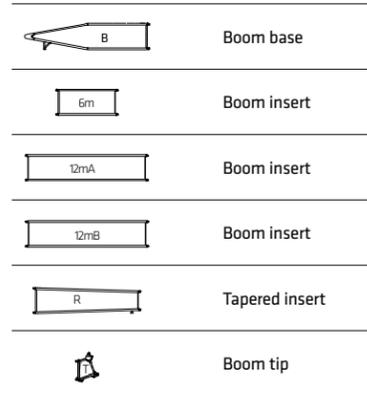
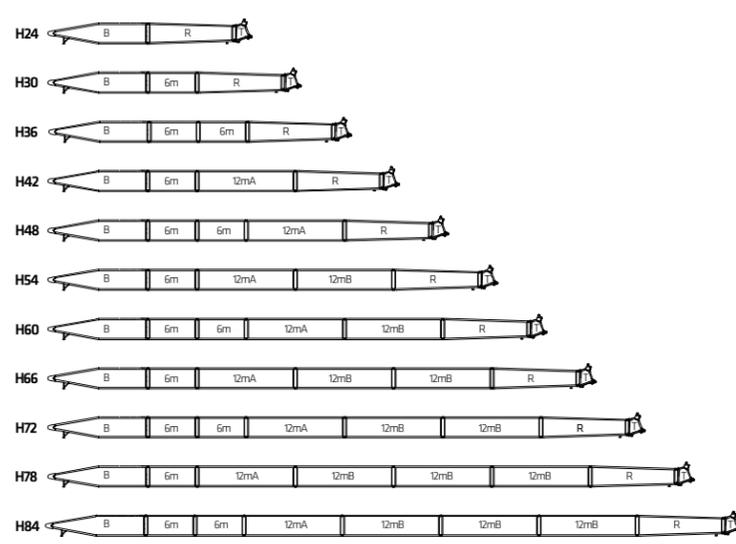
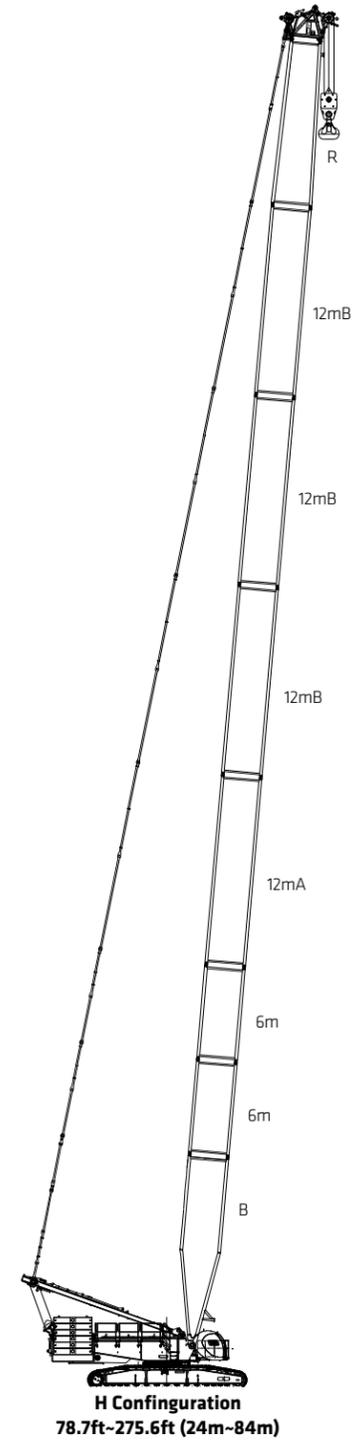


**Boom Combination in H**

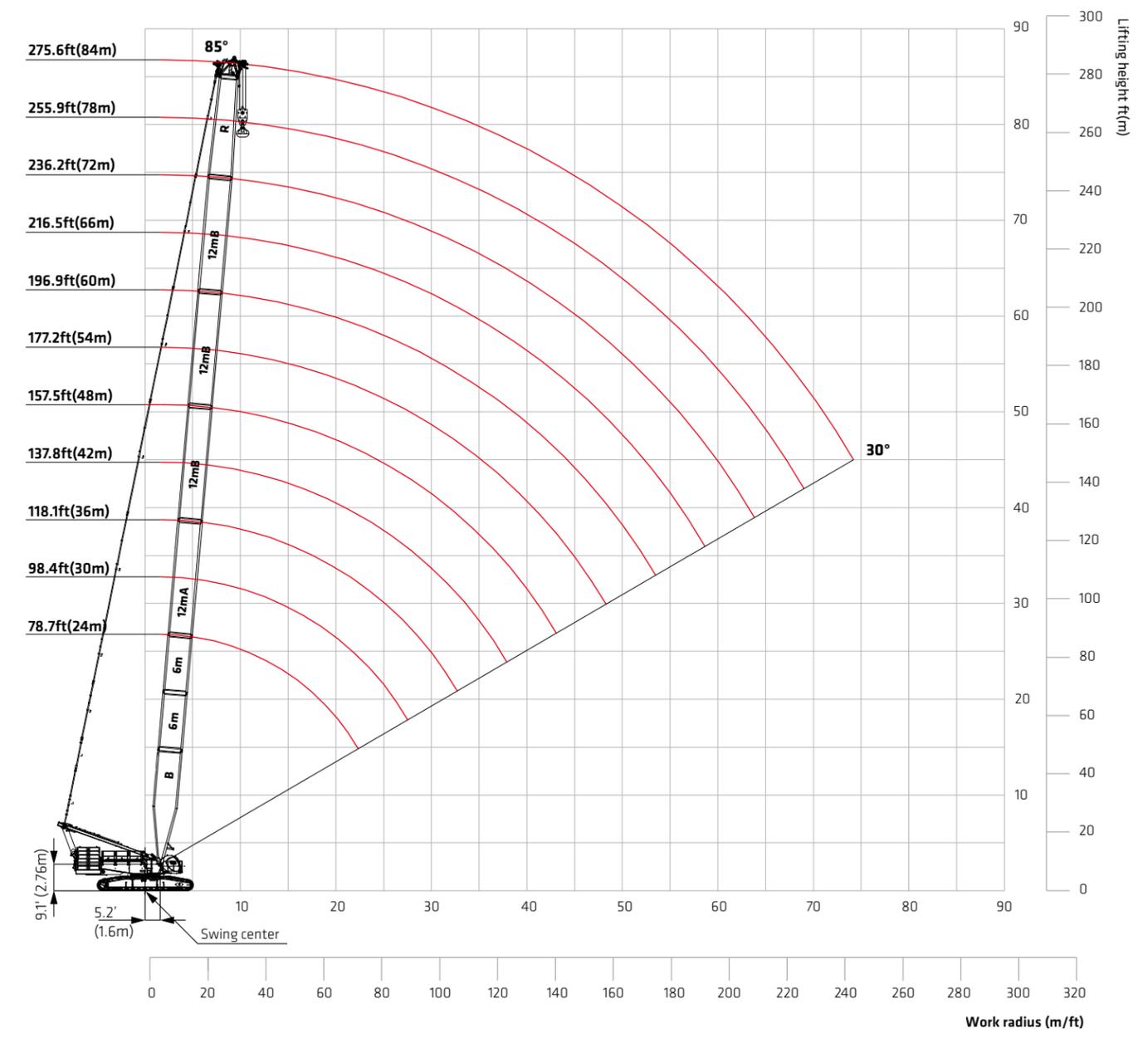


Note: The 78.7ft(24m) basic boom consists of 39.4ft(12m) boom base, 34.4ft(10.5m) tapered insert and 4.9ft(1.5m) boom tip.



**H Configuration**  
78.7ft-275.6ft (24m-84m)

**Working Radius in H**



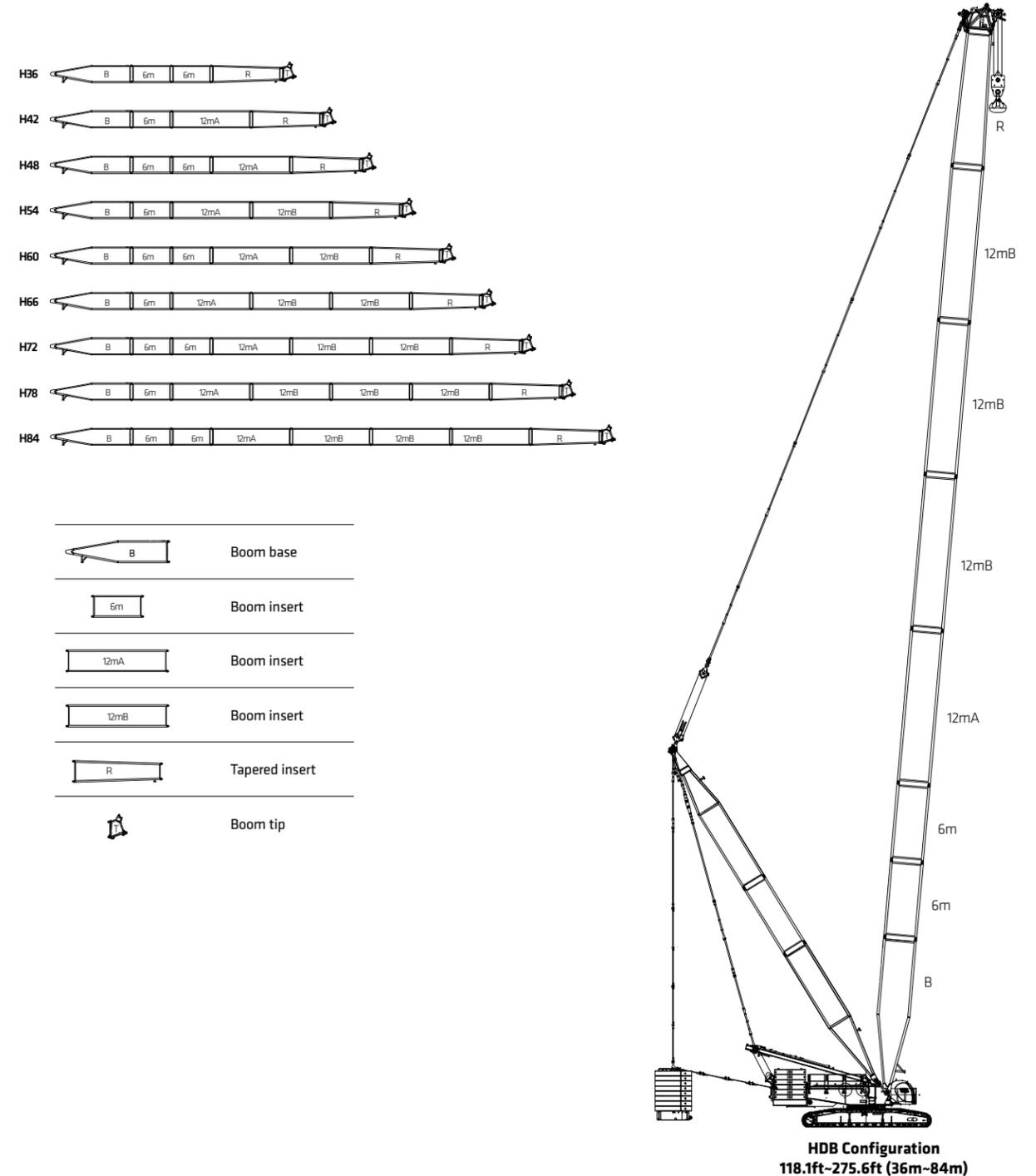
**Load Chart of H**

Note:

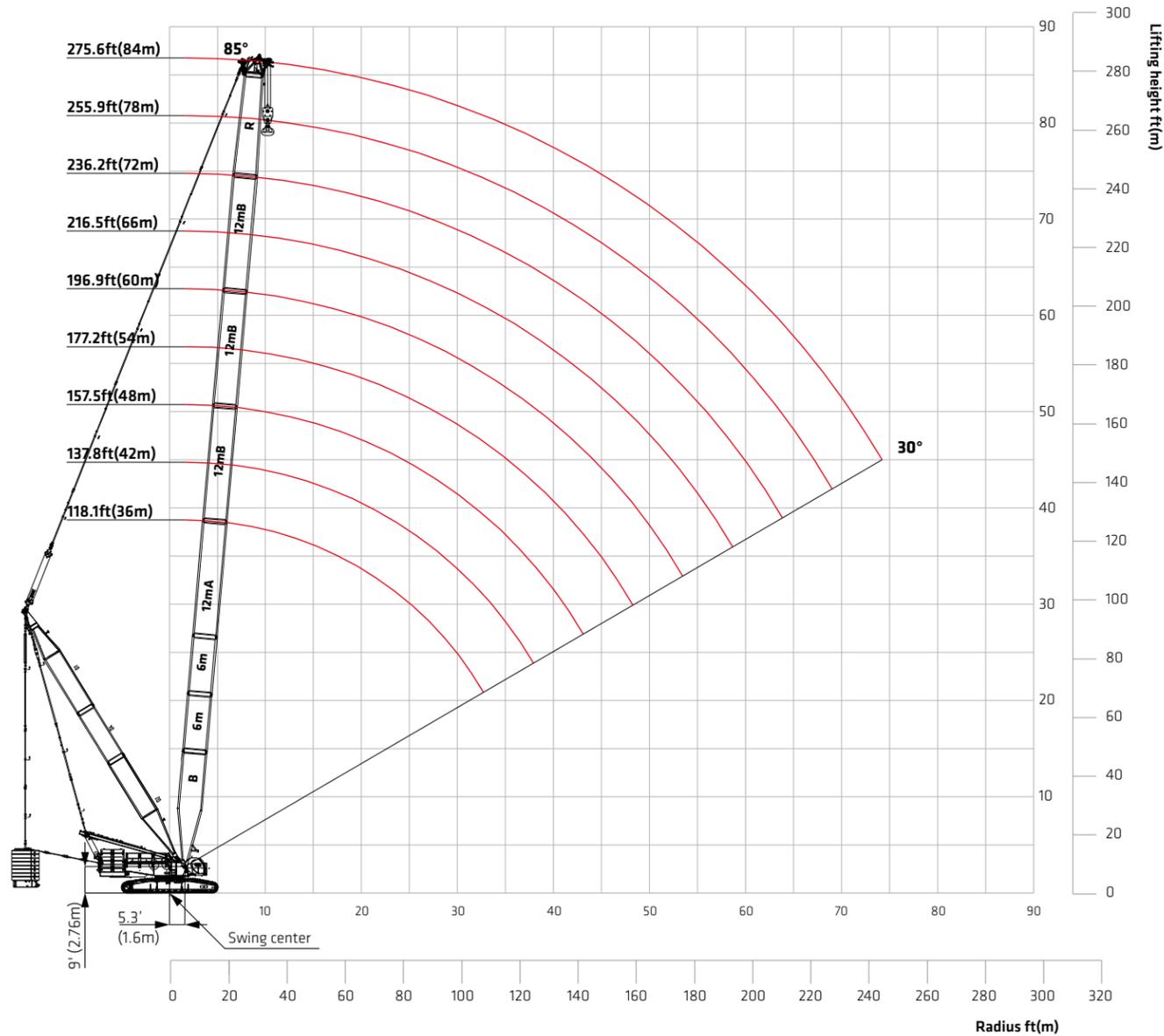
- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient.

H configuration load chart															
Boom length 78.7~275.6ft, Rear counterweight 330.7klb, Carbody counterweight 88.2 klb															
Radius (ft)	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	Radius (ft)			
19.7	881.8	881.8										19.7			
25.0	774.9	751.3	699.1	653.6								25.0			
30.0	627.9	593.2	559.2	529.0	501.0	475.5	451.8	430.1				30.0			
35.0	517.2	490.8	465.8	443.7	422.4	404.1	385.7	368.8	353.4	338.7		35.0			
40.0	434.2	416.3	397.0	379.8	364.6	349.6	334.6	321.6	308.6	297.8	284.7	40.0			
45.0	363.6	360.8	346.6	332.8	319.3	307.6	296.0	284.6	273.3	264.2	252.8	45.0			
50.0	312.2	312.2	307.2	295.3	283.5	273.8	264.2	254.5	244.8	236.0	228.0	50.0			
55.0	271.9	271.9	271.1	264.3	254.1	245.3	237.4	229.2	220.9	212.9	206.4	55.0			
60.0	239.8	239.8	237.8	237.7	229.8	221.3	214.8	207.9	200.6	194.1	187.1	60.0			
65.0	213.9	214.1	213.1	212.5	209.3	202.7	195.9	189.6	183.1	177.1	170.8	65.0			
70.0	192.9	193.3	192.4	191.7	189.8	186.1	179.7	174.1	168.1	162.8	156.9	70.0			
75.0		175.3	174.5	173.7	172.3	170.6	165.4	160.4	154.8	150.0	144.5	75.0			
80.0		159.7	159.0	158.2	156.8	156.2	152.7	148.2	143.0	138.5	133.5	80.0			
85.0		146.3	145.6	144.9	143.4	142.7	141.1	137.3	132.4	128.2	123.6	85.0			
90.0		134.9	134.4	133.7	132.2	131.5	130.0	128.0	123.3	119.4	114.8	90.0			
95.0			124.2	123.6	122.1	121.5	119.8	118.7	114.9	111.3	106.8	95.0			
100.0			115.1	114.5	113.1	112.4	110.7	109.8	107.2	103.8	99.5	100.0			
105.0				106.4	104.9	104.2	102.7	101.6	100.0	96.9	93.0	105.0			
110.0				99.4	97.8	97.2	95.6	94.5	92.8	90.9	87.1	110.0			
115.0				92.8	91.3	90.8	89.1	88.0	86.3	85.0	81.6	115.0			
120.0				86.7	85.4	84.9	83.2	82.1	80.4	79.2	76.4	120.0			
130.0					75.0	74.6	72.8	71.9	70.2	68.8	67.0	130.0			
140.0						66.0	64.4	63.4	61.6	60.3	58.5	140.0			
150.0						58.5	56.9	55.8	54.0	52.8	51.0	150.0			
160.0							50.3	49.2	47.5	46.4	44.4	160.0			
170.0							44.4	43.5	41.7	40.6	38.7	170.0			
180.0								38.6	36.8	35.7	33.7	180.0			
190.0									32.4	31.3	29.3	190.0			
200.0										28.3	27.2	25.2	200.0		
210.0											23.5	21.5	210.0		
220.0												20.3	18.4	220.0	
230.0													15.4	230.0	
236.2														13.6	236.2

**Boom Combination in HDB**



**Working Radius in HDB**



**Load Chart of HDB**

Unit:klb

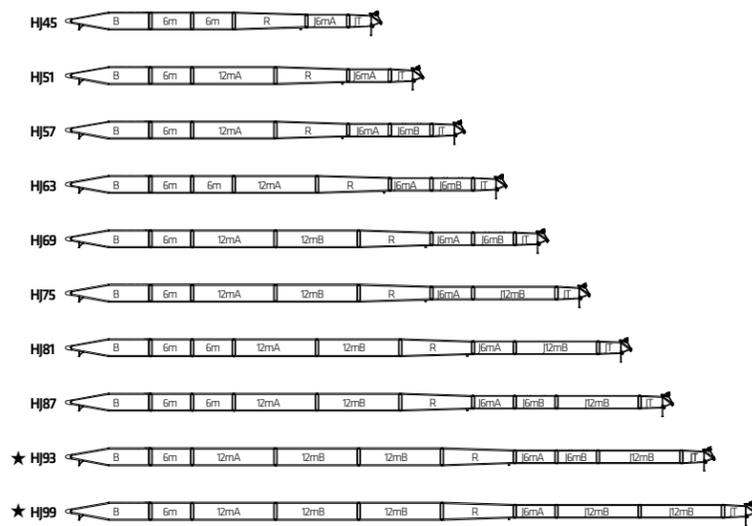
Note:

- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient;
- 6.See the Operation Manual for the complete load charts of HDB Configurations.

HDB configuration load chart										
Boom length 118.1~275.6ft, Superlift radius 49.2ft, Superlift counterweight 463Klb, Rear counterweight 330.7Klb, Carbody counterweight 88.2Klb										
Radius(ft)	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	Radius(ft)
	881.8*	881.8*								23.0
25.0	881.8*	881.8*								25.0
30.0	881.8*	881.8*	881.8*	769.4*	725.3*	615.0*				30.0
35.0	881.8	881.8	881.8	769.4*	725.3*	615.0*	541.6*	447.5*		35.0
40.0	878.8	878.6	878.6	769.4	725.3	615.0*	542.5*	447.7*	388.0*	40.0
45.0	855.3	853.4	853.4	769.4	725.3	615.0*	544.2*	449.4*	388.0*	45.0
50.0	778.5	777.7	777.7	747.5	725.3	631.4	543.1*	449.7*	389.3*	50.0
55.0	700.4	699.6	699.6	700.4	695.0	642.3	542.3	448.9*	389.3*	55.0
60.0	635.7	633.5	633.5	635.1	635.1	633.2	542.3	447.5	388.0*	60.0
65.0	582.0	579.8	579.8	578.0	578.0	577.8	542.3	447.5	388.0*	65.0
70.0	537.1	534.9	534.9	534.1	531.2	531.2	520.2	447.5	386.5	70.0
75.0	497.2	495.0	495.0	495.9	492.5	489.6	488.4	446.5	386.7	75.0
80.0	461.9	459.7	459.7	461.9	459.7	454.4	452.7	440.2	387.5	80.0
85.0	431.7	429.5	429.5	431.7	429.5	429.2	420.8	420.0	385.9	85.0
90.0	404.6	404.0	404.0	404.6	404.0	402.4	399.9	393.6	382.6	90.0
95.0	380.9	379.8	379.8	379.8	379.8	378.7	377.6	373.0	367.7	95.0
100.0	359.6	357.4	357.4	357.9	357.4	357.4	355.7	355.2	348.5	100.0
105.0		337.2	337.2	339.4	337.2	337.2	337.2	335.0	335.0	105.0
110.0		320.4	320.4	320.9	320.4	320.4	318.7	318.2	316.5	110.0
115.0		304.8	304.8	304.8	304.8	304.8	302.6	302.6	300.4	115.0
120.0		290.3	290.3	290.3	289.7	289.7	288.1	287.5	285.9	120.0
130.0			263.4	263.4	263.0	263.0	261.2	260.8	259.0	130.0
140.0				241.0	241.0	241.0	238.7	238.7	238.0	140.0
150.0				222.1	221.9	221.8	220.0	219.8	219.1	150.0
160.0					205.3	205.1	204.0	203.4	201.8	160.0
170.0					190.0	190.0	188.9	188.3	186.7	170.0
180.0						176.8	175.7	175.0	173.6	180.0
190.0							163.7	163.1	161.8	190.0
200.0							152.9	152.3	150.9	200.0
210.0								142.3	141.0	210.0
220.0								133.6	132.3	220.0
230.0									124.1	230.0
236.2									119.2	236.2

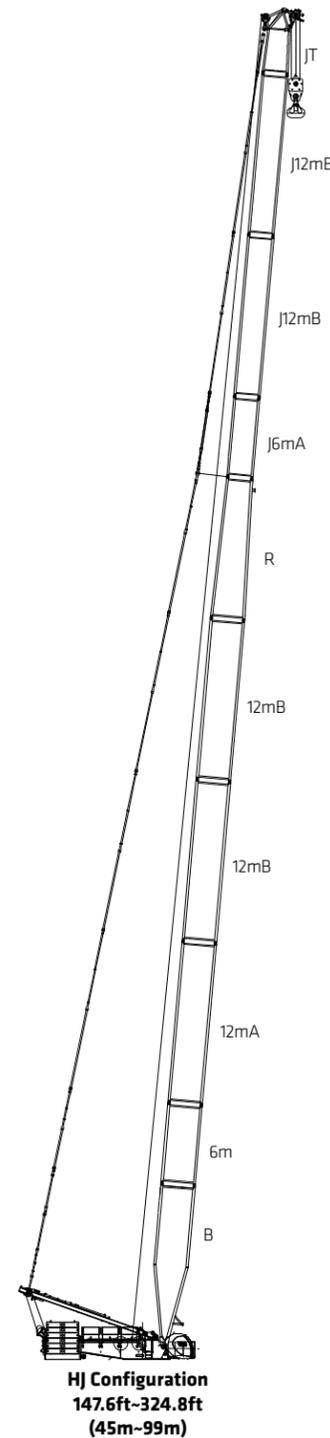
Note:For values marked with "\*", the superlift counterweight shall not leave the ground.

**Boom Combination of HJ**

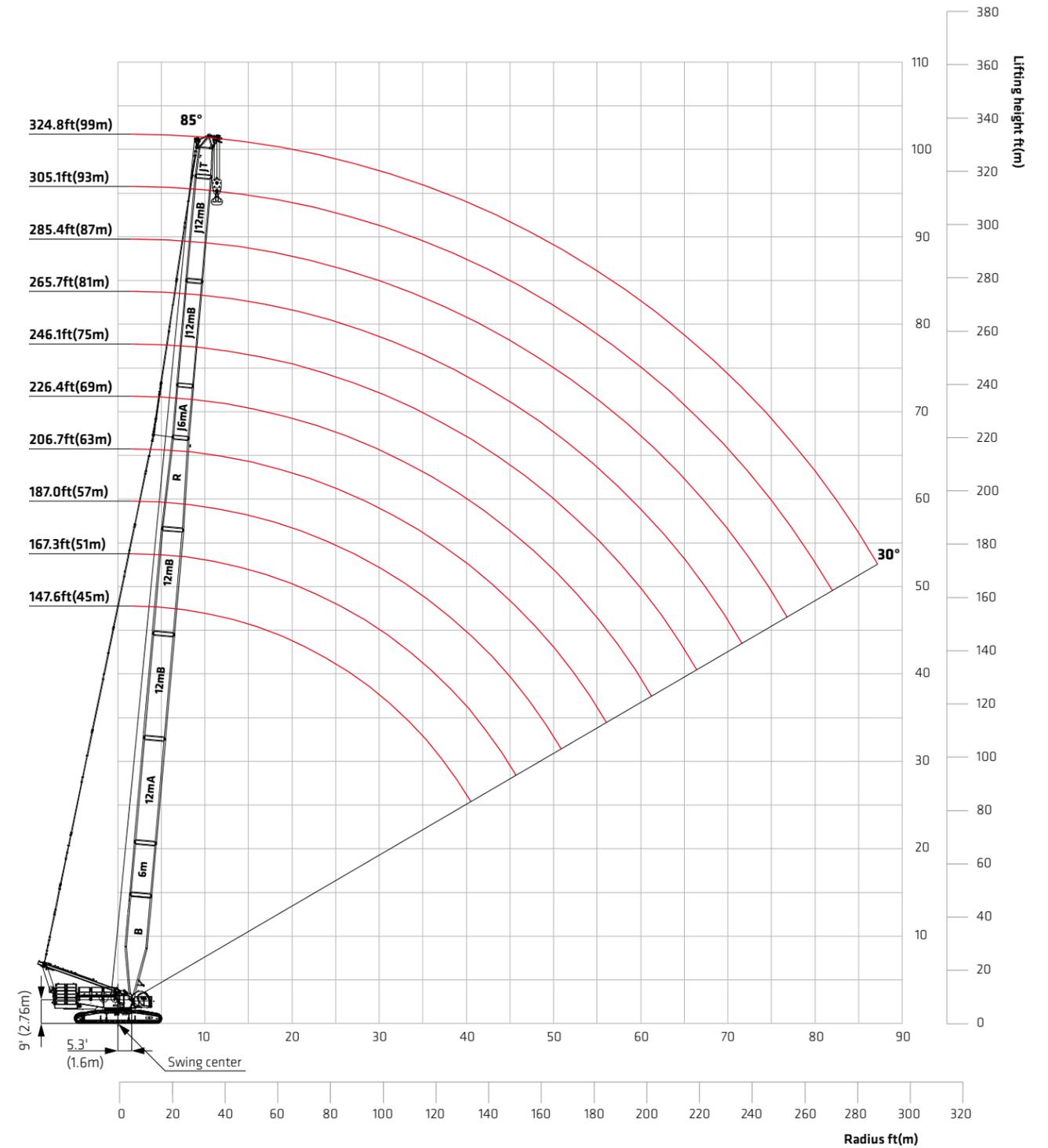


	Boom base
	Boom insert
	Boom insert
	Boom insert
	Tapered insert
	Boom tip
	Jib base
	Jib top
	Jib insert
	Jib insert
	Jib insert

Note:  
 1. The 39.4ft(12m) boom base, 34.4ft(10.5m) tapered insert, 19.8ft(6m) tapered jib insert, 14.8ft(4.5m) jib top are must.  
 2. For combinations marked with "★", the mid-point suspension cable must be used, otherwise, the boom may break.



**Working Radius in HJ**



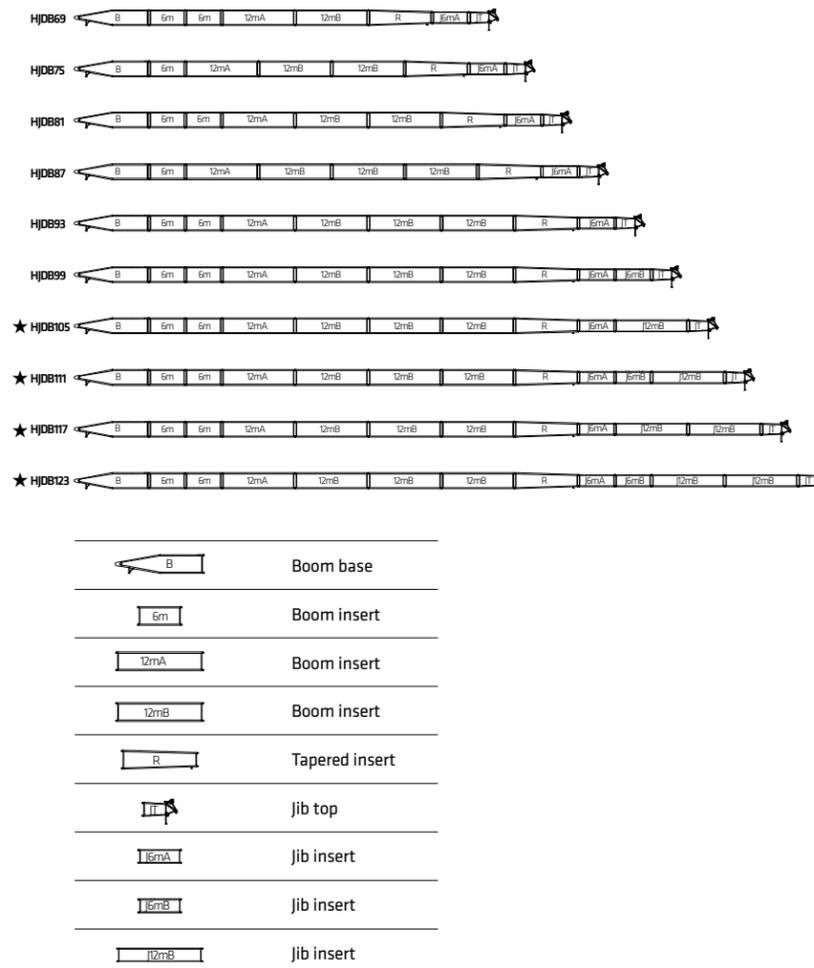
**Load Chart of HJ**

Note:

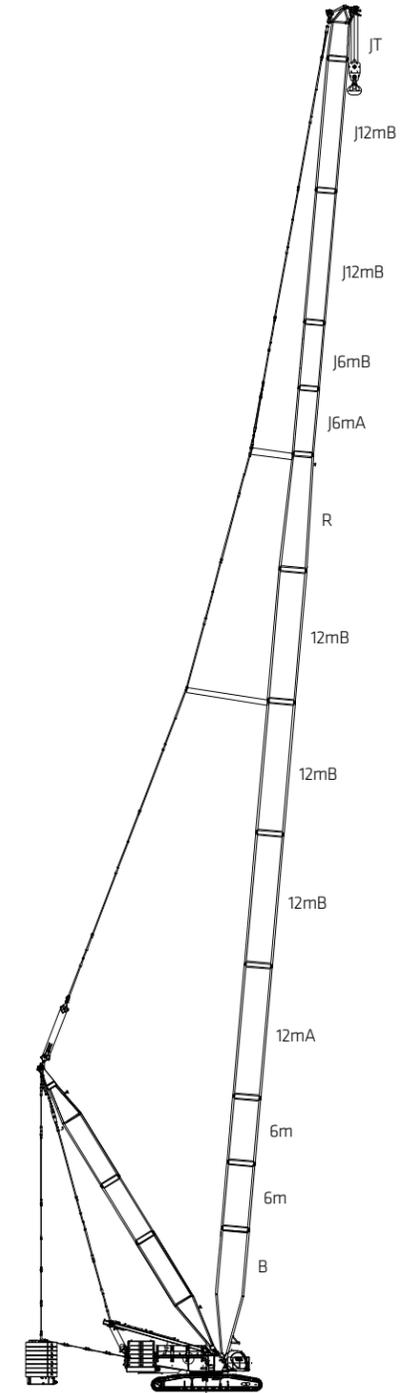
- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient.

HJ configuration load chart											
Boom length 147.6-324.8 ft,Rear counterweight 330.7Klb, Carbody counterweight 88.2Klb											
Radius(ft)	147.6	167.3	187.0	206.7	226.4	246.1	265.7	285.4	305.1	324.8	Radius(ft)
23.0	432.1										23.0
25.0	433.4										25.0
30.0	434.9	432.4	423.6	415.4	409.0						30.0
35.0	428.4	413.6	400.4	382.8	368.1	323.3	333.6				35.0
40.0	377.8	362.6	349.6	334.6	321.8	311.0	300.0	263.2	266.4	226.4	40.0
45.0	332.5	318.9	307.6	296.0	286.5	277.4	266.4	253.2	246.2	221.4	45.0
50.0	295.3	284.8	275.2	265.5	256.7	249.2	239.6	232.1	225.0	211.9	50.0
55.0	264.3	256.3	248.3	239.5	231.8	225.7	217.5	211.1	204.9	197.7	55.0
60.0	238.4	232.1	225.6	217.0	211.1	205.9	199.0	193.1	186.9	180.4	60.0
65.0	216.9	212.3	206.3	199.0	193.1	188.8	182.3	177.2	171.6	165.6	65.0
70.0	196.6	194.4	189.9	183.4	177.9	174.2	168.2	163.4	158.4	152.9	70.0
75.0	178.7	177.5	175.2	169.5	164.5	161.1	155.6	151.2	146.5	141.4	75.0
80.0	163.3	162.0	161.5	157.0	152.4	149.4	144.2	140.4	135.8	131.0	80.0
85.0	150.0	148.7	148.2	146.1	141.7	139.0	134.2	130.6	126.4	121.8	85.0
90.0	138.6	137.5	136.9	135.2	132.5	130.0	125.5	122.0	118.1	113.6	90.0
95.0	128.5	127.4	126.8	125.1	123.6	121.9	117.5	114.1	110.5	106.2	95.0
100.0	119.5	118.4	117.8	116.0	114.9	114.3	110.0	107.0	103.5	99.4	100.0
105.0	111.5	110.4	109.7	108.0	106.9	107.1	103.3	100.5	96.9	93.2	105.0
110.0	104.4	103.3	102.7	100.9	99.8	100.0	97.5	94.6	91.2	87.5	110.0
115.0	98.0	96.9	96.2	94.4	93.3	93.5	91.6	89.2	86.0	82.2	115.0
120.0	92.0	90.9	90.2	88.5	87.4	87.6	85.8	84.2	81.1	77.4	120.0
130.0	81.6	80.5	79.9	78.1	77.0	77.2	75.4	74.4	72.2	68.8	130.0
140.0		72.0	71.4	69.7	68.6	68.8	66.9	65.9	64.4	61.5	140.0
150.0			64.0	62.2	61.1	61.3	59.3	58.5	57.1	54.8	150.0
160.0				55.6	54.5	54.7	52.7	51.9	50.5	48.6	160.0
170.0				49.9	48.8	49.0	47.0	46.2	44.8	42.8	170.0
180.0				44.8	43.9	44.1	42.1	41.2	39.9	37.9	180.0
190.0					39.4	39.6	37.8	36.8	35.5	33.5	190.0
200.0						35.6	33.8	32.8	31.4	29.4	200.0
210.0							30.1	29.3	27.7	25.7	210.0
220.0							27.0	26.1	24.5	22.5	220.0
230.0							24.0	23.1	21.6	19.1	230.0
240.0								20.3	18.8	14.8	240.0
250.0									16.3	9.1	250.0
260.0									14.2	4.2	260.0
262.4									13.6	3.0	262.4

**Boom Combination in HJDB**



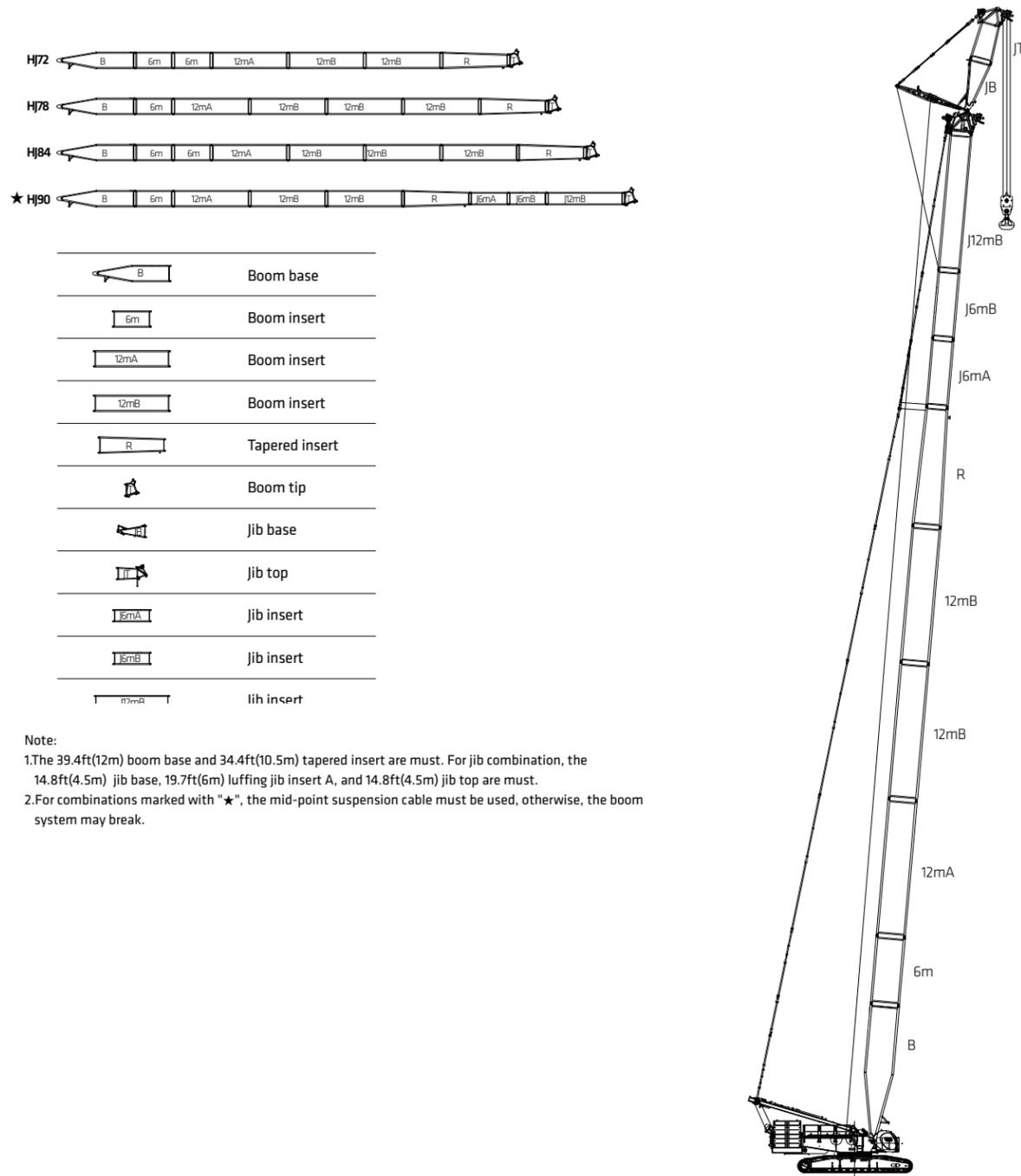
- Note:
- 1.The 39.4ft(12m) boom base, 34.4ft(10.5m) tapered insert, 19.7ft(6m) luffing jib insert A and 14.8ft(4.5m) jib top are must.
  - 2.For combinations marked with "★", the mid-suspension cable must be used, otherwise, the boom system may break.



**HJDB Configuration  
226.4ft~403.5ft  
(69m~123m)**



**Boom Combination of HJFJ**

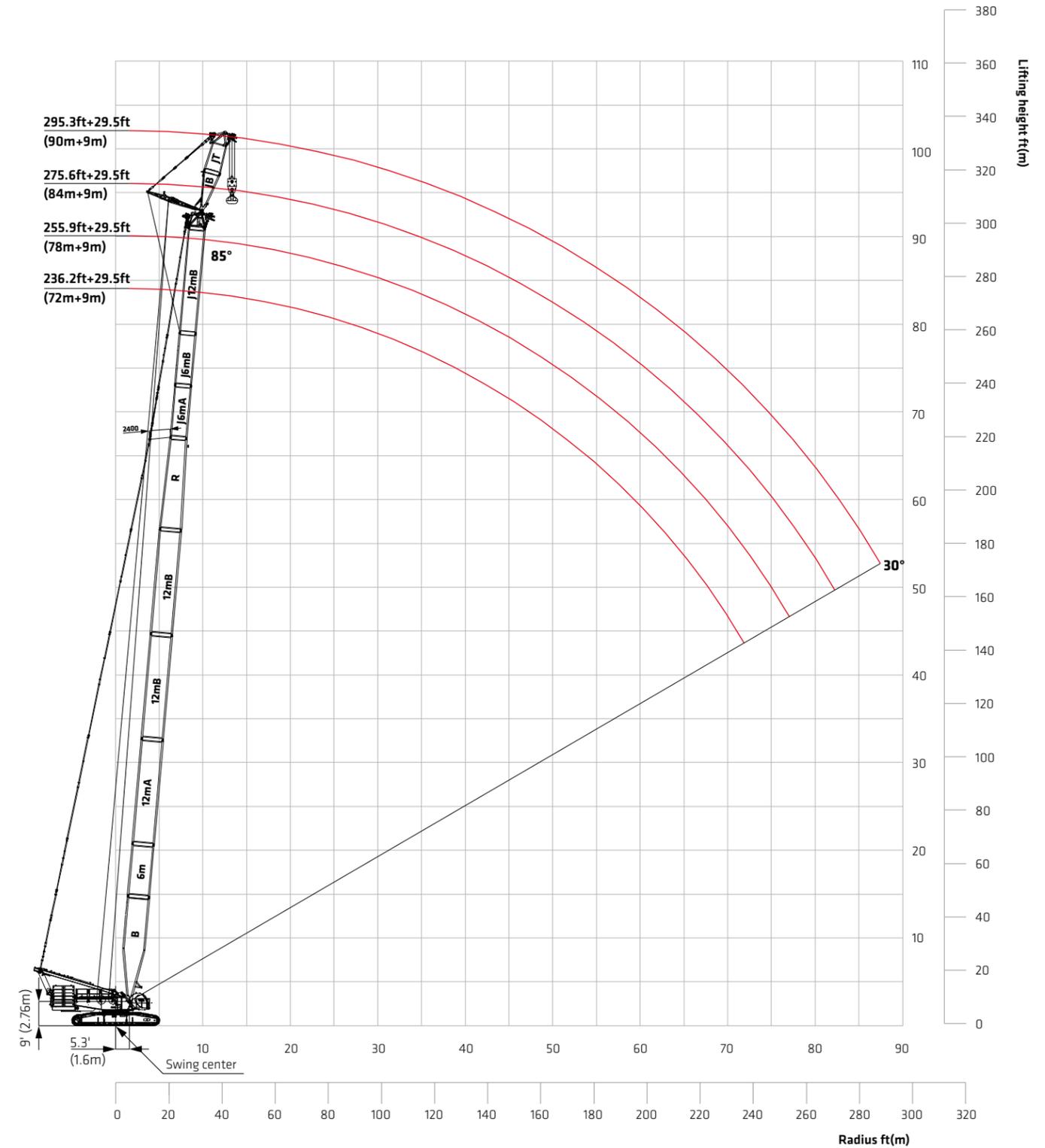


	Boom base
	Boom insert
	Boom insert
	Boom insert
	Tapered insert
	Boom tip
	Jib base
	Jib top
	Jib insert
	Jib insert
	Jib insert

Note:  
 1.The 39.4ft(12m) boom base and 34.4ft(10.5m) tapered insert are must. For jib combination, the 14.8ft(4.5m) jib base, 19.7ft(6m) luffing jib insert A, and 14.8ft(4.5m) jib top are must.  
 2.For combinations marked with "★", the mid-point suspension cable must be used, otherwise, the boom system may break.

**HJFJ onfiguration**  
 (236.2ft~295.3ft)+29.5ft  
 (72m~90m)+9m

**Working Radius in HJFJ**



**Load Chart of HJFJ**

Note:

- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient;
- 6.See the Operation Manual for the complete load charts of HJFJ Configuration.

HJFJ configuration load chart 1/3					
Boom length 236.2~295.3ft, Jib length 29.5ft, Offset angle 10°, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb					
Radius (ft)	236.2	255.9	275.6	295.3	Radius (ft)
46.0	251.3	242.5	233.6		46.0
50.0	230.9	222.9	214.8		50.0
55.0	208.0	200.8	193.5	159.0	55.0
60.0	187.9	181.4	174.8	156.1	60.0
65.0	170.7	164.9	158.9	152.9	65.0
70.0	156.1	150.8	145.3	143.5	70.0
75.0	143.0	138.2	133.1	132.8	75.0
80.0	131.4	126.8	122.1	122.1	80.0
85.0	121.0	116.7	112.3	112.3	85.0
90.0	112.0	107.9	103.7	104.0	90.0
95.0	103.7	99.8	95.7	96.3	95.0
100.0	96.1	92.4	88.4	89.2	100.0
105.0	89.2	85.7	81.7	82.6	105.0
110.0	83.0	79.6	75.8	76.7	110.0
115.0	77.3	74.1	70.3	71.3	115.0
120.0	71.9	68.8	65.2	66.2	120.0
130.0	62.4	59.5	56.1	57.2	130.0
140.0	54.0	51.6	48.3	49.5	140.0
150.0	46.5	44.5	41.3	42.6	150.0
160.0	39.7	38.2	35.1	36.5	160.0
170.0	33.8	32.5	29.6	30.9	170.0
180.0	28.6	27.2	24.9	26.2	180.0
190.0	23.9	22.6	20.5	21.8	190.0
200.0	19.7	18.4	16.4	17.8	200.0
210.0	16.0	14.7	12.7	14.3	210.0
220.0	12.7	11.4	9.4	10.9	220.0
230.0	9.4	8.2	6.4	7.9	230.0
240.0		5.3	3.6	5.1	240.0
249.3		2.8	1.1	2.6	249.3

**Load Chart of HJFJ**

HJFJ configuration load chart 2/3					
Boom length 236.2~295.3ft, Jib length 29.5ft, Offset angle 15°, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb					
Radius (ft)	236.2	255.9	275.6	295.3	Radius (ft)
46.0	253.5	244.7			46.0
50.0	233.0	225.1			50.0
55.0	210.0	202.9	195.7	147.1	55.0
60.0	189.8	183.3	176.8	144.7	60.0
65.0	172.5	166.7	160.9	141.6	65.0
70.0	157.7	152.4	147.0	139.8	70.0
75.0	144.5	139.7	134.6	133.4	75.0
80.0	132.7	128.3	123.6	123.4	80.0
85.0	122.3	118.1	113.6	113.6	85.0
90.0	113.1	109.1	104.8	105.2	90.0
95.0	104.8	100.9	96.8	97.3	95.0
100.0	97.2	93.5	89.5	90.0	100.0
105.0	90.1	86.6	82.8	83.5	105.0
110.0	83.9	80.5	76.8	77.6	110.0
115.0	78.0	74.8	71.2	72.1	115.0
120.0	72.6	69.5	66.0	67.0	120.0
130.0	63.0	60.2	56.8	57.9	130.0
140.0	54.7	52.1	49.0	50.1	140.0
150.0	47.0	45.0	41.9	43.1	150.0
160.0	40.1	38.6	35.6	36.9	160.0
170.0	34.0	32.7	30.0	31.4	170.0
180.0	28.8	27.6	25.1	26.5	180.0
190.0	24.1	22.9	20.7	22.1	190.0
200.0	19.9	18.6	16.6	18.1	200.0
210.0	16.0	14.7	12.9	14.3	210.0
220.0	12.7	11.4	9.6	11.1	220.0
230.0	9.4	8.2	6.5	8.0	230.0
240.0		5.3	3.6	5.1	240.0
249.3		2.8	1.1	2.6	249.3

**Load Chart of HJFJ**

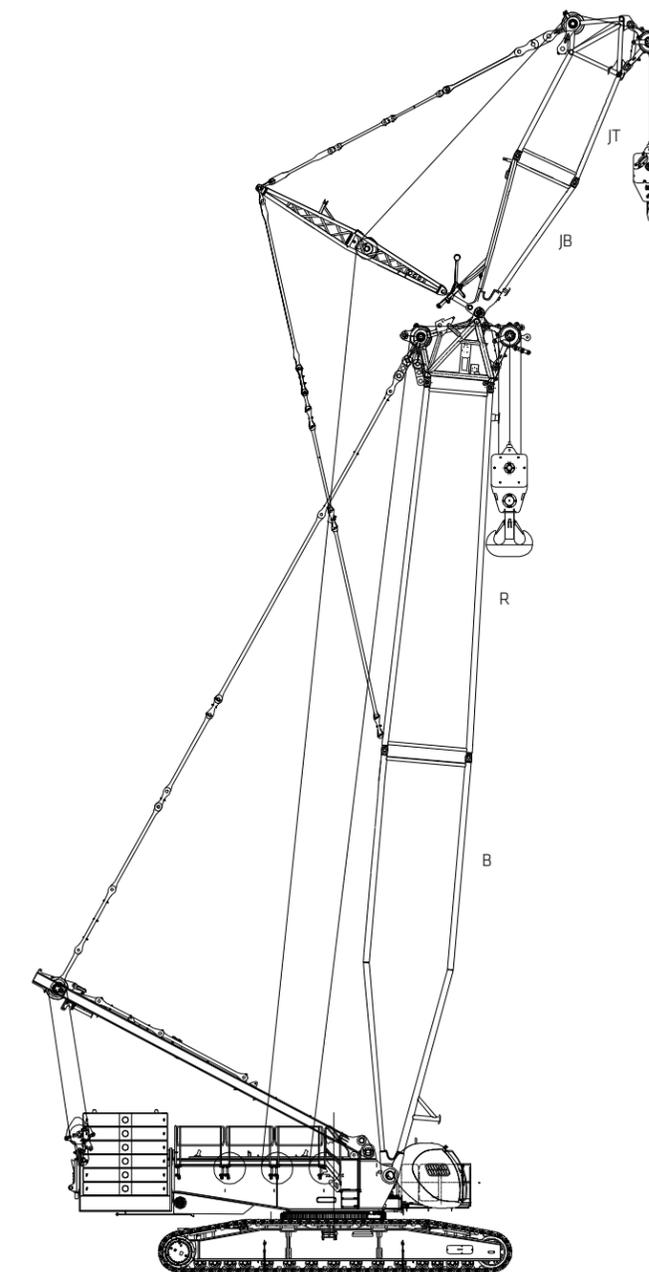
HJFJ configuration load chart 3/3					
Boom length 236.2-295.3ft, Jib length 29.5ft, Offset angle 20°, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb					
Radius (ft)	236.2	255.9	275.6	295.3	Radius (ft)
46.0	255.7				46.0
50.0	233.8				50.0
55.0	210.5	204.5	197.3	135.9	55.0
60.0	191.1	184.8	178.3	134.2	60.0
65.0	173.6	168.0	162.0	132.8	65.0
70.0	158.8	153.6	148.1	131.0	70.0
75.0	145.6	140.7	135.6	128.7	75.0
80.0	133.7	129.2	124.4	124.3	80.0
85.0	123.2	119.0	114.5	114.5	85.0
90.0	113.8	110.0	105.7	105.9	90.0
95.0	105.4	101.7	97.6	97.9	95.0
100.0	97.8	94.1	90.2	90.7	100.0
105.0	90.8	87.2	83.5	84.2	105.0
110.0	84.4	81.2	77.4	78.1	110.0
115.0	78.6	75.5	71.9	72.5	115.0
120.0	73.2	70.1	66.7	67.4	120.0
130.0	63.5	60.6	57.3	58.3	130.0
140.0	55.0	52.6	49.4	50.5	140.0
150.0	47.2	45.3	42.3	43.4	150.0
160.0	40.3	38.8	36.0	37.1	160.0
170.0	34.3	32.9	30.3	31.6	170.0
180.0	29.0	27.8	25.4	26.7	180.0
190.0	24.3	23.1	20.9	22.2	190.0
200.0	20.1	18.8	16.9	18.2	200.0
210.0	16.0	14.9	13.2	14.5	210.0
220.0	12.7	11.4	9.8	11.1	220.0
230.0	9.4	8.2	6.7	8.0	230.0
240.0		5.3	3.7	5.1	240.0
249.3		2.8	1.1	2.6	249.3

**Boom Combination in FJh**



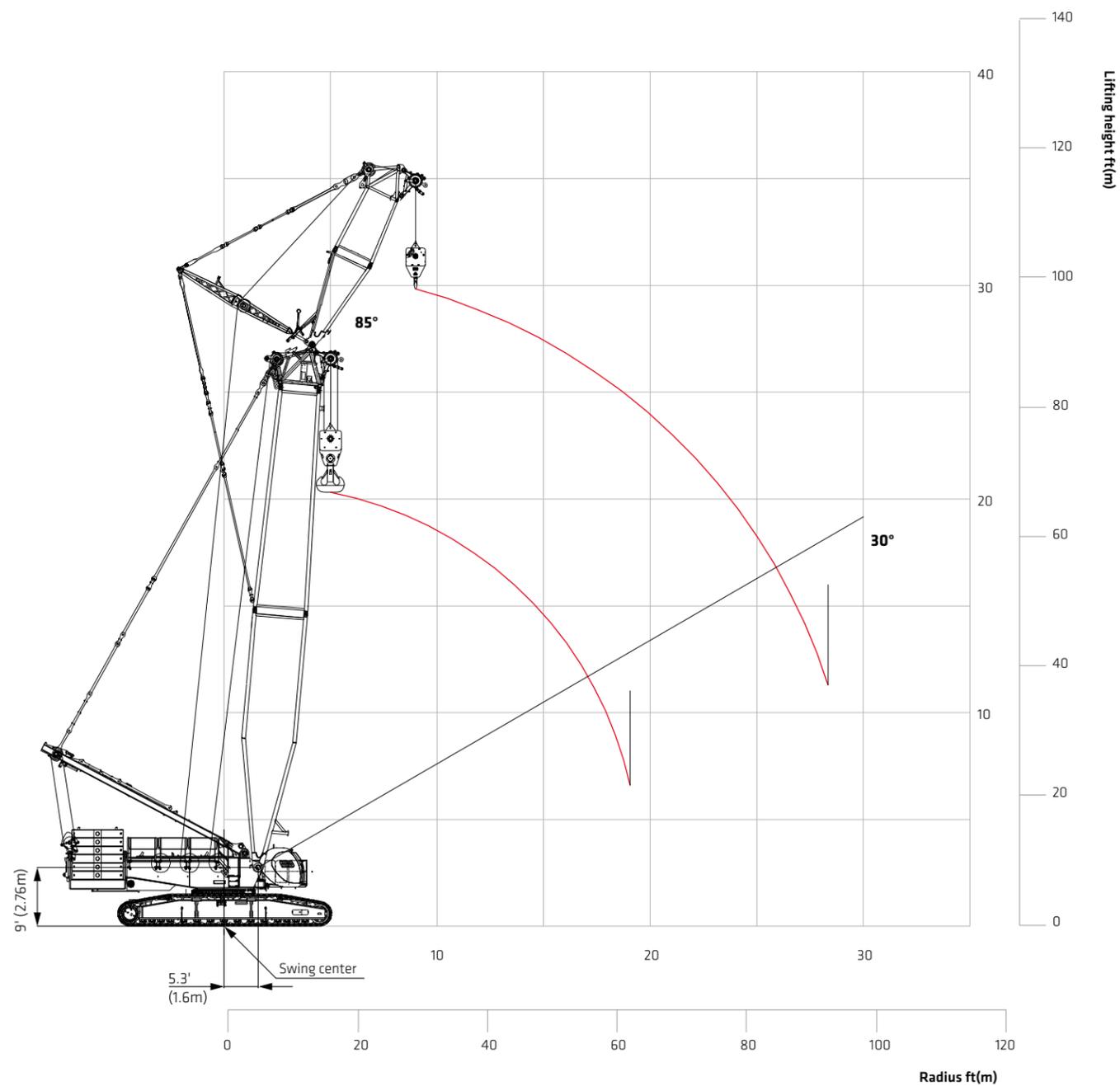
- Boom base
- Tapered insert
- Boom tip
- jib base
- jib top

Note:  
The 78.7ft(24m) basic boom consists of 39.4ft(12m) boom base, 34.4ft(10.5m) tapered insert and 4.9ft(1.5m) boom tip. The 29.5ft(9m) jib combination of FJh Configuration is the same as that of HJFJ Configuration.



**FJh Configuration**  
78.7ft+29.5ft  
(24m+9m)

**Working Radius of Fjh**



**Load Chart of Fjh**

Unit:klb

- Note:
- 1.The rated load in the load chart is calculated complying with ASME B30.5;
  - 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
  - 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
  - 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
  - 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient;
  - 6.See the Operation Manual for the complete load charts of Fjh Configuration.

**Fjh\_H configuration load chart**

Boom length 78.7ft, Jib length 29.5ft, Offset angle 20°, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb

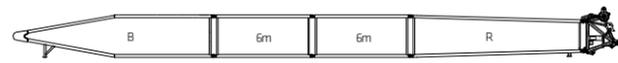
Radius(ft)	Boom length(ft)	
	78.7	Radius(ft)
18.1	881.8	18.1
20.0	877.4	20.0
25.0	761.7	25.0
30.0	610.2	30.0
35.0	495.2	35.0
40.0	416.8	40.0
45.0	347.9	45.0
50.0	296.8	50.0
55.0	255.6	55.0
60.0	222.3	60.0
65.0	197.5	65.0
70.0	176.4	70.0
72.1	167.5	72.1

**Fjh configuration load chart**

Boom length 78.7ft, Jib length 29.5ft, Offset angle 20°, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb

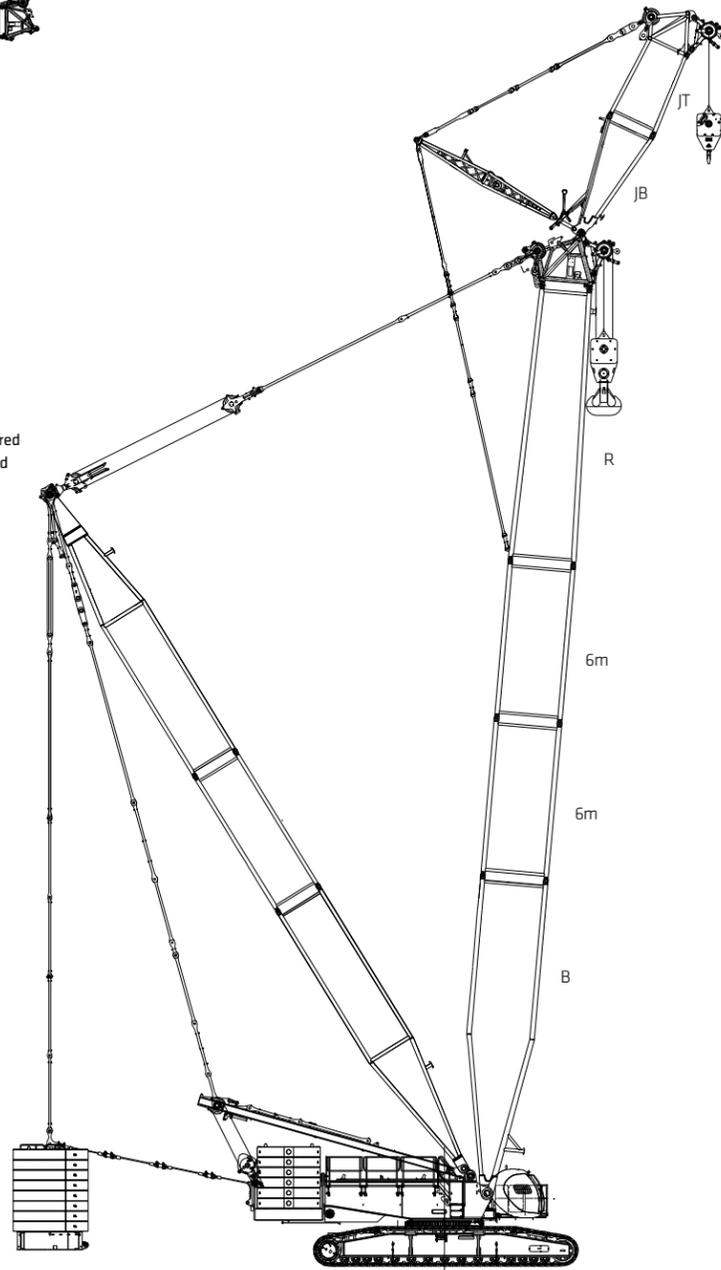
Radius(ft)	Boom length(ft)	
	78.7	Radius(ft)
32.9	368.1	32.9
35.0	357.8	35.0
40.0	334.9	40.0
45.0	316.5	45.0
50.0	299.3	50.0
55.0	274.1	55.0
60.0	241.9	60.0
65.0	215.7	65.0
70.0	194.2	70.0
75.0	175.7	75.0
80.0	159.6	80.0
85.0	145.6	85.0
90.0	133.9	90.0
95.0	123.3	95.0
100.0	113.5	100.0
104.9	104.7	104.9

**Boom Combination of FjhDB**



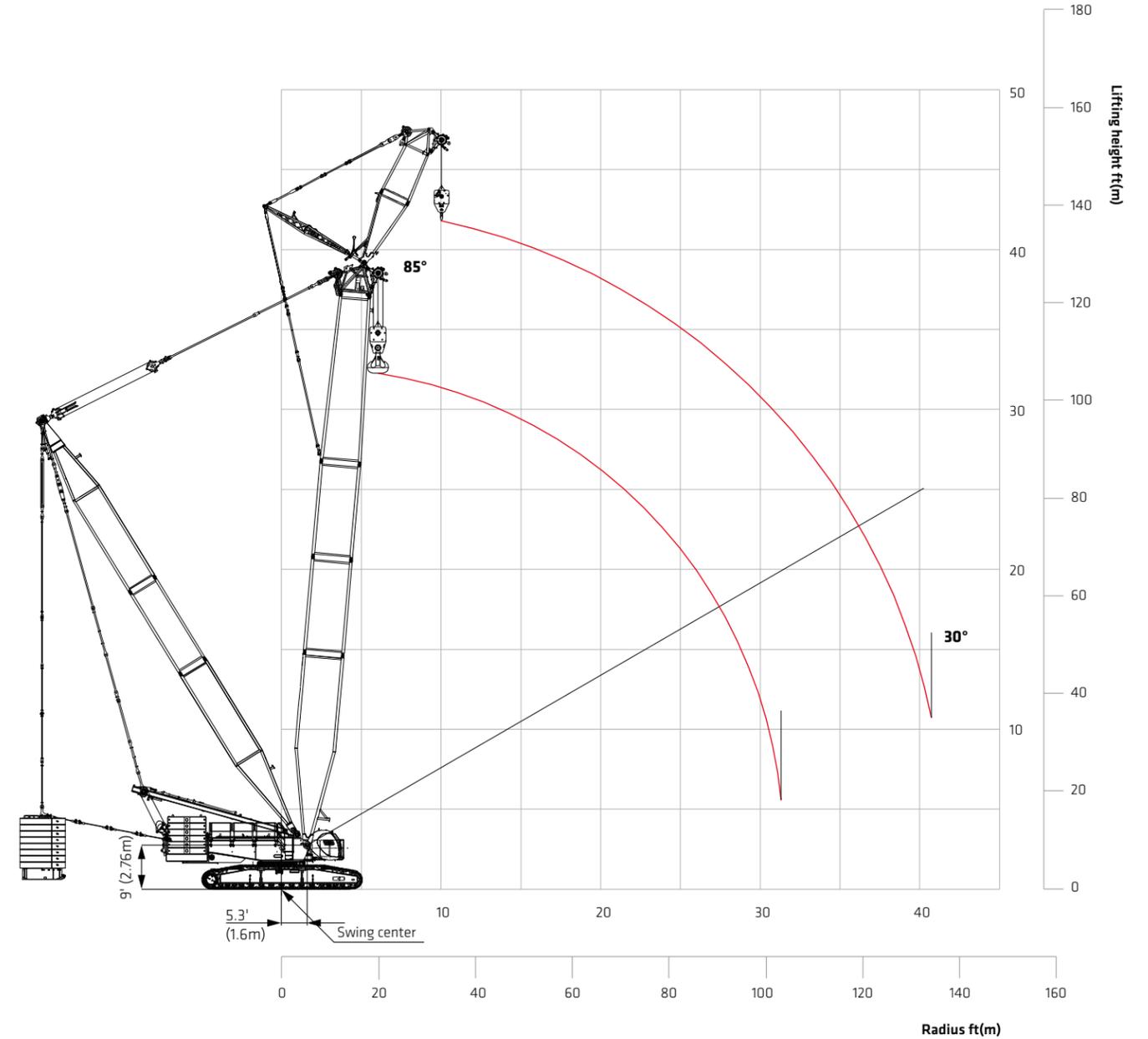
	Boom base
	Boom insert
	Tapered insert
	Boom tip
	Jib base
	Jib top

Note:  
The 78.7ft(24m) basic boom consists of 39.4ft(12m) boom base, 34.4ft(10.5m) tapered insert and 4.9ft(1.5m) boom tip. For jib combination, the 14.8ft(4.5m) jib base, and 14.8ft(4.5m) jib top are must.



**FjhDB Configuration**  
118.12ft+29.5ft  
(36m+9m)

**Working Radius of FjhDB**



**Load Chart of FjhDB**

Note:

- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient;
- 6.See the Operation Manual for the complete load charts of FjhDB Configuration.

FjhDB_H configuration load chart		
Boom length 118.1~118.1ft, Jib length29.5ft, Boom to jib angle 20°, Superlift radius 49.2ft, Superlift counterweight 462,962lb, Rear counterweight 330,687lb, Carbody counterweight 88,183lb		
Radius (ft)	Boom length (ft)	
	118.1	Radius (ft)
23.0	881.8*	23.0
25.0	881.8*	25.0
30.0	881.8*	30.0
35.0	881.8	35.0
40.0	877.4	40.0
45.0	842.1	45.0
50.0	764.4	50.0
55.0	686.3	55.0
60.0	620.3	60.0
65.0	566.6	65.0
70.0	521.6	70.0
75.0	481.7	75.0
80.0	446.5	80.0
85.0	416.2	85.0
90.0	389.2	90.0
95.0	365.4	95.0
100.0	344.1	100.0
104.9	324.0	104.9

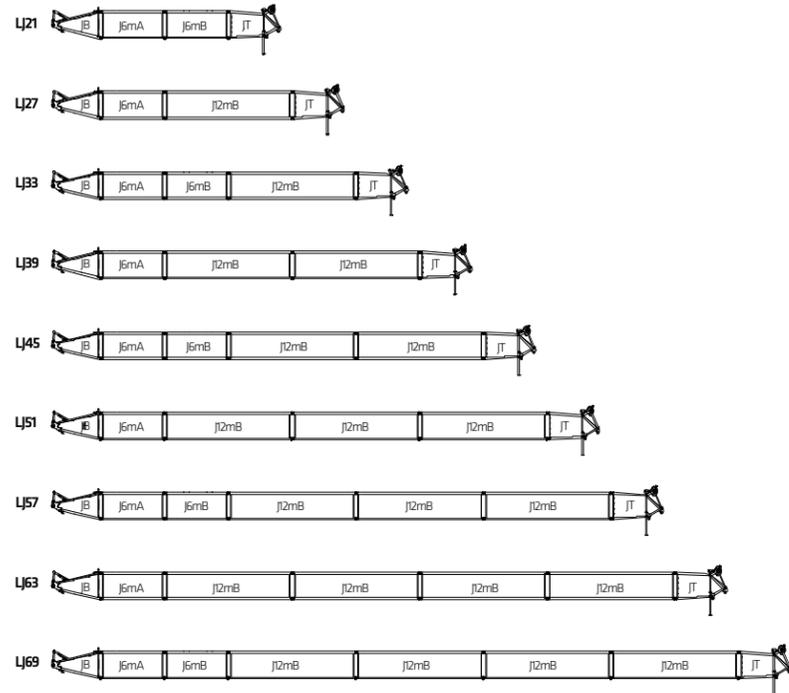
Note:For values marked with "\*", the superlift counterweight shall not leave the ground.

**Load Chart of FjhDB**

FjhDB configuration load chart		
Boom length 118.1~118.1ft, Jib length29.5ft, Boom to jib angle 20°, Superlift radius 49.2ft, Superlift counterweight 462,962lb, Rear counterweight 330,687lb, Carbody counterweight 88,183lb		
Radius (ft)	Boom length(ft)	
	29.5	Radius (ft)
36.1	372.5*	36.1
40.0	359.2*	40.0
45.0	340.7*	45.0
50.0	326.3*	50.0
55.0	312.9*	55.0
60.0	300.1*	60.0
65.0	290.0*	65.0
70.0	279.9*	70.0
75.0	269.8*	75.0
80.0	260.6*	80.0
85.0	253.9*	85.0
90.0	245.6*	90.0
95.0	239.3*	95.0
100.0	234.8*	100.0
105.0	231.4*	105.0
110.0	226.4*	110.0
115.0	221.8	115.0
120.0	217.7	120.0
130.0	211.4	130.0
131.2	210.7	131.2

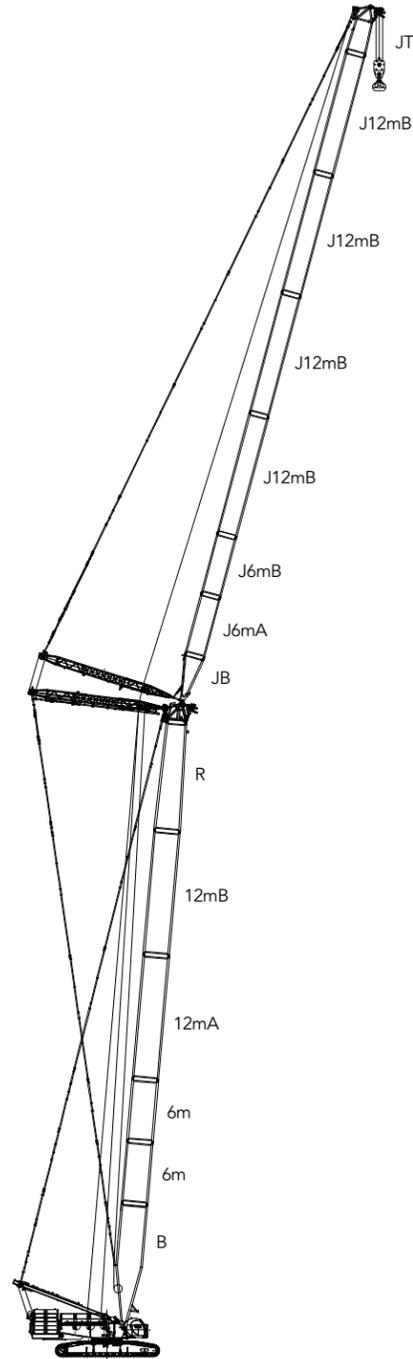
Note:For values marked with "\*", the superlift counterweight shall not leave the ground.

**Boom Combination in LJ**



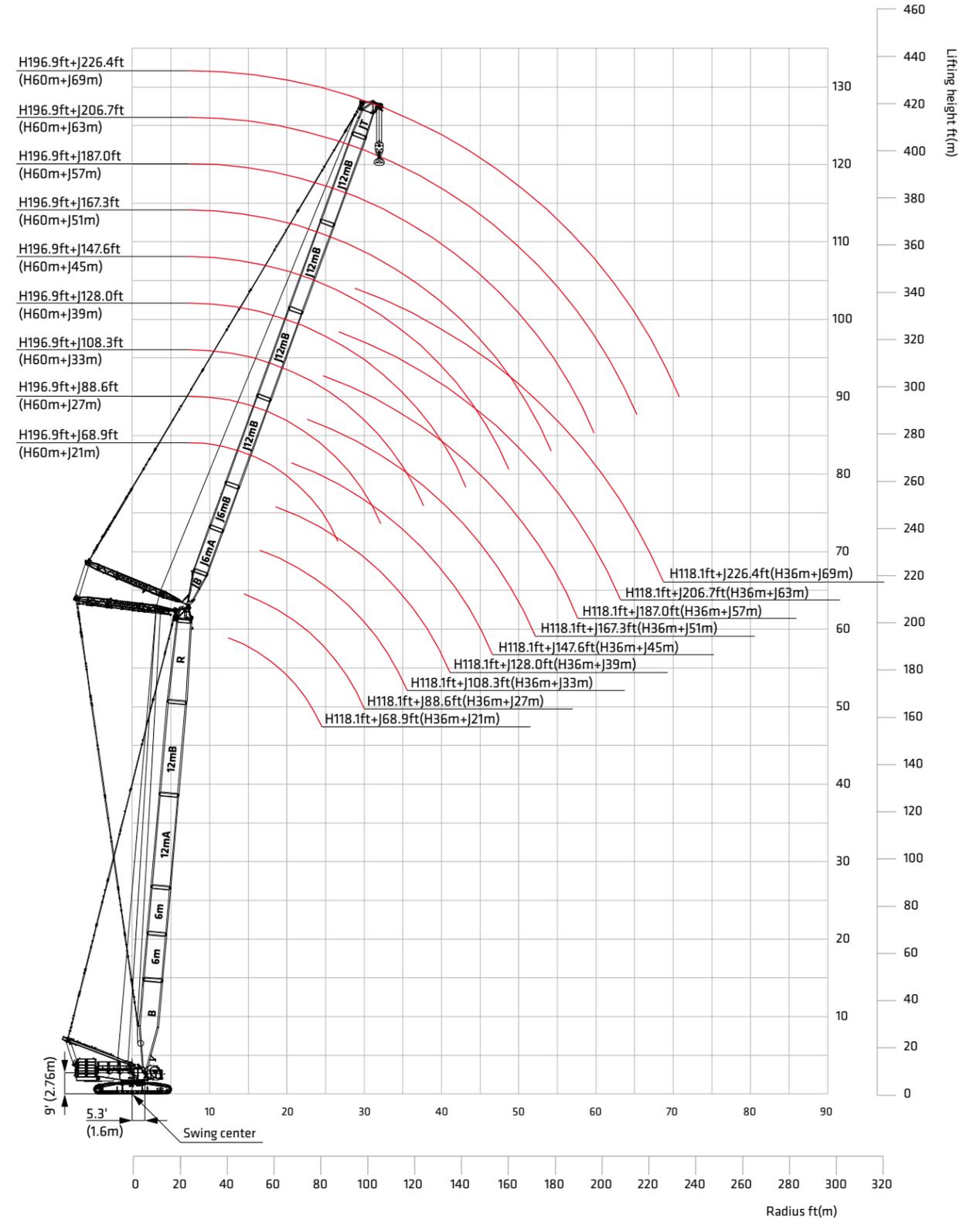
	Boom base
	Boom insert
	Boom insert
	Boom insert
	Tapered insert
	Boom tip
	Jib base
	Jib top
	Jib insert
	Jib insert
	Jib insert

Note: The 118.1ft-196.9ft(36m-60m) boom combination is the same as that of the H Configuration. For jib combination, the 14.8ft(4.5m) jib base, 19.7ft(6m) luffing jib insert A, and 14.8ft(4.5m) jib top are must.



**LJ Configuration**  
**(118.1ft-196.9ft)+(68.9ft-226.4ft)**  
**(36m-60m)+(21m-69m)**

**Working Radius in LJ**



**Load Chart of LJ**

Note:

- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the center of turntable bearing;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is on firm and level ground with less than 1% gradient;
- 6.See the Operation Manual for the complete load charts of LJ Configuration.

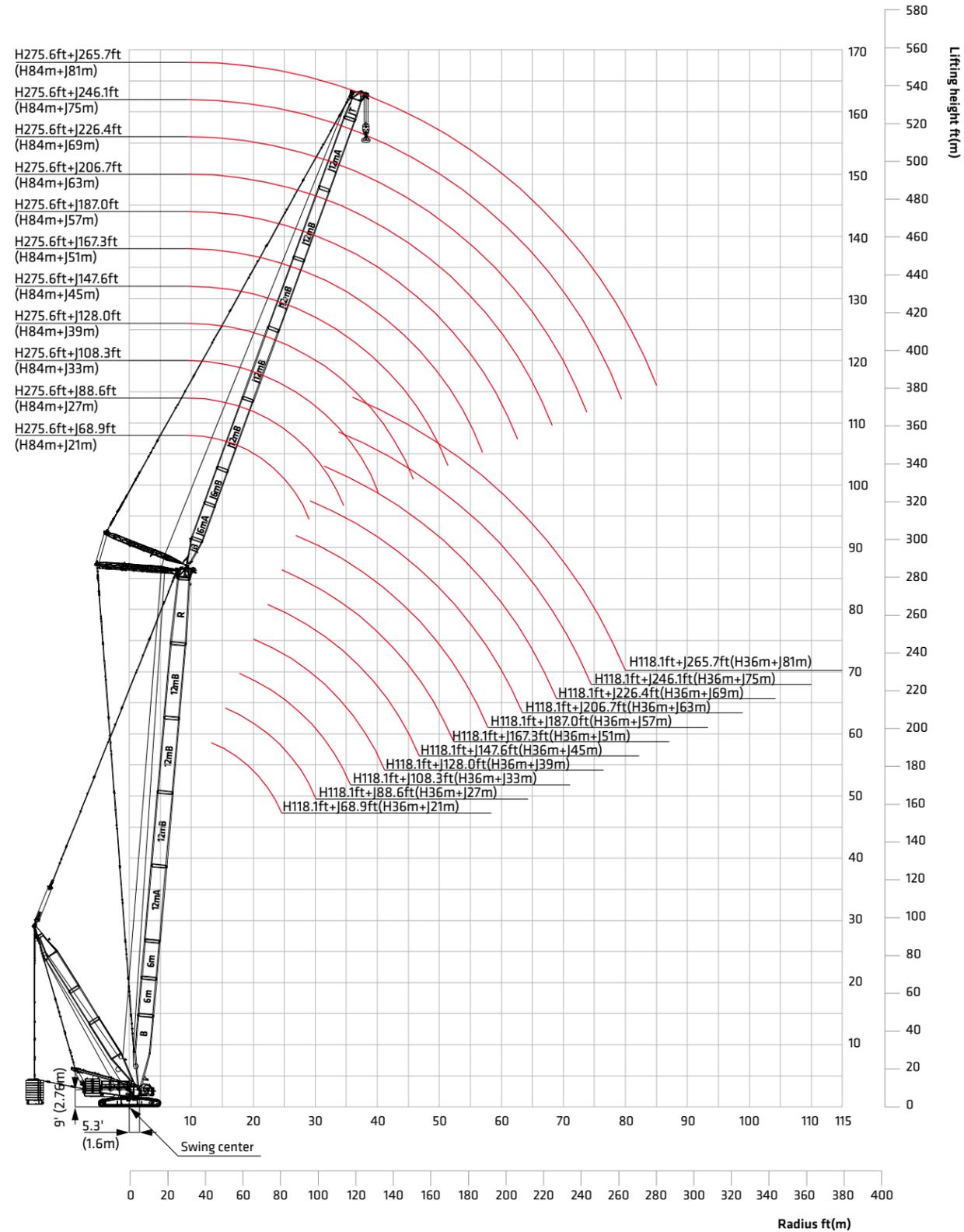
LJ configuration load chart 1/3										
Boom length 118.1ft, Boom angle 85°, Jib length 68.9~226.4ft, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb										
Radius (ft)	Jib length (ft)									Radius (ft)
	68.9	88.6	108.3	128.0	147.6	167.3	187.0	206.7	226.4	
39.4	368.1									39.4
40.0	363.0									40.0
45.0	322.7									45.0
50.0	290.6	281.8								50.0
55.0	263.7	255.8	246.9							55.0
60.0	241.2	234.7	226.2	219.7	214.1					60.0
65.0	222.7	217.1	209.9	204.0	197.9					65.0
70.0	207.3	201.6	195.2	189.9	184.2	179.2				70.0
75.0	193.4	187.9	182.0	177.1	171.9	167.2	162.3			75.0
80.0		175.8	170.2	165.6	160.8	156.5	151.9	147.8		80.0
85.0		165.1	159.8	155.5	150.9	147.1	142.7	138.9		85.0
90.0		154.8	150.6	146.7	142.4	138.7	134.6	131.0	126.7	90.0
95.0		144.7	142.3	138.7	134.5	131.0	127.1	123.7	120.1	95.0
100.0			134.3	131.4	127.3	124.0	120.3	117.1	113.6	100.0
105.0			126.3	124.5	120.7	117.7	114.1	111.0	107.5	105.0
110.0			118.9	118.3	114.9	112.0	108.6	105.7	102.3	110.0
115.0			111.9	111.8	109.5	106.7	103.4	100.5	97.3	115.0
120.0				105.6	104.2	101.8	98.5	95.7	92.7	120.0
130.0				94.9	94.0	92.9	89.8	87.4	84.5	130.0
140.0					85.1	84.5	82.6	80.2	77.5	140.0
150.0					77.2	76.8	75.6	73.8	71.1	150.0
160.0						69.9	68.8	67.9	65.5	160.0
170.0						64.0	62.9	62.0	60.4	170.0
180.0							57.8	56.9	55.7	180.0
190.0							53.1	52.4	51.2	190.0
200.0								48.3	47.1	200.0
210.0									43.4	210.0
220.0									40.0	220.0
230.0									36.9	230.0
236.2									35.0	236.2

**Load Chart of LJ**

LJ configuration load chart 2/3										
Boom length 157.5ft, Boom angle 85°, Jib length 68.9~226.4ft, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb										
Radius (ft)	Jib length (ft)									Radius (ft)
	68.9	88.6	108.3	128.0	147.6	167.3	187.0	206.7	226.4	
46.0	291.0									46.0
50.0	269.1									50.0
55.0	244.7	236.8	229.0							55.0
60.0	224.0	217.5	211.5	205.4						60.0
65.0	207.9	202.2	195.7	190.3						65.0
70.0	193.5	188.3	182.2	177.3	171.7					70.0
75.0	180.6	175.8	170.2	165.6	160.5	156.3				75.0
80.0	169.2	164.8	159.4	155.3	150.5	146.6	142.0	138.1		80.0
85.0	159.3	154.9	149.8	146.0	141.6	137.8	133.6	129.9		85.0
90.0		146.2	141.5	137.9	133.6	130.0	126.0	122.6	116.8	90.0
95.0		138.4	133.9	130.4	126.4	123.0	119.2	116.0	112.2	95.0
100.0		131.3	126.9	123.7	119.7	116.7	113.0	109.9	106.2	100.0
105.0			120.5	117.4	113.7	110.6	107.1	104.2	100.7	105.0
110.0			114.8	111.9	108.2	105.4	101.9	99.2	95.8	110.0
115.0			109.6	106.7	103.1	100.4	97.1	94.5	91.2	115.0
120.0			104.3	101.9	98.4	95.8	92.7	90.1	86.8	120.0
130.0				93.3	90.2	87.6	84.6	82.2	79.1	130.0
140.0				84.8	83.1	80.7	77.8	75.4	72.6	140.0
150.0					76.1	74.5	71.7	69.4	66.7	150.0
160.0						68.7	66.2	64.0	61.4	160.0
170.0						63.1	61.3	59.3	56.7	170.0
180.0							56.8	55.1	52.6	180.0
190.0							52.3	51.2	48.9	190.0
200.0								47.5	45.5	200.0
210.0									42.3	210.0
220.0									39.2	220.0
230.0									36.2	230.0
236.2									34.3	236.2



**Working Radius in LJDB**



**Load Chart of LJDB**

Note:

- 1.The rated load in the load chart is calculated complying with ASME B30.5;
- 2.The working radius is the horizontal distance from the load center to the swing center;
- 3.The actual lifting capacity must subtract the weight of hooks and other riggings from the rated capacity in the load chart;
- 4.The load value is calculated when the object is hung freely,without considering the influence of wind on the load, ground conditions and slope, operation speed and the influence of any other negative factors over safe operation. Therefore, the operator bears the responsibility of making a judgment and decreasing the load and lowering speed;
- 5.All ratings are calculated when the machine is parking on firm and level ground with less than 1% gradient;
- 6.See the Operation Manual for the complete load charts of LJDB Configuration.

LJDB configuration load chart												
Boom length 275.6ft, Boom angle 85°, Jib length 68.9~265.7ft, Superlift Counterweight Radius 49.2ft Superlift Counterweight 463.0klb, Rear counterweight 330.7klb, Carbody Counterweight 88.2klb												
Radius (ft)	Jib length (ft)											Radius (ft)
	68.9	88.6	108.3	128.0	147.6	167.3	187.0	206.7	226.4	246.1	265.7	
52.5	229.2*											52.5
55.0	226.7*											55.0
60.0	221.8*	197.6*										60.0
65.0	217.2*	193.8*										65.0
70.0	211.5*	189.8*	168.2*									70.0
75.0	205.5*	185.4*	165.3*	146.2*								75.0
80.0	199.7*	181.0*	162.0*	144.0*	127.4*	111.7*						80.0
85.0	194.3*	176.6*	158.7*	141.6*	125.9*	110.7*						85.0
90.0	189.5*	172.2*	155.3*	139.1*	124.1*	109.8*	96.1*					90.0
95.0		168.0*	151.9*	136.6*	122.2*	108.7*	95.3*	83.0*				95.0
100.0		163.9*	148.6*	134.0*	120.4*	107.3*	94.4*	82.4*	71.4*	61.4*		100.0
105.0		160.0*	145.2*	131.3*	118.6*	106.0*	93.4*	81.7*	70.9*	61.0*	52.0*	105.0
110.0		156.3*	142.0*	128.7*	116.5*	104.5*	92.4*	81.1*	70.4*	60.7*	51.6*	110.0
115.0			138.6*	126.1*	114.5*	103.0*	91.3*	80.3*	69.9*	60.2*	51.3*	115.0
120.0			134.1*	123.6*	112.5*	101.5*	90.1*	79.4*	69.4*	59.8*	51.0*	120.0
130.0			123.1*	116.0*	108.5*	98.2*	87.8*	77.8*	68.0*	58.9*	50.3*	130.0
140.0				107.0*	101.2*	94.4*	85.4*	75.9*	66.7*	57.8*	49.5*	140.0
150.0					93.7*	89.2*	82.4*	74.0*	65.2*	56.6*	48.6*	150.0
160.0					86.6*	82.8*	78.4*	71.8*	63.7*	55.4*	47.8*	160.0
170.0					80.4*	76.6*	73.2*	69.1*	62.2*	54.3*	46.7*	170.0
180.0						71.3*	68.2*	64.9*	60.7*	53.2*	45.7*	180.0
190.0							63.5*	60.6*	57.8*	52.0*	44.7*	190.0
200.0							59.1*	56.6*	54.2*	50.4*	43.7*	200.0
210.0								53.1*	50.6*	48.2*	42.5*	210.0
220.0								49.5*	47.3*	45.0*	38.5*	220.0
230.0									44.4*	42.3*	34.8*	230.0
240.0									41.8*	39.8*	31.4*	240.0
250.0										37.5*	28.4*	250.0
260.0										34.6*	25.6*	260.0
270.0											23.0*	270.0
275.5											21.6*	275.5