.4	54,700	*																				38	
40	71.8	162.7	52,000	*																				40	
45	68.7	160.9	46,200	*																				45	
50	65.6	158.7	41,600	*	68.9	160.4	41,600	*																50	
55	62.4	156.2	36,200	*	65.8	158.2	37,000																	55	
60	59.1	153.4	31,700	*	62.6	155.8	33,100																	60	
65	55.7	150.1	28,000	*	59.3	152.9	29,800		62.7	154.8	28,200													65	
70	52.1	146.4	25,100	*	55.9	149.7	26,900		59.5	152.0	26,000													70	
75	48.4	142.2	22,500	*	52.3	146.0	24,500		56.0	148.8	23,800													75	
80	44.4	137.4	20,300	*	48.6	141.9	22,500		52.5	145.1	21,800		56.1	147.3	20,500									80	
85	40.1	131.8	18,300	*	44.6	137.1	20,700		48.8	141.0	20,100		52.6	143.7	19,600									85	
90	35.4	125.2	16,500	*	40.4	131.5	19,000	*	44.8	136.2	18,500		48.8	139.5	18,100		52.5	141.7	16,800					90	
95	30.0	117.3	15,000	*	35.7	125.0	17,200	*	40.5	130.7	17,200		44.9	134.8	16,800		48.8	137.5	16,100					95	
100	23.6	107.2	13,700	*	30.3	117.2	15,700	*	35.9	124.2	15,900		40.6	129.3	15,700		44.8	132.7	15,000		48.6	134.9	13,900		100
105					24.0	107.2	14,100	*	30.6	116.5	14,800		36.0	122.8	14,600		40.6	127.2	13,900		44.6	130.1	13,400		105
110									24.3	106.6	13,900		30.7	115.1	13,400		35.9	120.8	13,000		40.3	124.5	12,600		110
115													24.4	105.3	12,800		30.6	113.0	12,100		35.6	118.0	11,700		115
120																	24.3	103.2	11,500		30.3	110.2	11,000		120
125																				23.9	100.3	10,400			125
70 Ft. Boom																									
36	74.4	174.1	57,700	*																				36	
38	73.2	173.5	54,700	*																				38	
40	72.0	172.8	52,000	*																				40	
45	69.0	171.0	46,200	*																				45	
50	65.8	168.9	41,600	*																				50	
55	62.7	166.4	36,600	*	66.6	168.7	36,400																	55	
60	59.4	163.6	32,000	*	63.4	166.3	32,800																	60	
65	56.0	160.4	28,200	*	60.1	163.6	29,500		64.1	165.6	27,800													65	
70	52.4	156.7	25,100	*	56.7	160.5	26,700		60.8	163.0	25,600													70	
75	48.7	152.5	22,500	*	53.2	156.9	24,300		57.5	159.9	23,400													75	
80	44.7	147.7	20,300	*	49.5	152.8	22,300		54.0	156.5	21,400		58.1	158.8	20,100									80	
85	40.4	142.2	18,300	*	45.6	148.2	20,500		50.3	152.5	19,600		54.7	155.4	19,000									85	
90	35.7	135.7	16,500	*	41.4	142.9	19,000		46.5	148.0	18,100		51.0	151.6	17,600									90	
95	30.4	127.9	15,000	*	36.9	136.6	17,600		42.4	142.9	16,800		47.2	147.2	16,300		51.6	149.9	15,000					95	
100	24.1	118.0	13,700	*	31.7	129.2	15,900	*	37.9	136.8	15,700		43.2	142.1	15,200		47.8	145.6	14,600					100	
105					25.7	119.9	14,600	*	32.9	129.7	14,600		38.7	136.3	14,100		43.8	140.7	13,400		48.2	143.4	12,300		105
110									27.0	120.8	13,700		33.8	129.4	13,200		39.4	135.0	12,600		44.2	138.5	12,100		110
115													28.2	120.9	12,300		34.6	128.2	11,700		39.9	132.9	11,200		115
120													21.3	109.8	11,700		29.1	120.1	11,000		35.2	126.3	10,600		120
125																	22.4	109.5	10,400		29.8	118.3	9,900		125
130																				23.3	108.1	9,300			130



Liftcrane Luffing Jib Capacities

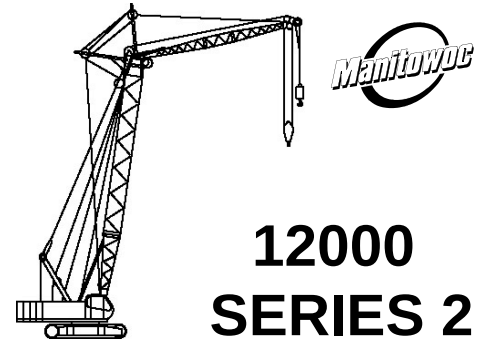
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

100 Ft. JIB

	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib		Load	
Rad. Angle (ft)	Angle (deg)	Point Elev. (ft)	Rated Load (lbs)		Angle (deg)	Point Elev. (ft)	Rated Load (lbs)		Angle (deg)	Point Elev. (ft)	Rated Load (lbs)		Angle (deg)	Point Elev. (ft)	Rated Load (lbs)		Angle (deg)	Point Elev. (ft)	Rated Load (lbs)		Angle (deg)	Point Elev. (ft)	Rated Load (lbs)	Rad. (ft)	
80 Ft. Boom																									
38	73.4	183.6	54,700	*																				38	
40	72.2	182.9	52,000	*																				40	
45	69.2	181.1	46,200	*																				45	
50	66.1	179.0	41,600	*																				50	
55	62.9	176.6	36,800	*	67.3	179.2	35,900																	55	
60	59.6	173.8	32,200	*	64.2	176.9	32,400																	60	
65	56.2	170.6	28,400	*	60.9	174.2	29,300																	65	
70	52.7	167.0	25,400	*	57.6	171.2	26,500		62.2	173.9	24,700													70	
75	48.9	162.8	22,700	*	54.1	167.7	24,000		58.9	171.0	23,100													75	
80	45.0	158.1	20,300	*	50.5	163.8	22,000		55.5	167.8	21,200													80	
85	40.7	152.6	18,300	*	46.6	159.3	20,300		51.9	164.0	19,600		56.7	167.0	17,900									85	
90	36.1	146.2	16,800	*	42.5	154.2	18,700		48.1	159.8	18,100		53.2	163.5	17,200									90	
95	30.8	138.5	15,000	*	38.0	148.2	17,400		44.1	154.9	16,800		49.5	159.4	15,900		54.3	162.1	14,300					95	
100	24.6	128.8	13,700	*	33.0	141.1	16,100		39.8	149.2	15,700		45.6	154.7	14,800		50.7	158.2	13,900					100	
105					27.2	132.3	14,800	*	35.0	142.6	14,600		41.4	149.4	13,700		46.8	153.7	13,000					105	
110					20.0	120.6	13,400	*	29.6	134.5	13,400		36.8	143.1	12,800		42.7	148.6	12,100		47.9	151.9	10,800	110	
115									23.0	124.2	12,800		31.6	135.6	11,900		38.3	142.7	11,200		43.9	146.9	10,600	115	
120													25.5	126.3	11,200		33.3	135.6	10,600		39.5	141.2	9,900	120	
125																	27.6	127.0	9,900		34.7	134.5	9,300	125	
130																	20.4	115.5	9,300		29.2	126.4	8,800	130	
135																					22.6	115.9	8,200	135	
90 Ft. Boom																									
38	73.6	193.7	54,700	*																				38	
40	72.4	193.0	52,000	*																				40	
45	69.4	191.3	46,200	*																				45	
50	66.3	189.2	41,600	*																				50	
55	63.1	186.8	37,000	*	68.1	189.6	35,700																	55	
60	59.8	184.0	32,400	*	64.9	187.4	32,200																	60	
65	56.4	180.8	28,700	*	61.7	184.8	28,900																	65	
70	52.9	177.2	25,600	*	58.4	181.9	26,200		63.5	184.8	24,300													70	
75	49.2	173.1	22,700	*	55.0	178.6	23,800		60.3	182.1	22,700													75	
80	45.3	168.4	20,500	*	51.4	174.7	21,800		56.9	179.0	20,900													80	
85	41.0	163.0	18,500	*	47.6	170.4	20,100		53.4	175.4	19,200		58.7	178.5	17,400									85	
90	36.4	156.7	16,800	*	43.5	165.4	18,500		49.7	171.4	17,600		55.3	175.2	16,800									90	
95	31.2	149.1	15,200	*	39.1	159.6	17,200		45.8	166.8	16,500		51.7	171.4	15,400									95	
100	25.0	139.6	13,700	*	34.3	152.8	16,100		41.6	161.5	15,200		47.9	167.1	14,300		53.4	170.4	12,800					100	
105					28.8	144.5	15,000		37.1	155.3	14,300		43.9	162.2	13,400		49.7	166.4	12,600					105	
110					21.9	133.8	13,700	*	32.0	147.9	13,200		39.5	156.5	12,600		45.8	161.8	11,700					110	
115									25.9	138.7	12,600		34.7	149.8	11,700		41.7	156.5	10,800		47.5	160.4	9,500	115	
120													29.2	141.6	11,000		37.1	150.3	10,100		43.5	155.4	9,500	120	
125													22.6	131.1	10,100		32.0	142.9	9,500		39.1	149.6	8,800	125	
130																	26.0	133.7	9,000		34.2	142.8	8,200	130	
135																					28.7	134.4	7,700	135	
140																					21.9	123.6	7,100	140	



Liftcrane Luffing Jib Capacities

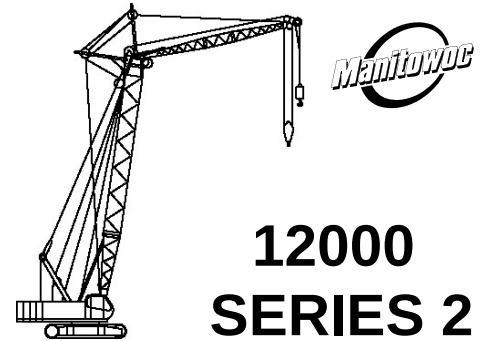
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

100 Ft. JIB

Load	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)																									Rad. (ft)
100 Ft. Boom																									
38	73.8	203.8	54,700	*																					38
40	72.6	203.1	52,000	*																					40
45	69.6	201.4	46,200	*																					45
50	66.5	199.3	41,600	*																					50
55	63.3	196.9	37,500	*	68.8	200.0	35,300																		55
60	60.1	194.2	32,600	*	65.7	197.9	32,000																		60
65	56.7	191.1	28,900	*	62.5	195.4	28,700																		65
70	53.2	187.5	25,600	*	59.2	192.6	26,000																		70
75	49.5	183.4	22,900	*	55.8	189.3	23,600		61.6	193.0	21,600														75
80	45.6	178.8	20,500	*	52.3	185.6	21,600		58.3	190.1	20,500														80
85	41.4	173.4	18,500	*	48.5	181.4	19,800		54.9	186.7	18,700														85
90	36.8	167.2	16,800	*	44.5	176.6	18,300		51.3	182.9	17,400		57.3	186.7	15,400										90
95	31.6	159.7	15,200	*	40.3	171.1	17,000		47.5	178.6	16,100		53.8	183.2	15,000										95
100	25.5	150.3	13,700	*	35.5	164.5	15,900		43.4	173.5	15,000		50.1	179.2	13,900										100
105					30.2	156.7	14,800		39.0	167.8	13,900		46.2	174.7	13,000		52.5	178.7	11,200						105
110					23.8	146.7	13,900		34.2	160.9	13,000		42.1	169.5	12,100		48.8	174.6	11,000						110
115									28.6	152.6	12,100		37.6	163.4	11,200		44.8	169.8	10,400						115
120									21.7	141.7	11,500		32.5	156.1	10,600		40.6	164.3	9,700		47.2	168.8	7,900		120
125													26.7	147.2	9,900		35.9	157.8	9,000		43.1	163.8	7,900		125
130																	30.6	150.1	8,400		38.7	157.9	7,500		130
135																	24.3	140.3	7,900		33.8	151.0	7,100		135
140																					28.1	142.5	6,600		140
145																					21.1	131.4	6,200		145
110 Ft. Boom																									
38	74.0	213.9	54,700	*																					38
40	72.8	213.2	52,000	*																					40
45	69.8	211.5	46,200	*																					45
50	66.7	209.5	41,600	*																					50
55	63.6	207.1	37,700	*																					55
60	60.3	204.4	32,800	*	66.5	208.4	31,100																		60
65	56.9	201.3	29,100	*	63.3	206.0	28,400																		65
70	53.4	197.8	25,800	*	60.0	203.2	25,600																		70
75	49.7	193.7	22,900	*	56.7	200.1	23,400		63.0	203.9	21,200														75
80	45.8	189.1	20,700	*	53.1	196.5	21,400		59.7	201.1	20,100														80
85	41.7	183.8	18,500	*	49.4	192.4	19,600		56.3	198.0	18,500														85
90	37.1	177.6	16,800	*	45.5	187.8	18,100		52.8	194.3	17,000		59.3	198.1	14,800										90
95	32.0	170.2	15,200	*	41.3	182.4	16,800		49.1	190.2	15,900		55.8	194.9	14,600										95
100	26.0	161.0	13,700	*	36.7	176.2	15,700		45.1	185.5	14,600		52.3	191.2	13,400										100
105					31.6	168.7	14,600		40.9	180.1	13,700		48.5	187.0	12,600										105
110					25.5	159.3	13,700		36.3	173.7	12,800		44.6	182.2	11,700		51.6	187.0	9,700						110
115									31.0	166.0	11,900		40.3	176.6	10,800		47.8	182.7	9,700						115
120									24.8	156.4	11,200		35.6	170.1	10,100		43.8	177.8	9,300						120
125													30.2	162.2	9,500		39.4	172.0	8,600		46.8	177.3	6,600		125
130													23.8	152.3	9,000		34.6	165.3	7,900		42.7	172.2	6,600		130
135																	29.1	157.1	7,500		38.2	166.2	6,400		135
140																	22.4	146.6	6,800		33.3	159.2	6,000		140
145																					27.5	150.5	5,500		145
150																					20.4	139.0	5,100		150



Liftcrane Luffing Jib Capacities

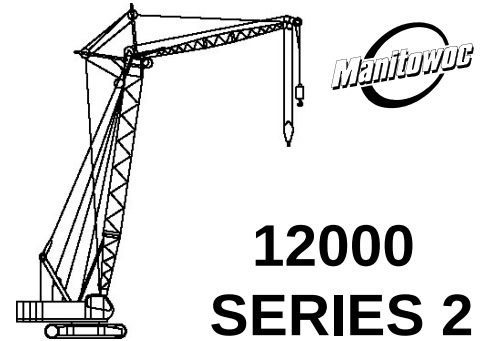
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

100 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		
120 Ft. Boom																								
38	74.3	224.0	53,400	*																			38	
40	73.1	223.4	52,000	*																			40	
45	70.0	221.6	46,200	*																			45	
50	66.9	219.6	41,600	*																			50	
55	63.8	217.3	37,700	*																			55	
60	60.5	214.6	33,100	*	67.2	218.8	30,600																60	
65	57.2	211.5	29,100	*	64.1	216.5	28,000																65	
70	53.7	208.0	25,800	*	60.8	213.8	25,400																70	
75	50.0	204.0	23,100	*	57.5	210.8	23,100		64.3	214.7	20,500												75	
80	46.1	199.5	20,700	*	54.0	207.4	21,200		61.1	212.1	19,600												80	
85	42.0	194.2	18,700	*	50.4	203.4	19,400		57.7	209.1	18,100												85	
90	37.4	188.1	17,000	*	46.5	198.9	17,900		54.3	205.7	16,800												90	
95	32.4	180.8	15,200	*	42.4	193.7	16,500		50.6	201.8	15,400		57.9	206.4	13,000								95	
100	26.4	171.8	13,900	*	37.9	187.7	15,400		46.8	197.3	14,300		54.4	203.0	13,000								100	
105					32.9	180.6	14,300		42.7	192.2	13,200		50.8	199.1	12,100								105	
110					27.1	171.7	13,400		38.2	186.2	12,300		46.9	194.6	11,200		54.3	199.2	8,800				110	
115									33.3	179.2	11,700		42.8	189.5	10,400		50.7	195.3	8,800				115	
120									27.5	170.5	10,800		38.4	183.6	9,700		46.8	190.8	8,600				120	
125									20.4	159.0	10,100		33.5	176.6	9,000		42.7	185.7	7,900				125	
130													27.7	168.0	8,600		38.3	179.7	7,300		46.4	185.8	5,300	130
135													20.6	156.6	7,900		33.3	172.7	6,800		42.3	180.6	5,300	135
140																	27.6	164.0	6,400		37.8	174.5	5,300	140
145																	20.4	152.6	6,000		32.8	167.4	4,900	145
150																					27.0	158.5	4,400	150
130 Ft. Boom																								
38	74.5	234.1	47,000	*																			38	
40	73.3	233.5	45,200	*																			40	
45	70.2	231.8	40,600	*																			45	
50	67.2	229.8	36,800	*																			50	
55	64.0	227.5	33,500	*																			55	
60	60.8	224.8	30,400	*	68.0	229.2	30,200																60	
65	57.4	221.7	27,800	*	64.9	227.0	27,800																65	
70	53.9	218.3	25,600	*	61.6	224.5	25,100																70	
75	50.3	214.3	23,400	*	58.3	221.5	22,900																75	
80	46.4	209.8	21,400	*	54.9	218.2	20,900		62.4	223.0	18,300												80	
85	42.3	204.6	19,400	*	51.3	214.3	19,200		59.2	220.2	17,600												85	
90	37.8	198.5	17,400	*	47.5	210.0	17,600		55.7	216.9	16,300												90	
95	32.7	191.3	15,900	*	43.4	205.0	16,300		52.2	213.2	15,200												95	
100	26.9	182.5	14,300	*	39.0	199.2	15,200		48.4	209.0	14,100		56.4	214.6	11,700								100	
105					34.2	192.4	14,100		44.4	204.2	13,000		52.9	211.0	11,700								105	
110					28.6	184.0	13,200		40.1	198.6	12,100		49.2	206.9	10,800								110	
115					21.8	173.2	12,300		35.4	192.1	11,500		45.3	202.2	10,100		53.4	207.5	7,500				115	
120									30.1	184.2	10,600		41.0	196.8	9,500		49.7	203.5	7,500				120	
125									23.6	174.1	9,900		36.4	190.4	8,800		45.8	198.9	7,500				125	
130													31.2	182.8	8,200		41.6	193.6	6,800				130	
135													25.0	173.3	7,500		37.1	187.4	6,400		46.1	194.2	4,200	135
140																	32.0	180.0	6,000		41.9	189.0	4,200	140
145																	26.0	170.8	5,500		37.4	182.9	4,200	145
150																					32.3	175.5	4,000	150
155																					26.4	166.5	3,700	155



Liftcrane Luffing Jib Capacities

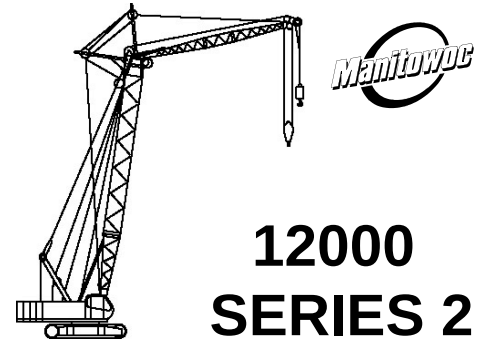
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

100 Ft. JIB

	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib		Load	
Rad. Angle	Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load	Rad.	
(ft)	(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)	(ft)	
140 Ft. Boom																									
40	73.5	243.6	37,700	*																				40	
45	70.5	241.9	34,000	*																				45	
50	67.4	239.9	30,600	*																				50	
55	64.2	237.6	27,800	*																				55	
60	61.0	235.0	25,100	*	68.8	239.7	30,000																	60	
65	57.6	232.0	22,900	*	65.6	237.5	27,300																	65	
70	54.2	228.5	20,900	*	62.4	235.0	24,700																	70	
75	50.5	224.6	19,200	*	59.1	232.2	22,500																	75	
80	46.7	220.1	17,600	*	55.7	228.9	20,700		63.8	233.9	17,900													80	
85	42.6	215.0	16,100	*	52.2	225.2	19,000		60.5	231.2	17,200													85	
90	38.1	209.0	14,800	*	48.4	221.0	17,400		57.2	228.1	15,900													90	
95	33.1	201.9	13,400	*	44.4	216.2	16,100		53.7	224.6	14,800													95	
100	27.3	193.2	12,300	*	40.1	210.6	15,000		50.0	220.6	13,700		58.4	226.0	10,800									100	
105	20.1	181.5	11,000	*	35.4	204.1	13,900		46.1	216.1	12,800		55.0	222.7	10,800									105	
110					30.0	196.1	12,600	*	42.0	210.8	11,900		51.4	218.9	10,400									110	
115					23.6	186.1	11,500	*	37.4	204.7	11,000		47.6	214.6	9,500									115	
120									32.4	197.4	10,400		43.5	209.6	8,800		52.5	215.8	6,200					120	
125									26.5	188.4	9,700		39.2	203.8	8,200		48.8	211.6	6,200					125	
130													34.3	197.0	7,700		44.8	206.9	6,200					130	
135													28.8	188.7	7,100		40.5	201.4	5,700					135	
140													22.0	178.0	6,600		35.9	194.9	5,300					140	
145																	30.6	187.1	4,900					145	
150																	24.2	177.3	4,400					150	
150 Ft. Boom																									
40	73.7	253.7	31,700	*																				40	
45	70.7	252.0	28,400	*																				45	
50	67.6	250.1	25,600	*																				50	
55	64.4	247.8	23,100	*																				55	
60	61.2	245.2	20,900	*																				60	
65	57.9	242.2	19,000	*	66.4	248.0	22,300	*																65	
70	54.4	238.8	17,200	*	63.2	245.6	20,500	*																70	
75	50.8	234.9	15,700	*	60.0	242.8	19,000	*																75	
80	46.9	230.4	14,300	*	56.6	239.7	17,400	*																80	
85	42.9	225.3	13,000	*	53.1	236.1	15,900	*	61.9	242.1	15,900													85	
90	38.4	219.4	11,900	*	49.4	232.0	14,600	*	58.6	239.2	15,400													90	
95	33.5	212.4	10,800	*	45.4	227.4	13,400	*	55.1	235.9	14,300													95	
100	27.8	203.8	9,700	*	41.2	222.0	12,300	*	51.6	232.1	13,200													100	
105	20.7	192.5	8,800	*	36.6	215.7	11,200	*	47.8	227.8	12,300		57.0	234.3	9,300									105	
110					31.4	208.2	10,400	*	43.7	222.9	11,500		53.5	230.7	9,300									110	
115					25.3	198.7	9,300	*	39.4	217.2	10,800		49.8	226.7	9,000									115	
120									34.6	210.4	9,900		45.9	222.1	8,400									120	
125									29.1	202.2	9,500		41.8	216.9	7,700		51.6	224.1	4,900					125	
130									22.4	191.6	8,800		37.2	210.7	7,100		47.8	219.8	4,900					130	
135													32.1	203.3	6,600		43.8	214.8	4,900					135	
140													26.2	194.2	6,200		39.4	209.1	4,600					140	
145																	34.6	202.4	4,400					145	
150																	29.1	194.2	4,000					150	
155																	22.4	183.6	3,500					155	



Liftcrane Luffing Jib Capacities

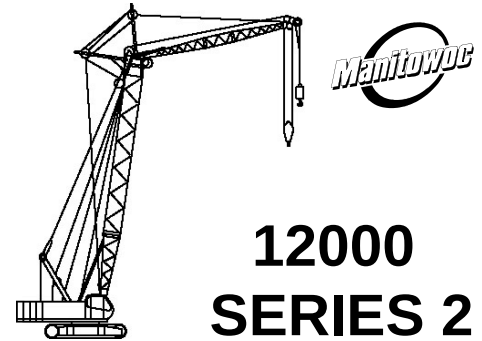
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

110 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)		Rad. Angle (ft)
60 Ft. Boom																									
40	73.5	173.2	52,000	*																				40	
45	70.8	171.6	46,200	*																				45	
50	68.0	169.6	41,600	*																				50	
55	65.1	167.4	36,400	*	68.1	169.1	36,600																	55	
60	62.2	164.9	31,700	*	65.3	166.9	32,800																	60	
65	59.2	162.1	28,200	*	62.4	164.4	29,500																	65	
70	56.1	158.8	25,100	*	59.4	161.6	26,900		62.5	163.5	25,600													70	
75	52.9	155.2	22,500	*	56.3	158.4	24,500		59.5	160.7	23,600													75	
80	49.5	151.1	20,300	*	53.1	154.8	22,500		56.4	157.5	21,600													80	
85	46.0	146.5	18,300	*	49.7	150.8	20,500		53.2	153.9	19,800		56.5	156.0	18,700									85	
90	42.2	141.3	16,800	*	46.2	146.2	19,000		49.9	149.9	18,300		53.3	152.4	17,900									90	
95	38.2	135.3	15,200	*	42.4	141.0	17,400	*	46.3	145.3	17,000		49.9	148.4	16,500		53.2	150.4	15,400					95	
100	33.7	128.3	13,900	*	38.4	135.0	15,900	*	42.6	140.2	15,900		46.4	143.9	15,400		49.9	146.4	15,000					100	
105	28.6	119.9	12,600	*	33.9	128.1	14,300	*	38.6	134.2	14,800		42.7	138.7	14,300		46.4	141.9	13,900					105	
110	22.4	109.2	11,500	*	28.9	119.8	13,200	*	34.1	127.3	13,900		38.6	132.8	13,400		42.6	136.7	13,000		46.2	139.2	11,900		110
115					22.8	109.3	11,900	*	29.1	119.1	13,000		34.2	125.9	12,600		38.6	130.8	12,100		42.4	134.0	11,700		115
120									23.1	108.7	12,100		29.2	117.7	11,900		34.1	123.9	11,500		38.4	128.1	11,000		120
125													23.2	107.4	11,000		29.1	115.6	10,800		33.9	121.1	10,400		125
130																	23.1	105.3	10,100		28.9	112.8	9,700		130
135																				22.8	102.3	9,000			135
70 Ft. Boom																									
40	73.7	183.3	52,000	*																				40	
45	71.0	181.7	46,200	*																				45	
50	68.2	179.8	41,600	*																				50	
55	65.3	177.6	36,600	*	68.8	179.5	36,200																	55	
60	62.4	175.1	32,000	*	66.0	177.4	32,600																	60	
65	59.4	172.3	28,400	*	63.1	175.0	29,300																	65	
70	56.3	169.1	25,400	*	60.1	172.3	26,700		63.7	174.3	25,100													70	
75	53.1	165.5	22,700	*	57.0	169.1	24,300		60.8	171.6	23,100													75	
80	49.8	161.4	20,500	*	53.9	165.7	22,300		57.7	168.6	21,200													80	
85	46.3	156.9	18,500	*	50.6	161.7	20,500		54.6	165.2	19,600		58.3	167.5	18,300									85	
90	42.5	151.7	16,800	*	47.1	157.3	19,000		51.3	161.4	18,100		55.2	164.1	17,400									90	
95	38.5	145.7	15,200	*	43.4	152.3	17,400		47.8	157.1	16,800		51.9	160.4	16,300									95	
100	34.0	138.8	13,900	*	39.4	146.5	16,100	*	44.2	152.2	15,700		48.5	156.2	15,000		52.4	158.7	13,700					100	
105	29.0	130.5	12,600	*	35.1	139.8	14,800	*	40.3	146.6	14,600		44.9	151.4	14,100		49.0	154.6	13,400					105	
110	22.9	120.1	11,500	*	30.2	131.9	13,400	*	36.0	140.1	13,400		41.0	145.9	13,200		45.4	149.9	12,600		49.4	152.3	11,200		110
115					24.4	122.0	12,100	*	31.3	132.5	12,800		36.9	139.7	12,300		41.6	144.6	11,700		45.8	147.7	11,200		115
120									25.7	123.1	11,900		32.2	132.3	11,500		37.5	138.4	11,000		42.1	142.4	10,400		120
125													26.9	123.3	10,800		33.0	131.2	10,400		38.0	136.4	9,700		125
130													20.2	111.6	10,100		27.7	122.6	9,700		33.5	129.3	9,300		130
135																	21.4	111.4	9,000		28.3	120.9	8,600		135
140																				22.1	110.1	8,200			140



Liftcrane Luffing Jib Capacities

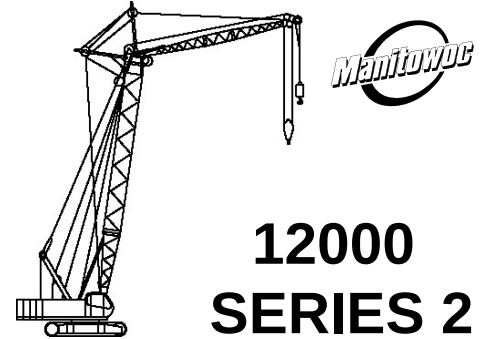
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

110 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	
80 Ft. Boom																								
40	73.9	193.4	52,000	*																				40
45	71.1	191.8	46,200	*																				45
50	68.4	189.9	41,600	*																				50
55	65.5	187.7	36,800	*	69.5	189.9	35,900																	55
60	62.6	185.3	32,200	*	66.7	187.9	32,400																	60
65	59.6	182.5	28,400	*	63.8	185.5	29,100																	65
70	56.6	179.3	25,400	*	60.8	182.9	26,500																	70
75	53.4	175.7	22,700	*	57.8	179.9	24,000	62.0	182.6	22,300														75
80	50.0	171.7	20,500	*	54.7	176.5	22,000	59.0	179.7	21,200														80
85	46.5	167.2	18,500	*	51.4	172.7	20,300	55.9	176.5	19,400														85
90	42.8	162.1	16,800	*	47.9	168.3	18,700	52.7	172.8	18,100	57.0	175.7	16,300											90
95	38.7	156.2	15,200	*	44.3	163.5	17,400	49.3	168.7	16,800	53.8	172.2	15,900											95
100	34.3	149.3	13,900	*	40.4	157.9	16,100	45.7	164.1	15,400	50.5	168.3	14,600											100
105	29.3	141.2	12,600	*	36.2	151.5	15,000	41.9	158.8	14,300	47.0	163.8	13,700	51.6	167.0	12,100								105
110	23.4	130.9	11,500	*	31.4	143.9	13,700	37.8	152.7	13,400	43.3	158.8	12,800	48.1	162.7	12,100								110
115					25.9	134.6	12,600	33.3	145.6	12,600	39.3	153.0	11,900	44.5	157.9	11,200	49.1	160.8	9,900					115
120								28.2	137.1	11,900	35.0	146.3	11,200	40.6	152.4	10,600	45.5	156.1	9,900					120
125								21.9	126.2	11,200	30.1	138.4	10,600	36.4	146.0	9,900	41.7	150.8	9,300					125
130											24.3	128.5	9,900	31.7	138.5	9,300	37.6	144.7	8,600					130
135														26.3	129.3	8,600	33.0	137.5	8,200					135
140																	27.8	128.9	7,500					140
145																	21.5	117.8	7,100					145
90 Ft. Boom																								
40	74.1	203.5	52,000	*																				40
45	71.3	201.9	46,200	*																				45
50	68.6	200.0	41,600	*																				50
55	65.7	197.9	37,300	*																				55
60	62.8	195.4	32,400	*	67.4	198.3	31,500																	60
65	59.8	192.7	28,700	*	64.5	196.1	28,900																	65
70	56.8	189.5	25,600	*	61.6	193.5	26,000																	70
75	53.6	186.0	22,900	*	58.6	190.6	23,800	63.2	193.5	21,800														75
80	50.3	182.0	20,500	*	55.4	187.3	21,800	60.2	190.7	20,700														80
85	46.8	177.5	18,500	*	52.2	183.6	20,100	57.2	187.6	19,200														85
90	43.0	172.4	16,800	*	48.8	179.4	18,500	54.0	184.2	17,600	58.8	187.1	15,900											90
95	39.0	166.6	15,200	*	45.2	174.6	17,200	50.7	180.3	16,300	55.7	183.9	15,400											95
100	34.7	159.8	13,900	*	41.4	169.3	15,900	47.2	175.8	15,200	52.5	180.2	14,300											100
105	29.7	151.8	12,600	*	37.2	163.1	14,800	43.6	170.8	14,100	49.1	176.0	13,200	54.0	179.2	11,700								105
110	23.8	141.7	11,500	*	32.6	155.8	13,900	39.6	165.1	13,200	45.5	171.4	12,300	50.7	175.3	11,500								110
115					27.4	147.0	12,800	35.3	158.5	12,300	41.7	166.0	11,700	47.3	170.9	10,800								115
120					20.9	135.6	11,500	30.4	150.6	11,700	37.6	159.9	10,800	43.6	165.9	10,100	48.8	169.3	8,400					120
125								24.7	140.9	11,000	33.0	152.8	10,100	39.6	160.1	9,500	45.2	164.6	8,400					125
130											27.8	144.1	9,500	35.3	153.5	8,800	41.3	159.2	8,200					130
135											21.5	133.0	9,000	30.4	145.7	8,400	37.2	153.0	7,500					135
140														24.7	135.9	7,700	32.6	145.7	7,100					140
145																	27.3	136.9	6,600					145
150																	20.8	125.5	6,200					150



Liftcrane Luffing Jib Capacities

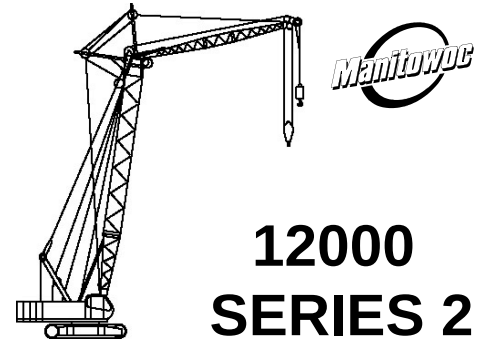
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

110 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib				
Rad.	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Rad.		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(ft)		
100 Ft. Boom																								
40	74.3	213.6	52,000	*																		40		
45	71.5	212.0	46,200	*																		45		
50	68.8	210.2	41,600	*																		50		
55	65.9	208.0	37,500	*																		55		
60	63.0	205.6	32,800	*	68.1	208.8	31,300															60		
65	60.1	202.9	28,900	*	65.2	206.6	28,700															65		
70	57.0	199.8	25,600	*	62.3	204.1	25,800															70		
75	53.8	196.2	22,900	*	59.3	201.2	23,600	64.4	204.3	21,400												75		
80	50.5	192.3	20,700	*	56.2	198.0	21,600	61.5	201.7	20,300												80		
85	47.0	187.9	18,700	*	53.0	194.4	19,800	58.5	198.7	18,700												85		
90	43.3	182.8	17,000	*	49.6	190.4	18,300	55.3	195.4	17,200												90		
95	39.3	177.0	15,400	*	46.1	185.8	17,000	52.1	191.7	16,100	57.5	195.4	14,100									95		
100	35.0	170.4	13,900	*	42.3	180.6	15,700	48.7	187.5	15,000	54.4	192.0	13,900									100		
105	30.1	162.4	12,800	*	38.3	174.6	14,800	45.1	182.8	13,900	51.1	188.1	12,800									105		
110	24.3	152.5	11,500	*	33.8	167.6	13,700	41.3	177.4	13,000	47.6	183.7	11,900	53.2	187.5	10,100						110		
115					28.7	159.3	12,800	37.1	171.2	12,100	44.0	178.8	11,200	49.9	183.5	10,100						115		
120					22.6	148.7	11,900	*	32.5	163.9	11,200	40.0	173.2	10,400	46.4	178.9	9,700					120		
125									27.2	155.0	10,600	35.8	166.7	9,700	42.6	173.8	9,000	48.4	177.8	7,100		125		
130									20.7	143.5	9,900	31.0	158.9	9,300	38.6	167.8	8,400	44.8	173.0	7,100		130		
135												25.4	149.5	8,600	34.1	161.0	7,700	41.0	167.6	6,800		135		
140															29.1	152.7	7,300	36.8	161.3	6,400		140		
145															23.1	142.3	6,800	32.1	153.9	6,000		145		
150																		26.8	144.9	5,500		150		
155																		20.1	133.1	5,100		155		
110 Ft. Boom																								
40	74.5	223.7	52,000	*																		40		
45	71.7	222.1	46,200	*																		45		
50	69.0	220.3	41,600	*																		50		
55	66.1	218.2	37,700	*																		55		
60	63.2	215.8	33,100	*	68.7	219.2	30,900															60		
65	60.3	213.1	29,100	*	65.9	217.1	28,200															65		
70	57.2	210.0	25,800	*	63.0	214.6	25,600															70		
75	54.0	206.5	23,100	*	60.0	211.9	23,400															75		
80	50.7	202.6	20,700	*	57.0	208.8	21,400	62.7	212.6	19,200												80		
85	47.3	198.2	18,700	*	53.8	205.3	19,600	59.7	209.8	18,300												85		
90	43.6	193.2	17,000	*	50.5	201.3	18,100	56.7	206.6	17,000												90		
95	39.6	187.5	15,400	*	47.0	196.9	16,800	53.5	203.1	15,700	59.3	206.8	13,400									95		
100	35.3	180.8	13,900	*	43.3	191.8	15,700	50.1	199.1	14,600	56.2	203.6	13,400									100		
105	30.4	173.0	12,800	*	39.3	186.1	14,600	46.6	194.6	13,700	53.0	200.0	12,300									105		
110	24.7	163.3	11,500	*	35.0	179.3	13,400	42.9	189.5	12,600	49.7	195.9	11,500									110		
115					30.0	171.4	12,600	38.9	183.6	11,900	46.1	191.3	10,800	52.4	195.8	8,800						115		
120					24.3	161.5	11,900				42.4	186.1	10,100	49.0	191.7	8,800						120		
125									29.5	168.7	10,400	38.3	180.2	9,500	45.4	187.0	8,400					125		
130									23.6	158.5	9,700	33.8	173.2	8,800	41.6	181.6	7,700	48.1	186.3	5,700		130		
135												28.8	164.8	8,400	37.5	175.5	7,300	44.5	181.5	5,700		135		
140												22.7	154.3	7,700				40.6	175.9	5,700		140		
145															27.7	159.6	6,400	36.4	169.6	5,500		145		
150															21.3	148.5	6,000	31.7	162.1	5,100		150		
155																		26.2	152.9	4,600		155		



Liftcrane Luffing Jib Capacities

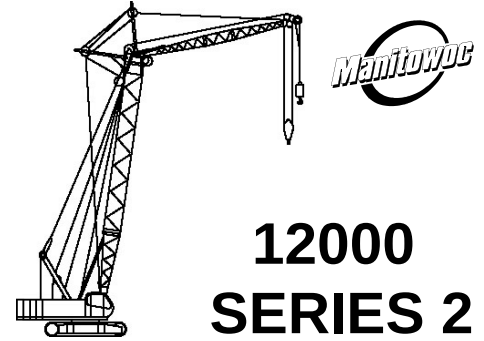
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

110 Ft. JIB

	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib		Load	
Rad.	Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load	Rad.	
(ft)	(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)		(deg)	(ft)	(lbs)	(ft)	
120 Ft. Boom																									
45	71.9	232.2	46,200	*																				45	
50	69.1	230.4	41,600	*																				50	
55	66.3	228.3	37,700	*																				55	
60	63.4	226.0	33,700		69.4	229.6	30,400																	60	
65	60.5	223.3	30,200		66.6	227.5	28,000																	65	
70	57.4	220.2	26,700	*	63.7	225.2	25,400																	70	
75	54.3	216.8	23,800	*	60.8	222.5	22,900																	75	
80	51.0	212.9	21,400	*	57.7	219.5	20,900		63.9	223.4	18,500													80	
85	47.5	208.5	19,400	*	54.6	216.1	19,400		61.0	220.8	17,900													85	
90	43.8	203.5	17,600	*	51.3	212.3	17,900		58.0	217.8	16,500													90	
95	39.9	197.9	15,900	*	47.9	207.9	16,500		54.8	214.4	15,200													95	
100	35.6	191.3	14,600	*	44.2	203.0	15,400		51.5	210.6	14,100		58.1	215.0	11,900									100	
105	30.8	183.6	13,200	*	40.3	197.5	14,300		48.1	206.3	13,200		54.9	211.7	11,900									105	
110	25.2	174.0	11,900	*	36.1	191.0	13,200		44.5	201.5	12,300		51.6	207.9	11,000									110	
115					31.3	183.4	12,600		40.6	196.0	11,500		48.2	203.6	10,400									115	
120					25.8	174.0	11,700		36.4	189.6	10,800		44.6	198.8	9,700		51.6	204.1	7,300					120	
125									31.7	182.1	10,100		40.7	193.3	9,000		48.1	199.8	7,300					125	
130									26.2	172.9	9,500		36.5	187.0	8,400		44.5	195.0	7,300					130	
135													31.8	179.5	7,900		40.6	189.4	6,600		47.8	194.8	4,600	135	
140													26.4	170.4	7,300		36.4	183.1	6,200		44.1	189.9	4,600	140	
145																	31.7	175.6	5,700		40.2	184.3	4,600	145	
150																	26.3	166.4	5,300		36.0	177.8	4,400	150	
155																					31.2	170.2	4,000	155	
160																					25.7	160.8	3,700	160	
130 Ft. Boom																									
45	72.1	242.4	40,300	*																				45	
50	69.3	240.6	36,800	*																				50	
55	66.5	238.5	33,300	*																				55	
60	63.6	236.1	30,400	*																				60	
65	60.7	233.4	28,000	*	67.3	238.0	26,900																	65	
70	57.6	230.4	25,600	*	64.4	235.7	24,900																	70	
75	54.5	227.0	23,600	*	61.5	233.1	22,700																	75	
80	51.2	223.2	21,600	*	58.5	230.2	20,700																	80	
85	47.8	218.8	19,400	*	55.4	226.9	19,200		62.2	231.7	16,500													85	
90	44.1	213.9	17,600	*	52.1	223.2	17,600		59.2	228.9	16,300													90	
95	40.2	208.3	16,100	*	48.7	219.0	16,300		56.1	225.6	15,000													95	
100	35.9	201.8	14,600	*	45.1	214.2	15,200		52.9	222.0	13,900													100	
105	31.2	194.2	13,200	*	41.3	208.8	14,100		49.6	218.0	13,000		56.8	223.3	10,600									105	
110	25.6	184.8	12,100	*	37.1	202.6	13,200		46.0	213.4	12,100		53.6	219.7	10,600									110	
115					32.5	195.3	12,300		42.3	208.1	11,200		50.2	215.8	9,900									115	
120					27.2	186.5	11,500		38.2	202.1	10,600		46.7	211.3	9,300		54.0	216.2	6,800					120	
125					20.7	175.0	10,800		33.7	195.1	9,900		43.0	206.2	8,600		50.7	212.3	6,800					125	
130									28.6	186.7	9,300		39.0	200.4	7,900		47.2	207.9	6,600					130	
135									22.5	176.1	8,800		34.6	193.6	7,500		43.6	202.9	6,200					135	
140													29.7	185.5	7,100		39.6	197.2	5,700					140	
145													23.8	175.4	6,600		35.3	190.6	5,300					145	
150																	30.4	182.7	4,900					150	
155																	24.7	173.0	4,600					155	



Liftcrane Luffing Jib Capacities

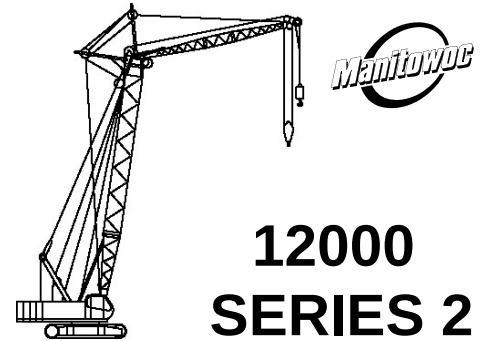
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

110 Ft. JIB

		88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load Rad. (ft)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Load Rad. (ft)		
140 Ft. Boom																										
45	72.3	252.5	33,700	*																					45	
50	69.5	250.7	30,400	*																					50	
55	66.7	248.6	27,800	*																					55	
60	63.8	246.3	25,100	*																					60	
65	60.9	243.6	22,900	*	68.0	248.4	26,700																		65	
70	57.9	240.6	21,200	*	65.1	246.2	24,700																		70	
75	54.7	237.2	19,400	*	62.2	243.7	22,500																		75	
80	51.4	233.4	17,600	*	59.2	240.9	20,500																		80	
85	48.0	229.1	16,300	*	56.1	237.6	18,700		63.4	242.6	16,100														85	
90	44.4	224.3	15,000	*	52.9	234.0	17,400		60.5	239.9	15,900														90	
95	40.5	218.7	13,900	*	49.6	230.0	16,100		57.4	236.8	14,600														95	
100	36.2	212.3	12,600	*	46.0	225.4	15,000		54.3	233.4	13,400														100	
105	31.5	204.7	11,700	*	42.2	220.1	13,900		51.0	229.5	12,600		58.6	234.7	9,700										105	
110	26.0	195.5	10,600	*	38.2	214.1	13,000		47.5	225.1	11,700		55.5	231.4	9,700										110	
115					33.7	207.1	11,900	*	43.9	220.2	11,000		52.2	227.7	9,500										115	
120					28.6	198.7	11,000	*	39.9	214.5	10,100		48.8	223.5	8,800										120	
125					22.5	188.1	9,900	*	35.6	208.0	9,500		45.2	218.8	8,200		53.2	224.6	5,500						125	
130									30.8	200.2	9,000		41.4	213.4	7,500		49.9	220.6	5,500						130	
135									25.2	190.7	8,400		37.3	207.2	7,100		46.3	216.0	5,500						135	
140													32.7	200.0	6,600		42.6	210.8	5,100						140	
145													27.4	191.2	6,000		38.6	204.9	4,900						145	
150													20.9	179.8	5,700		34.1	198.0	4,400						150	
155																	29.1	189.8	4,000						155	
160																	23.1	179.4	3,700						160	



Liftcrane Luffing Jib Capacities

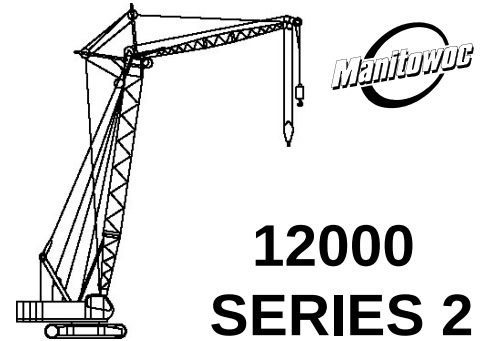
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

120 Ft. JIB

	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib			Jib	Jib		Load	
Rad.	Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load		Angle	Point	Rated Load	Rad.	
(ft)	(deg)	Elev. (ft)	(lbs)		(deg)	Elev. (ft)	(lbs)		(deg)	Elev. (ft)	(lbs)		(deg)	Elev. (ft)	(lbs)		(deg)	Elev. (ft)	(lbs)		(deg)	Elev. (ft)	(lbs)	(ft)	
60 Ft. Boom																									
45	72.4	182.1	46,200	*																				45	
50	69.9	180.4	41,600	*																				50	
55	67.3	178.4	37,000	*																				55	
60	64.7	176.1	32,400	*	67.5	177.9	32,200																	60	
65	62.0	173.6	28,700	*	64.9	175.6	29,300																	65	
70	59.3	170.7	25,600	*	62.2	173.1	26,500																	70	
75	56.4	167.5	22,900	*	59.4	170.3	24,000		62.3	172.1	22,700													75	
80	53.5	164.0	20,500	*	56.6	167.1	22,000		59.5	169.3	21,600													80	
85	50.5	160.0	18,500	*	53.7	163.6	20,300		56.7	166.2	19,800													85	
90	47.3	155.6	17,000	*	50.6	159.6	18,700		53.8	162.6	18,300		56.8	164.7	17,000									90	
95	43.9	150.6	15,400	*	47.5	155.2	17,200	*	50.8	158.7	17,000		53.9	161.2	16,300									95	
100	40.3	145.0	14,100	*	44.1	150.3	15,700	*	47.6	154.4	15,700		50.8	157.3	15,200		53.8	159.2	13,900					100	
105	36.5	138.6	12,800	*	40.5	144.7	14,300	*	44.3	149.4	14,600		47.7	152.9	14,100		50.8	155.3	13,400					105	
110	32.2	131.2	11,700	*	36.7	138.4	13,000	*	40.7	143.9	13,700		44.3	148.0	13,200		47.6	150.9	12,600					110	
115	27.3	122.3	10,600	*	32.4	131.0	11,900	*	36.8	137.6	12,800		40.8	142.5	12,300		44.3	146.0	11,900		47.4	148.3	10,800	115	
120	21.4	111.1	9,700	*	27.6	123.1	10,800	*	32.6	130.3	11,900		36.9	136.2	11,500		40.7	140.5	11,000		44.1	143.3	10,600	120	
125					21.8	111.2	9,900	*	27.8	121.6	11,200		32.7	128.9	10,800		36.9	134.2	10,400		40.5	137.8	9,900	125	
130									22.1	110.6	10,600		27.9	120.2	10,100		32.6	126.9	9,700		36.7	131.4	9,300	130	
135													22.2	109.3	9,500		27.8	118.1	9,000		32.4	124.1	8,800	135	
140																	22.1	107.2	8,600		27.6	115.3	8,200	140	
145																				21.8	104.2	7,700		145	
70 Ft. Boom																									
45	72.6	192.2	46,200	*																				45	
50	70.1	190.5	41,600	*																				50	
55	67.5	188.5	37,300	*																				55	
60	64.9	186.3	32,600	*	68.1	188.3	31,700																	60	
65	62.2	183.8	28,900	*	65.5	186.1	29,100																	65	
70	59.5	180.9	25,600	*	62.8	183.7	26,200																	70	
75	56.6	177.8	22,900	*	60.1	180.9	23,800		63.4	183.0	22,300													75	
80	53.7	174.2	20,700	*	57.3	177.8	21,800		60.7	180.3	21,200													80	
85	50.7	170.3	18,700	*	54.4	174.4	20,100		57.9	177.3	19,400													85	
90	47.5	165.9	17,000	*	51.4	170.6	18,500		55.0	173.9	17,900		58.4	176.1	16,300									90	
95	44.2	161.0	15,400	*	48.3	166.3	17,200		52.0	170.2	16,500		55.6	172.8	15,900									95	
100	40.6	155.4	14,100	*	44.9	161.5	15,900		48.9	166.0	15,400		52.6	169.2	14,800									100	
105	36.7	149.1	12,800	*	41.4	156.1	14,600	*	45.7	161.3	14,300		49.5	165.1	13,700		53.1	167.5	12,300					105	
110	32.5	141.8	11,700	*	37.7	150.0	13,200	*	42.2	156.1	13,400		46.3	160.5	12,800		50.0	163.5	12,100					110	
115	27.7	133.0	10,600	*	33.5	142.9	12,100	*	38.5	150.1	12,600		42.9	155.4	11,900		46.8	159.0	11,200					115	
120	21.9	122.0	9,700	*	28.9	134.5	11,000	*	34.4	143.3	11,700		39.2	149.6	11,200		43.4	153.9	10,600		47.1	156.8	9,500	120	
125					23.4	124.1	10,100	*	29.9	135.2	11,000		35.2	142.9	10,600		39.8	148.2	9,900		43.8	151.8	9,500	125	
130									24.6	125.3	10,400		30.8	135.1	9,900		35.8	141.7	9,300		40.2	146.1	8,800	130	
135													25.7	125.6	9,300		31.5	134.1	8,800		36.3	139.7	8,200	135	
140																	26.5	124.9	8,200		32.0	132.2	7,700	140	
145																	20.4	113.2	7,700		27.1	123.3	7,300	145	
150																				21.2	111.9	6,800		150	



Liftcrane Luffing Jib Capacities

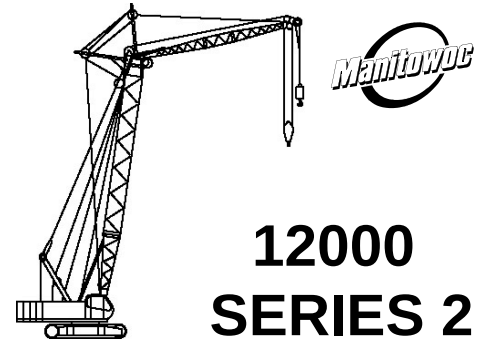
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

120 Ft. JIB

Load	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)	Rad. (ft)	
80 Ft. Boom																									
45	72.8	202.3	46,200	*																				45	
50	70.3	200.6	41,600	*																				50	
55	67.7	198.7	37,700	*																				55	
60	65.1	196.4	32,800	*	68.7	198.7	31,500																	60	
65	62.4	193.9	29,100	*	66.1	196.6	28,900																	65	
70	59.7	191.1	25,800	*	63.5	194.2	26,000																	70	
75	56.8	188.0	23,100	*	60.8	191.5	23,600																	75	
80	53.9	184.5	20,700	*	58.0	188.5	21,600		61.8	191.2	20,100													80	
85	50.9	180.6	18,700	*	55.1	185.2	19,800		59.1	188.4	19,200													85	
90	47.7	176.2	17,000	*	52.1	181.5	18,300		56.2	185.2	17,600													90	
95	44.4	171.4	15,400	*	49.0	177.3	17,000		53.3	181.6	16,300		57.3	184.4	14,600									95	
100	40.9	165.8	14,100	*	45.8	172.6	15,900		50.2	177.6	15,200		54.4	180.9	14,300									100	
105	37.0	159.6	12,800	*	42.3	167.4	14,800		47.0	173.1	14,100		51.3	177.1	13,200									105	
110	32.8	152.3	11,700	*	38.6	161.5	13,400	*	43.7	168.1	13,200		48.2	172.8	12,300		52.3	175.8	10,800					110	
115	28.0	143.7	10,800	*	34.6	154.6	12,300	*	40.1	162.5	12,300		44.9	168.0	11,500		49.2	171.7	10,800					115	
120	22.4	132.9	9,700	*	30.0	146.6	11,200	*	36.2	156.0	11,500		41.4	162.6	10,800		46.0	167.0	10,100					120	
125					24.8	136.8	10,400	*	31.9	148.5	10,800		37.6	156.5	10,100		42.5	161.8	9,500		46.8	165.2	7,900	125	
130									26.9	139.5	10,100		33.4	149.4	9,500		38.8	156.0	8,800		43.5	160.2	7,900	130	
135									21.0	128.0	9,500		28.8	141.0	9,000		34.8	149.2	8,400		39.8	154.5	7,700	135	
140													23.3	130.5	8,400		30.3	141.2	7,700		35.9	148.0	7,100	140	
145																	25.1	131.6	7,300		31.6	140.4	6,600	145	
150																					26.6	131.3	6,200	150	
155																					20.5	119.6	5,700	155	
90 Ft. Boom																									
45	72.9	212.4	46,200	*																				45	
50	70.4	210.7	41,600	*																				50	
55	67.9	208.8	37,700	*																				55	
60	65.3	206.6	33,100	*	69.4	209.1	31,100																	60	
65	62.6	204.1	29,100	*	66.8	207.1	28,400																	65	
70	59.9	201.3	26,000	*	64.1	204.8	25,800																	70	
75	57.0	198.2	23,100	*	61.4	202.1	23,400																	75	
80	54.1	194.7	20,900	*	58.7	199.2	21,400		63.0	202.1	19,600													80	
85	51.1	190.9	19,000	*	55.8	196.0	19,600		60.2	199.4	18,700													85	
90	48.0	186.5	17,200	*	52.9	192.3	18,100		57.4	196.3	17,400													90	
95	44.6	181.7	15,700	*	49.8	188.3	16,800		54.5	192.9	16,100		58.9	195.8	14,100									95	
100	41.1	176.3	14,100	*	46.6	183.7	15,700		51.5	189.1	14,800		56.1	192.6	13,900									100	
105	37.3	170.0	13,000	*	43.2	178.7	14,600		48.4	184.8	13,900		53.1	189.0	13,000									105	
110	33.1	162.9	11,700	*	39.5	172.9	13,400		45.1	180.1	13,000		50.1	184.9	12,100									110	
115	28.4	154.3	10,800	*	35.6	166.3	12,600	*	41.6	174.7	12,100		46.8	180.4	11,200		51.5	184.1	9,500					115	
120	22.8	143.7	9,700	*	31.2	158.6	11,500	*	37.8	168.6	11,200		43.5	175.4	10,600		48.4	179.8	9,500					120	
125					26.2	149.3	10,600	*	33.7	161.6	10,600		39.8	169.7	9,900		45.1	175.1	9,000					125	
130					20.0	137.4	9,500	*	29.1	153.2	9,900		35.9	163.2	9,300		41.6	169.7	8,400		46.5	173.7	6,800	130	
135									23.6	143.0	9,300		31.6	155.6	8,600		37.8	163.6	7,900		43.1	168.6	6,800	135	
140													26.6	146.5	8,200		33.7	156.6	7,300		39.5	162.8	6,600	140	
145													20.6	134.8	7,700		29.1	148.3	6,800		35.5	156.2	6,200	145	
150																	23.7	138.0	6,400		31.1	148.5	5,700	150	
155																					26.1	139.2	5,300	155	



Liftcrane Luffing Jib Capacities

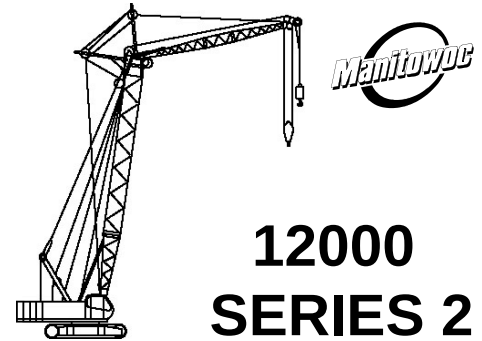
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

120 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.		Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle



Liftcrane Luffing Jib Capacities

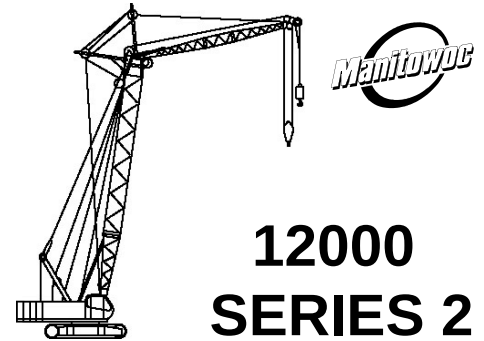
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

120 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Load		
Rad.	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Rad.		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(ft)		
120 Ft. Boom																								
45	73.5	242.7	43,200	*																		45		
50	71.0	241.1	40,800	*																		50		
55	68.4	239.2	36,800	*																		55		
60	65.8	237.1	33,300	*																		60		
65	63.2	234.6	29,800	*	68.7	238.4	26,900															65		
70	60.4	231.9	26,500	*	66.1	236.3	24,900															70		
75	57.6	228.9	23,600	*	63.4	233.9	22,700															75		
80	54.8	225.5	21,200	*	60.7	231.2	20,700															80		
85	51.8	221.7	19,200	*	57.9	228.2	19,000	63.6	232.1	16,500												85		
90	48.6	217.5	17,400	*	55.0	224.8	17,400	60.9	229.4	16,100												90		
95	45.4	212.7	15,700	*	52.1	221.1	16,100	58.1	226.5	15,000												95		
100	41.9	207.4	14,300	*	49.0	216.9	15,000	55.3	223.1	13,900												100		
105	38.1	201.4	13,000	*	45.7	212.2	13,900	52.3	219.4	12,800	58.2	223.7	10,400									105		
110	34.0	194.4	11,900	*	42.2	207.0	13,000	49.2	215.3	11,900	55.4	220.4	10,400									110		
115	29.4	186.2	10,800	*	38.5	201.0	12,100	45.9	210.6	11,200	52.4	216.7	9,900									115		
120	24.1	176.2	9,900	*	34.5	194.1	11,500	42.5	205.4	10,400	49.3	212.6	9,300									120		
125					29.9	186.1	10,600	38.8	199.5	9,700	46.0	208.0	8,600	52.3	212.9	6,200						125		
130					24.7	176.2	9,900	34.8	192.7	9,300	42.6	202.8	7,900	49.2	208.8	6,200						130		
135								30.3	184.8	8,600	38.9	196.9	7,500	45.9	204.1	6,200						135		
140								25.1	175.1	8,200	34.9	190.1	6,800	42.5	198.9	5,700						140		
145											30.4	182.2	6,400	38.8	193.0	5,300						145		
150											25.3	172.6	6,000	34.8	186.2	4,900						150		
155														30.3	178.3	4,400						155		
160														25.1	168.6	4,200						160		
130 Ft. Boom																								
45	73.6	252.8	39,500	*																		45		
50	71.1	251.2	35,700	*																		50		
55	68.6	249.3	32,400	*																		55		
60	66.0	247.2	29,500	*																		60		
65	63.3	244.8	27,100	*	69.3	248.8	26,700															65		
70	60.6	242.1	24,900	*	66.7	246.7	24,700															70		
75	57.8	239.1	22,900	*	64.1	244.4	22,300															75		
80	55.0	235.7	21,200	*	61.4	241.8	20,500															80		
85	52.0	232.0	19,200	*	58.6	238.8	18,700															85		
90	48.9	227.8	17,400	*	55.8	235.6	17,200	62.0	240.4	14,800												90		
95	45.6	223.1	15,900	*	52.8	231.9	15,900	59.3	237.5	14,600												95		
100	42.1	217.8	14,300	*	49.7	227.9	14,800	56.5	234.3	13,400												100		
105	38.4	211.8	13,000	*	46.5	223.3	13,700	53.5	230.8	12,600												105		
110	34.3	205.0	11,900	*	43.1	218.2	12,800	50.5	226.8	11,700	57.0	231.9	9,000									110		
115	29.8	196.9	10,800	*	39.4	212.5	11,900	47.3	222.4	11,000	54.1	228.5	9,000									115		
120	24.5	186.9	9,900	*	35.5	205.8	11,200	43.9	217.5	10,100	51.1	224.6	8,800									120		
125					31.1	198.1	10,600	40.4	211.9	9,500	48.0	220.3	8,200									125		
130					26.0	188.8	9,900	36.5	205.5	9,000	44.6	215.4	7,500	51.5	221.2	5,100						130		
135								32.2	198.1	8,400	41.1	210.0	7,100	48.4	216.9	5,100						135		
140								27.4	189.2	7,700	37.3	203.8	6,600	45.1	212.1	5,100						140		
145								21.5	178.0	7,300	33.1	196.6	6,000	41.6	206.8	4,900						145		
150											28.4	188.1	5,700	37.8	200.7	4,400						150		
155											22.8	177.4	5,300	33.7	193.7	4,200						155		
160														29.1	185.3	3,700						160		
165														23.6	175.1	3,500						165		



Liftcrane Luffing Jib Capacities

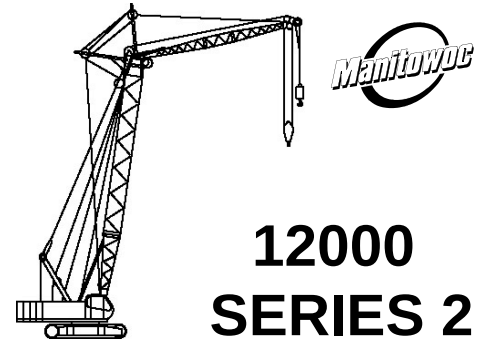
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

120 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Load Rad. (ft)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	*		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	
140 Ft. Boom																								
45	73.8	262.9	33,300	*																				45
50	71.3	261.3	30,200	*																				50
55	68.8	259.5	27,300	*																				55
60	66.2	257.4	24,900	*																				60
65	63.5	255.0	22,700	*																				65
70	60.8	252.3	20,700	*		67.3	257.2	23,600																70
75	58.0	249.3	19,200	*		64.7	254.9	22,000	*															75
80	55.2	246.0	17,600	*		62.0	252.4	20,500																80
85	52.2	242.2	16,100	*		59.3	249.5	18,700																85
90	49.1	238.1	14,800	*		56.5	246.3	17,400		63.2	251.2	14,300												90
95	45.8	233.4	13,700	*		53.5	242.8	16,100		60.4	248.5	14,100												95
100	42.4	228.2	12,600	*		50.5	238.8	15,000		57.7	245.5	13,200												100
105	38.7	222.3	11,700	*		47.3	234.4	13,900		54.8	242.1	12,100												105
110	34.6	215.5	10,600	*		43.9	229.5	12,800	*	51.8	238.3	11,200		58.7	243.4	8,400								110
115	30.1	207.5	9,700	*		40.4	223.9	11,900	*	48.6	234.1	10,600		55.8	240.1	8,400								115
120	24.9	197.7	9,000	*		36.5	217.5	11,000	*	45.4	229.4	9,900		52.9	236.5	8,200								120
125						32.2	210.0	10,100	*	41.9	224.1	9,300		49.8	232.4	7,700								125
130						27.3	201.2	9,300	*	38.1	218.0	8,600		46.6	227.9	7,100		53.8	233.3	4,400				130
135						21.5	190.0	8,600	*	34.0	211.1	7,900		43.2	222.8	6,600		50.8	229.4	4,400				135
140										29.5	202.9	7,500		39.6	217.1	6,000		47.6	225.0	4,400				140
145										24.1	192.8	7,100		35.6	210.5	5,500		44.2	220.1	4,200				145
150														31.2	202.8	5,100		40.7	214.6	4,000				150
155														26.2	193.5	4,900		36.8	208.3	3,500				155
160														20.0	181.6	4,400		32.6	201.0	3,300				160



Liftcrane Luffing Jib Capacities

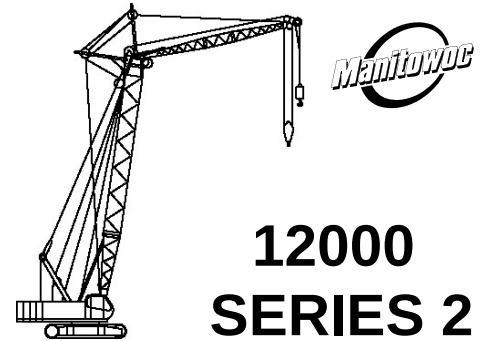
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

130 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)																																																																																																																																																																																																																																																																																																																																																																																																																																						
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)																																																																																																																																																																																																																																																																																																																																																																																																																																								
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)		Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)



Liftcrane Luffing Jib Capacities

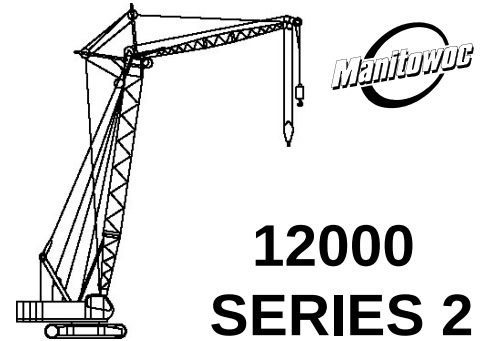
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

130 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	
80 Ft. Boom																								
45	74.1	212.8	46,200	*																				45
50	71.8	211.2	41,600	*																				50
55	69.5	209.4	37,500	*																				55
60	67.1	207.4	32,600	*																				60
65	64.7	205.1	28,900	*	68.1	207.5	28,000																	65
70	62.2	202.6	25,600	*	65.7	205.3	25,800																	70
75	59.7	199.8	22,900	*	63.2	202.9	23,400																	75
80	57.1	196.7	20,500	*	60.7	200.2	21,400		64.2	202.5	19,600													80
85	54.4	193.2	18,500	*	58.1	197.2	19,600		61.7	199.9	19,000													85
90	51.6	189.4	17,000	*	55.5	193.9	18,100		59.1	197.0	17,400													90
95	48.8	185.2	15,400	*	52.8	190.2	16,800		56.5	193.8	16,100													95
100	45.7	180.5	13,900	*	49.9	186.2	15,400		53.8	190.3	15,000		57.5	193.1	13,200									100
105	42.6	175.3	12,800	*	47.0	181.7	14,600		51.0	186.4	13,900		54.8	189.7	13,000									105
110	39.2	169.5	11,700	*	43.9	176.7	13,400		48.1	182.1	13,000		52.0	185.9	12,100									110
115	35.5	162.8	10,600	*	40.6	171.1	12,100	*	45.1	177.3	12,100		49.2	181.7	11,200		52.9	184.6	9,700					115
120	31.5	155.2	9,700	*	37.0	164.8	11,200	*	41.9	172.0	11,200		46.2	177.1	10,600		50.1	180.6	9,700					120
125	26.9	146.1	8,800	*	33.2	157.6	10,100	*	38.4	166.0	10,600		43.0	172.0	9,900		47.2	176.1	9,300					125
130	21.5	134.8	8,200	*	28.8	149.2	9,300	*	34.7	159.2	9,900		39.7	166.3	9,300		44.0	171.2	8,600		48.0	174.2	7,100	130
135					23.8	138.9	8,600	*	30.6	151.3	9,300		36.1	159.8	8,600		40.8	165.6	7,900		44.9	169.4	7,100	135
140									25.8	141.8	8,800		32.1	152.3	8,200		37.2	159.4	7,500		41.7	164.0	6,800	140
145									20.1	129.8	8,200		27.6	143.4	7,700		33.4	152.2	7,100		38.2	158.0	6,400	145
150													22.3	132.5	7,300		29.1	143.9	6,600		34.4	151.1	6,000	150
155																	24.1	133.7	6,200		30.3	143.1	5,500	155
160																					25.5	133.5	5,100	160
90 Ft. Boom																								
45	74.3	222.9	46,200	*																				45
50	72.0	221.3	41,600	*																				50
55	69.7	219.6	37,500	*																				55
60	67.3	217.5	32,800	*																				60
65	64.9	215.3	29,100	*	68.7	217.9	27,600																	65
70	62.4	212.8	25,800	*	66.3	215.8	25,600																	70
75	59.9	210.0	23,100	*	63.8	213.4	23,100																	75
80	57.3	206.9	20,700	*	61.3	210.8	21,200																	80
85	54.6	203.5	18,700	*	58.8	207.9	19,400		62.7	210.8	17,600													85
90	51.8	199.7	17,000	*	56.2	204.7	17,900		60.2	208.0	17,000													90
95	49.0	195.5	15,400	*	53.4	201.1	16,500		57.6	205.0	15,700													95
100	46.0	190.9	14,100	*	50.6	197.1	15,400		55.0	201.6	14,600		59.0	204.5	12,800									100
105	42.8	185.7	12,800	*	47.7	192.8	14,300		52.2	197.9	13,700		56.4	201.2	12,600									105
110	39.4	179.9	11,700	*	44.6	187.9	13,200		49.4	193.8	12,600		53.7	197.7	11,700									110
115	35.8	173.3	10,600	*	41.4	182.5	12,300		46.4	189.2	11,900		50.9	193.8	11,000									115
120	31.8	165.7	9,700	*	37.9	176.4	11,500	*	43.2	184.1	11,000		48.0	189.5	10,100		52.2	192.9	8,400					120
125	27.3	156.8	8,800	*	34.1	169.4	10,400	*	39.9	178.4	10,400		44.9	184.6	9,500		49.4	188.8	8,400					125
130	21.9	145.7	8,200	*	29.9	161.3	9,500	*	36.3	171.9	9,700		41.7	179.3	9,000		46.4	184.2	8,200					130
135					25.1	151.6	8,600	*	32.3	164.5	9,000		38.2	173.2	8,400		43.2	179.1	7,500		47.7	182.7	5,700	135
140									27.9	155.7	8,600		34.5	166.3	7,900		39.9	173.4	7,100		44.6	177.9	5,700	140
145									22.7	145.0	8,200		30.3	158.3	7,300		36.3	166.9	6,600		41.4	172.4	5,700	145
150													25.5	148.8	6,800		32.4	159.5	6,200		37.9	166.3	5,300	150
155																	27.9	150.8	5,700		34.1	159.3	5,100	155
160																	22.7	140.1	5,300		29.9	151.2	4,600	160
165																					25.1	141.5	4,200	165



Liftcrane Luffing Jib Capacities

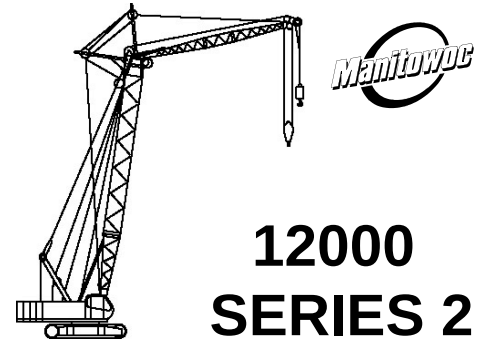
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

130 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)		Rated Load (lbs)
100 Ft. Boom																									
45	74.5	233.0	46,200	*																				45	
50	72.2	231.4	41,600	*																				50	
55	69.8	229.7	37,500	*																				55	
60	67.4	227.7	33,100	*																				60	
65	65.0	225.5	29,100	*	69.2	228.3	27,300																	65	
70	62.6	223.0	26,000	*	66.8	226.3	25,100																	70	
75	60.0	220.2	23,100	*	64.4	224.0	22,900																	75	
80	57.5	217.1	20,700	*	61.9	221.4	20,900																	80	
85	54.8	213.7	18,700	*	59.4	218.6	19,200		63.8	221.6	17,200													85	
90	52.0	209.9	17,000	*	56.8	215.4	17,600		61.3	219.0	16,800													90	
95	49.2	205.8	15,400	*	54.1	211.9	16,300		58.7	216.1	15,400													95	
100	46.2	201.2	14,100	*	51.3	208.1	15,200		56.1	212.8	14,300													100	
105	43.0	196.1	12,800	*	48.4	203.8	14,100		53.4	209.3	13,200		57.9	212.7	11,200									105	
110	39.7	190.3	11,700	*	45.4	199.1	13,200		50.6	205.3	12,300		55.3	209.4	11,200									110	
115	36.0	183.8	10,600	*	42.2	193.8	12,300		47.6	200.9	11,500		52.5	205.7	10,600									115	
120	32.1	176.3	9,700	*	38.8	187.9	11,500		44.6	196.0	10,800		49.7	201.6	9,900		54.3	205.0	7,700					120	
125	27.6	167.5	8,800	*	35.1	181.1	10,600	*	41.3	190.6	10,100		46.7	197.1	9,300		51.5	201.2	7,700					125	
130	22.3	156.5	8,200	*	31.0	173.3	9,700	*	37.8	184.5	9,500		43.6	192.0	8,600		48.6	196.9	7,500					130	
135					26.4	164.1	8,800	*	34.0	177.5	8,800		40.3	186.4	7,900		45.6	192.2	7,100					135	
140					20.8	152.4	7,900	*	29.8	169.4	8,400		36.7	180.0	7,500		42.4	187.0	6,400		47.4	191.2	4,600		140
145									25.0	159.6	7,900		32.8	172.7	6,800		39.0	181.1	6,000		44.3	186.3	4,600		145
150													28.4	164.2	6,400		35.3	174.4	5,500		41.0	180.8	4,600		150
155													23.3	153.7	6,000		31.3	166.7	5,100		37.5	174.6	4,400		155
160																	26.7	157.6	4,900		33.7	167.6	4,000		160
165																	21.2	146.2	4,400		29.5	159.3	3,700		165
170																					24.6	149.4	3,300		170
110 Ft. Boom																									
50	72.3	241.5	41,600	*																				50	
55	70.0	239.8	37,500	*																				55	
60	67.6	237.8	33,300	*																				60	
65	65.2	235.6	29,300	*																				65	
70	62.7	233.1	26,000	*	67.4	236.7	24,300																	70	
75	60.2	230.4	23,400	*	65.0	234.5	22,900																	75	
80	57.6	227.3	20,900	*	62.6	232.0	20,900																	80	
85	55.0	223.9	19,000	*	60.0	229.2	19,400																	85	
90	52.2	220.2	17,200	*	57.4	226.1	17,900		62.3	229.9	15,400													90	
95	49.4	216.1	15,400	*	54.8	222.7	16,500		59.8	227.1	15,000													95	
100	46.4	211.5	14,100	*	52.0	219.0	15,200		57.2	224.0	13,900													100	
105	43.2	206.4	12,800	*	49.2	214.8	14,100		54.5	220.6	13,000		59.4	224.1	10,800									105	
110	39.9	200.7	11,700	*	46.2	210.2	13,200		51.7	216.8	12,100		56.8	220.9	10,800									110	
115	36.3	194.3	10,800	*	43.0	205.1	12,300		48.9	212.6	11,200		54.1	217.5	10,100									115	
120	32.4	186.8	9,700	*	39.6	199.3	11,700		45.9	207.9	10,600		51.4	213.6	9,500									120	
125	27.9	178.1	8,800	*	36.0	192.8	10,800		42.7	202.7	9,900		48.5	209.3	8,800		53.6	213.3	6,400					125	
130	22.7	167.4	8,200	*	32.0	185.3	10,100		39.3	196.9	9,300		45.4	204.6	8,200		50.8	209.4	6,400					130	
135					27.6	176.4	9,500		35.6	190.3	8,600		42.2	199.4	7,500		47.9	205.1	6,400					135	
140					22.3	165.5	8,600	*	31.6	182.7	8,200		38.8	193.4	7,100		44.8	200.2	6,000					140	
145									27.1	173.7	7,500		35.1	186.7	6,600		41.6	194.9	5,500					145	
150									21.7	162.5	7,100		31.0	178.9	6,200		38.1	188.8	5,100					150	
155													26.4	169.7	5,700		34.4	181.9	4,600					155	
160													20.8	158.0	5,300		30.2	173.9	4,400					160	
165																	25.4	164.3	4,000					165	



Liftcrane Luffing Jib Capacities

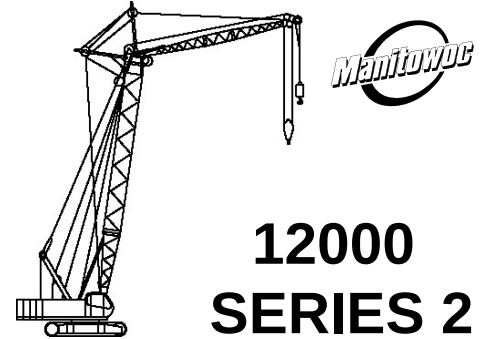
**75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating**

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

130 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		Angle	Elev.	Rated Load		
120 Ft. Boom																								
50	72.5	251.7	38,800	*																			50	
55	70.1	249.9	36,400	*																			55	
60	67.8	248.0	33,100	*																			60	
65	65.4	245.8	29,500	*																			65	
70	62.9	243.3	26,200	*	68.0	247.1	24,000																70	
75	60.4	240.6	23,400	*	65.6	245.0	22,700																75	
80	57.8	237.5	20,900	*	63.2	242.5	20,700																80	
85	55.2	234.2	19,000	*	60.7	239.8	19,000																85	
90	52.4	230.5	17,200	*	58.1	236.8	17,600		63.3	240.8	14,800												90	
95	49.6	226.4	15,700	*	55.4	233.5	16,300		60.8	238.1	14,800												95	
100	46.6	221.8	14,100	*	52.7	229.8	15,000		58.3	235.1	13,700												100	
105	43.5	216.8	13,000	*	49.9	225.8	14,100		55.6	231.8	12,600												105	
110	40.1	211.1	11,700	*	46.9	221.3	13,000		52.9	228.2	11,700		58.4	232.4	9,300								110	
115	36.6	204.7	10,800	*	43.8	216.3	12,100		50.1	224.2	11,000		55.7	229.1	9,300								115	
120	32.6	197.4	9,700	*	40.5	210.7	11,500		47.1	219.7	10,100		53.0	225.5	8,800								120	
125	28.3	188.8	8,800	*	36.9	204.4	10,600		44.0	214.7	9,500		50.2	221.5	8,200								125	
130	23.1	178.2	8,200	*	33.1	197.1	9,900		40.7	209.2	8,800		47.2	217.0	7,700		52.9	221.7	5,300				130	
135					28.7	188.7	9,500		37.2	202.9	8,400		44.1	212.1	7,100		50.1	217.6	5,300				135	
140					23.7	178.4	8,800		33.3	195.8	7,700		40.8	206.5	6,600		47.1	213.2	5,300				140	
145									29.1	187.4	7,300		37.3	200.3	6,200		44.0	208.2	4,900				145	
150									24.1	177.3	6,800		33.5	193.2	5,700		40.7	202.7	4,600				150	
155													29.2	184.9	5,300		37.2	196.4	4,200				155	
160													24.2	174.8	4,900		33.4	189.3	3,700				160	
165																	29.1	180.9	3,500				165	
170																	24.1	170.8	3,300				170	
130 Ft. Boom																								
50	72.6	261.8	34,800	*																			50	
55	70.3	260.0	31,700	*																			55	
60	67.9	258.1	28,900	*																			60	
65	65.5	255.9	26,500	*																			65	
70	63.1	253.5	24,300	*	68.6	257.6	23,600																70	
75	60.6	250.8	22,300	*	66.2	255.5	22,500																75	
80	58.0	247.8	20,700	*	63.8	253.1	20,500																80	
85	55.4	244.4	19,200	*	61.3	250.4	18,700																85	
90	52.6	240.7	17,200	*	58.7	247.5	17,400		64.4	251.6	14,600												90	
95	49.8	236.7	15,700	*	56.1	244.3	16,100		61.9	249.0	14,300												95	
100	46.8	232.2	14,100	*	53.4	240.7	14,800		59.3	246.2	13,200												100	
105	43.7	227.2	13,000	*	50.6	236.7	13,900		56.7	243.0	12,300												105	
110	40.4	221.5	11,700	*	47.6	232.4	12,800		54.1	239.5	11,500												110	
115	36.8	215.2	10,800	*	44.6	227.5	12,100		51.3	235.7	10,600		57.3	240.6	7,900								115	
120	32.9	207.9	9,700	*	41.3	222.0	11,200		48.4	231.4	9,900		54.6	237.2	7,900								120	
125	28.6	199.4	8,800	*	37.8	215.9	10,600		45.3	226.6	9,300		51.8	233.4	7,700								125	
130	23.5	189.0	8,200	*	34.0	208.9	9,900		42.1	221.4	8,600		49.0	229.2	7,300								130	
135					29.8	200.8	9,300		38.7	215.4	8,200		46.0	224.6	6,600		52.2	230.0	4,200				135	
140					25.0	191.0	8,800		35.0	208.7	7,500		42.8	219.4	6,200		49.4	225.8	4,200				140	
145									30.9	200.8	7,100		39.4	213.6	5,700		46.4	221.3	4,200				145	
150									26.2	191.5	6,600		35.8	207.0	5,300		43.2	216.2	4,200				150	
155									20.6	179.8	6,200		31.8	199.5	4,900		39.9	210.5	3,700				155	
160													27.2	190.5	4,600		36.3	204.0	3,500				160	
165													21.9	179.4	4,200								165	



Liftcrane Luffing Jib Capacities

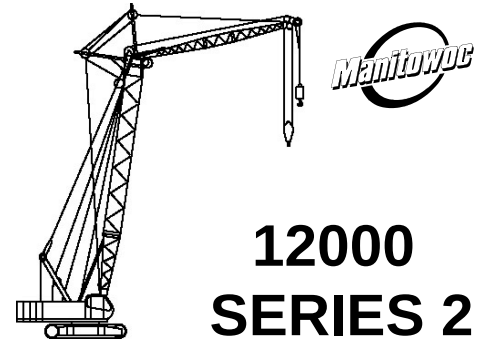
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

130 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
Rad. (ft)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
140 Ft. Boom																								
50	72.8	271.9	29,800	*																	50			
55	70.5	270.2	27,100	*																	55			
60	68.1	268.2	24,700	*																	60			
65	65.7	266.1	22,500	*																	65			
70	63.3	263.7	20,700	*	69.2	268.0	23,100														70			
75	60.8	261.0	19,000	*	66.8	265.9	21,800	*													75			
80	58.2	258.0	17,400	*	64.4	263.6	20,300														80			
85	55.5	254.7	16,100	*	61.9	261.0	18,500														85			
90	52.8	251.0	14,800	*	59.3	258.2	17,200														90			
95	50.0	247.0	13,700	*	56.7	255.0	15,900	62.9	259.9	12,800											95			
100	47.0	242.5	12,600	*	54.0	251.5	14,600	60.4	257.2	12,800											100			
105	43.9	237.5	11,700	*	51.3	247.7	13,700	57.8	254.2	11,900											105			
110	40.6	232.0	10,600	*	48.4	243.4	12,800	55.2	250.8	11,000											110			
115	37.1	225.7	9,900	*	45.3	238.6	11,900	52.4	247.1	10,400	58.8	252.0	7,300								115			
120	33.2	218.5	9,000	*	42.1	233.4	11,000	49.6	243.0	9,700	56.2	248.8	7,300								120			
125	28.9	210.1	8,400	*	38.7	227.4	10,100	46.6	238.5	8,800	53.5	245.2	7,300								125			
130	23.9	199.8	7,500	*	35.0	220.7	9,500	43.5	233.4	8,400	50.7	241.3	6,600								130			
135				*	30.9	212.8	8,600	40.2	227.8	7,700	47.7	236.9	6,200								135			
140				*	26.2	203.5	7,900	36.6	221.4	7,300	44.7	232.1	5,700								140			
145				*	20.6	191.8	7,300	32.7	214.0	6,600	41.4	226.6	5,300								145			
150								28.3	205.4	6,200	37.9	220.5	4,900								150			
155								23.1	194.9	5,700	34.2	213.6	4,400								155			
160											30.0	205.5	4,200								160			
165											25.1	195.8	3,700								165			



Liftcrane Luffing Jib Capacities

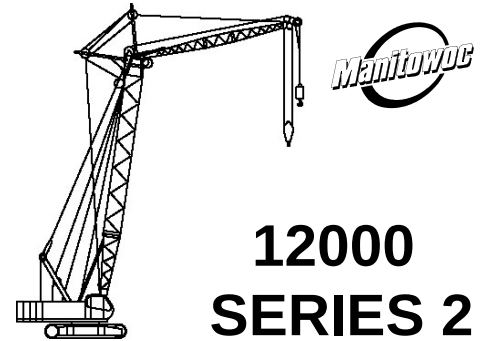
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

140 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib				
Rad.	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Rad.		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(ft)		
60 Ft. Boom																								
50	72.9	201.5	41,600	*																		50		
55	70.7	199.8	36,400	*																		55		
60	68.5	198.0	31,700	*																		60		
65	66.3	195.8	28,000	*	68.6	197.4	28,200															65		
70	64.0	193.5	24,900	*	66.4	195.3	26,000															70		
75	61.7	190.9	22,300	*	64.2	193.0	23,600															75		
80	59.4	188.0	20,100	*	61.9	190.4	21,400		64.3	192.0	20,100											80		
85	57.0	184.9	18,100	*	59.5	187.6	19,600		62.0	189.5	19,200											85		
90	54.5	181.4	16,300	*	57.1	184.5	18,100		59.6	186.6	17,600											90		
95	51.9	177.7	15,000	*	54.6	181.0	16,500	*	57.2	183.5	16,300											95		
100	49.2	173.5	13,700	*	52.1	177.3	15,200	*	54.7	180.1	15,200		57.2	182.1	13,700							100		
105	46.5	168.9	12,300	*	49.4	173.1	13,700	*	52.2	176.4	14,100		54.8	178.6	13,400							105		
110	43.6	163.9	11,200	*	46.6	168.6	12,600	*	49.5	172.2	13,200		52.2	174.9	12,600							110		
115	40.5	158.3	10,400	*	43.7	163.6	11,500	*	46.7	167.7	12,300		49.6	170.8	11,700		52.2	172.9	10,400			115		
120	37.2	152.0	9,500	*	40.7	158.0	10,600	*	43.9	162.7	11,500		46.8	166.3	11,000		49.5	168.8	10,400			120		
125	33.6	144.9	8,600	*	37.4	151.7	9,500	*	40.8	157.1	10,800		43.9	161.3	10,100		46.8	164.2	9,700		49.4	166.2	8,600	125
130	29.7	136.7	7,900	*	33.9	144.7	8,800	*	37.5	150.9	10,100		40.9	155.7	9,500		43.9	159.2	9,000		46.6	161.6	8,600	130
135	25.2	126.9	7,500	*	29.9	136.6	7,900	*	34.0	143.9	9,500		37.6	149.5	9,000		40.8	153.7	8,600		43.7	156.6	8,200	135
140					25.5	126.9	7,300	*	30.1	135.8	8,600	*	34.1	142.5	8,400		37.5	147.5	7,900		40.7	151.0	7,500	140
145					20.2	114.8	6,600	*	25.7	126.3	7,700	*	30.2	134.5	7,900		34.0	140.5	7,500		37.4	144.8	7,100	145
150									20.4	114.3	7,100	*	25.8	124.9	7,500		30.1	132.4	7,100		33.8	137.7	6,600	150
155													20.5	113.0	7,100		25.7	122.8	6,600		29.9	129.6	6,200	155
160																	20.4	110.9	6,200		25.5	119.9	5,700	160
165																				20.1	107.8	5,300		165
70 Ft. Boom																								
50	73.0	211.6	41,600	*																		50		
55	70.9	210.0	36,800	*																		55		
60	68.7	208.1	32,000	*																		60		
65	66.5	206.0	28,200	*	69.2	207.8	27,800															65		
70	64.2	203.7	25,100	*	67.0	205.8	25,600															70		
75	61.9	201.1	22,500	*	64.7	203.5	23,400															75		
80	59.5	198.2	20,100	*	62.4	201.0	21,400															80		
85	57.1	195.1	18,300	*	60.1	198.2	19,600		62.9	200.3	18,100											85		
90	54.7	191.7	16,500	*	57.7	195.2	17,900		60.6	197.6	17,400											90		
95	52.1	187.9	15,000	*	55.2	191.8	16,500		58.2	194.6	16,100											95		
100	49.4	183.8	13,700	*	52.7	188.1	15,400		55.8	191.3	14,800		58.7	193.5	13,200							100		
105	46.7	179.3	12,300	*	50.1	184.1	14,100	*	53.2	187.7	13,900		56.2	190.2	13,000							105		
110	43.8	174.2	11,200	*	47.3	179.7	12,800	*	50.6	183.8	12,800		53.7	186.7	12,100							110		
115	40.7	168.7	10,400	*	44.5	174.8	11,700	*	47.9	179.4	11,900		51.1	182.8	11,200		54.1	185.0	9,900			115		
120	37.4	162.5	9,500	*	41.4	169.3	10,600	*	45.1	174.6	11,200		48.4	178.5	10,600		51.5	181.2	9,900			120		
125	33.9	155.4	8,600	*	38.2	163.3	9,700	*	42.1	169.3	10,600		45.6	173.8	9,900		48.8	176.9	9,300			125		
130	30.0	147.3	7,900	*	34.7	156.4	8,800	*	38.9	163.4	9,900		42.7	168.6	9,300		46.0	172.3	8,800		49.1	174.7	7,300	130
135	25.6	137.7	7,300	*	30.9	148.6	8,200	*	35.5	156.7	9,300		39.5	162.8	8,600		43.1	167.2	8,200		46.4	170.1	7,300	135
140	20.2	125.7	6,800	*	26.6	139.4	7,500	*	31.8	149.1	8,600		36.2	156.3	8,200		40.0	161.5	7,500		43.4	165.0	7,100	140
145					21.6	128.0	6,600	*	27.6	140.2	8,200		32.5	148.9	7,700		36.7	155.1	7,100		40.4	159.4	6,400	145
150									22.7	129.5	7,300	*	28.4	140.3	7,100		33.1	147.8	6,600		37.1	153.1	6,000	150
155													23.7	129.9	6,600		29.1	139.4	6,200		33.5	145.9	5,500	155
160																	24.5	129.4	5,700		29.5	137.7	5,100	160
165																				25.0	127.8	4,900		165



Liftcrane Luffing Jib Capacities

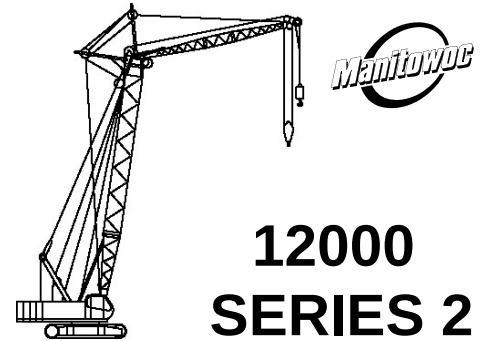
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

140 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle			78 Degree Boom Angle			73 Degree Boom Angle			68 Degree Boom Angle			63 Degree Boom Angle			Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		
80 Ft. Boom																				
50	73.2	221.7	41,600	*															50	
55	71.0	220.1	37,000	*															55	
60	68.8	218.2	32,400	*															60	
65	66.6	216.1	28,400	*															65	
70	64.4	213.8	25,400	*	67.5	216.2	24,700												70	
75	62.1	211.3	22,500	*	65.3	214.0	23,400												75	
80	59.7	208.4	20,300	*	63.0	211.6	21,400												80	
85	57.3	205.3	18,300	*	60.7	208.9	19,600	63.9	211.2	17,600									85	
90	54.8	201.9	16,500	*	58.3	205.9	18,100	61.6	208.6	17,000									90	
95	52.3	198.2	15,000	*	55.8	202.6	16,800	59.2	205.7	15,700									95	
100	49.6	194.1	13,700	*	53.3	199.0	15,400	56.8	202.5	14,600									100	
105	46.9	189.6	12,300	*	50.7	195.0	14,300	54.3	199.1	13,400	57.7	201.7	11,900						105	
110	44.0	184.6	11,200	*	48.0	190.7	13,400	51.7	195.2	12,600	55.2	198.4	11,700						110	
115	40.9	179.1	10,400	*	45.2	185.9	12,600	49.1	191.1	11,700	52.6	194.7	11,000						115	
120	37.7	172.9	9,500	*	42.2	180.6	11,500	46.3	186.5	11,000	50.0	190.6	10,100	53.5	193.3	8,600			120	
125	34.2	165.9	8,600	*	39.0	174.7	10,600	43.3	181.4	10,100	47.3	186.2	9,500	50.9	189.4	8,600			125	
130	30.3	157.9	7,900	*	35.6	168.1	9,500	40.3	175.7	9,700	44.4	181.3	8,800	48.2	185.1	8,200			130	
135	25.9	148.4	7,300	*	31.9	160.5	8,800	37.0	169.4	9,000	41.4	175.8	8,400	45.3	180.3	7,500	48.9	183.2	6,000	135
140	20.7	136.6	6,800	*	27.7	151.7	7,900	33.4	162.2	8,400	38.2	169.8	7,700	42.4	175.1	7,100	46.1	178.6	6,000	140
145					22.9	141.0	7,300	29.4	153.9	7,900	34.7	162.9	7,300	39.2	169.2	6,600	43.2	173.4	6,000	145
150								24.9	144.0	7,500	30.9	155.0	6,800	35.8	162.6	6,200	40.1	167.7	5,500	150
155											26.6	145.8	6,400	32.1	155.1	5,700	36.7	161.4	5,100	155
160											21.5	134.4	6,000	28.0	146.4	5,300	33.1	154.1	4,600	160
165														23.2	135.8	4,900	29.2	145.7	4,200	165
170																	24.6	135.7	4,000	170
90 Ft. Boom																				
50	73.3	231.8	41,600	*															50	
55	71.2	230.2	37,300	*															55	
60	69.0	228.3	32,600	*															60	
65	66.8	226.3	28,700	*															65	
70	64.5	224.0	25,400	*	68.1	226.7	24,500												70	
75	62.2	221.4	22,700	*	65.8	224.5	23,100												75	
80	59.9	218.6	20,300	*	63.6	222.1	21,200												80	
85	57.5	215.6	18,300	*	61.2	219.5	19,400												85	
90	55.0	212.2	16,500	*	58.9	216.6	17,900	62.5	219.5	15,700									90	
95	52.5	208.5	15,000	*	56.4	213.3	16,500	60.2	216.7	15,400									95	
100	49.8	204.4	13,700	*	53.9	209.8	15,200	57.8	213.7	14,300									100	
105	47.1	199.9	12,600	*	51.4	206.0	14,300	55.3	210.3	13,200	59.1	213.1	11,500						105	
110	44.2	195.0	11,500	*	48.7	201.7	13,200	52.8	206.7	12,300	56.6	209.9	11,500						110	
115	41.2	189.5	10,400	*	45.9	197.1	12,300	50.2	202.6	11,500	54.1	206.4	10,600						115	
120	37.9	183.4	9,500	*	42.9	191.9	11,500	47.4	198.2	10,800	51.6	202.6	9,900						120	
125	34.4	176.4	8,600	*	39.8	186.2	10,600	44.6	193.3	9,900	48.9	198.4	9,300	52.8	201.7	7,300			125	
130	30.6	168.5	7,900	*	36.5	179.7	9,700	41.6	187.9	9,500	46.1	193.8	8,600	50.2	197.6	7,300			130	
135	26.2	159.1	7,300	*	32.8	172.4	8,800	38.4	181.9	8,800	43.2	188.7	7,900	47.5	193.2	7,100			135	
140	21.1	147.5	6,800	*	28.8	163.9	8,200	34.9	175.1	8,200	40.1	183.0	7,500	44.6	188.3	6,600	48.6	191.7	4,900	140
145					24.2	153.7	7,300	31.1	167.3	7,700	36.8	176.6	6,800	41.6	182.9	6,200	45.8	187.0	4,900	145
150								26.8	158.2	7,300	33.2	169.3	6,400	38.4	176.9	5,700	42.9	181.8	4,900	150
155								21.8	146.9	6,800	29.2	161.0	6,000	34.9	170.1	5,300	39.8	176.1	4,400	155
160											24.6	151.0	5,500	31.1	162.3	4,900	36.4	169.6	4,200	160
165														26.9	153.2	4,400	32.8	162.3	3,700	165
170														21.9	142.0	4,200	28.8	153.8	3,500	170



Liftcrane Luffing Jib Capacities

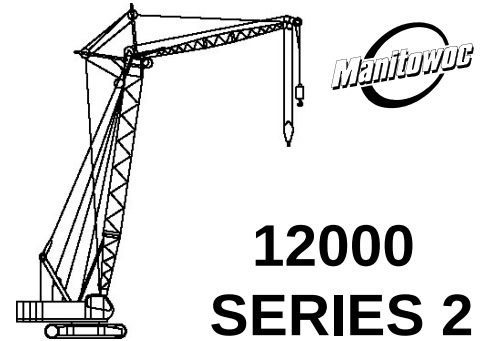
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

140 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)		
100 Ft. Boom																								
50	73.5	241.9	41,600	*																			50	
55	71.3	240.3	37,300																				55	
60	69.1	238.5	32,800	*																			60	
65	66.9	236.4	28,900	*																			65	
70	64.7	234.1	25,600	*	68.6	237.1	24,300																70	
75	62.4	231.6	22,900	*	66.4	235.0	22,900																75	
80	60.0	228.8	20,500	*	64.1	232.7	20,900																80	
85	57.6	225.8	18,500	*	61.8	230.1	19,200																85	
90	55.2	222.4	16,800	*	59.5	227.2	17,600		63.5	230.3	15,400												90	
95	52.6	218.7	15,200	*	57.0	224.1	16,300		61.2	227.7	15,000												95	
100	50.0	214.7	13,700	*	54.6	220.6	15,200		58.8	224.7	13,900												100	
105	47.3	210.2	12,600	*	52.0	216.9	14,100		56.4	221.5	13,000												105	
110	44.4	205.3	11,500	*	49.3	212.7	13,000		53.9	218.0	11,900		58.1	221.4	9,900								110	
115	41.4	199.9	10,400	*	46.6	208.2	12,100		51.3	214.1	11,200		55.6	218.1	9,900								115	
120	38.1	193.8	9,500	*	43.7	203.1	11,500		48.6	209.9	10,400		53.1	214.5	9,500								120	
125	34.7	186.9	8,600	*	40.6	197.5	10,600		45.8	205.2	9,700		50.5	210.5	8,800								125	
130	30.9	179.1	7,900	*	37.3	191.3	9,900		42.8	200.0	9,000		47.7	206.1	8,200		52.2	210.0	6,000				130	
135	26.6	169.8	7,300	*	33.8	184.2	9,000	*	39.7	194.3	8,600		44.9	201.3	7,500		49.5	205.8	6,000				135	
140	21.5	158.4	6,800	*	29.8	176.0	8,400	*	36.4	187.8	7,900		41.9	195.9	7,100		46.8	201.3	6,000				140	
145					25.4	166.3	7,500	*	32.7	180.5	7,500		38.7	190.0	6,400		43.9	196.3	5,500		48.4	200.2	3,700	145
150					20.0	154.2	6,800	*	28.7	171.9	6,800		35.3	183.3	6,000		40.8	190.8	5,100		45.6	195.5	3,700	150
155									24.0	161.7	6,400		31.6	175.6	5,500		37.5	184.6	4,600		42.6	190.2	3,700	155
160													27.3	166.6	5,300		34.0	177.5	4,400		39.5	184.4	3,500	160
165													22.4	155.7	4,900		30.1	169.5	4,000		36.1	177.9	3,300	165
170																	25.7	159.9	3,700					170
175																	20.4	148.0	3,300					175
110 Ft. Boom																								
50	73.6	252.0	38,500																				50	
55	71.5	250.4	35,800																				55	
60	69.3	248.6	32,800																				60	
65	67.1	246.6	29,100	*																			65	
70	64.8	244.3	25,800	*	69.1	247.5	23,800																70	
75	62.5	241.8	22,900	*	66.9	245.5	22,700																75	
80	60.2	239.0	20,500	*	64.7	243.2	20,700																80	
85	57.8	236.0	18,500	*	62.4	240.6	19,000																85	
90	55.4	232.7	16,800	*	60.0	237.9	17,400		64.4	241.1	15,000												90	
95	52.8	229.0	15,200	*	57.6	234.8	16,100		62.1	238.6	14,800												95	
100	50.2	225.0	13,900	*	55.2	231.4	15,000		59.8	235.8	13,700												100	
105	47.5	220.6	12,600	*	52.6	227.7	13,900		57.4	232.7	12,600												105	
110	44.6	215.7	11,500	*	50.0	223.7	13,000		54.9	229.3	11,700		59.5	232.8	9,300								110	
115	41.6	210.3	10,400	*	47.2	219.2	12,100		52.4	225.6	10,800		57.1	229.6	9,300								115	
120	38.4	204.2	9,500	*	44.4	214.3	11,200		49.7	221.5	10,100		54.6	226.2	9,000								120	
125	34.9	197.4	8,600	*	41.4	208.9	10,600		47.0	217.0	9,500		52.0	222.4	8,400								125	
130	31.1	189.7	7,900	*	38.1	202.8	9,900		44.1	212.0	8,800		49.4	218.3	7,700		54.1	222.1	5,300				130	
135	26.9	180.5	7,300	*	34.7	195.9	9,300		41.0	206.5	8,200		46.6	213.7	7,100		51.5	218.2	5,300				135	
140	21.9	169.3	6,600	*	30.8	188.1	8,400	*	37.8	200.4	7,700		43.7	208.7	6,600		48.8	214.0	5,300				140	
145					26.5	178.8	7,700	*	34.3	193.4	7,100		40.6	203.1	6,200		46.0	209.4	5,100				145	
150					21.4	167.4	7,100	*	30.4	185.4	6,600		37.3	196.8	5,700		43.1	204.2	4,600				150	
155									26.1	176.0	6,200		33.8	189.8	5,300		40.0	198.5	4,200				155	
160									20.9	164.3	5,700		29.9	181.6	4,900		36.7	192.2	4,000				160	
165													25.4	171.9	4,400		33.1	184.9	3,500				165	
170													20.0	159.8	4,200		29.1	176.5	3,300				170	



Liftcrane Luffing Jib Capacities

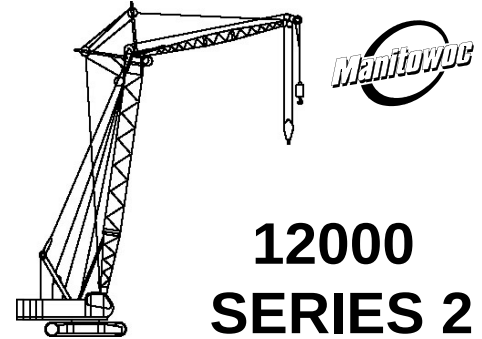
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

140 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle			78 Degree Boom Angle			73 Degree Boom Angle			68 Degree Boom Angle			63 Degree Boom Angle			Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	
120 Ft. Boom																			
50	73.8	262.1	35,500	*															50
55	71.6	260.5	33,900	*															55
60	69.4	258.7	32,200	*															60
65	67.2	256.7	29,300	*															65
70	65.0	254.5	26,000	*															70
75	62.7	252.0	23,100	*	67.5	255.9	21,200												75
80	60.4	249.2	20,700	*	65.2	253.7	20,500												80
85	58.0	246.2	18,700	*	62.9	251.2	18,700												85
90	55.5	242.9	16,800	*	60.6	248.5	17,200												90
95	53.0	239.3	15,200	*	58.2	245.5	15,900	63.1	124.5	13,200									95
100	50.4	235.3	13,900	*	55.8	242.2	14,800	60.8	121.8	13,200									100
105	47.7	230.9	12,600	*	53.2	238.6	13,700	58.4	118.8	12,100									105
110	44.8	226.0	11,500	*	50.6	234.6	12,800	56.0	115.6	11,200									110
115	41.8	220.7	10,400	*	47.9	230.3	11,900	53.4	112.0	10,600	58.5	241.1	7,900						115
120	38.6	214.7	9,500	*	45.1	225.5	11,000	50.8	108.1	9,900	56.0	237.8	7,900						120
125	35.2	207.9	8,600	*	42.1	220.2	10,400	48.1	103.7	9,300	53.5	234.2	7,700						125
130	31.4	200.2	7,900	*	38.9	214.3	9,700	45.3	99.0	8,600	50.9	230.3	7,100						130
135	27.2	191.2	7,100	*	35.5	207.6	9,000	42.3	93.7	7,900	48.2	226.0	6,600	53.5	230.4	4,200			135
140	22.2	180.2	6,400	*	31.8	200.0	8,600	39.2	87.8	7,300	45.4	221.3	6,200	50.8	226.5	4,200			140
145					27.6	191.2	7,900	35.8	81.2	6,800	42.4	216.0	5,700	48.1	222.2	4,200			145
150					22.8	180.4	7,100	*	32.1	73.7	6,400	39.3	210.2	5,300	45.3	217.4	4,000		150
155									28.0	65.0	6,000	35.9	203.6	4,900	42.3	212.1	3,700		155
160									23.2	54.4	5,500	32.2	196.1	4,400	39.2	206.3	3,300		160
165												28.1	187.4	4,000					165
170												23.3	176.8	3,700					170
130 Ft. Boom																			
50	73.9	272.2	32,600	*															50
55	71.8	270.6	30,900	*															55
60	69.6	268.9	28,000	*															60
65	67.4	266.9	25,600	*															65
70	65.2	264.6	23,600	*															70
75	62.9	262.2	21,600	*	68.0	266.3	20,900												75
80	60.5	259.4	19,800	*	65.8	264.2	20,300												80
85	58.2	256.4	18,300	*	63.5	261.8	18,500												85
90	55.7	253.1	17,000	*	61.2	259.1	17,000												90
95	53.2	249.5	15,400	*	58.8	256.2	15,700	64.1	260.3	12,800									95
100	50.6	245.5	13,900	*	56.4	253.0	14,600	61.8	257.7	12,800									100
105	47.8	241.2	12,600	*	53.9	249.4	13,400	59.4	254.8	11,900									105
110	45.0	236.4	11,500	*	51.3	245.6	12,600	57.0	251.7	11,000									110
115	42.0	231.0	10,600	*	48.6	241.3	11,700	54.5	248.3	10,400									115
120	38.8	225.1	9,500	*	45.8	236.6	11,000	51.9	244.5	9,500	57.5	249.3	6,600						120
125	35.4	218.4	8,600	*	42.8	231.5	10,100	49.3	240.3	8,800	55.0	245.9	6,600						125
130	31.7	210.8	7,900	*	39.7	225.7	9,500	46.5	235.7	8,200	52.4	242.2	6,600						130
135	27.5	201.9	7,100	*	36.4	219.2	9,000	43.6	230.7	7,700	49.8	238.1	6,200						135
140	22.6	191.0	6,400	*	32.7	211.9	8,400	40.5	225.1	7,100	47.1	233.6	5,700						140
145					28.7	203.4	7,900	37.2	218.8	6,600	44.2	228.7	5,300						145
150					24.0	193.2	7,300	*	33.7	211.7	6,200	41.1	223.2	4,900					150
155									29.7	203.5	5,700	37.9	217.1	4,400					155
160									25.3	193.8	5,300	34.4	210.2	4,200					160
165												30.6	202.2	3,700					165
170												26.2	192.8	3,500					170



Liftcrane Luffing Jib Capacities

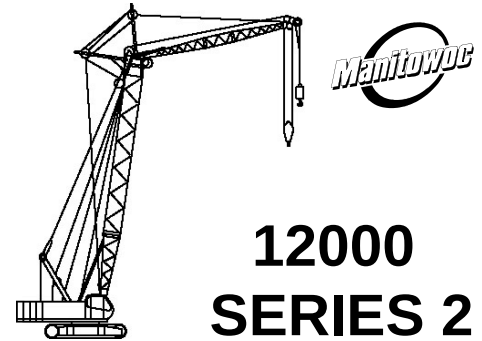
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

140 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
Rad. (ft)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
140 Ft. Boom																								
50	74.1	282.3	28,900	*																	50			
55	71.9	280.8	26,500	*																	55			
60	69.7	279.0	24,000	*																	60			
65	67.5	277.0	21,800	*																	65			
70	65.3	274.8	19,800	*																	70			
75	63.0	272.3	18,300	*	68.5	276.7	20,700														75			
80	60.7	269.6	16,800	*	66.3	274.6	19,800														80			
85	58.3	266.6	15,400	*	64.1	272.3	18,300														85			
90	55.9	263.4	14,300	*	61.7	269.7	16,800														90			
95	53.4	259.8	13,200	*	59.4	266.8	15,400														95			
100	50.7	255.8	12,100	*	57.0	263.7	14,300	62.7	268.6	11,200											100			
105	48.0	251.5	11,200	*	54.5	260.3	13,200	60.4	265.8	11,200											105			
110	45.2	246.7	10,400	*	51.9	256.5	12,300	58.0	262.8	10,800											110			
115	42.2	241.4	9,700	*	49.3	252.3	11,500	55.5	259.5	9,900											115			
120	39.1	235.5	8,800	*	46.5	247.7	10,800	53.0	255.9	9,300	58.9	260.7	6,000								120			
125	35.7	228.9	8,200	*	43.6	242.7	10,100	50.4	251.9	8,400	56.5	257.5	6,000								125			
130	32.0	221.4	7,500	*	40.5	237.1	9,300	47.7	247.5	7,900	53.9	254.0	6,000								130			
135	27.8	212.6	6,800	*	37.2	230.8	8,600	44.8	242.6	7,300	51.4	250.1	5,700								135			
140	23.0	201.9	6,200	*	33.7	223.7	7,900	41.8	237.3	6,800	48.7	245.9	5,300								140			
145					29.7	215.5	7,300	38.6	231.3	6,200	45.9	241.2	4,900								145			
150					25.3	205.8	6,600	35.2	224.6	5,700	42.9	236.1	4,400								150			
155								31.4	216.9	5,300	39.8	230.3	4,000								155			
160								27.2	207.8	5,100	36.5	223.9	3,700								160			
165								22.3	196.8	4,600	32.9	216.6	3,300								165			



Liftcrane Luffing Jib Capacities

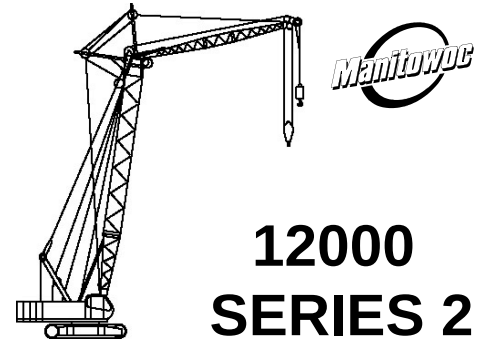
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

150 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	
60 Ft. Boom																								
50	74.0	212.0	41,600	*																				50
55	72.0	210.4	36,400	*																				55
60	70.0	208.7	31,700	*																				60
65	68.0	206.7	28,000	*																				65
70	65.9	204.6	24,900	*	68.1	206.2	25,100																	70
75	63.8	202.2	22,300	*	66.0	204.1	23,400																	75
80	61.6	199.6	20,100	*	63.9	201.7	21,400																	80
85	59.4	196.7	18,100	*	61.7	199.1	19,600		64.0	200.7	18,300													85
90	57.2	193.6	16,300	*	59.5	196.2	18,100		61.8	198.1	17,600													90
95	54.9	190.2	14,800	*	57.3	193.1	16,500		59.6	195.3	16,300													95
100	52.5	186.5	13,400	*	55.0	189.7	15,000	*	57.4	192.2	15,000													100
105	50.0	182.4	12,300	*	52.6	186.0	13,700	*	55.1	188.8	13,900		57.4	190.7	12,600									105
110	47.5	178.0	11,200	*	50.2	182.0	12,600	*	52.7	185.1	13,000		55.1	187.4	12,300									110
115	44.8	173.1	10,100	*	47.6	177.6	11,500	*	50.3	181.1	12,100		52.8	183.7	11,700									115
120	42.0	167.8	9,300	*	45.0	172.8	10,400	*	47.7	176.7	11,200		50.3	179.7	10,800		52.7	181.7	9,500					120
125	39.1	161.9	8,600	*	42.2	167.5	9,500	*	45.1	171.9	10,600		47.8	175.3	10,100		50.3	177.6	9,500					125
130	35.9	155.3	7,700	*	39.2	161.6	8,600	*	42.3	166.6	9,900		45.1	170.5	9,500		47.7	173.3	9,000					130
135	32.5	147.8	7,300	*	36.1	155.0	7,900	*	39.3	160.8	9,300		42.3	165.2	8,800		45.1	168.4	8,400		47.6	170.6	7,100	135
140	28.7	139.3	6,800	*	32.7	147.6	7,300	*	36.2	154.2	8,600	*	39.4	159.3	8,400		42.3	163.2	7,900		44.9	165.8	7,100	140
145	24.4	129.1	6,400	*	28.9	139.1	6,600	*	32.8	146.9	7,700	*	36.3	152.8	7,700		39.4	157.3	7,300		42.2	160.5	6,800	145
150					24.6	129.1	6,000	*	29.1	138.4	7,100	*	32.9	145.5	7,300		36.2	150.8	6,800		39.2	154.6	6,400	150
155									24.8	128.5	6,400	*	29.1	137.1	6,800		32.8	143.4	6,400		36.1	148.1	6,000	155
160													24.9	127.1	6,400		29.1	135.0	6,000		32.6	140.7	5,500	160
165																	24.8	125.1	5,500		28.9	132.2	5,100	165
170																				24.6	122.1	4,900		170
70 Ft. Boom																								
50	74.2	222.1	41,600	*																				50
55	72.2	220.5	36,600	*																				55
60	70.2	218.8	32,000	*																				60
65	68.1	216.9	28,200	*																				65
70	66.0	214.7	24,900	*	68.6	216.6	24,900																	70
75	63.9	212.3	22,300	*	66.5	214.5	23,400																	75
80	61.8	209.7	20,100	*	64.4	212.2	21,400																	80
85	59.6	206.9	18,100	*	62.3	209.7	19,600																	85
90	57.3	203.8	16,300	*	60.1	206.9	18,100		62.7	209.0	16,300													90
95	55.0	200.4	14,800	*	57.8	203.8	16,800		60.6	206.3	15,900													95
100	52.6	196.7	13,400	*	55.6	200.5	15,400		58.3	203.3	14,800													100
105	50.2	192.7	12,300	*	53.2	196.9	14,300		56.0	200.0	13,700		58.7	202.1	12,100									105
110	47.6	188.3	11,200	*	50.8	193.0	13,400		53.7	196.5	12,800		56.5	198.9	12,100									110
115	45.0	183.5	10,100	*	48.2	188.6	12,300	*	51.3	192.6	11,900		54.1	195.4	11,200									115
120	42.2	178.2	9,300	*	45.6	183.9	11,200	*	48.8	188.4	11,000		51.7	191.6	10,400									120
125	39.3	172.3	8,600	*	42.9	178.7	10,100	*	46.2	183.7	10,400		49.3	187.5	9,700		52.1	190.0	8,200					125
130	36.1	165.7	7,700	*	40.0	173.0	9,300	*	43.5	178.7	9,700		46.7	182.9	9,000		49.6	185.9	8,200					130
135	32.7	158.4	7,300	*	36.9	166.6	8,600	*	40.6	173.1	9,000		44.0	177.9	8,600		47.1	181.4	7,900					135
140	29.0	149.9	6,800	*	33.5	159.5	7,700	*	37.5	166.8	8,600		41.1	172.4	7,900		44.4	176.4	7,500		47.4	179.1	6,000	140
145	24.7	139.9	6,400	*	29.9	151.3	7,100	*	34.3	159.8	7,900		38.1	166.3	7,500		41.6	171.0	6,800		44.7	174.3	6,000	145
150					25.7	141.7	6,400	*	30.7	151.9	7,500		34.9	159.5	7,100		38.6	165.0	6,400		41.9	168.9	5,700	150
155					20.8	129.9	5,700	*	26.6	142.6	6,800	*	31.4	151.7	6,600		35.4	158.3	6,000		38.9	163.0	5,500	155
160									22.0	131.4	6,200	*	27.4	142.7	6,200		31.9	150.7	5,500		35.8	156.3	5,100	160
165													22.9	132.0	5,700		28.1	142.0	5,100		32.3	148.8	4,600	165
170																	23.6	131.5	4,900		28.5	140.2	4,200	170
175																				24.2	130.0	4,000		175



Liftcrane Luffing Jib Capacities

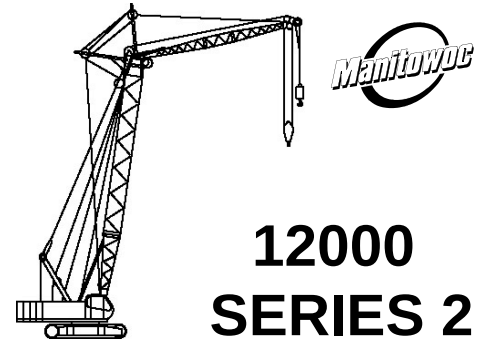
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

150 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)			
80 Ft. Boom																									
50	74.3	232.2	41,600	*																				50	
55	72.3	230.6	36,800	*																				55	
60	70.3	228.9	32,200	*																				60	
65	68.3	227.0	28,400	*																				65	
70	66.2	224.9	25,100	*	69.1	227.0	24,700																	70	
75	64.1	222.5	22,500	*	67.0	225.0	23,100																	75	
80	61.9	219.9	20,100	*	64.9	222.7	21,200																	80	
85	59.7	217.1	18,100	*	62.8	220.2	19,400																	85	
90	57.5	214.0	16,500	*	60.6	217.5	17,900		63.6	219.9	15,900													90	
95	55.2	210.6	15,000	*	58.4	214.5	16,500		61.5	217.2	15,700													95	
100	52.8	207.0	13,700	*	56.1	211.3	15,400		59.3	214.4	14,300													100	
105	50.4	203.0	12,300	*	53.8	207.7	14,300		57.0	211.2	13,400													105	
110	47.8	198.6	11,200	*	51.4	203.9	13,200		54.7	207.8	12,300		57.8	210.4	10,800									110	
115	45.2	193.8	10,400	*	48.9	199.7	12,300		52.3	204.0	11,700		55.5	207.1	10,800									115	
120	42.4	188.5	9,500	*	46.3	195.0	11,500	*	49.8	200.0	10,800		53.2	203.5	10,100									120	
125	39.5	182.7	8,600	*	43.5	190.0	10,400	*	47.3	195.5	10,100		50.7	199.5	9,500		53.9	202.1	7,700					125	
130	36.3	176.2	7,700	*	40.7	184.4	9,500	*	44.6	190.6	9,500		48.2	195.2	8,800		51.5	198.2	7,700					130	
135	33.0	168.9	7,300	*	37.6	178.2	8,800	*	41.8	185.2	8,800		45.6	190.4	8,200		49.0	194.0	7,500					135	
140	29.2	160.5	6,600	*	34.4	171.2	7,900	*	38.8	179.3	8,400		42.8	185.2	7,700		46.4	189.4	6,800					140	
145	25.0	150.6	6,400	*	30.8	163.3	7,300	*	35.7	172.6	7,700		39.9	179.5	7,100		43.7	184.4	6,400		47.1	187.6	4,900		145
150					26.8	154.1	6,600	*	32.2	165.1	7,300		36.8	173.1	6,600		40.8	178.8	6,000		44.4	182.7	4,900		150
155					22.1	142.9	6,000	*	28.4	156.5	6,800		33.5	165.9	6,200		37.8	172.7	5,500		41.6	177.3	4,900		155
160									24.0	146.2	6,400		29.8	157.7	5,700		34.6	165.8	5,100		38.6	171.3	4,400		160
165													25.6	148.1	5,300		31.0	157.9	4,600		35.5	164.6	4,200		165
170													20.7	136.3	5,100		27.0	148.8	4,400		32.0	157.0	3,700		170
175																	22.4	137.8	4,000		28.1	148.3	3,500		175
90 Ft. Boom																									
50	74.5	242.2	40,400	*																				50	
55	72.5	240.7	37,000	*																				55	
60	70.4	239.0	32,400	*																				60	
65	68.4	237.1	28,400	*																				65	
70	66.3	235.0	25,400	*																				70	
75	64.2	232.7	22,700	*	67.5	235.4	22,000																	75	
80	62.1	230.1	20,300	*	65.4	233.2	20,900																	80	
85	59.9	227.3	18,300	*	63.3	230.8	19,200																	85	
90	57.6	224.2	16,500	*	61.2	228.1	17,600																	90	
95	55.3	220.9	15,000	*	58.9	225.2	16,300		62.4	228.1	14,300													95	
100	53.0	217.2	13,700	*	56.7	222.0	15,200		60.2	225.4	14,100													100	
105	50.5	213.3	12,300	*	54.4	218.6	14,100		57.9	222.3	13,000													105	
110	48.0	208.9	11,200	*	52.0	214.8	13,200		55.7	219.0	12,100		59.1	221.8	10,400									110	
115	45.4	204.1	10,400	*	49.5	210.6	12,300		53.3	215.4	11,200		56.9	218.6	10,400									115	
120	42.6	198.9	9,500	*	46.9	206.1	11,500		50.9	211.5	10,600		54.5	215.2	9,700									120	
125	39.7	193.1	8,600	*	44.2	201.2	10,600	*	48.4	207.2	9,900		52.2	211.4	9,000									125	
130	36.6	186.7	7,700	*	41.4	195.7	9,700	*	45.7	202.5	9,300		49.7	207.3	8,400		53.3	210.4	6,400					130	
135	33.2	179.4	7,100	*	38.4	189.7	8,800	*	43.0	197.3	8,600		47.1	202.8	7,700		50.9	206.5	6,400					135	
140	29.5	171.1	6,600	*	35.2	182.9	8,200	*	40.1	191.6	8,200		44.4	197.9	7,300		48.4	202.2	6,400					140	
145	25.3	161.4	6,200	*	31.7	175.3	7,500	*	37.0	185.3	7,500		41.6	192.5	6,800		45.7	197.5	6,000		49.5	200.6	4,200		145
150	20.3	149.3	6,000	*	27.8	166.4	6,800	*	33.7	178.1	7,100		38.6	186.5	6,200		43.0	192.3	5,500		46.9	196.1	4,200		150
155					23.3	155.8	6,200	*	30.0	170.0	6,600		35.5	179.8	5,700		40.1	186.6	5,100		44.2	191.1	4,200		155
160									25.9	160.5	6,200		32.0	172.2	5,500		37.0	180.3	4,600		41.4	185.7	4,000		160
165									21.1	148.8	5,700		28.1	163.5	5,100		33.7	173.2	4,400		38.4	179.6	3,700		165
170													23.7	153.1	4,600		30.0	165.0	4,000		35.1	172.8	3,300		170
175																	25.9	155.5	3,700						175
180																	21.1	143.9	3,300						180



Liftcrane Luffing Jib Capacities

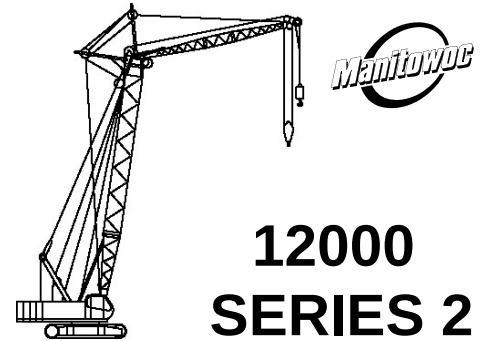
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

150 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle			78 Degree Boom Angle			73 Degree Boom Angle			68 Degree Boom Angle			63 Degree Boom Angle			Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	
100 Ft. Boom																			
55	72.6	250.8	36,400	*															55
60	70.6	249.1	32,600	*															60
65	68.5	247.3	28,700	*															65
70	66.5	245.2	25,600	*															70
75	64.4	242.8	22,700	*	68.0	245.9	21,600												75
80	62.2	240.3	20,300	*	66.0	243.7	20,700												80
85	60.0	237.5	18,300	*	63.8	241.3	19,000												85
90	57.8	234.5	16,500	*	61.7	238.7	17,600												90
95	55.5	231.1	15,000	*	59.5	235.9	16,100	63.3	239.0	13,900									95
100	53.1	227.5	13,700	*	57.2	232.8	15,000	61.1	236.3	13,900									100
105	50.7	223.5	12,300	*	54.9	229.4	13,900	58.9	233.4	12,800									105
110	48.2	219.2	11,200	*	52.6	225.7	13,000	56.6	230.2	11,900									110
115	45.6	214.5	10,400	*	50.1	221.6	12,100	54.3	226.7	11,000	58.2	230.1	8,800						115
120	42.8	209.3	9,500	*	47.5	217.2	11,200	51.9	222.9	10,400	55.9	226.8	8,800						120
125	39.9	203.5	8,600	*	44.9	212.3	10,600	49.4	218.8	9,700	53.6	223.2	8,600						125
130	36.8	197.2	7,700	*	42.1	207.0	9,900	46.8	214.3	9,000	51.1	219.3	7,900						130
135	33.5	190.0	7,100	*	39.1	201.1	9,000	44.1	209.3	8,400	48.6	215.1	7,300	52.7	218.7	5,300			135
140	29.8	181.8	6,600	*	36.0	194.6	8,400	41.3	203.8	7,700	46.0	210.4	6,800	50.3	214.7	5,300			140
145	25.6	172.1	6,200	*	32.6	187.1	7,500	38.3	197.8	7,300	43.3	205.3	6,400	47.7	210.3	5,300			145
150	20.7	160.3	5,700	*	28.8	178.6	6,800	35.1	191.0	6,800	40.4	199.6	6,000	45.1	205.5	5,100			150
155					24.5	168.5	6,200	31.6	183.3	6,400	37.4	193.4	5,500	42.3	200.2	4,600			155
160								27.7	174.4	6,000	34.1	186.3	5,100	39.4	194.4	4,200			160
165								23.2	163.8	5,500	30.4	178.3	4,600	36.2	187.9	3,700			165
170											26.4	169.0	4,400	32.8	180.5	3,500			170
175											21.6	157.6	4,000	29.1	172.1	3,300			175
110 Ft. Boom																			
55	72.7	260.9	34,700	*															55
60	70.7	259.3	31,800	*															60
65	68.7	257.4	28,900	*															65
70	66.6	255.3	25,600	*															70
75	64.5	253.0	22,900	*	68.5	256.3	21,400												75
80	62.4	250.5	20,500	*	66.5	254.2	20,500												80
85	60.2	247.7	18,500	*	64.4	251.9	18,700												85
90	58.0	244.7	16,800	*	62.2	249.3	17,400												90
95	55.7	241.4	15,200	*	60.0	246.5	16,100	64.1	249.8	13,400									95
100	53.3	237.8	13,700	*	57.8	243.5	14,800	62.0	247.3	13,400									100
105	50.9	233.8	12,600	*	55.5	240.1	13,700	59.8	244.4	12,600									105
110	48.4	229.5	11,500	*	53.1	236.5	12,800	57.6	241.4	11,500									110
115	45.7	224.8	10,400	*	50.7	232.6	11,900	55.3	238.0	10,800									115
120	43.0	219.7	9,500	*	48.2	228.2	11,000	52.9	234.3	9,900	57.3	238.3	7,500						120
125	40.1	214.0	8,600	*	45.5	223.5	10,400	50.5	230.3	9,300	54.9	234.9	7,500						125
130	37.0	207.6	7,900	*	42.8	218.3	9,700	47.9	226.0	8,800	52.6	231.2	7,500						130
135	33.7	200.5	7,100	*	39.9	212.6	9,000	45.3	221.2	8,200	50.1	227.2	6,800	54.5	230.8	4,600			135
140	30.0	192.4	6,600	*	36.8	206.2	8,400	42.5	216.0	7,500	47.6	222.7	6,400	52.1	227.0	4,600			140
145	25.9	182.8	6,200	*	33.4	199.0	7,700	39.6	210.2	7,100	44.9	217.9	6,000	49.6	222.9	4,600			145
150	21.1	171.2	5,700	*	29.8	190.7	7,100	36.5	203.7	6,600	42.1	212.6	5,500	47.1	218.4	4,400			150
155					25.6	181.1	6,400	33.1	196.4	6,200	39.2	206.7	5,100	44.4	213.5	4,200			155
160					20.7	169.2	5,700	29.4	188.1	5,700	36.0	200.1	4,600	41.6	208.1	3,700			160
165								25.2	178.2	5,300	32.6	192.7	4,400	38.6	202.1	3,300			165
170								20.1	166.1	4,900	28.8	184.2	4,000						170
175											24.5	174.1	3,700						175



Liftcrane Luffing Jib Capacities

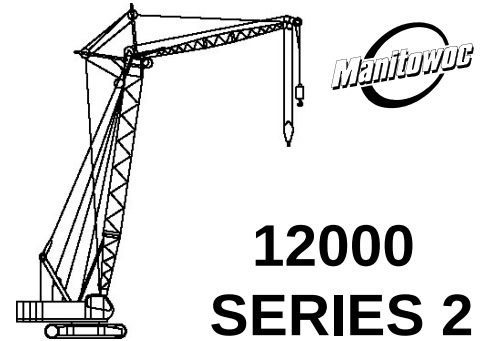
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

150 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib	Load			
Rad.	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Rad.		
(ft)	(deg)	Elev. (ft)	(lbs)	(deg)	Elev. (ft)	(lbs)	(deg)	Elev. (ft)	(lbs)	(deg)	Elev. (ft)	(lbs)	(deg)	Elev. (ft)	(lbs)	(deg)	Elev. (ft)	(lbs)	(deg)	Elev. (ft)	(lbs)	(ft)		
120 Ft. Boom																								
55	72.9	271.0	32,000	*																		55		
60	70.9	269.4	30,600	*																		60		
65	68.8	267.5	29,100	*																		65		
70	66.8	265.4	25,800	*																		70		
75	64.7	263.2	22,900	*	69.0	266.7	21,200															75		
80	62.5	260.6	20,700	*	67.0	264.6	20,300															80		
85	60.3	257.9	18,500	*	64.9	262.4	18,500															85		
90	58.1	254.9	16,800	*	62.7	259.9	17,200															90		
95	55.8	251.6	15,200	*	60.6	257.2	15,900															95		
100	53.5	248.0	13,700	*	58.3	254.2	14,600	62.9	258.1	11,900												100		
105	51.1	244.1	12,600	*	56.1	250.9	13,400	60.7	255.4	11,900												105		
110	48.5	239.8	11,500	*	53.7	247.4	12,600	58.5	252.5	11,200												110		
115	45.9	235.2	10,400	*	51.3	243.5	11,700	56.2	249.2	10,400												115		
120	43.2	230.0	9,500	*	48.8	239.2	11,000	53.9	245.7	9,700	58.6	249.7	7,100									120		
125	40.3	224.4	8,600	*	46.2	234.6	10,100	51.5	241.8	9,000	56.3	246.5	7,100									125		
130	37.2	218.1	7,900	*	43.5	229.5	9,500	49.0	237.6	8,400	54.0	243.0	7,100									130		
135	33.9	211.0	7,100	*	40.6	223.9	9,000	46.4	233.0	7,700	51.6	239.1	6,400									135		
140	30.3	203.0	6,400	*	37.6	217.7	8,400	43.7	228.0	7,300	49.1	234.9	6,000									140		
145	26.2	193.6	5,700	*	34.3	210.7	7,900	40.8	222.4	6,600	46.5	230.3	5,500									145		
150	21.5	182.1	5,100	*	30.7	202.8	7,100	37.8	216.3	6,200	43.8	225.3	5,100									150		
155					26.7	193.5	6,400	34.5	209.3	5,700	40.9	219.8	4,600									155		
160					22.0	182.3	6,000	31.0	201.5	5,300	37.9	213.6	4,200									160		
165								27.0	192.3	5,100	34.6	206.7	4,000									165		
170								22.4	181.3	4,600	31.1	198.9	3,500									170		
175											27.1	189.8	3,300									175		
130 Ft. Boom																								
55	73.0	281.2	29,000	*																		55		
60	71.0	279.5	27,000	*																		60		
65	69.0	277.7	25,100	*																		65		
70	66.9	275.6	23,100	*																		70		
75	64.8	273.3	21,200	*																		75		
80	62.7	270.8	19,600	*	67.5	275.1	19,000															80		
85	60.5	268.1	18,100	*	65.4	272.9	18,300															85		
90	58.3	265.1	16,800	*	63.3	270.4	17,000															90		
95	56.0	261.8	15,200	*	61.1	267.8	15,700															95		
100	53.6	258.3	13,900	*	58.9	264.8	14,300	63.8	269.0	11,700												100		
105	51.2	254.4	12,600	*	56.6	261.7	13,400	61.6	266.4	11,700												105		
110	48.7	250.1	11,500	*	54.3	258.2	12,300	59.4	263.5	11,000												110		
115	46.1	245.5	10,400	*	51.9	254.4	11,700	57.2	260.4	10,100												115		
120	43.4	240.4	9,500	*	49.4	250.2	10,800	54.9	257.0	9,500												120		
125	40.5	234.8	8,600	*	46.8	245.7	10,100	52.5	253.3	8,600	57.6	258.0	5,700									125		
130	37.5	228.5	7,900	*	44.2	240.7	9,500	50.0	249.2	8,200	55.3	254.6	5,700									130		
135	34.2	221.5	7,100	*	41.3	235.3	8,800	47.5	244.8	7,500	53.0	251.0	5,700									135		
140	30.6	213.6	6,200	*	38.3	229.2	8,400	44.8	239.9	6,800	50.5	247.0	5,500									140		
145	26.5	204.3	5,100	*	35.1	222.4	7,700	42.0	234.6	6,400	48.0	242.6	5,100									145		
150	21.8	193.0	4,000	*	31.6	214.8	7,300	39.1	228.7	6,000	45.4	237.9	4,600									150		
155					27.7	205.9	6,600	35.9	222.1	5,500	42.6	232.6	4,200									155		
160					23.2	195.2	5,500	32.5	214.7	5,100	39.7	226.9	4,000									160		
165								28.7	206.1	4,600	36.6	220.4	3,500									165		
170								24.4	196.0	4,400	33.2	213.2	3,300									170		



Liftcrane Luffing Jib Capacities

75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

150 Ft. JIB

Load	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load
	Jib Angle (deg)	Jib Point Elev. (ft)		Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)		Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)		Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)		Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)		Rated Load (lbs)	Jib Angle (deg)	Jib Point Elev. (ft)		Rated Load (lbs)	
Rad. (ft)	Angle (deg)	Point Elev. (ft)		Rated Load (lbs)	Angle (deg)	Point Elev. (ft)		Rated Load (lbs)	Angle (deg)	Point Elev. (ft)		Rated Load (lbs)	Angle (deg)	Point Elev. (ft)		Rated Load (lbs)	Angle (deg)	Point Elev. (ft)		Rated Load (lbs)	Angle (deg)	Point Elev. (ft)		Rated Load (lbs)	Rad. (ft)
140 Ft. Boom																									
55	73.2	291.3	25,600	*																					55
60	71.2	289.6	23,400	*																					60
65	69.1	287.8	21,400	*																					65
70	67.1	285.7	19,400	*																					70
75	65.0	283.5	17,900	*																					75
80	62.8	281.0	16,300	*	68.0	285.5	18,500	*																	80
85	60.7	278.3	15,000	*	65.9	283.4	17,900	*																	85
90	58.4	275.3	13,900	*	63.8	281.0	16,300	*																	90
95	56.2	272.1	12,800	*	61.6	278.4	15,200	*																	95
100	53.8	268.5	11,900	*	59.4	275.5	14,100	*																	100
105	51.4	264.7	11,000	*	57.2	272.4	13,000	*	62.5	277.3	10,100														105
110	48.9	260.4	10,100	*	54.9	269.0	12,100	*	60.4	274.5	10,100														110
115	46.3	255.8	9,300	*	52.5	265.3	11,200	*	58.1	271.5	9,700														115
120	43.6	250.8	8,600	*	50.0	261.2	10,600	*	55.8	268.2	9,000														120
125	40.7	245.2	7,900	*	47.5	256.8	9,700	*	53.5	264.6	8,400		59.0	269.4	5,300										125
130	37.7	239.0	7,100	*	44.8	251.9	9,000	*	51.1	260.7	7,700		56.7	266.2	5,300										130
135	34.4	232.0	6,000	*	42.0	246.6	8,400	*	48.6	256.4	7,100		54.4	262.7	5,300										135
140	30.8	224.1	4,900	*	39.1	240.7	7,700	*	45.9	251.8	6,600		52.0	258.9	5,100										140
145	26.8	215.0	3,700	*	35.9	234.1	7,300	*	43.2	246.6	6,200		49.5	254.8	4,600										145
150					32.5	226.6	6,600	*	40.3	241.0	5,700		46.9	250.3	4,200										150
155					28.7	218.1	5,500	*	37.3	234.7	5,300		44.2	245.3	3,700										155
160					24.4	207.9	4,400	*	33.9	227.6	4,900		41.4	239.9	3,500										160
165									30.3	219.6	4,400														165
170									26.3	210.2	4,200														170
175									21.5	198.7	3,700														175

Liftcrane Luffing Jib Capacities

75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

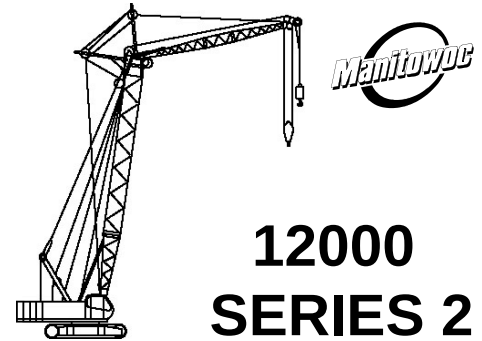
Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



**12000
SERIES 2**

160 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)	
60 Ft. Boom																								
55	73.2	220.9	33,700	*																				55
60	71.3	219.3	31,100	*																				60
65	69.4	217.5	27,600	*																				65
70	67.5	215.5	24,500	*																				70
75	65.5	213.3	21,800	*	67.6	215.0	22,500																	75
80	63.5	210.9	19,600	*	65.6	212.8	21,400																	80
85	61.5	208.2	17,600	*	63.7	210.4	19,600																	85
90	59.5	205.4	15,900	*	61.6	207.8	18,100		63.7	209.4	16,300													90
95	57.3	202.3	14,600	*	59.6	204.9	16,500		61.7	206.8	15,900													95
100	55.2	198.9	13,200	*	57.5	201.8	15,400		59.7	204.0	14,800													100
105	53.0	195.2	11,900	*	55.3	198.5	14,100	*	57.6	200.9	13,700													105
110	50.7	191.3	10,800	*	53.1	194.8	12,800	*	55.4	197.5	12,800		57.6	199.4	11,200									110
115	48.3	186.9	9,900	*	50.8	190.9	11,700	*	53.2	193.9	11,900		55.4	196.1	11,200									115
120	45.9	182.2	9,000	*	48.5	186.6	10,600	*	50.9	190.0	11,000		53.2	192.4	10,600									120
125	43.3	177.1	8,200	*	46.0	181.9	9,700	*	48.5	185.7	10,400		50.9	188.5	9,700		53.2	190.4	8,400					125
130	40.6	171.5	7,500	*	43.4	176.8	8,800	*	46.1	181.0	9,700		48.6	184.2	9,000		50.9	186.5	8,400					130
135	37.8	165.3	6,800	*	40.8	171.2	8,200	*	43.6	175.9	9,000		46.1	179.6	8,600		48.6	182.2	7,900					135
140	34.7	158.4	6,400	*	37.9	165.1	7,300	*	40.9	170.4	8,200	*	43.6	174.5	7,900		46.1	177.6	7,500		48.4	179.6	6,000	140
145	31.4	150.7	6,000	*	34.9	158.2	6,600	*	38.0	164.2	7,500	*	40.9	169.0	7,500		43.6	172.5	6,800		46.0	174.9	6,000	145
150	27.7	141.7	5,700	*	31.6	150.5	6,200	*	35.0	157.4	6,800	*	38.1	162.8	6,800		40.9	166.9	6,400		43.4	169.8	6,000	150
155	23.6	131.2	4,400	*	28.0	141.7	5,500	*	31.7	149.8	6,200	*	35.1	156.0	6,400		38.1	160.8	6,000		40.7	164.2	5,500	155
160					23.8	131.2	4,900	*	28.1	141.0	5,700	*	31.8	148.4	6,000		35.0	154.0	5,500		37.9	158.1	5,100	160
165									24.0	130.6	5,100	*	28.2	139.6	5,500		31.7	146.3	5,100		34.9	151.2	4,600	165
170													24.1	129.3	5,300		28.1	137.5	4,900		31.6	143.5	4,400	170
175																	24.0	127.2	4,400		27.9	134.7	4,000	175
180																					23.8	124.2	3,700	180
70 Ft. Boom																								
55	73.3	231.0	33,700	*																				55
60	71.5	229.4	31,300	*																				60
65	69.6	227.6	27,800	*																				65
70	67.6	225.6	24,700	*																				70
75	65.7	223.4	22,000	*	68.1	225.4	22,300																	75
80	63.7	221.0	19,600	*	66.1	223.3	21,200																	80
85	61.7	218.4	17,600	*	64.1	220.9	19,400																	85
90	59.6	215.6	16,100	*	62.1	218.3	17,900																	90
95	57.5	212.5	14,600	*	60.1	215.6	16,500		62.6	217.7	14,600													95
100	55.3	209.1	13,200	*	58.0	212.5	15,200		60.5	214.9	14,300													100
105	53.1	205.5	11,900	*	55.8	209.2	14,100		58.4	212.0	13,400													105
110	50.8	201.5	10,800	*	53.6	205.7	13,000	*	56.3	208.7	12,300		58.8	210.8	10,800									110
115	48.5	197.2	9,900	*	51.4	201.8	11,900	*	54.1	205.2	11,500		56.7	207.6	10,800									115
120	46.0	192.6	9,000	*	49.0	197.6	10,800	*	51.9	201.4	10,800		54.5	204.2	10,100									120
125	43.5	187.5	8,200	*	46.6	193.0	9,900	*	49.5	197.3	10,100		52.3	200.4	9,500									125
130	40.8	181.9	7,500	*	44.1	188.0	9,000	*	47.1	192.8	9,500		50.0	196.3	8,800		52.6	198.7	7,100					130
135	38.0	175.8	6,800	*	41.4	182.6	8,200	*	44.6	187.9	8,800		47.6	191.9	8,200		50.3	194.7	7,100					135
140	34.9	168.9	6,400	*	38.6	176.5	7,500	*	42.0	182.5	8,200		45.1	187.1	7,500		48.0	190.4	7,100					140
145	31.6	161.2	6,000	*	35.6	169.9	6,800	*	39.2	176.7	7,700		42.5	181.8	7,100		45.5	185.6	6,400		48.2	188.1	4,900	145
150	28.0	152.4	5,500	*	32.4	162.4	6,200	*	36.3	170.1	7,100	*	39.8	176.1	6,600		42.9	180.4	6,000		45.8	183.4	4,900	150
155	23.9	142.0	4,400	*	28.9	153.9	5,700	*	33.1	162.8	6,400	*	36.9	169.7	6,200		40.2	174.7	5,500		43.2	178.3	4,900	155
160					24.9	143.9	5,100	*	29.7	154.6	6,000	*	33.7	162.5	5,700		37.3	168.4	5,100		40.5	172.6	4,600	160
165					20.1	131.6	4,600	*	25.8	144.9	5,300	*	30.3	154.5	5,300		34.2	161.4	4,600		37.6	166.4	4,200	165
170									21.2	133.3	4,900	*	26.5	145.1	4,900		30.9	153.5	4,400		34.6	159.5	4,000	170
175													22.2	133.9	4,600		27.2	144.4	4,000		31.3	151.7	3,500	175
180																	22.9	133.5	3,700		27.6	142.7	3,300	180



Liftcrane Luffing Jib Capacities

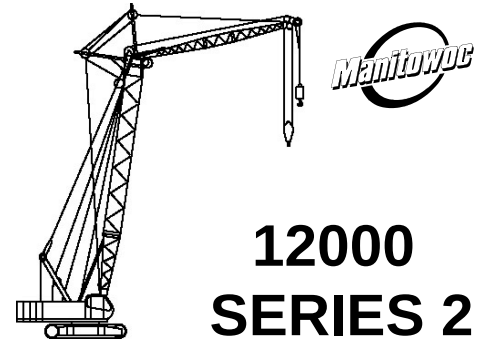
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

160 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)	
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)		Rated Load (lbs)
80 Ft. Boom																									
55	73.5	241.1	34,000	*																				55	
60	71.6	239.5	31,300	*																				60	
65	69.7	237.7	28,000	*																				65	
70	67.8	235.7	24,700	*																				70	
75	65.8	233.6	22,000	*	68.5	235.8	21,800																	75	
80	63.8	231.2	19,800	*	66.6	233.7	20,900																	80	
85	61.8	228.6	17,900	*	64.6	231.4	19,200																	85	
90	59.7	225.8	16,100	*	62.6	228.9	17,600																	90	
95	57.6	222.7	14,600	*	60.6	226.2	16,300		63.4	228.5	14,300													95	
100	55.5	219.4	13,200	*	58.5	223.2	15,000		61.4	225.9	14,100													100	
105	53.3	215.7	11,900	*	56.4	220.0	13,900		59.3	223.0	13,000													105	
110	51.0	211.8	11,000	*	54.2	216.5	13,000		57.2	219.9	12,100													110	
115	48.7	207.6	9,900	*	51.9	212.7	12,100		55.0	216.5	11,200		58.0	219.1	9,500									115	
120	46.2	202.9	9,000	*	49.6	208.6	11,000	*	52.8	212.8	10,600		55.8	215.8	9,500									120	
125	43.7	197.9	8,200	*	47.2	204.1	10,100	*	50.5	208.8	9,700		53.6	212.2	9,000									125	
130	41.0	192.3	7,500	*	44.7	199.2	9,300	*	48.1	204.5	9,300		51.3	208.3	8,400		54.3	210.8	6,400					130	
135	38.2	186.2	6,800	*	42.1	193.9	8,400	*	45.7	199.8	8,600		49.0	204.1	7,700		52.1	207.0	6,400					135	
140	35.1	179.4	6,400	*	39.3	188.0	7,700	*	43.1	194.6	7,900		46.6	199.5	7,300		49.7	202.9	6,400					140	
145	31.9	171.8	6,000	*	36.4	181.5	7,100	*	40.4	189.0	7,500		44.0	194.5	6,600		47.3	198.5	6,000					145	
150	28.3	163.1	5,500	*	33.2	174.2	6,400	*	37.5	182.7	6,800		41.4	189.1	6,200		44.9	193.6	5,500		48.0	196.6	3,700		150
155	24.2	152.8	4,400	*	29.8	166.0	5,700	*	34.5	175.8	6,400		38.6	183.0	5,700		42.2	188.3	5,100		45.5	191.9	3,700		155
160				*	25.9	156.4	5,100	*	31.1	167.9	6,000		35.6	176.4	5,300		39.5	182.5	4,600		42.9	186.7	3,700		160
165				*	21.4	144.8	4,600	*	27.5	158.9	5,500		32.4	168.9	4,900		36.6	176.0	4,200		40.2	181.0	3,700		165
170				*				*	23.2	148.2	5,100	*	28.8	160.3	4,600		33.4	168.8	4,000		37.4	174.7	3,300		170
175				*				*				*	24.8	150.3	4,200		30.0	160.6	3,500						175
180				*				*				*	20.1	138.0	4,000		26.1	151.1	3,300						180
90 Ft. Boom																									
55	73.6	251.2	34,200	*																				55	
60	71.7	249.6	31,500	*																				60	
65	69.8	247.8	28,200	*																				65	
70	67.9	245.9	24,900	*																				70	
75	65.9	243.7	22,300	*	69.0	246.2	21,600																	75	
80	64.0	241.4	19,800	*	67.1	244.2	20,700																	80	
85	61.9	238.8	17,900	*	65.1	241.9	19,000																	85	
90	59.9	236.0	16,100	*	63.1	239.5	17,400																	90	
95	57.8	232.9	14,600	*	61.1	236.8	16,100		64.2	239.4	13,900													95	
100	55.6	229.6	13,200	*	59.0	233.9	14,800		62.2	236.8	13,900													100	
105	53.4	226.0	12,100	*	56.9	230.7	13,900		60.2	234.0	12,800													105	
110	51.2	222.1	11,000	*	54.7	227.3	12,800		58.1	231.0	11,900													110	
115	48.8	217.9	9,900	*	52.5	223.6	11,900		55.9	227.7	11,000		59.2	230.4	8,800									115	
120	46.4	213.2	9,000	*	50.2	219.5	11,200		53.7	224.2	10,100		57.1	227.3	8,800									120	
125	43.8	208.2	8,200	*	47.8	215.1	10,400		51.5	220.3	9,500		54.9	223.9	8,600									125	
130	41.2	202.7	7,500	*	45.3	210.4	9,500	*	49.1	216.1	8,800		52.7	220.2	7,900									130	
135	38.4	196.6	6,800	*	42.7	205.1	8,600	*	46.7	211.6	8,400		50.4	216.2	7,300		53.8	219.2	5,300					135	
140	35.4	189.9	6,400	*	40.0	199.4	7,900	*	44.2	206.6	7,700		48.0	211.8	6,800		51.5	215.3	5,300					140	
145	32.1	182.3	6,000	*	37.1	193.1	7,100	*	41.5	201.2	7,300		45.5	207.1	6,400		49.2	211.1	5,300					145	
150	28.5	173.7	5,500	*	34.0	186.0	6,400	*	38.8	195.2	6,600		43.0	201.9	6,000		46.7	206.6	5,100					150	
155	24.5	163.6	4,200	*	30.7	178.0	6,000	*	35.8	188.5	6,200		40.2	196.2	5,500		44.2	201.6	4,600					155	
160				*	26.9	168.8	5,300	*	32.6	181.1	5,700		37.4	189.9	5,100		41.6	196.2	4,200					160	
165				*	22.6	157.8	4,900	*	29.0	172.6	5,300		34.3	182.9	4,600		38.8	190.2	4,000					165	
170				*				*	25.1	162.7	5,100		30.9	175.0	4,200		35.8	183.6	3,500					170	
175				*				*	20.4	150.6	4,600		27.2	165.9	4,000		32.6	176.1	3,300					175	
180				*				*					23.0	155.1	3,500									180	



Liftcrane Luffing Jib Capacities

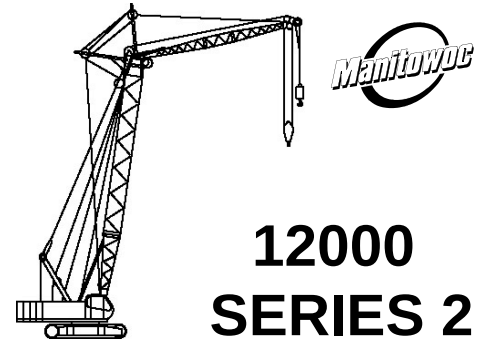
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

160 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. Angle (ft)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	Rad. Angle (ft)	Rad. Angle (lbs)	Rad. Angle (deg)	
100 Ft. Boom																								
55	73.7	261.3	34,000	*																				55
60	71.8	259.7	31,700	*																				60
65	70.0	258.0	28,400	*																				65
70	68.0	256.0	25,100	*																				70
75	66.1	253.9	22,300	*	69.5	256.6	21,400																	75
80	64.1	251.5	20,100	*	67.5	254.6	20,500																	80
85	62.1	249.0	18,100	*	65.6	252.4	18,700																	85
90	60.0	246.2	16,300	*	63.6	250.0	17,200																	90
95	57.9	243.1	14,800	*	61.6	247.4	15,900																	95
100	55.8	239.8	13,200	*	59.5	244.5	14,800		63.1	247.7	12,300													100
105	53.6	236.2	12,100	*	57.4	241.4	13,700		61.0	245.0	12,300													105
110	51.3	232.4	11,000	*	55.3	238.1	12,600		59.0	242.1	11,500													110
115	49.0	228.2	9,900	*	53.0	234.4	11,700		56.8	238.9	10,800													115
120	46.6	223.6	9,000	*	50.8	230.5	11,000		54.7	235.5	9,900		58.3	238.7	7,500									120
125	44.0	218.6	8,200	*	48.4	226.2	10,100		52.4	231.7	9,300		56.2	235.5	7,500									125
130	41.4	213.1	7,500	*	45.9	221.5	9,500		50.1	227.7	8,600		54.0	232.0	7,500									130
135	38.6	207.1	6,800	*	43.4	216.4	8,800	*	47.7	223.3	7,900		51.7	228.1	6,800									135
140	35.6	200.4	6,400	*	40.7	210.8	7,900	*	45.3	218.5	7,500		49.4	224.0	6,400		53.2	227.5	4,200					140
145	32.4	192.9	6,000	*	37.8	204.6	7,300	*	42.7	213.3	6,800		47.0	219.5	6,000		50.9	223.6	4,200					145
150	28.8	184.3	5,500	*	34.8	197.7	6,600	*	39.9	207.5	6,400		44.5	214.5	5,500		48.6	219.3	4,200					150
155					31.5	190.0	6,000	*	37.0	201.2	6,000		41.8	209.2	5,100		46.1	214.6	4,200					155
160					27.9	181.1	5,500	*	33.9	194.1	5,500		39.1	203.2	4,600		43.6	209.6	3,700					160
165					23.7	170.6	4,900	*	30.6	186.1	5,100		36.1	196.7	4,200		40.9	204.0	3,300					165
170									26.8	176.8	4,600		32.9	189.3	4,000									170
175									22.4	165.8	4,400		29.4	181.0	3,500									175
180													25.5	171.3	3,300									180
110 Ft. Boom																								
55	73.9	271.4	31,600	*																				55
60	72.0	269.8	30,100	*																				60
65	70.1	268.1	28,700	*																				65
70	68.2	266.2	25,400	*																				70
75	66.2	264.0	22,500	*																				75
80	64.2	261.7	20,100	*	68.0	265.0	19,000																	80
85	62.2	259.1	18,100	*	66.1	262.9	18,500																	85
90	60.2	256.4	16,300	*	64.1	260.5	17,000																	90
95	58.1	253.3	14,800	*	62.1	258.0	15,700																	95
100	55.9	250.1	13,400	*	60.0	255.2	14,600		63.9	258.5	11,900													100
105	53.8	246.5	12,100	*	57.9	252.1	13,400		61.9	255.9	11,900													105
110	51.5	242.6	11,000	*	55.8	248.8	12,600		59.8	253.1	11,200													110
115	49.2	238.5	9,900	*	53.6	245.3	11,700		57.7	250.0	10,400													115
120	46.7	233.9	9,000	*	51.3	241.4	10,800		55.6	246.7	9,700													120
125	44.2	228.9	8,400	*	49.0	237.2	10,100		53.4	243.1	9,000		57.4	247.0	6,400									125
130	41.6	223.5	7,500	*	46.5	232.6	9,500		51.1	239.2	8,400		55.3	243.6	6,400									130
135	38.8	217.5	6,800	*	44.0	227.6	8,800		48.7	234.9	7,700		53.1	240.0	6,400									135
140	35.8	210.9	6,200	*	41.4	222.1	8,200		46.3	230.3	7,100		50.8	236.0	6,000									140
145	32.6	203.4	4,900	*	38.6	216.1	7,500	*	43.8	225.3	6,600		48.4	231.7	5,500									145
150	29.1	195.0	3,300	*	35.6	209.4	6,800	*	41.1	219.7	6,200		46.0	227.0	5,100									150
155					32.3	201.9	6,200	*	38.3	213.7	5,700		43.4	221.9	4,600									155
160					28.8	193.3	5,500	*	35.3	206.9	5,300		40.7	216.3	4,200									160
165					24.8	183.3	4,000	*	32.0	199.3	4,900		37.9	210.2	4,000									165
170									28.4	190.6	4,400		34.8	203.3	3,500									170
175									24.3	180.4	4,200		31.5	195.6	3,300									175



Liftcrane Luffing Jib Capacities

75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

160 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.		Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle



Liftcrane Luffing Jib Capacities

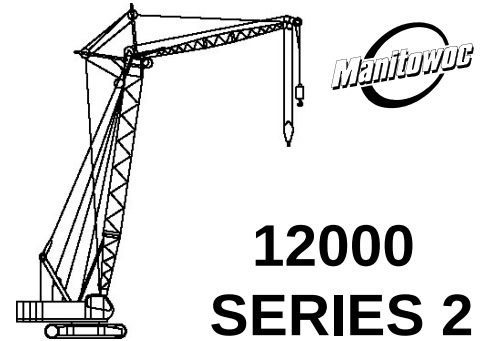
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

160 Ft. JIB

Load Rad. (ft)	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
	Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
140 Ft. Boom																									
55	74.2	301.7	24,000	*																		55			
60	72.4	300.2	22,500	*																		60			
65	70.5	298.5	20,500	*																		65			
70	68.6	296.6	18,700	*																		70			
75	66.6	294.5	17,200	*																		75			
80	64.7	292.2	15,900	*	69.4	296.3	17,900	*														80			
85	62.7	289.7	14,600	*	67.5	294.3	17,000	*														85			
90	60.6	286.9	13,400	*	65.5	292.1	15,700	*														90			
95	58.5	284.0	12,300	*	63.6	289.7	14,600	*														95			
100	56.4	280.7	11,500	*	61.5	287.0	13,400	*														100			
105	54.2	277.3	10,600	*	59.5	284.2	12,300	*	64.4	288.5	9,500											105			
110	52.0	273.5	9,900	*	57.4	281.1	11,500	*	62.4	285.9	9,500											110			
115	49.7	269.3	9,000	*	55.2	277.7	10,600	*	60.3	283.2	9,300											115			
120	47.2	264.9	8,200	*	53.0	274.0	9,900	*	58.2	280.2	8,600											120			
125	44.7	260.0	6,600	*	50.7	270.1	9,000	*	56.1	276.9	7,900											125			
130	42.1	254.7	5,300	*	48.3	265.8	8,400	*	53.9	273.4	7,300	59.0	278.0	4,200								130			
135	39.4	248.8	4,000	*	45.9	261.1	7,900	*	51.7	269.5	6,600	56.9	274.9	4,200								135			
140					43.3	255.9	7,300	*	49.3	265.4	6,200	54.7	271.4	4,200								140			
145					40.6	250.3	6,600	*	46.9	260.8	5,700	52.5	267.7	4,200								145			
150					37.8	244.1	5,300	*	44.4	255.9	5,300	50.2	263.7	3,700								150			
155					34.7	237.2	4,000	*	41.8	250.5	4,900											155			
160									39.0	244.6	4,400											160			
165									36.0	238.0	4,000											165			
170									32.8	230.6	3,700											170			
175									29.3	222.2	3,300											175			



Liftcrane Luffing Jib Capacities

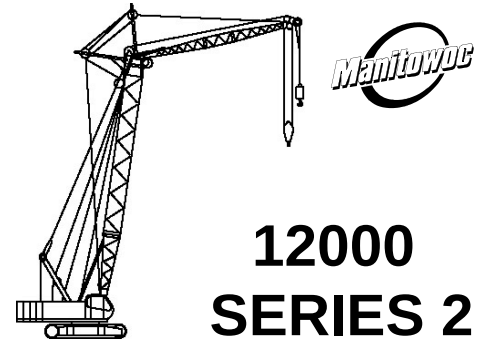
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

170 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Load		
Rad.	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Angle	Point	Rated Load	Rad.		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(ft)		
60 Ft. Boom																								
55	74.2	231.3	30,000	*																		55		
60	72.5	229.8	27,600	*																		60		
65	70.7	228.1	25,600	*																		65		
70	68.9	226.3	23,800	*																		70		
75	67.1	224.2	21,600	*	69.0	225.7	22,300															75		
80	65.2	222.0	19,400	*	67.2	223.7	20,700															80		
85	63.3	219.5	17,400	*	65.3	221.5	19,400															85		
90	61.4	216.9	15,700	*	63.4	219.1	17,900															90		
95	59.5	214.0	14,100	*	61.5	216.4	16,300		63.5	218.1	14,800											95		
100	57.5	210.9	12,800	*	59.6	213.6	15,200		61.6	215.5	14,600											100		
105	55.5	207.6	11,700	*	57.6	210.5	13,900	*	59.7	212.6	13,400											105		
110	53.4	204.0	10,600	*	55.6	207.2	12,600	*	57.7	209.5	12,300											110		
115	51.3	200.1	9,700	*	53.5	203.6	11,500	*	55.7	206.2	11,500		57.7	208.1	10,100							115		
120	49.1	195.9	8,800	*	51.4	199.7	10,400	*	53.6	202.6	10,800		55.7	204.8	10,100							120		
125	46.8	191.3	7,900	*	49.2	195.5	9,500	*	51.5	198.8	10,100		53.6	201.2	9,500							125		
130	44.4	186.4	7,300	*	46.9	191.0	8,600	*	49.3	194.6	9,500		51.5	197.3	8,800		53.6	199.2	7,300			130		
135	41.9	181.0	6,600	*	44.5	186.0	7,900	*	47.0	190.1	8,800		49.3	193.2	8,400		51.5	195.3	7,300			135		
140	39.3	175.1	6,200	*	42.1	180.7	7,100	*	44.6	185.2	7,900	*	47.0	188.6	7,700		49.3	191.1	7,100			140		
145	36.6	168.6	5,700	*	39.5	174.8	6,400	*	42.2	179.8	7,300	*	44.7	183.7	7,100		47.0	186.6	6,600		49.2	188.5	5,100	145
150	33.6	161.5	4,900	*	36.7	168.4	6,000	*	39.6	174.0	6,600	*	42.2	178.4	6,600		44.7	181.7	6,200		46.9	184.0	5,100	150
155	30.4	153.4	4,200	*	33.8	161.3	5,300	*	36.9	167.6	6,000	*	39.6	172.6	6,200		42.2	176.4	5,700		44.5	179.1	5,100	155
160	26.9	144.1	3,100	*	30.6	153.3	4,900	*	33.9	160.5	5,500	*	36.9	166.2	5,700		39.6	170.6	5,300		42.1	173.7	4,900	160
165	22.8	133.2	2,200	*	27.1	144.1	4,200	*	30.8	152.5	4,900	*	34.0	159.1	5,300		36.9	164.2	4,900		39.5	167.9	4,400	165
170					23.1	133.3	3,700	*	27.2	143.4	4,400	*	30.8	151.2	4,900		33.9	157.1	4,400		36.7	161.4	4,000	170
175									23.3	132.7	4,000	*	27.3	142.1	4,600		30.8	149.1	4,200		33.8	154.3	3,700	175
180													23.3	131.4	4,000	*	27.3	140.0	3,700		30.6	146.3	3,300	180
185																	23.3	129.3	3,500					185



Liftcrane Luffing Jib Capacities

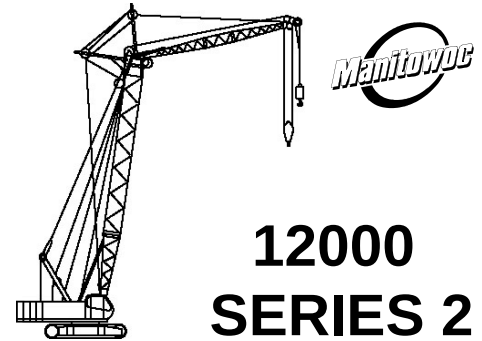
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

170 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
Rad. (ft)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)	Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)			
70 Ft. Boom																								
55	74.3	241.4	30,000	*																	55			
60	72.6	239.9	27,800	*																	60			
65	70.8	238.2	25,800	*																	65			
70	69.0	236.4	23,800	*																	70			
75	67.2	234.4	21,600	*	69.4	236.1	21,800														75			
80	65.3	232.1	19,400	*	67.6	234.1	20,900														80			
85	63.5	229.7	17,400	*	65.8	232.0	19,200														85			
90	61.6	227.1	15,700	*	63.9	229.6	17,600														90			
95	59.6	224.2	14,300	*	62.0	227.0	16,100	64.3	228.9	14,300											95			
100	57.6	221.1	13,000	*	60.1	224.2	15,000	62.4	226.4	14,100											100			
105	55.6	217.8	11,700	*	58.1	221.2	13,900	60.5	223.6	13,000											105			
110	53.5	214.2	10,600	*	56.1	217.9	12,800	58.5	220.6	12,100											110			
115	51.4	210.4	9,700	*	54.0	214.4	11,700	56.5	217.4	11,200	58.9	219.5	9,700								115			
120	49.2	206.2	8,800	*	51.9	210.6	10,600	54.5	213.9	10,600	56.9	216.3	9,700								120			
125	46.9	201.6	7,900	*	49.7	206.5	9,700	52.4	210.2	9,700	54.9	212.9	9,300								125			
130	44.6	196.7	7,300	*	47.5	202.0	8,800	50.2	206.2	9,300	52.8	209.2	8,600								130			
135	42.1	191.4	6,600	*	45.1	197.2	7,900	48.0	201.8	8,600	50.6	205.2	7,900	53.1	207.5	6,200					135			
140	39.5	185.5	6,200	*	42.7	192.0	7,300	45.6	197.0	7,900	48.4	200.9	7,300	50.9	203.6	6,200					140			
145	36.8	179.1	5,700	*	40.1	186.2	6,600	43.2	191.9	7,500	46.1	196.2	6,800	48.7	199.3	6,200					145			
150	33.8	172.0	4,900	*	37.4	180.0	6,000	40.7	186.3	6,800	43.7	191.2	6,200	46.4	194.7	5,700	49.0	197.0	4,000		150			
155	30.7	164.0	3,500	*	34.5	173.0	5,500	38.0	180.1	6,200	41.2	185.6	5,700	44.1	189.7	5,300	46.7	192.5	4,000		155			
160					31.4	165.2	4,900	35.2	173.3	5,700	38.5	179.6	5,300	41.6	184.2	4,900	44.3	187.5	4,000		160			
165					28.0	156.4	4,400	32.1	165.7	5,100	35.7	172.9	5,100	38.9	178.3	4,400	41.8	182.1	4,000		165			
170					24.1	146.0	3,500	28.8	157.1	4,600	32.7	165.5	4,600	36.2	171.7	4,000	39.2	176.2	3,500		170			
175								25.0	147.2	4,200	29.4	157.1	4,200	33.2	164.4	3,700	36.5	169.7	3,300		175			
180								20.6	135.1	3,500	25.7	147.4	4,000	29.9	156.2	3,300					180			
185											21.5	135.8	3,500								185			



Liftcrane Luffing Jib Capacities

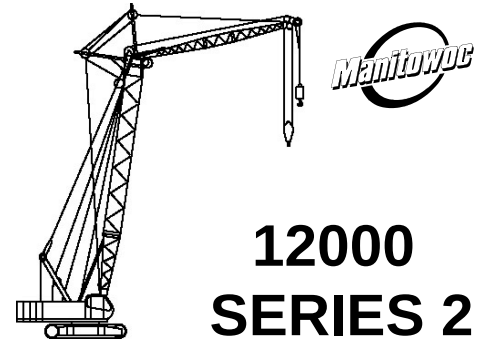
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

170 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				
Load	Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib		Jib	Jib				
Rad.	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Angle	Elev.	Rated Load	Rad.		
(ft)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(deg)	(ft)	(lbs)	(ft)		
80 Ft. Boom																								
55	74.5	251.5	30,200	*																		55		
60	72.7	250.0	27,800	*																		60		
65	70.9	248.4	25,800	*																		65		
70	69.1	246.5	24,000	*																		70		
75	67.3	244.5	21,800	*																		75		
80	65.5	242.3	19,600	*	68.1	244.6	19,600															80		
85	63.6	239.9	17,600	*	66.2	242.4	19,000															85		
90	61.7	237.3	15,900	*	64.4	240.1	17,400															90		
95	59.8	234.4	14,300	*	62.5	237.6	16,100															95		
100	57.8	231.4	13,000	*	60.5	234.8	14,800	63.2	237.2	12,800												100		
105	55.8	228.1	11,700	*	58.6	231.9	13,700	61.3	234.6	12,800												105		
110	53.7	224.5	10,600	*	56.6	228.7	12,800	59.3	231.7	11,900												110		
115	51.6	220.6	9,700	*	54.5	225.2	11,900	57.4	228.6	11,000												115		
120	49.4	216.5	8,800	*	52.4	221.5	10,800	55.3	225.2	10,100	58.1	227.7	8,400									120		
125	47.1	212.0	7,900	*	50.3	217.4	9,900	53.2	221.6	9,500	56.1	224.5	8,400									125		
130	44.8	207.1	7,300	*	48.0	213.1	9,000	51.1	217.7	8,800	54.0	220.9	8,200									130		
135	42.3	201.8	6,600	*	45.7	208.3	8,200	48.9	213.4	8,400	51.9	217.1	7,500									135		
140	39.7	196.0	6,200	*	43.3	203.2	7,500	46.6	208.8	7,700	49.7	213.0	6,800	52.6	215.8	5,100						140		
145	37.0	189.6	5,700	*	40.8	197.6	6,800	44.2	203.9	7,100	47.4	208.6	6,400	50.4	211.8	5,100						145		
150	34.1	182.5	4,000	*	38.1	191.5	6,200	41.8	198.5	6,600	45.1	203.7	6,000	48.2	207.5	5,100						150		
155					35.3	184.7	5,500	39.1	192.5	6,200	42.7	198.5	5,500	45.8	202.8	4,900						155		
160					32.2	177.1	5,100	36.4	186.0	5,700	40.1	192.8	5,100	43.4	197.6	4,400						160		
165					28.9	168.6	4,400	33.4	178.8	5,300	37.4	186.5	4,600	40.9	192.1	4,000						165		
170								30.2	170.6	4,900	34.5	179.5	4,200	38.3	186.0	3,500						170		
175								26.6	161.3	4,200	31.4	171.7	4,000	35.4	179.2	3,300						175		
180								22.5	150.2	3,700	27.9	162.8	3,500									180		
185											24.1	152.4	3,300									185		
90 Ft. Boom																								
60	72.8	260.1	28,000	*																		60		
65	71.1	258.5	25,800	*																		65		
70	69.3	256.6	24,000	*																		70		
75	67.4	254.6	22,000	*																		75		
80	65.6	252.4	19,600	*	68.5	255.0	19,400															80		
85	63.7	250.0	17,600	*	66.7	252.9	18,700															85		
90	61.8	247.4	15,900	*	64.8	250.6	17,200															90		
95	59.9	244.6	14,300	*	62.9	248.1	15,900															95		
100	57.9	241.6	13,000	*	61.0	245.5	14,600	64.0	248.0	12,600												100		
105	55.9	238.3	11,700	*	59.1	242.5	13,400	62.1	245.5	12,600												105		
110	53.8	234.7	10,600	*	57.1	239.4	12,600	60.2	242.7	11,700												110		
115	51.7	230.9	9,700	*	55.0	236.0	11,700	58.2	239.7	10,800												115		
120	49.5	226.8	8,800	*	53.0	232.3	10,800	56.2	236.4	9,900	59.2	239.1	7,700									120		
125	47.3	222.3	7,900	*	50.8	228.4	10,100	54.1	232.9	9,300	57.2	236.0	7,700									125		
130	44.9	217.4	7,300	*	48.6	224.1	9,300	52.0	229.1	8,600	55.2	232.6	7,700									130		
135	42.5	212.1	6,600	*	46.3	219.5	8,400	49.8	225.0	7,900	53.1	229.0	7,100									135		
140	39.9	206.4	6,000	*	43.9	214.4	7,700	47.6	220.6	7,500	51.0	225.0	6,600	54.1	227.9	4,400						140		
145	37.2	200.0	5,500	*	41.4	208.9	6,800	45.2	215.8	6,800	48.8	220.8	6,000	52.0	224.1	4,400						145		
150					38.8	202.9	6,200	42.8	210.6	6,400	46.5	216.2	5,500	49.8	220.0	4,400						150		
155					36.0	196.3	5,700	40.2	204.9	6,000	44.1	211.2	5,100	47.6	215.6	4,400						155		
160					33.0	189.0	5,100	37.5	198.6	5,500	41.6	205.7	4,600	45.3	210.8	4,000						160		
165					29.7	180.7	3,700	34.7	191.7	5,100	39.0	199.8	4,400	42.8	205.6	3,500						165		
170								31.6	183.9	4,600	36.2	193.2	4,000	40.3	199.9	3,300						170		
175								28.2	175.1	4,400	33.2	185.9	3,500									175		
180								24.3	164.9	4,000	30.0	177.7	3,300									180		



Liftcrane Luffing Jib Capacities

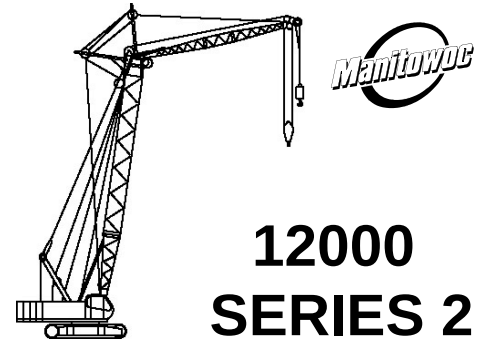
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

12000
SERIES 2

170 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		Angle (deg)	Elev. (ft)	Rated Load (lbs)		
100 Ft. Boom																								
60	73.0	270.2	28,200	*																			60	
65	71.2	268.6	26,000	*																			65	
70	69.4	266.8	24,000	*																			70	
75	67.6	264.8	22,000	*																			75	
80	65.7	262.6	19,800	*	68.9	265.4	19,000																80	
85	63.9	260.2	17,600	*	67.1	263.4	18,500																85	
90	62.0	257.6	15,900	*	65.3	261.1	17,000																90	
95	60.0	254.8	14,300	*	63.4	258.7	15,700																95	
100	58.1	251.8	13,000	*	61.5	256.1	14,300																100	
105	56.1	248.5	11,900	*	59.5	253.2	13,400		62.9	256.4	11,000												105	
110	54.0	245.0	10,800	*	57.6	250.1	12,300		61.0	253.7	11,000												110	
115	51.9	241.2	9,700	*	55.5	246.8	11,500		59.0	250.7	10,400												115	
120	49.7	237.1	8,800	*	53.5	243.2	10,800		57.0	247.6	9,700												120	
125	47.4	232.6	7,900	*	51.3	239.3	9,900		55.0	244.2	9,000		58.4	247.4	6,600								125	
130	45.1	227.8	7,300	*	49.1	235.1	9,300		52.9	240.5	8,400		56.4	244.2	6,600								130	
135	42.6	222.5	6,800	*	46.9	230.5	8,600	*	50.7	236.5	7,700		54.3	240.7	6,600								135	
140	40.1	216.8	5,300	*	44.5	225.6	7,700	*	48.5	232.2	7,100		52.2	236.9	6,200								140	
145	37.4	210.5	3,500	*	42.0	220.3	7,100	*	46.2	227.6	6,600		50.1	232.9	5,500								145	
150					39.4	214.4	6,400	*	43.8	222.6	6,200		47.8	228.5	5,100								150	
155					36.7	207.9	5,700	*	41.3	217.1	5,700		45.5	223.7	4,600								155	
160					33.7	200.8	4,600	*	38.7	211.1	5,300		43.1	218.5	4,200								160	
165									35.9	204.4	4,900		40.5	212.9	4,000								165	
170									32.9	197.0	4,400		37.9	206.7	3,500								170	
175									29.6	188.7	4,000		35.0	199.9	3,300								175	
180									26.0	179.1	3,700												180	
110 Ft. Boom																								
60	73.1	280.3	28,200	*																			60	
65	71.3	278.7	26,000	*																			65	
70	69.5	276.9	24,300	*																			70	
75	67.7	274.9	22,300	*																			75	
80	65.9	272.7	19,800	*	69.4	275.8	18,700																80	
85	64.0	270.4	17,900	*	67.6	273.8	18,300																85	
90	62.1	267.8	16,100	*	65.7	271.6	16,800																90	
95	60.2	265.0	14,600	*	63.9	269.2	15,400																95	
100	58.2	262.0	13,000	*	62.0	266.6	14,300																100	
105	56.2	258.8	11,900	*	60.0	263.8	13,200		63.7	267.2	10,600												105	
110	54.1	255.2	10,800	*	58.1	260.8	12,100		61.8	264.6	10,600												110	
115	52.0	251.4	9,700	*	56.0	257.5	11,200		59.8	261.8	10,100												115	
120	49.8	247.3	8,800	*	54.0	254.0	10,600		57.9	258.7	9,300												120	
125	47.6	242.9	7,900	*	51.9	250.2	9,900		55.8	255.4	8,600												125	
130	45.3	238.1	7,300	*	49.7	246.1	9,300		53.8	251.8	7,900		57.6	255.7	5,500								130	
135	42.8	232.9	5,700	*	47.4	241.6	8,600		51.6	248.0	7,300		55.6	252.3	5,500								135	
140	40.3	227.2	4,200	*	45.1	236.8	7,900		49.5	243.8	6,800		53.5	248.7	5,500								140	
145					42.6	231.5	7,300	*	47.2	239.4	6,400		51.3	244.8	5,100								145	
150					40.1	225.8	6,600	*	44.8	234.5	5,700		49.1	240.6	4,600								150	
155					37.4	219.5	5,700	*	42.4	229.2	5,300		46.9	236.1	4,400								155	
160					34.5	212.5	4,000	*	39.8	223.4	4,900		44.5	231.2	4,000								160	
165									37.1	217.0	4,600		42.0	225.8	3,500								165	
170									34.2	210.0	4,200		39.4	219.9	3,300								170	
175									31.0	202.1	3,700												175	
180									27.5	193.1	3,500												180	



Liftcrane Luffing Jib Capacities

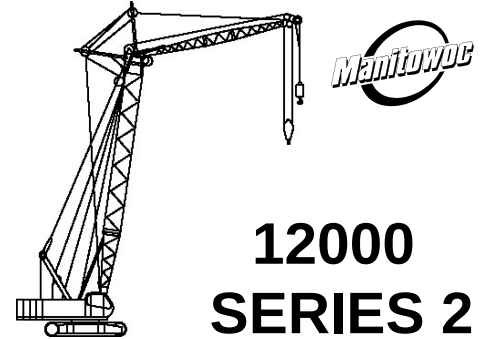
75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

170 Ft. JIB

88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load Rad. (ft)
Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Angle (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		
Rad. (ft)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	Rated Load (lbs)	Angle (deg)	Elev. (ft)	
120 Ft. Boom																								
60	73.2	290.4	26,300	*																				60
65	71.4	288.8	25,300	*																				65
70	69.6	287.0	24,300	*																				70
75	67.8	285.1	22,300	*																				75
80	66.0	282.9	20,100	*																				80
85	64.1	280.5	17,900	*	68.0	284.2	16,800																	85
90	62.2	278.0	16,100	*	66.2	282.1	16,500																	90
95	60.3	275.2	14,600	*	64.3	279.8	15,200																	95
100	58.3	272.2	13,200	*	62.4	277.2	14,100																	100
105	56.3	269.0	11,900	*	60.5	274.5	13,000	64.4	278.0	10,100														105
110	54.3	265.5	10,800	*	58.5	271.5	12,100	62.6	275.5	10,100														110
115	52.2	261.7	9,700	*	56.5	268.3	11,200	60.6	272.7	9,700														115
120	50.0	257.6	8,800	*	54.5	264.8	10,400	58.7	269.8	9,000														120
125	47.7	253.2	7,900	*	52.4	261.1	9,700	56.7	266.6	8,200														125
130	45.4	248.5	6,200	*	50.2	257.0	9,000	54.6	263.1	7,700	58.7	267.0	4,900											130
135	43.0	243.3	4,600	*	48.0	252.7	8,400	52.5	259.4	7,100	56.7	263.9	4,900											135
140					45.7	247.9	7,700	50.4	255.4	6,400	54.7	260.4	4,900											140
145					43.2	242.8	7,300	48.1	251.0	6,000	52.6	256.7	4,600											145
150					40.7	237.2	6,400	* 45.8	246.3	5,500	50.4	252.7	4,200											150
155					38.0	231.0	4,600	* 43.4	241.2	5,100	48.2	248.4	4,000											155
160								40.9	235.7	4,600	45.9	243.7	3,500											160
165								38.2	229.5	4,200														165
170								35.4	222.8	4,000														170
175								32.4	215.3	3,500														175
130 Ft. Boom																								
60	73.3	300.5	24,300	*																				60
65	71.6	298.9	23,800	*																				65
70	69.8	297.1	21,800	*																				70
75	68.0	295.2	19,800	*																				75
80	66.1	293.0	18,300	*																				80
85	64.3	290.7	16,800	*	68.4	294.6	16,500																	85
90	62.4	288.2	15,400	*	66.6	292.6	16,300																	90
95	60.4	285.4	14,300	*	64.8	290.3	15,000																	95
100	58.5	282.4	13,200	*	62.9	287.8	13,900																	100
105	56.5	279.2	11,900	*	61.0	285.1	12,800																	105
110	54.4	275.7	10,800	*	59.0	282.2	11,900	63.4	286.3	8,800														110
115	52.3	272.0	9,700	*	57.0	279.0	11,000	61.4	283.7	8,800														115
120	50.1	267.9	8,200	*	55.0	275.6	10,100	59.5	280.8	8,600														120
125	47.9	263.5	6,400	*	52.9	271.9	9,500	57.5	277.7	7,900														125
130	45.6	258.8	4,900	*	50.7	268.0	8,800	55.5	274.4	7,300														130
135	43.2	253.6	3,300	*	48.5	263.7	8,200	53.4	270.8	6,800														135
140					46.2	259.0	7,700	51.3	266.9	6,200														140
145					43.8	254.0	6,800	* 49.1	262.7	5,700														145
150					41.3	248.5	5,300	* 46.8	258.1	5,300														150
155					38.7	242.5	3,700	* 44.4	253.2	4,900														155
160								42.0	247.8	4,400														160
165								39.4	241.9	4,000														165
170								36.6	235.5	3,700														170
175								33.7	228.3	3,300														175



Liftcrane Luffing Jib Capacities

75,000 LB. Crane Counterweight
Extended Position Crawlers
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5

**12000
SERIES 2**

170 Ft. JIB

Load	88 Degree Boom Angle				83 Degree Boom Angle				78 Degree Boom Angle				73 Degree Boom Angle				68 Degree Boom Angle				63 Degree Boom Angle				Load
	Jib Rad. Angle (ft) (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Rad. Angle (ft) (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Rad. Angle (ft) (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Rad. Angle (ft) (deg)	Jib Point Elev. (ft)	Rated Load (lbs)		Jib Rad. Angle (ft) (deg)	Jib Point Elev. (ft)	Rated Load (lbs)						
140 Ft. Boom																									
60	73.4	310.6	21,200	*																	60				
65	71.7	309.0	19,800	*																	65				
70	69.9	307.3	18,100	*																	70				
75	68.1	305.3	16,800	*																	75				
80	66.2	303.2	15,200	*																	80				
85	64.4	300.9	14,100	*	68.9	305.1	15,700	*													85				
90	62.5	298.3	13,000	*	67.1	303.0	15,000	*													90				
95	60.6	295.6	11,900	*	65.2	300.8	13,900	*													95				
100	58.6	292.6	11,000	*	63.3	298.3	12,800	*													100				
105	56.6	289.4	10,100	*	61.4	295.7	11,900	*													105				
110	54.6	286.0	9,500	*	59.5	292.8	11,000	*	64.1	297.1	8,200										110				
115	52.5	282.2	8,200	*	57.5	289.7	10,100	*	62.2	294.6	8,200										115				
120	50.3	278.2	6,600	*	55.5	286.4	9,300	*	60.3	291.8	8,200										120				
125	48.1	273.9	5,300	*	53.4	282.8	8,600	*	58.4	288.8	7,500										125				
130	45.7	269.1	3,700	*	51.3	278.9	7,900	*	56.3	285.6	6,800										130				
135					49.1	274.7	7,500	*	54.3	282.1	6,400										135				
140					46.8	270.1	6,800	*	52.2	278.3	5,700										140				
145					44.4	265.2	5,500	*	50.0	274.3	5,300										145				
150					42.0	259.8	4,000	*	47.8	269.8	4,900										150				
155									45.4	265.1	4,400										155				
160									43.0	259.9	4,000										160				
165									40.5	254.2	3,700										165				
170									37.8	248.0	3,300										170				