

HC-248H Tubular Jib Capacities - Open Throat Boom

Refer to notes on page 6.

		Lifting Capacities - Tubular Jib - Open Throat Boom																							
Boom Length	Jib Radius	30' jib						40' jib						50' jib						60' jib					
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
		25 40,000*	30 40,000*	35 40,000*	40 40,000*	40 40,000*	40 40,000*	36,000*	36,000*	36,000*	36,000*	36,000*	36,000*	32,000*	32,000*	32,000*	32,000*	32,000*	32,000*	26,800*	26,800*	26,800*	26,800*	26,800*	26,800*
100' Boom	25																								
	30																								
	35																								
	40																								
	50																								
	60																								
	70																								
	80																								
	90																								
	100																								
120' Boom	110																								
	120																								
	130																								
	140																								
	150																								
	160																								
	170																								
	180																								
	190																								
	200																								

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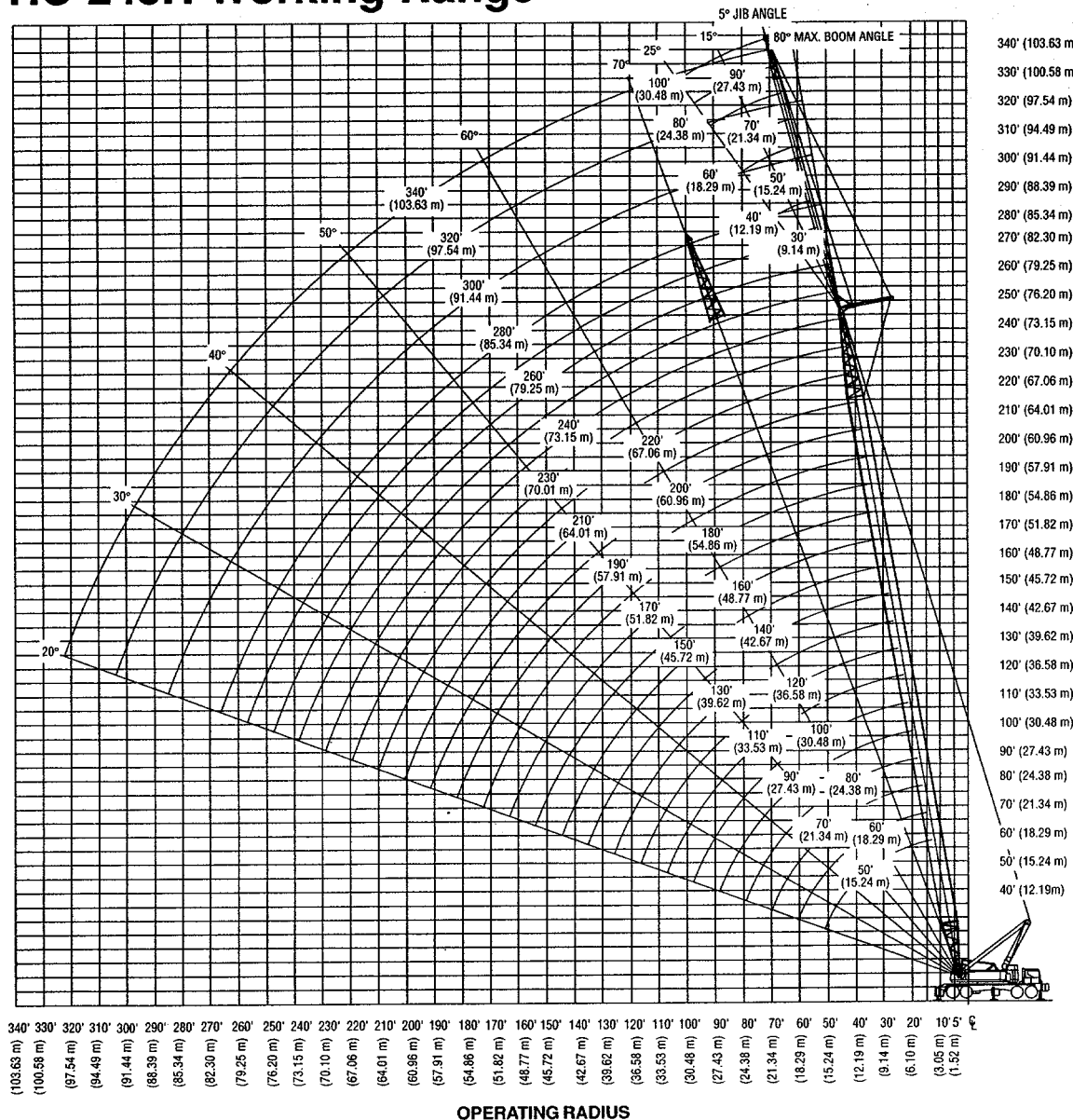
Boom Length		Lifting Capacities - Tubular Jib - Open Throat Boom																							
		30' jib				40' jib				50' jib				60' jib				70' jib				80' jib			
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
Jib Radius																									
30	40,000*																								
35	40,000*																								
40	40,000*																								
50	40,000*																								
60	40,000*																								
70	40,000*																								
80	33,400	33,900	34,300	34,300	33,700	34,300	34,300	34,300	33,700	34,300	34,300	34,300	33,700	34,300	34,300	34,300	33,700	34,300	34,300	34,300	33,700	34,300	34,300	33,700	34,300
90	28,100	28,500	28,800	28,800	28,400	28,900	28,900	28,900	28,400	28,900	28,900	28,900	28,400	28,900	28,900	28,900	28,400	28,900	28,900	28,900	28,400	28,900	28,900	28,400	28,900
100	24,000	24,300	24,600	24,600	24,300	24,700	24,400	24,400	24,500	25,000	25,000	25,000	24,500	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
110	21,000	21,200	21,400	21,400	21,300	21,600	21,900	21,900	21,500	22,000	22,000	22,000	21,500	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
120	18,300	18,500	18,600	18,600	18,500	18,800	19,100	19,100	18,800	19,200	19,200	19,200	18,800	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300
130	16,000	16,200	16,300	16,300	16,300	16,600	16,800	16,800	16,500	16,900	16,900	16,900	16,500	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
140	14,100	14,300				14,400	14,600	14,800	14,600	14,900	15,200	15,200	14,800	14,300	14,300	14,300	14,300	14,300	14,300	14,300	14,300	14,300	14,300	14,300	14,300
150	12,500					12,800	12,900		13,000	13,200	13,400	13,400	13,200	12,700	12,700	12,700	12,700	12,700	12,700	12,700	12,700	12,700	12,700	12,700	12,700
160	11,100					11,300			11,600	11,800				11,800	12,000	12,200	12,200	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
170									10,300					10,500	10,800			10,700	11,000	11,000	11,000	11,000	11,000	11,000	11,000
180														9,500				9,600	9,800	9,800	9,800	9,800	9,800	9,800	9,800
190																		8,700							
200																									
210																									
220																									
35	40,000*																								
40	40,000*																								
50	40,000*																								
60	40,000*																								
70	40,000*																								
80	32,800	33,300	33,800	33,800	33,100	33,800	33,800	33,800	33,100	33,800	33,800	33,800	33,100	32,600	32,600	32,600	32,600	32,600	32,600	32,600	32,600	32,600	32,600	32,600	32,600
90	27,500	27,900	28,300	28,300	27,800	28,300	28,300	28,300	27,800	28,300	28,300	28,300	27,800	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300
100	23,300	23,700	24,000	24,000	23,600	24,100	24,500	24,500	23,900	24,500	24,500	24,500	23,900	23,400	23,400	23,400	23,400	23,400	23,400	23,400	23,400	23,400	23,400	23,400	23,400
110	20,300	20,600	20,900	20,900	20,600	21,000	21,400	21,400	20,900	21,400	21,400	21,400	20,900	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400
120	17,600	17,900	18,100	18,100	17,900	18,300	18,600	18,600	18,200	18,600	18,600	18,600	18,200	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700
130	15,400	15,600	15,800	15,800	15,700	16,000	16,200	16,200	15,900	16,300	16,300	16,300	15,900	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400
140	13,500	13,700	13,800	13,800	13,600	14,000	14,200	14,200	14,000	14,400	14,400	14,400	14,000	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500
150	11,900	12,000				12,100	12,400	12,500	12,400	12,700	12,900	12,900	12,400	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900
160	10,500	10,600				10,700	10,900		10,900	11,200	11,400	11,400	10,900	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400
170	9,200					9,500	9,600		9,700	9,900				9,900	10,100	10,400	10,400	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100
180						8,400								8,400	8,600	8,800		8,600	8,800	8,800	8,800	8,800	8,800	8,800	8,800
190														7,600				7,600							
200																									
210																									
220																									
230																									
240																									

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Boom Length	Jib Radius	Lifting Capacities - Tubular Jib - Open Throat Boom																							
		30' jib				40' jib				50' jib				60' jib				70' jib				80' jib			
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
50	40,000*	40,000*	36,000*	35,900*	32,000*	31,800*	26,800*	26,700*	26,600*	26,500*	21,900*	21,700*	21,600*	21,500*	21,400*	17,700*	17,600*	17,500*	17,400*	13,800*	13,700*	13,600*	13,500*	13,400*	9,900*
60	40,000*	40,000*	36,000*	35,700*	32,000*	31,800*	26,800*	26,700*	26,600*	26,500*	21,900*	21,700*	21,600*	21,500*	21,400*	17,700*	17,600*	17,500*	17,400*	13,800*	13,700*	13,600*	13,500*	13,400*	9,900*
70	40,000*	40,000*	36,000*	35,400*	32,000*	31,100*	26,300*	26,300*	26,300*	26,300*	21,300*	21,300*	21,300*	21,300*	21,300*	17,700*	17,700*	17,700*	17,700*	13,800*	13,800*	13,800*	13,800*	13,800*	9,900*
80	34,500	35,100	35,800	34,800	30,700*	29,400*	24,900*	24,900*	24,900*	24,900*	20,400*	20,400*	20,400*	20,400*	20,400*	17,700*	17,700*	17,700*	17,700*	13,800*	13,800*	13,800*	13,800*	13,800*	9,900*
90	28,600	29,200	29,700	28,900	24,800*	23,300*	22,900*	22,900*	22,900*	22,900*	18,900*	18,900*	18,900*	18,900*	18,900*	17,700*	17,700*	17,700*	17,700*	13,800*	13,800*	13,800*	13,800*	13,800*	9,900*
100	24,100	24,600	25,000	24,400	20,400*	19,900*	19,900*	19,900*	19,900*	19,900*	16,400*	16,400*	16,400*	16,400*	16,400*	15,500*	15,500*	15,500*	15,500*	13,800*	13,800*	13,800*	13,800*	13,800*	9,900*
110	20,900	21,300	21,700	21,200	18,800*	18,800*	18,800*	18,800*	18,800*	18,800*	15,400*	15,400*	15,400*	15,400*	15,400*	14,400*	14,400*	14,400*	14,400*	13,800*	13,800*	13,800*	13,800*	13,800*	9,900*
120	17,900	18,300	18,700	18,200	16,000*	16,000*	16,000*	16,000*	16,000*	16,000*	13,000*	13,000*	13,000*	13,000*	13,000*	12,100*	12,100*	12,100*	12,100*	11,900*	11,900*	11,900*	11,900*	11,900*	9,900*
130	15,500	15,800	16,100	15,800	14,000*	14,000*	14,000*	14,000*	14,000*	14,000*	11,700*	11,700*	11,700*	11,700*	11,700*	10,800*	10,800*	10,800*	10,800*	10,500*	10,500*	10,500*	10,500*	10,500*	9,900*
140	13,400	13,700	14,000	13,700	12,100*	12,100*	12,100*	12,100*	12,100*	12,100*	10,000*	10,000*	10,000*	10,000*	10,000*	9,500*	9,500*	9,500*	9,500*	9,200*	9,200*	9,200*	9,200*	9,200*	8,300*
150	11,600	11,900	12,100	11,900	10,300*	10,300*	10,300*	10,300*	10,300*	10,300*	8,400*	8,400*	8,400*	8,400*	8,400*	7,700*	7,700*	7,700*	7,700*	7,400*	7,400*	7,400*	7,400*	7,400*	6,300*
160	10,100	10,300	10,500	10,300	8,800*	8,800*	8,800*	8,800*	8,800*	8,800*	7,200*	7,200*	7,200*	7,200*	7,200*	6,600*	6,600*	6,600*	6,600*	6,300*	6,300*	6,300*	6,300*	6,300*	5,200*
170	8,800	9,000	9,100	9,000	7,800*	7,800*	7,800*	7,800*	7,800*	7,800*	6,400*	6,400*	6,400*	6,400*	6,400*	5,900*	5,900*	5,900*	5,900*	5,600*	5,600*	5,600*	5,600*	5,600*	4,500*
180	7,600	7,700	7,900	7,800	6,800*	6,800*	6,800*	6,800*	6,800*	6,800*	5,600*	5,600*	5,600*	5,600*	5,600*	5,100*	5,100*	5,100*	5,100*	4,800*	4,800*	4,800*	4,800*	4,800*	3,800*
190	6,500	6,700	6,800	6,700	5,800*	5,800*	5,800*	5,800*	5,800*	5,800*	4,800*	4,800*	4,800*	4,800*	4,800*	4,300*	4,300*	4,300*	4,300*	4,000*	4,000*	4,000*	4,000*	4,000*	3,200*
200	5,600	5,700	5,800	5,700	5,000*	5,000*	5,000*	5,000*	5,000*	5,000*	4,200*	4,200*	4,200*	4,200*	4,200*	3,700*	3,700*	3,700*	3,700*	3,400*	3,400*	3,400*	3,400*	3,400*	2,700*
210	4,700	4,900	4,900	4,900	4,200*	4,200*	4,200*	4,200*	4,200*	4,200*	3,500*	3,500*	3,500*	3,500*	3,500*	3,000*	3,000*	3,000*	3,000*	2,700*	2,700*	2,700*	2,700*	2,700*	2,200*
220	4,000	4,200	4,200	4,200	3,500*	3,500*	3,500*	3,500*	3,500*	3,500*	2,900*	2,900*	2,900*	2,900*	2,900*	2,400*	2,400*	2,400*	2,400*	2,100*	2,100*	2,100*	2,100*	2,100*	1,700*
230	3,300	3,500	3,500	3,500	2,900*	2,900*	2,900*	2,900*	2,900*	2,900*	2,300*	2,300*	2,300*	2,300*	2,300*	1,900*	1,900*	1,900*	1,900*	1,600*	1,600*	1,600*	1,600*	1,600*	1,300*
240	2,700	2,900	2,900	2,900	2,300*	2,300*	2,300*	2,300*	2,300*	2,300*	1,900*	1,900*	1,900*	1,900*	1,900*	1,600*	1,600*	1,600*	1,600*	1,300*	1,300*	1,300*	1,300*	1,300*	1,000*
250	2,200	2,400	2,400	2,400	1,900*	1,900*	1,900*	1,900*	1,900*	1,900*	1,600*	1,600*	1,600*	1,600*	1,600*	1,300*	1,300*	1,300*	1,300*	1,100*	1,100*	1,100*	1,100*	1,100*	800*
260	1,700	1,900	1,900	1,900	1,400*	1,400*	1,400*	1,400*	1,400*	1,400*	1,100*	1,100*	1,100*	1,100*	1,100*	900*	900*	900*	900*	700*	700*	700*	700*	700*	500*
270	1,200	1,400	1,400	1,400	1,000*	1,000*	1,000*	1,000*	1,000*	1,000*	800*	800*	800*	800*	800*	600*	600*	600*	600*	400*	400*	400*	400*	400*	300*
280	800*	900*	900*	900*	700*	700*	700*	700*	700*	700*	500*	500*	500*	500*	500*	400*	400*	400*	400*	300*	300*	300*	300*	300*	200*
290	500*	600*	600*	600*	400*	400*	400*	400*	400*	400*	300*	300*	300*	300*	300*	200*	200*	200*	200*	100*	100*	100*	100*	100*	0*
300	300*	400*	400*	400*	200*	200*	200*	200*	200*	200*	100*	100*	100*	100*	100*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
310	100*	200*	200*	200*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
320	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
330	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
340	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
350	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
360	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
370	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
380	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
390	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
400	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
410	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
420	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
430	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
440	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
450	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
460	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
470	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
480	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
490	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
500	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*

HC-248H Working Range



OPERATING RADIUS

Jib Capacity Notes:

- Capacities are shown in pounds and are the maximum allowable. Capacities are based on machine standing level on firm supporting surface under ideal job conditions. Capacities are not more than 85% of the tipping loads unless marked with an asterisk.
- Capacities are for 360° swing on five outrigger jacks.
- Capacities are limited to a Link-Belt 68" x 80" (1.73 x 2.03 m) open throat tubular boom, live mast and a Link-Belt 20-ton (18 t), 24" x 32" (.61 x .81 m) cross section jib with a 17' 10" (5.44 m) high jib strut properly assembled.
- Do not swing over side until all four outrigger beams are fully extended, all five jacks are extended, until all tires are clear of the ground and machine is properly leveled on a firm supporting surface.
- Two parts of 1" (25.4 mm) diameter type "N" or "RB" wire rope is required for maximum lift.
- Capacities are for 30' (9.14 m), 40' (12.19 m), 50' (15.24 m), 60' (18.29 m), 70' (21.34 m), 80' (24.38 m), 90' (27.43 m), and 100' (30.48 m) jib lengths only.
- A jib cannot be used on the open throat boom that is longer than 240' (73.15 m).
- The least stable condition is over the side.
- A deduction must be made from the jib capacities for weight of hook block, hook, sling, grapple, load weighing devices, etc.
- When using main hook, while jib is attached, reduce boom capacities by the following values:
 - 30' (9.14 m) jib - 2,600 lbs. (1 179 kg)
 - 40' (12.19 m) jib - 3,000 lbs. (1 361 kg)
 - 50' (15.24 m) jib - 3,400 lbs. (1 542 kg)
 - 60' (18.29 m) jib - 3,800 lbs. (1 724 kg)
 - 70' (21.34 m) jib - 4,200 lbs. (1 905 kg)
 - 80' (24.38 m) jib - 4,600 lbs. (2 087 kg)
 - 90' (27.43 m) jib - 5,000 lbs. (2 268 kg)
 - 100' (30.48 m) jib - 5,400 lbs. (2 449 kg)
- Refer to all notes on applicable lifting crane capacity chart in addition to these notes.
- Capacities apply only to the machine as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

Link-Belt Construction Equipment Company

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