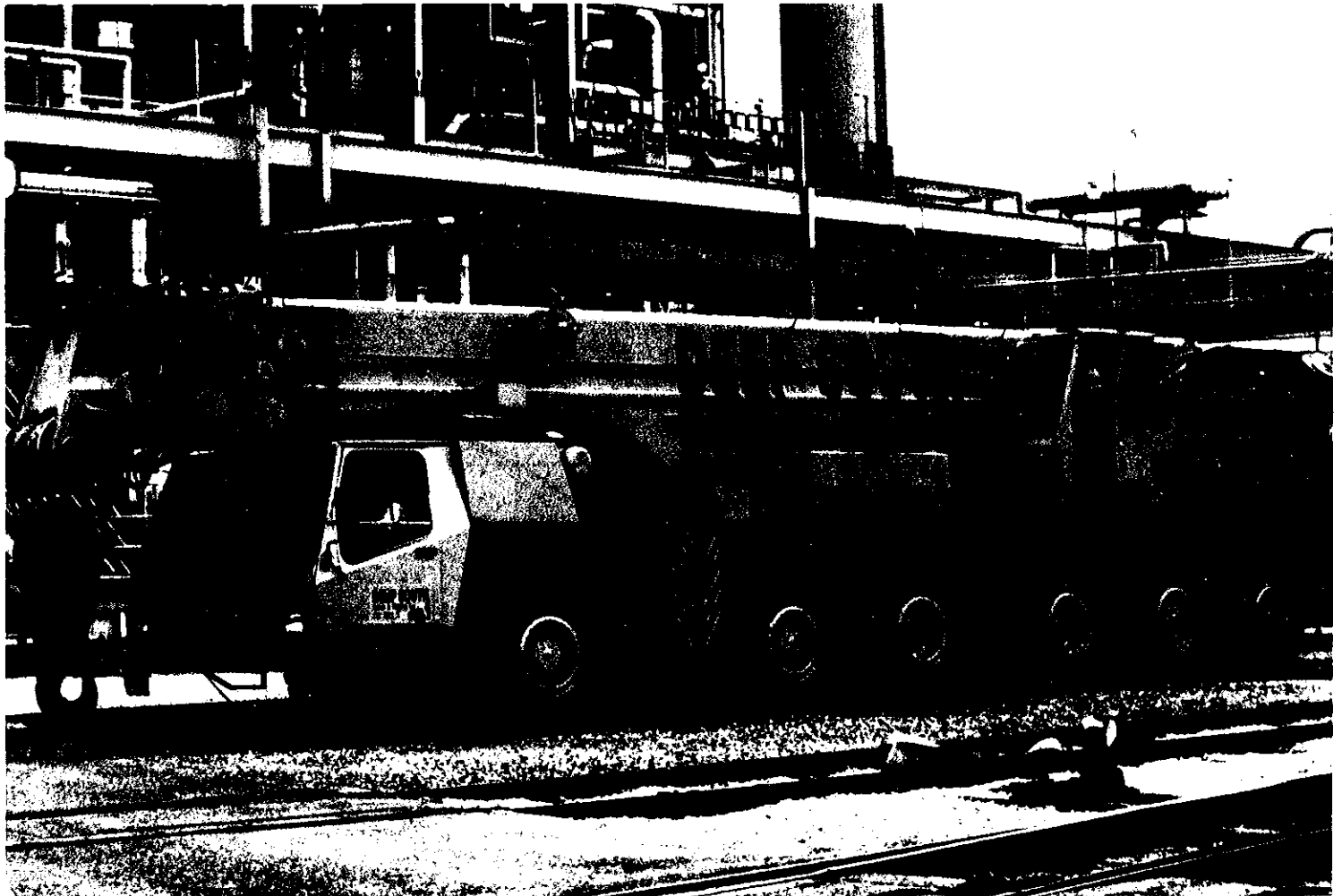




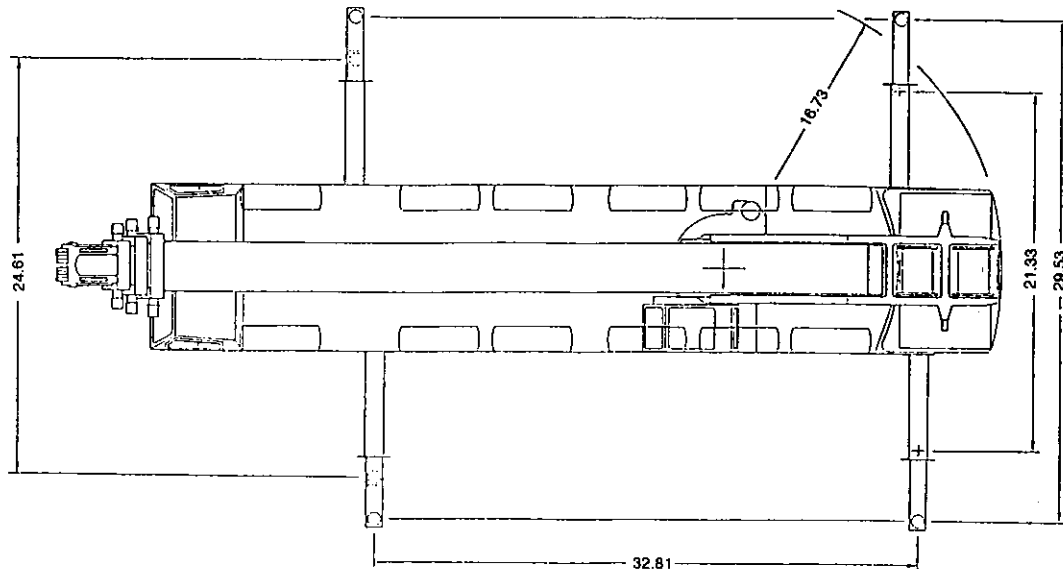
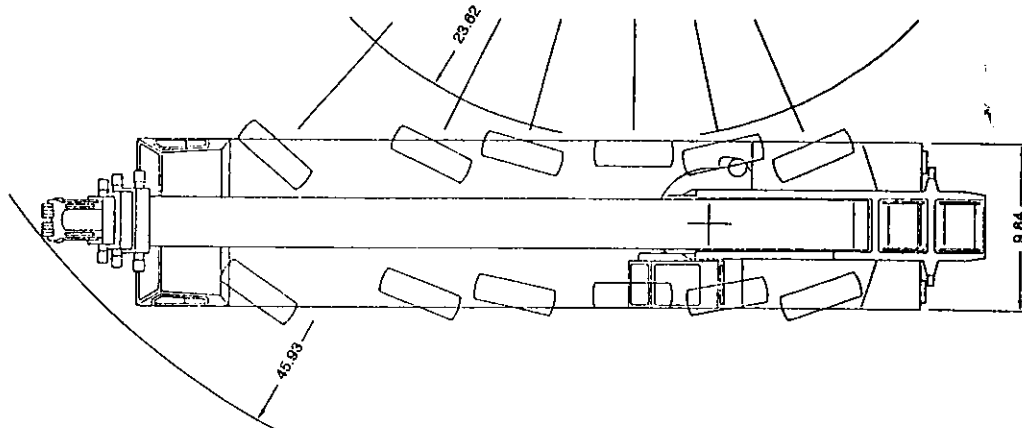
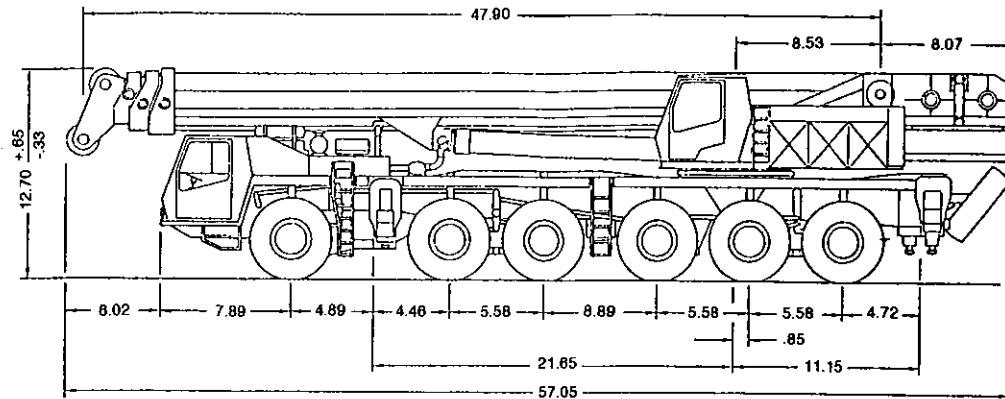
KRUPP **KMK 6140**

180 t Telescopic All-Terrain Crane





Dimensions (feet)

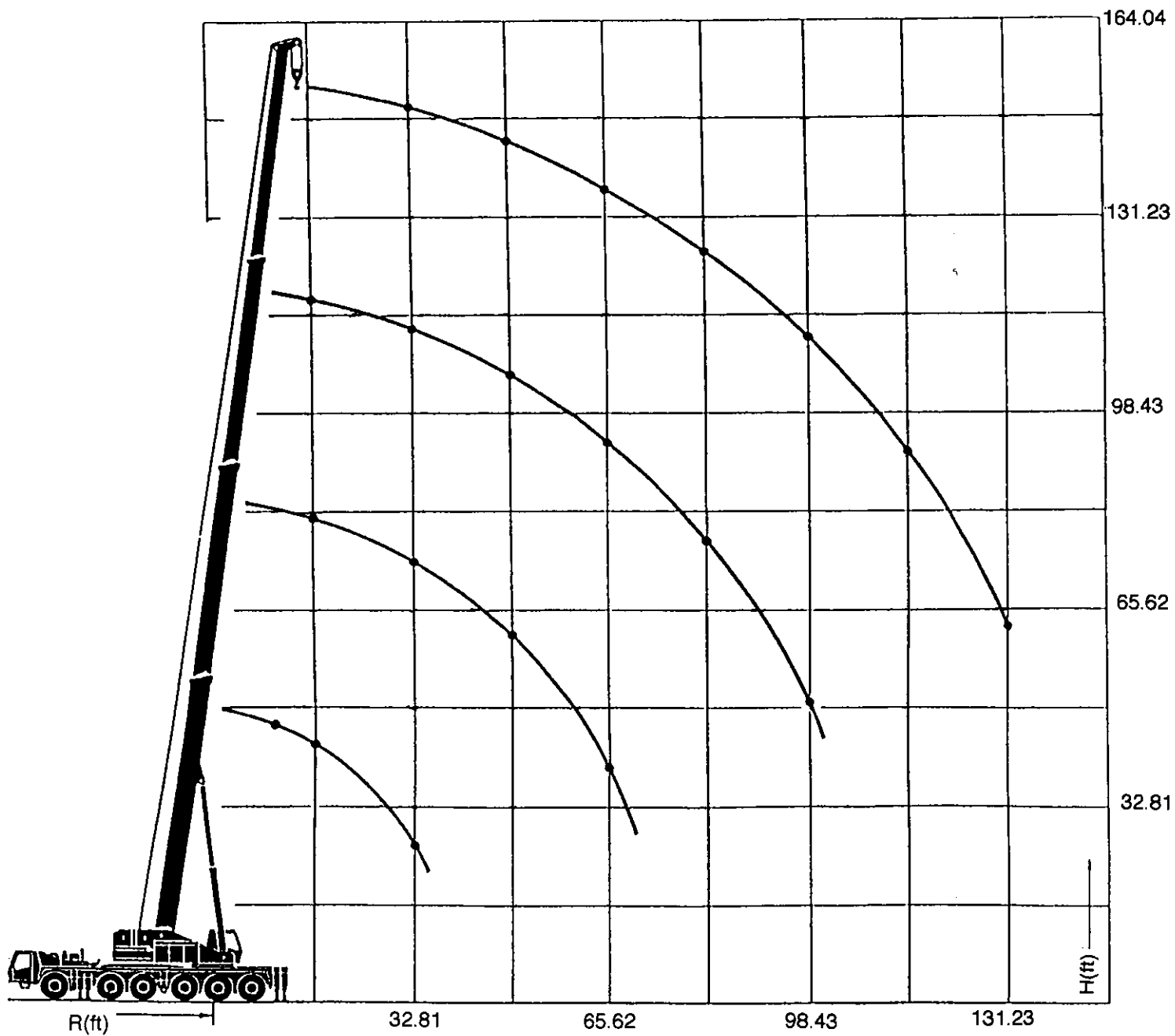
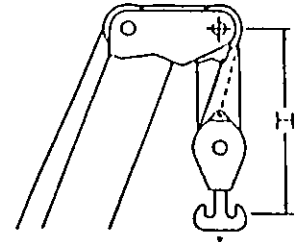




Hook height-curves

Hook blocks: End position to boom head

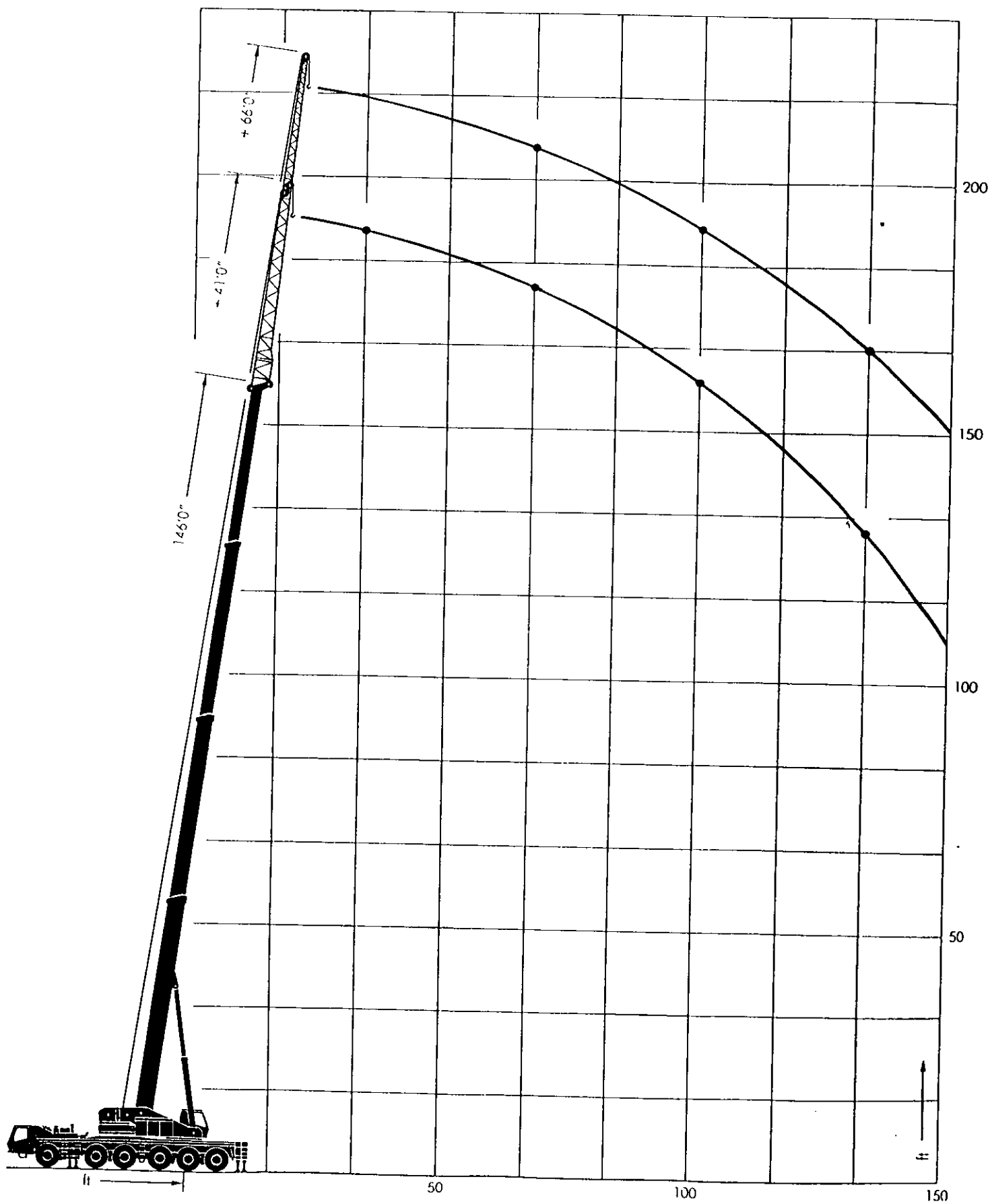
Capacity (t)	140	80	30
Sheaves	8	4	1
Distance H (ft)	7.55	7.55	5.91





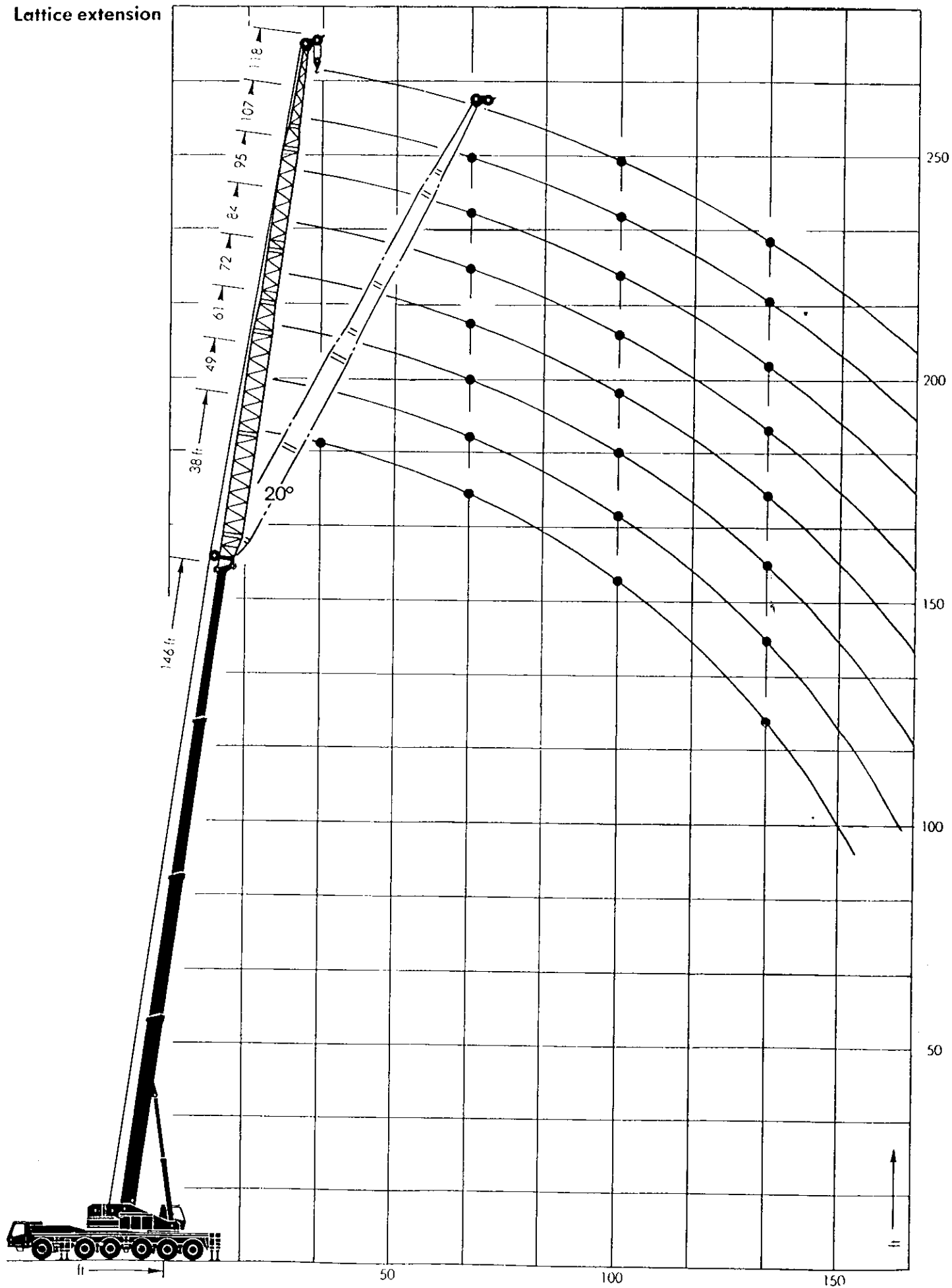
Hook elevation diagrams

2-stage swing-away lattice extension



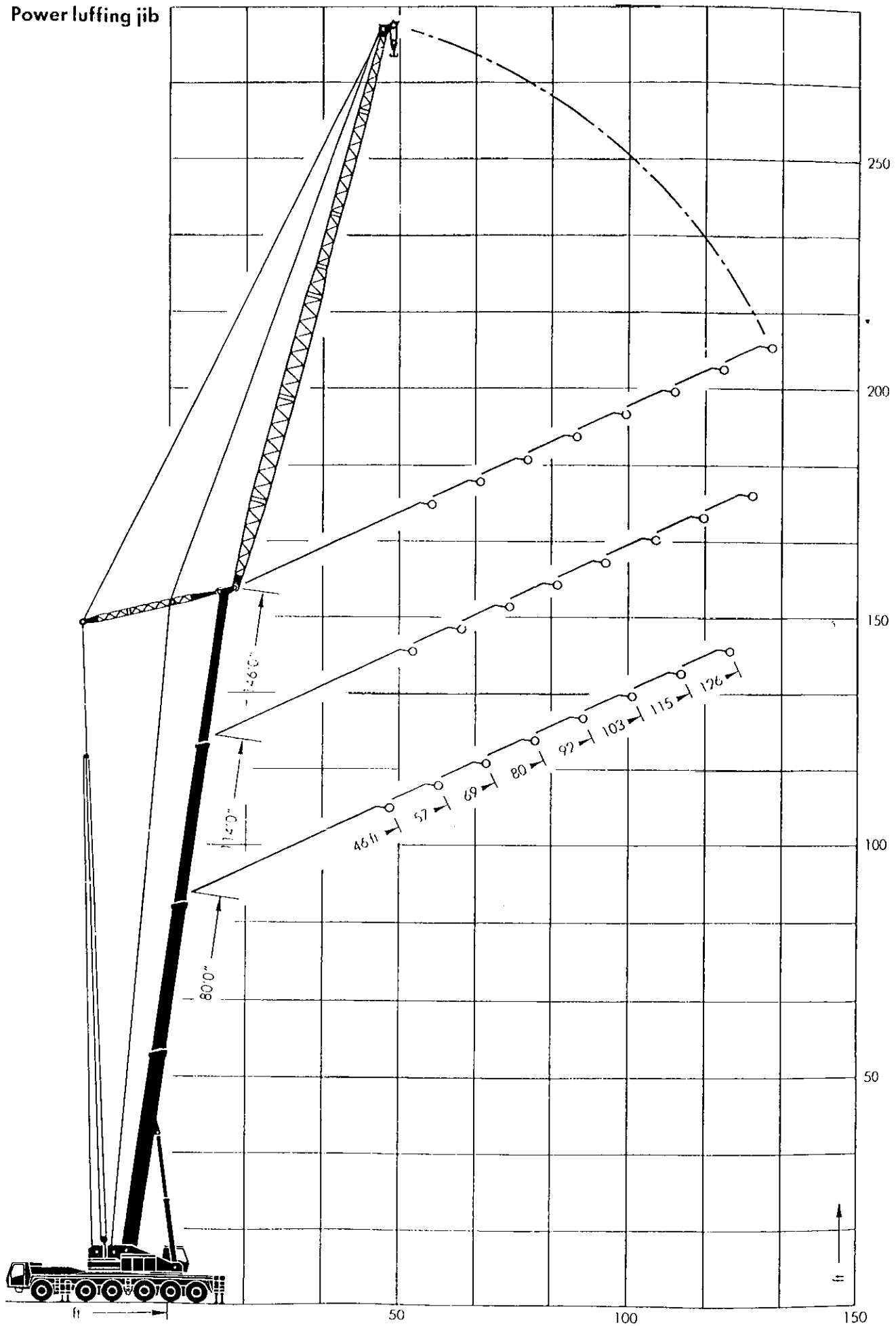


Lattice extension





Power luffing jib



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Lifting Capacities For Telescope Boom(U.S. tons)										
Boom Length=47.9ft to 151.2ft						Counterweight				30.9ton
On Outriggers		Working Range=360deg								
Radius(ft)		47.9ft Boom			82.7ft Boom		116.5ft Boom	151.2ft Boom		Radius(ft)
		85%	85%	85%	85%	85%	85%	85%		
9.8		167.5	149.9	119.0						9.8
13.1		146.6	126.8	102.5	97.0	97.0				13.1
16.4		124.6	111.3	89.8	97.0	88.2	49.6			16.4
19.7		103.6	98.1	79.9	95.3	77.7	49.6			19.7
23.0		88.2	87.1	71.1	86.0	69.4	49.6			23.0
26.2		68.3	76.1	63.9	74.4	62.3	46.8	24.3		26.2
29.5		54.6	65.0	57.9	63.9	56.2	44.1	24.3		29.5
32.8		44.6	55.1	52.9	52.9	50.7	41.3	24.3		32.8
39.4					37.5	42.9	36.6	24.3		39.4
45.9					27.6	32.7	32.7	23.3		45.9
52.5					21.5	25.7	27.2	21.6		52.5
59.1					16.5	20.6	22.2	20.1		59.1
65.6					13.2	16.6	18.3	18.6		65.6
72.2					10.3	13.3	15.1	17.1		72.2
78.7							12.6	14.6		78.7
85.3							10.4	12.5		85.3
91.9							8.6	10.6		91.9
98.4							6.9	9.0		98.4
105.0							5.6	7.7		105.0
111.5								6.5		111.5
118.1								5.5		118.1
124.7								4.5		124.7
131.2								3.9		131.2
	I		0			1	1	1	I	
T1-T2-T3	II		0			0	1	1	II	T1-T2-T3
	III		0			0	0	1	III	
Outrigger		24.6x32.8*	24.6x32.8	29.5x32.8	24.6x32.8	29.5x32.8	29.5x32.8	29.5x32.8		
*-Rear Outrigger Spread=21.3ft										

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Lifting Capacities For Telescopic Boom(U.S. tons)													
Boom Length=47.9ft to 151.2ft										Counterweight			23.1ton
On Outriggers		Working Range=360deg											
Radius(ft)	47.9ft Boom			82.7ft Boom		114.2ft Boom	116.5ft Boom	146.3ft Boom	151.2ft Boom			Radius(ft)	
9.8		85%	85%	85%	85%	85%	85%	85%	85%			3	9.8
13.1		167.5	149.9	119.0	97.0	97.0						4	13.1
16.4		119.0	110.2	89.3	97.0	88.2	57.3	49.6				5	16.4
19.7		100.3	97.0	78.8	88.2	77.7	57.3	49.6				6	19.7
23.0		77.7	83.2	70.0	79.9	69.4	53.5	49.6				7	23.0
26.2		59.0	70.5	63.4	69.4	62.3	50.2	46.8	28.1	24.3		8	26.2
29.5		46.8	59.0	57.9	56.8	56.2	46.3	44.1	28.1	24.3		9	29.5
32.8		38.6	48.0	52.9	46.3	50.7	43.5	41.3	28.1	24.3		10	32.8
39.4					32.4	37.8	38.4	36.6	27.0	24.3		12	39.4
45.9					23.8	28.4	30.2	30.2	24.8	23.3		14	45.9
52.5					18.2	22.2	23.8	23.8	22.6	21.6		16	52.5
59.1					13.8	17.5	19.1	19.1	20.9	20.1		18	59.1
65.6					10.5	13.9	15.7	15.7	17.5	17.5		20	65.6
72.2					7.8	11.0	12.7	12.7	14.8	14.8		22	72.2
78.7							10.3	10.3	12.5	12.5		24	78.7
85.3							8.4	8.4	10.4	10.4		26	85.3
91.9							6.6	6.6	8.7	8.7		28	91.9
98.4							5.3	5.3	7.4	7.4		30	98.4
105.0								4.1	6.1	6.1		32	105.0
111.5									5.1	5.1		34	111.5
118.1									4.1	4.1		36	118.1
124.7									3.2	3.2		38	124.7
131.2									2.5	2.5		40	131.2
T1-T2-T3	I		0		1		0.92	1	0.92	1	I		
	II		0		0		1	1	1	1	II		T1-T2-T3
	III		0		0		0	0	0.92	1	III		
Outrigger		24.6x32.8*	24.6x32.8	29.5x32.8	24.6x32.8	29.5x32.8	29.5x32.8	29.5x32.8	29.5x32.8	29.5x32.8			
*-Rear Outrigger Spread=21.3ft													



*-Rear Outrigger Spread=21.3ft

*-Rear Outrigger Spread=21.3ft

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Lifting Capacities For Swing-Away Lattice (U.S. tons)															
Lattice Length=40.4ft to 65.6ft										Counterweight		19.8ton			
On Outriggers					Working Range=360deg										
					Telescopic Boom										
					114.2ft Boom		146.3ft Boom		146.3ft Boom						
Lattice Length		40.4ft		40.4ft		40.4ft		65.6ft							
		75%	85%			75%	85%			75%	85%				
Radius(ft)												Radius(ft)			
26.2		14.3	15.8									26.2			
29.5		13.9	15.2									29.5			
32.8		13.2	14.6			11.0	12.1					32.8			
39.4		12.1	13.3			11.0	12.1	7.2	7.8			39.4			
45.9		11.0	12.1			10.9	12.0	7.2	7.8			45.9			
52.5		10.1	11.1			10.3	11.2	7.2	7.8			52.5			
59.1		9.3	10.1			9.6	10.5	7.2	7.8			59.1			
65.6		8.6	9.4			9.0	9.9	6.8	7.5			65.6			
72.2		7.9	8.7			8.5	9.3	6.6	7.3			72.2			
78.7		7.4	8.0			7.9	8.7	6.3	6.8			78.7			
85.3		6.8	7.5			7.5	8.2	6.1	6.6			85.3			
91.9		6.4	6.9			7.1	7.7	5.7	6.3			91.9			
98.4		6.0	6.5			6.7	7.4	5.4	6.0			98.4			
105.0		5.6	6.2			5.6	6.2	5.2	5.6			105.0			
111.5		5.3	5.7			4.7	5.2	4.9	5.3			111.5			
118.1		5.0	5.4			3.9	4.2	4.6	5.1			118.1			
124.7		4.6	4.7			3.2	3.5	3.9	4.3			124.7			
131.2		4.1	4.4			2.5	2.8	3.3	3.6			131.2			
137.8		3.5	3.9			1.9	2.0	2.6	2.9			137.8			
144.4								2.1	2.3			144.4			
Lattice Length=40.4ft to 65.6ft										Counterweight		14.3ton			
On Outriggers										Working Range=360deg					
										114.2ft Boom		146.3ft Boom		146.3ft Boom	
Lattice Length		40.4ft				40.4ft		65.6ft							
		75%				75%		75%							
Radius(ft)												Radius(ft)			
26.2		14.3										26.2			
29.5		13.9										29.5			
32.8		13.2				11.0						32.8			
39.4		12.1				11.0		7.2				39.4			
45.9		11.0				10.9		7.2				45.9			
52.5		10.1				10.3		7.2				52.5			
59.1		9.3				9.6		7.2				59.1			
65.6		8.6				9.0		6.8				65.6			
72.2		7.9				8.5		6.6				72.2			
78.7		7.4				7.9		6.3				78.7			
85.3		6.8				7.5		6.1				85.3			
91.9		6.4				6.6		5.7				91.9			
98.4		6.0				5.4		5.4				98.4			
105.0		5.6				4.4		5.2				105.0			
111.5		5.2				3.5		4.9				111.5			
118.1		4.4				2.8		4.6				118.1			
124.7		3.7				1.2		3.9				124.7			
131.2		3.1						3.3				131.2			
137.8		2.5						2.6				137.8			

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[illegible]



Lifting Capacities For Luffing Jib (U.S.tons)											
Boom Length=80.0ft									Counterweight		23.1ton
On Outriggers		Working Range=360deg									
					Luffing Jib						
		45.9ft	57.4ft	68.9ft	80.4ft	91.9ft	103.3ft	114.8ft	126.3ft		
		75%	75%	75%	75%	75%	75%	75%	75%		
Radius(ft)											Radius(ft)
26.2		41.2									26.2
29.5		41.2	34.8								29.5
32.8		41.2	34.8	29.3							32.8
39.4		39.4	34.8	29.3	24.5	20.5					39.4
45.9		33.1	32.7	29.3	24.5	20.5	17.9	15.3			45.9
52.5			28.7	27.7	24.5	20.5	17.9	15.3	13.1		52.5
59.1			24.5	24.6	23.7	20.5	17.9	15.3	13.1		59.1
65.6				21.6	21.2	20.5	17.9	15.3	13.1		65.6
72.2					18.8	18.5	17.9	15.3	13.1		72.2
78.7					17.0	16.5	16.2	15.3	12.1		78.7
85.3						15.0	14.7	14.3	11.1		85.3
91.9							13.2	13.1	10.4		91.9
98.4							12.1	11.9	9.5		98.4
105.0								11.0	8.7		105.0
111.5									8.0		111.5
118.1									7.4		118.1
124.7											124.7
131.2											131.2
T1-T2-T3	I				1					I	
	II				0					II	T1-T2-T3
	III				0					III	

Lifting Capacities For Luffing Jib (U.S.tons)											
Boom Length=114.2ft							Counterweight			23.1ton	
On Outriggers		Working Range=360deg									
Luffing Jib											
		45.9ft	57.4ft	68.9ft	80.4ft	91.9ft	103.3ft	114.8ft	126.3ft		
		75%	75%	75%	75%	75%	75%	75%	75%		
Radius(ft)											Radius(ft)
26.2										26.2	
29.5										29.5	
32.8		20.6								32.8	
39.4		20.6	17.2	15.4						39.4	
45.9		20.6	17.2	15.4	13.6					45.9	
52.5		20.6	17.2	15.0	13.6	11.7	10.1			52.5	
59.1			17.2	14.6	13.0	11.5	10.1	8.8	6.6	59.1	
65.6				14.6	13.0	11.0	9.7	8.8	6.6	65.6	
72.2				14.6	12.5	10.8	9.7	8.8	6.6	72.2	
78.7					12.5	10.8	9.7	8.4	6.6	78.7	
85.3					12.5	10.8	9.3	8.4	6.6	85.3	
91.9						10.8	9.3	7.9	6.6	91.9	
98.4							9.3	7.9	6.6	98.4	
105.0							9.3	7.9	6.6	105.0	
111.5								7.9	6.6	111.5	
118.1								7.9	6.6	118.1	
124.7									6.4	124.7	
131.2										131.2	
	I				1					I	
T1-T2-T3	II				1					II	
	III				0					III	



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Lifting Capacities For Luffing Jib (U.S.tons)													
Boom Length=146.3ft						Counterweight					23.1ton		
On Outriggers		Working Range=360deg											
						Luffing Jib							
						45.9ft	57.4ft	68.9ft	80.4ft	91.9ft	103.3ft	114.8ft	126.3ft
						75%	75%	75%	75%	75%	75%	75%	75%
Radius(ft)												Radius(ft)	
26.2													26.2
29.5													29.5
32.8													32.8
39.4		9.7											39.4
45.9		9.7	8.8										45.9
52.5		9.7	8.4	7.3	6.2								52.5
59.1		9.7	8.0	7.1	6.2	5.1	4.2						59.1
65.6			8.0	6.8	5.8	5.1	4.2	3.1					65.6
72.2				6.7	5.6	4.9	4.2	3.1	2.5				72.2
78.7				6.7	5.6	4.9	4.0	3.1	2.5				78.7
85.3					5.6	4.6	4.0	3.1	2.5				85.3
91.9					5.6		3.9	3.1	2.5				91.9
98.4							3.9	3.1	2.5				98.4
105.0							3.9	3.1	2.5				105.0
111.5							3.9	3.1	2.5				111.5
118.1								3.1	2.5				118.1
124.7									2.5				124.7
131.2									2.5				131.2
T1-T2-T3	I				1						I		
	II				1						II		T1-T2-T3
	III				1						III		