

Link-Belt® HC-138A jib capacities — open throat boom (U.S. units)

Refer to Notes page 11.

Counterweights — Upper counterweight "AB" — 30,000 lbs. plus bumper counterweight "A" — 1,500 lbs.

Jib — tubular: 30" wide, 24" deep.

Mounting — rubber tire mobile base: FMC, 8 x 4 drive, 260" wheelbase, 11' 0" wide.

Boom — tubular: 54" wide, 44" deep with open throat top section, 1 1/4" diameter boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Boom length Feet	Load radius Feet	Capacities on outriggers — over side and 360° swing												
		20' jib			30' jib			40' jib			50' jib			
		Jib angles to boom (jib offset degrees)			Pounds			Pounds			Pounds			
		0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
40	14	19,900*												
	15	19,700*												
	16	19,400*												
	17	19,100*												
	18	18,900*												
	19	18,600*												
	20	18,400*												
	25	17,100*	15,900*	15,700*	15,400*	15,200*	14,700*	14,400*	11,900*	11,800*	11,700*	11,200*	11,700*	7,900*
30	15,800*	13,500*	12,600*	11,800*	9,900*	9,300*	10,700*	10,200*	9,200*	9,700*	7,500*	6,600*	5,800*	5,100*
35	14,700*	12,700*	10,800*	9,900*	8,700*	8,600*	8,600*	8,600*	7,500*	7,500*	6,400*	5,600*	5,100*	4,600*
40	13,600*	11,700*	10,200*	9,800*	7,600*	7,600*	7,400*	7,400*	6,300*	6,300*	5,500*	5,100*	4,600*	4,000*
50	11,300*	10,100*		8,300*	7,500*		5,900*		5,400*			4,500*	4,000*	3,400*
60	9,600*	7,000*												
70														
80														
80														
90														
50	16	19,900*												
	17	19,600*												
	18	19,400*												
	19	19,200*												
	20	19,000*												
	25	17,900*												
	30	16,700*	15,200*	12,900*	12,200*	9,600*	9,000*	11,900*	11,400*	9,400*	9,400*	9,900*	7,600*	5,900*
	35	15,700*	14,300*	12,200*	11,400*	9,000*	8,200*	10,600*	10,100*	8,000*	8,000*	7,700*	6,400*	5,700*
40	14,700*	13,500*	11,500*	10,700*	7,900*	7,300*	10,600*	10,100*	7,000*	7,000*	6,800*	5,300*	4,700*	
50	12,800*	10,900*	9,800*	9,800*	7,300*	7,300*	9,400*	8,200*	5,900*	5,200*	5,800*	4,900*	4,200*	
60	10,800*	9,400*	8,100*	8,100*	7,300*	7,300*	7,900*	7,000*	5,900*	5,200*	4,300*	3,800*	3,700*	
70	9,500*	7,900*												
80														
90														
60	18	19,800*												
	19	19,600*												
	20	19,400*												
	25	18,500*												
	30	17,500*	15,600*	12,500*	11,800*	9,800*	9,300*	11,200*	10,800*	9,600*	9,200*	9,600*	7,100*	5,900*
	35	16,500*	14,800*	11,900*	11,100*	8,300*	8,300*	11,100*	10,400*	8,400*	8,400*	7,900*	6,000*	5,400*
	40	15,600*	14,100*	11,200*	10,200*	7,600*	7,600*	10,400*	9,800*	7,500*	7,500*	6,100*	5,000*	4,800*
	50	13,900*	13,300*	10,200*	9,600*	7,000*	7,000*	9,600*	8,700*	6,500*	5,500*	5,200*	4,600*	4,400*
60	12,200*	11,800*	9,600*	9,600*	7,800*	7,800*	9,000*	8,000*	5,700*	5,000*	4,700*	4,100*	3,500*	
70	10,400*	9,700*												
80														
90														
100														
70	20	19,800*												
	25	18,900*												
	30	18,100*	15,500*	12,800*	12,200*	9,900*	9,900*	11,800*	11,400*	9,800*	9,800*	7,900*	7,300*	5,800*
	35	17,200*	14,900*	12,200*	12,200*	9,500*	9,500*	11,600*	11,100*	9,400*	9,400*	7,300*	6,900*	5,500*
	40	16,300*	14,300*	11,600*	11,600*	9,100*	9,100*	11,500*	10,700*	8,700*	8,700*	6,500*	6,300*	5,200*
	50	14,800*	13,700*	10,400*	10,400*	8,300*	8,300*	10,300*	10,000*	7,900*	7,900*	6,500*	6,300*	4,900*
	60	13,300*	12,500*	9,900*	9,900*	7,900*	7,900*	9,200*	9,200*	7,000*	7,000*	5,800*	5,800*	4,500*
70	11,800*	11,200*	9,300*	9,300*	7,400*	7,400*	8,400*	8,400*	7,000*	7,000*	5,400*	5,400*	4,100*	

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HC-138A jib capacities — open throat boom (U.S. Units)

Refer to Notes page 11.

Boom length Feet	Load radius Feet	20' jib						30' jib						40' jib						50' jib					
		0°		15°		30°		0°		15°		30°		0°		15°		30°		0°		15°		30°	
		Pounds						Pounds						Pounds						Pounds					
70	80	10,300*	9,500*	12,500*	8,700*	7,700*	7,600*	7,500*	6,500*	5,600*	5,300*	5,000*	4,400*	4,000*	3,500*	3,700*	3,300*								
	90	19,300*	15,500*	12,500*	15,700*	15,200*	12,900*	11,900*	11,300*	9,900*	9,700*	7,700*	7,400*	7,100*	6,500*	5,900*	5,600*	4,900*							
	100	17,700*	14,900*	12,000*	14,600*	14,100*	12,400*	11,900*	10,900*	9,600*	8,900*	8,200*	7,600*	7,100*	6,500*	5,900*	5,300*	4,600*							
	110	16,900*	13,000*	10,200*	13,000*	11,800*	9,700*	8,000*	7,600*	7,100*	6,600*	6,200*	5,500*	5,400*	4,900*	4,500*	4,000*	3,500*							
	120	15,500*	10,000*	9,700*	10,600*	8,500*	7,400*	7,200*	6,200*	5,500*	5,400*	4,900*	4,500*	4,000*	3,400*	3,300*	3,100*								
80	25	19,600*	15,700*	12,700*	15,900*	15,400*	12,600*	11,700*	11,400*	9,700*	9,800*	7,800*	7,500*	7,300*	7,800*	7,500*	5,700*	4,700*							
	30	18,900*	15,100*	12,200*	14,900*	14,400*	12,100*	11,100*	10,500*	9,900*	8,400*	8,100*	7,300*	7,000*	6,700*	5,400*	5,100*	4,400*							
	35	17,500*	14,600*	11,300*	13,400*	13,000*	11,100*	10,500*	9,900*	9,200*	7,800*	7,400*	6,000*	5,700*	5,400*	4,800*	4,000*	3,700*							
	40	16,000*	13,500*	10,000*	12,400*	12,000*	10,100*	9,300*	8,500*	7,800*	7,000*	6,300*	5,400*	5,100*	4,800*	4,000*	3,700*	3,300*							
	50	14,800*	11,400*	9,500*	11,300*	11,000*	9,300*	8,500*	7,800*	7,000*	6,200*	5,400*	4,700*	4,100*	3,900*	3,200*									
90	25	19,900*	15,900*	12,800*	15,600*	15,100*	12,800*	11,800*	11,500*	9,800*	9,300*	7,900*	7,600*	7,300*	7,900*	7,700*	5,700*	4,800*							
	30	18,600*	15,400*	12,400*	14,700*	14,200*	12,400*	11,400*	10,700*	9,500*	8,700*	8,100*	7,300*	7,000*	6,300*	5,500*	4,500*	4,200*							
	35	17,900*	14,900*	11,600*	13,800*	13,300*	11,400*	10,500*	9,600*	8,900*	7,600*	7,200*	6,000*	5,700*	5,000*	4,300*	3,500*	3,200*							
	40	16,600*	13,900*	10,700*	12,800*	12,400*	10,500*	9,600*	8,900*	8,200*	7,200*	6,500*	5,600*	4,900*	4,600*	3,900*	3,500*	3,200*							
	50	15,400*	12,900*	9,800*	11,800*	11,500*	9,800*	8,900*	8,200*	7,500*	6,700*	6,000*	5,100*	4,400*	4,300*	3,800*	3,100*								
100	25	19,900*	15,900*	12,800*	15,600*	15,100*	12,800*	11,800*	11,500*	9,800*	9,300*	7,900*	7,600*	7,300*	7,900*	7,700*	5,700*	4,800*							
	30	18,600*	15,400*	12,400*	14,700*	14,200*	12,400*	11,400*	10,700*	9,500*	8,700*	8,100*	7,300*	7,000*	6,300*	5,500*	4,500*	4,200*							
	35	17,900*	14,900*	11,600*	13,800*	13,300*	11,400*	10,500*	9,600*	8,900*	7,600*	7,200*	6,000*	5,700*	5,000*	4,300*	3,500*	3,200*							
	40	16,600*	13,900*	10,700*	12,800*	12,400*	10,500*	9,600*	8,900*	8,200*	7,200*	6,500*	5,600*	4,900*	4,600*	3,900*	3,500*	3,200*							
	50	15,400*	12,900*	9,800*	11,800*	11,500*	9,800*	8,900*	8,200*	7,500*	6,700*	6,000*	5,100*	4,400*	4,300*	3,800*	3,100*								
110	25	19,900*	15,900*	12,800*	15,600*	15,100*	12,800*	11,800*	11,500*	9,800*	9,300*	7,900*	7,600*	7,300*	7,900*	7,700*	5,700*	4,800*							
	30	18,900*	15,300*	12,600*	14,900*	14,400*	12,500*	11,700*	11,400*	9,900*	9,400*	8,000*	7,500*	7,100*	6,500*	5,500*	4,500*	4,200*							
	35	18,300*	15,100*	11,800*	14,200*	13,700*	11,700*	10,800*	10,300*	9,600*	8,300*	7,800*	7,100*	6,600*	5,900*	5,000*	4,300*	3,400*							
	40	15,800*	13,300*	10,300*	12,300*	12,000*	10,300*	9,300*	8,600*	7,800*	7,400*	6,500*	5,600*	4,900*	4,400*	3,800*	3,000*								
	50	14,800*	12,400*	9,600*	11,500*	11,200*	9,600*	8,600*	8,000*	7,300*	6,600*	5,800*	5,100*	4,400*	4,100*	3,400*	3,000*								

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GENERAL INFORMATION ONLY

HC-138A jib capacities — open throat boom (U.S. Units)

Refer to Notes page 11.

Boom length Feet	Load radius Feet	Capacities on outriggers — over side and 360° swing											
		20' jib			30' jib			40' jib			50' jib		
		0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
190	70	12,500*	10,600*	11,400*	10,700*	8,700*	10,400*	9,400*	7,000*	7,100*	5,700*	4,900*	
	80	10,700*	9,000*	9,800*	9,000*	7,300*	8,900*	7,900*	5,800*	6,800*	5,600*	4,600*	
	90	9,300*	8,800*	8,500*	7,600*	6,100*	7,700*	6,700*	4,800*	6,500*	5,400*	3,800*	
	100	8,000*	7,500*	7,200*	6,600*	5,100*	6,600*	5,700*	4,000*	5,900*	4,900*	3,100*	
	110	7,000*	6,600*	6,300*	5,600*	4,400*	5,700*	4,900*	3,400*	5,200*	4,200*	2,600*	
	120	5,900	5,800*	5,600*	5,000*	3,800*	4,900*	4,300*	2,900*	4,500*	3,600*	2,200*	
	130	4,800	5,000	4,900	4,300*	3,300*	4,300*	3,700*	2,500*	3,900*	3,100*	1,900*	
	140	3,900	4,100	4,000	3,800*	2,800*	3,800*	3,200*	2,100*	3,400*	2,700*	1,600*	
	150	3,100	3,300	3,200	3,300*	2,500*	3,300	2,800*	1,900*	3,000*	2,300*	1,600*	
	160	2,500	2,600	2,500	2,700	2,000	2,600	2,500*	1,600*	2,600	2,100*	1,600*	
170	1,900	2,000	2,000	2,100	1,500	2,000	2,200*	1,700	2,000	1,800*	1,600*		
180						1,500	1,700	1,600*	1,500	1,500	1,600*		

GENERAL INFORMATION ONLY

Link-Belt® HC-138A jib capacities — open throat boom (U.S. units)

Refer to Notes page 11.

Boom — tubular: 54" wide, 44" deep with open throat top section; 6" diameter boom pendants, boom live mast, and 6" midpoint suspension pendants as required.
Jib — tubular: 30" wide, 24" deep
Counterweights — Upper counterweight "AB" 30,000 lbs. plus bumper counterweight "A" — 1,500 lbs.
Mounting — rubber tire mobile base: FMC, 8 x 4 drive, 260" wheelbase, 11' 0" wide.

Boom length Feet	Load radius Feet	Capacities on outriggers — over rear only																			
		20' jib				30' jib				40' jib				50' jib							
		Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)							
		0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°		
40	14	19,800*																			
	15	19,600*																			
	16	19,300*																			
	17	19,100*																			
	18	18,800*																			
	19	18,600*																			
	20	18,300*																			
	25	17,000*																			
50	30	15,700*																			
	35	14,700*																			
	40	13,500*																			
	50	11,300*																			
	60	9,600*																			
	70																				
	80																				
	90																				
60	18	19,700*																			
	19	19,600*																			
	20	19,400*																			
	25	18,400*																			
	30	17,400*																			
	35	16,400*																			
	40	15,500*																			
	50	13,900*																			
70	20	18,900*																			
	25	18,000*																			
	30	17,100*																			
	35	16,200*																			
	40	14,700*																			
	50	12,600*																			
	60	13,200*																			
	70	11,700*																			

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HC-138A jib capacities — open throat boom (U.S. units)

Refer to Notes page 11.

Boom length Feet	Load radius Feet	Capacities on outriggers — over rear only															
		20' jib				30' jib				40' jib				50' jib			
		Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)			
		0°	15°	30°	Pounds	0°	15°	30°	Pounds	0°	15°	30°	Pounds	0°	15°	30°	Pounds
70	80	10,300*	9,500*	8,400*	7,500*	7,500*	7,500*	7,200*	6,200*	5,400*	5,200*	4,900*	4,500*	4,000*	3,700*		
	90	18,500*	15,600*	14,700*	12,700*	11,600*	11,300*	11,600*	11,000*	9,800*	9,400*	7,600*	7,300*	7,000*	6,300*		
	100	16,900*	14,400*	13,600*	12,000*	11,600*	10,600*	10,600*	10,600*	8,700*	8,000*	7,200*	6,300*	6,300*	5,900*		
	110	15,400*	13,200*	12,500*	10,900*	9,500*	9,500*	9,300*	8,700*	7,300*	6,500*	6,500*	5,800*	5,300*	4,600*		
	120	14,100*	12,000*	12,000*	10,200*	8,700*	7,900*	8,500*	7,300*	6,500*	5,900*	5,000*	5,000*	4,200*	3,900*		
80	25	19,200*	15,600*	15,200*	12,700*	12,700*	11,600*	11,600*	11,600*	9,800*	9,400*	7,600*	7,300*	7,000*	6,300*		
	30	18,500*	15,000*	14,200*	12,200*	11,600*	10,600*	10,600*	9,400*	8,700*	7,200*	7,000*	6,300*	5,900*	5,300*		
	35	17,700*	14,400*	13,600*	12,000*	11,600*	10,600*	10,600*	8,700*	8,000*	6,500*	6,300*	5,800*	5,300*	4,900*		
	40	16,900*	14,400*	13,600*	12,000*	11,600*	10,600*	10,600*	8,700*	8,000*	6,500*	6,300*	5,800*	5,300*	4,900*		
	50	15,400*	13,200*	12,500*	10,900*	9,500*	9,500*	9,300*	8,700*	7,300*	6,500*	5,900*	5,000*	4,600*	4,200*		
90	25	19,500*	15,900*	15,400*	12,700*	12,400*	11,900*	11,400*	11,400*	9,600*	9,600*	7,700*	7,400*	7,100*	6,300*		
	30	18,800*	15,300*	14,400*	12,200*	11,900*	10,900*	10,900*	9,600*	8,900*	7,400*	7,100*	6,500*	6,000*	5,400*		
	35	18,100*	14,800*	13,900*	12,200*	11,900*	10,900*	10,900*	9,600*	8,900*	7,400*	7,100*	6,500*	6,000*	5,400*		
	40	17,400*	14,400*	13,600*	12,000*	11,600*	10,600*	10,600*	9,600*	8,900*	7,400*	7,100*	6,500*	6,000*	5,400*		
	50	15,900*	13,700*	13,000*	11,300*	10,900*	10,000*	10,000*	8,900*	8,300*	6,900*	6,200*	5,300*	5,000*	4,400*		
100	25	19,800*	16,100*	15,100*	12,900*	12,600*	12,100*	11,500*	11,500*	9,700*	9,700*	7,800*	7,500*	7,200*	6,300*		
	30	19,100*	15,600*	14,700*	12,500*	12,100*	11,200*	11,200*	9,700*	9,100*	7,500*	7,200*	6,600*	6,200*	5,500*		
	35	18,500*	15,100*	14,200*	12,500*	12,100*	11,200*	11,200*	9,700*	9,100*	7,500*	7,200*	6,600*	6,200*	5,500*		
	40	17,800*	14,600*	13,300*	12,500*	12,100*	11,200*	11,200*	9,700*	9,100*	7,500*	7,200*	6,600*	6,200*	5,500*		
	50	16,500*	14,100*	13,000*	12,500*	12,100*	11,200*	11,200*	9,700*	9,100*	7,500*	7,200*	6,600*	6,200*	5,500*		
110	25	19,400*	15,800*	14,900*	12,600*	12,300*	11,800*	11,300*	11,300*	9,500*	9,500*	7,600*	7,300*	7,000*	6,100*		
	30	18,800*	15,300*	14,500*	12,300*	11,900*	11,400*	11,400*	9,500*	8,900*	7,300*	7,000*	6,400*	6,000*	5,300*		
	35	18,200*	14,800*	13,600*	12,300*	11,900*	11,400*	11,400*	9,500*	8,900*	7,300*	7,000*	6,400*	6,000*	5,300*		
	40	17,600*	14,400*	13,600*	12,300*	11,900*	11,400*	11,400*	9,500*	8,900*	7,300*	7,000*	6,400*	6,000*	5,300*		
	50	16,000*	13,400*	12,700*	12,000*	11,600*	10,900*	10,900*	9,500*	8,900*	7,300*	7,000*	6,400*	6,000*	5,300*		

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HC-138A jib capacities — open throat boom (U.S. units)

Refer to **Notes** page 11.

Boom length Feet	Load radius Feet	Capacities of outriggers — over rear only															
		20' jib				30' jib				40' jib				50' jib			
		Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)				Jib angles to boom (jib offset degrees)			
0°		15°		30°		0°		15°		30°		0°		15°		30°	
		Pounds		Pounds		Pounds		Pounds		Pounds		Pounds		Pounds		Pounds	
180	160	4,300	4,100*														
	170	3,600	3,700														
	180	3,000															
	190	2,400															
	200																
	210																
190	40	19,900*	15,800*	13,000*													
	50	18,100*	14,100*	12,500*													
	60	14,600*	10,700*	9,100*													
	70	12,500*	10,200*	7,700*													
	80	10,700*	8,800*	6,600*													
	90	9,300*	7,500*	5,700*													
	100	8,100*	6,600*	4,900*													
	110	7,100*	5,700*	4,400*													
	120	6,200*	5,000*	3,800*													
	130	5,500*	4,500*	3,800*													
	140	4,800*	4,000*	3,400*													
	150	4,300*	3,600*	3,100*													
160	3,800*	3,200*	2,800*														
170	3,400	2,800	2,400*														
180	2,700	2,200	1,800														
190	2,200	1,700															
200	1,700																
210																	

GENERAL INFORMATION ONLY

HC-138A jib capacities — open throat boom (U.S. units)

Refer to **Notes** below.

Notes — tubular jib lifting capacities

1. The capacities included in this chart are the maximum allowable under ideal job conditions based on machine standing level on firm supporting surface on fully extended and set outriggers, with tires free of supporting surface. Capacities are based on 85% of minimum tipping loads unless marked with an asterisk (*).
- a. Asterisk indicates capacities are based on factors other than those which would cause a tipping condition.
2. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, supporting surface conditions, and operating speeds. Operator must reduce load ratings accordingly to take such conditions into account. Deduction from rated capacities must be made for weight of hook block, ball/hook, sling or other suspended gear.

3. All jib capacities are for 'on outrigger' working areas as defined on the working areas drawing in applicable lifting crane capacity chart. Capacities for 360° swing applicable only when power hydraulic front center jack, in addition to front and rear outriggers, is set in proper working position.
4. Capacities are limited to boom and jib described in this chart and with 10' 0" high jib mast properly assembled in working position.
5. The pinned telescopic boom live mast must be used in the extended 23' position for all capacities on this chart.
6. For boom lengths exceeding 140', boom midpoint suspension pendants are required.
7. Jib cannot be mounted on open throat boom length exceeding 190'.
8. Capacities are for 20', 30', 40' and 50' jib lengths only.
9. Machine equipped with "AB" upper counterweight — do not swing over side until outriggers have been set.
10. Least stable rated position is over the side.
11. For lifting loads greater than 16,800 lbs., 2-part jib load hoist line (3/4" Type "N" wire rope) is required. For single part jib hoist line operation, 3/4" Type "P" wire rope is recommended (maximum capacity based on wire rope strength is 16,800 lbs.).
12. Refer to all notes on applicable lifting crane capacity chart in addition to these notes.
13. Capacities apply only to the machine as originally manufactured and normally equipped by FMC Corporation, Cable Crane and Excavator Division.



We are constantly improving our products and therefore reserve the right to change designs and specifications.

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Link-Belt® cranes & excavators
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