



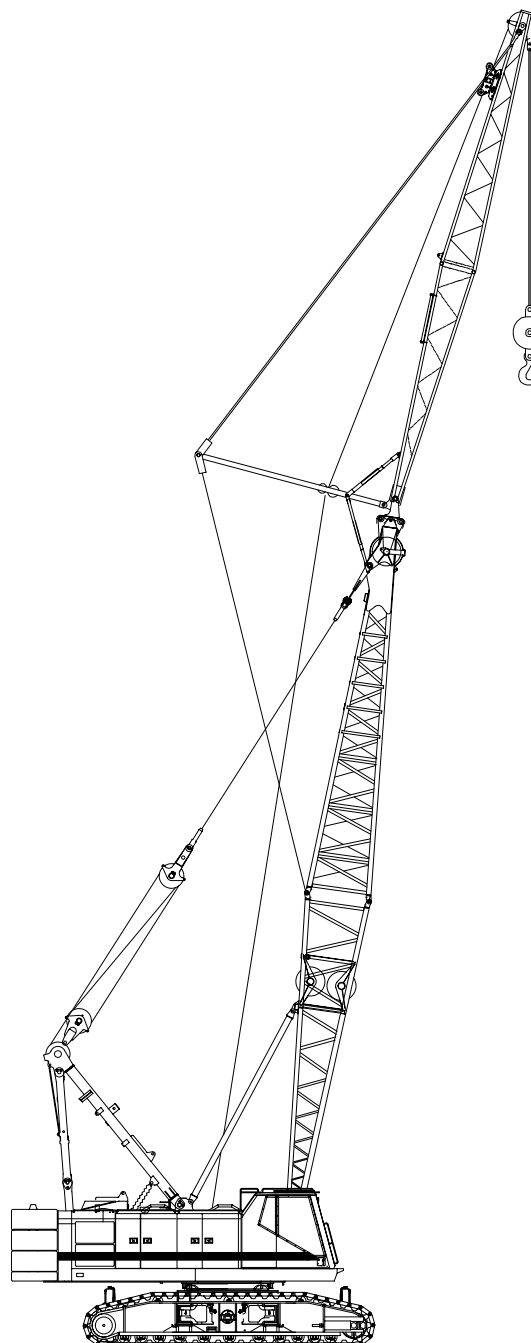
Jib Capacities

Lattice Boom Crawler Crane

LS-308H II 110-ton (100 metric ton) HYLAB Series

Angle Boom + Jib Capacities

- 50' – 150' (15.24 – 45.72 m) Angle Boom with 30' – 75' (9.14 – 22.86 m) of Jib
- 25' (7.62 m) Open Throat Top Section with 24" (0.61 m) Wide x 32" (0.81 m) Deep Jib
- Extended Side Frames
- Over End Blocked Capacities
- 360 Degree Capacities
- "AB" Counterweight Options
- 20' 10.6" (6.37 m) Crawler Length

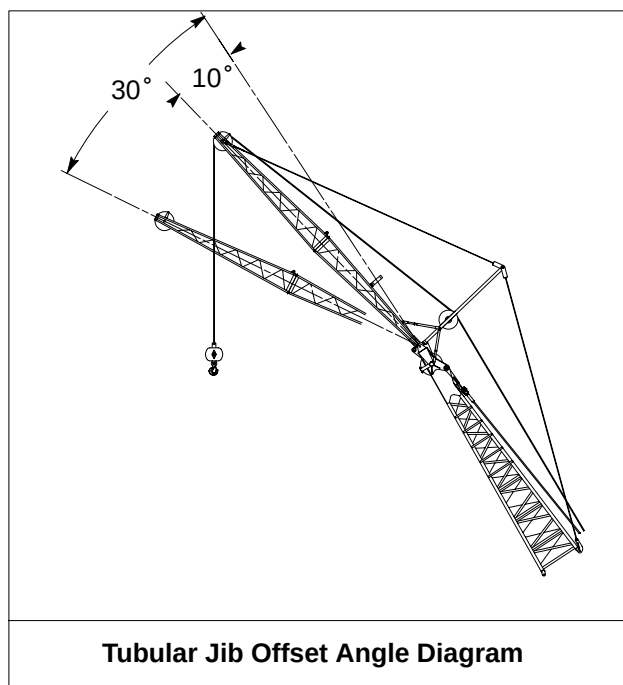
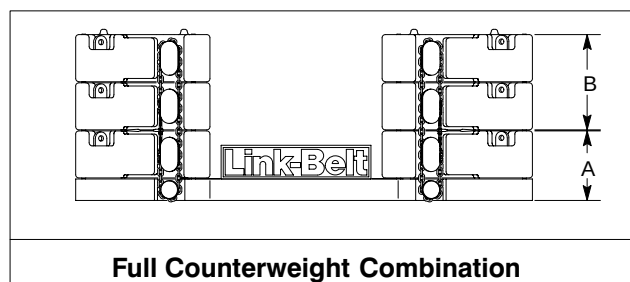


CAUTION: This material is supplied for reference use only. Operator must refer to in-cab Crane Rating Manual to determine allowable machine lifting capacities and operating procedures.



TUBULAR JIB NOTES FOR ANGLE BOOM

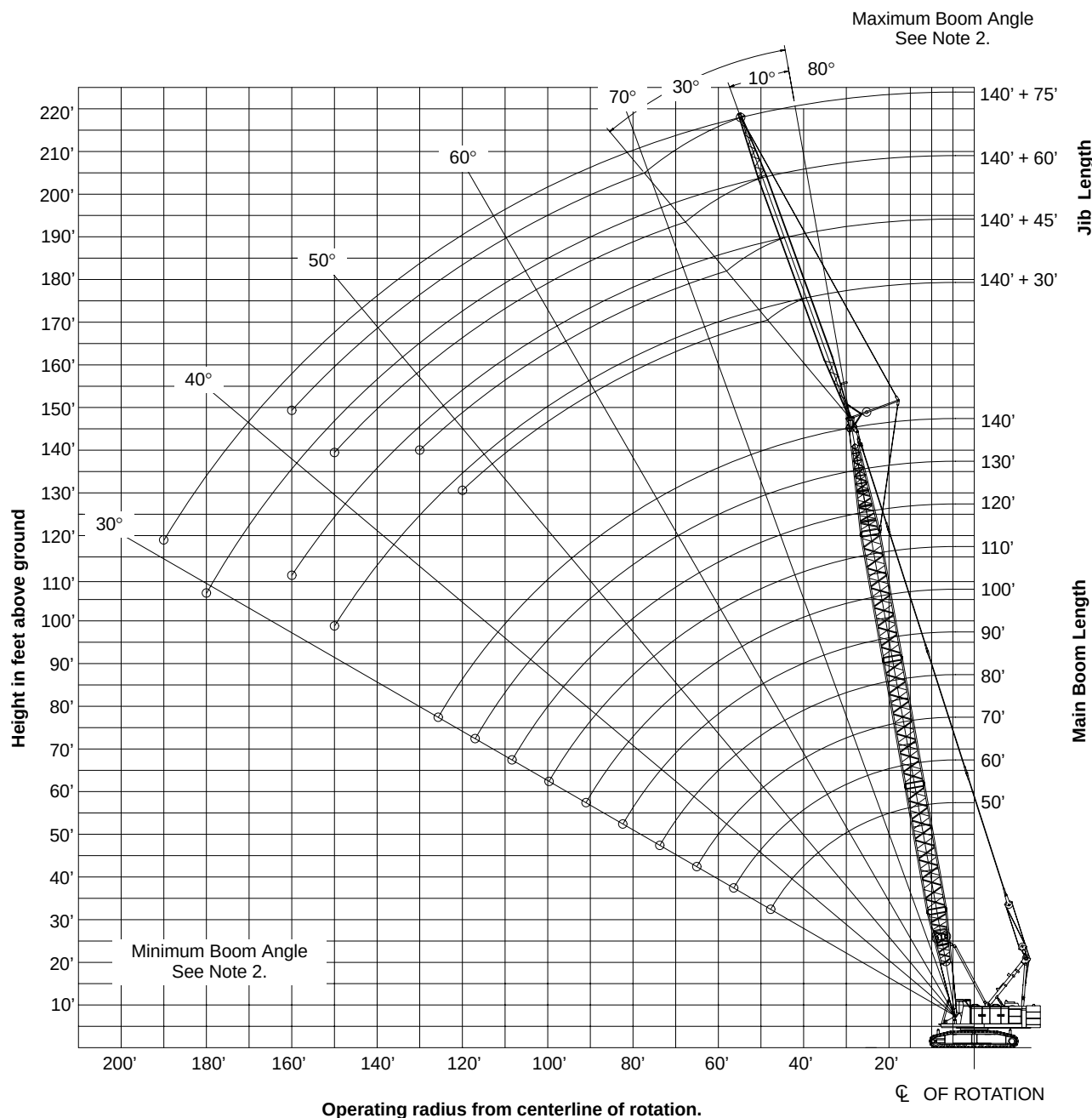
1. Capacities are for an LS-308H II crawler crane with "AB" (50,851 lb) counterweight.
2. Separate capacity charts are listed for 360° and for over end blocked crawler working areas. Verify operating conditions as described on the Working Area Chart found in the general information section of this Crane Rating Manual. Use the appropriate lift capacity chart based on the working area and the specific operating conditions.
3. Over end blocked capacities can be lifted over either end with the crane standing level on a firm supporting surface. Adequate blocking must be placed under both treadmember sprockets (or idler rollers) at the end that the load is to be lifted to prevent rocking. The ramps supplied with the crane are considered to be adequate blocking.
4. Capacities are for side frames in the extended position only and are based on the crane standing level on a firm supporting surface.
5. Capacities are limited to a LBCE 54" x 60" angle boom with an open throat and a LBCE 12 ton, 24" x 32" cross section tube jib with a 11'6" high jib mast properly assembled.
6. One part of 1 1/8" Diameter Type "RB" wire rope is allowed for maximum lift.
7. Capacities are for 30', 45', 60', and 75' jib lengths only.
8. Maximum boom plus jib combination is 140' + 75'.
9. The least stable condition is over the side.
10. All capacities are listed in pounds and are not more than 75% of the tipping loads. Capacities in the shaded areas are governed by factors other than those that would cause a tipping condition.
11. A deduction must be made from the jib capacities for the weight of the following: Main boom hook block or hook ball, jib hook block or hook ball, slings, grapple, etc.





WORKING RANGE DIAGRAM

50' TO 140' MAIN BOOM WITH 30' TO 75' JIB



Notes:

1. Boom geometry shown is for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.
2. Maximum and minimum boom angles are equal to the values listed in the capacity chart for each boom length.



LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Ctrwt										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degress				30 Degress			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
50	30	23.76	80.0	87.1	24,000	24,000	78.3	81.0	18,600	18,600
50	30	25	79.1	86.8	24,000	24,000				
50	30	30	75.5	85.3	24,000	24,000				
50	30	35	71.7	83.5	24,000	24,000				
50	30	40	67.9	81.3	24,000	24,000				
50	30	50	59.9	75.6	24,000	24,000				
50	30	60	51.0	67.7	22,200	22,200				
50	30	70	40.5	56.6	18,900	18,900	74.8	89.6	11,100	11,100
50	45	28.89	80.0	101.2	24,000	24,000				
50	45	30	79.3	100.9	24,000	24,000				
50	45	35	76.2	99.4	24,000	24,000				
50	45	40	73.1	97.5	24,000	24,000				
50	45	50	66.6	92.9	19,000	19,000				
50	45	60	59.6	86.8	15,600	15,600				
50	45	70	52.0	78.8	13,300	13,300				
50	45	80	43.4	68.1	11,600	11,600				
50	45	90	32.6	52.9	10,300	10,300				
50	60	34.02	80.0	115.3	22,400	22,400	75.2	100.6	7,400	7,400
50	60	35	79.5	115.0	21,700	21,700				
50	60	40	76.8	113.4	18,900	18,900				
50	60	50	71.3	109.5	14,900	14,900				
50	60	60	65.5	104.5	12,300	12,300				
50	60	70	59.4	98.0	10,400	10,400				
50	60	80	52.8	89.9	9,000	9,000				
50	60	90	45.4	79.4	8,000	8,000				
50	60	100	36.6	65.5	7,200	7,200				
50	75	39.15	80.0	129.4	15,900	15,900				
50	75	40	79.6	129.1	15,600	15,600				
50	75	50	74.8	125.7	12,300	12,300				
50	75	60	69.9	121.4	10,100	10,100				
50	75	70	64.8	115.9	8,600	8,600				
50	75	80	59.3	109.2	7,400	7,400				
50	75	90	53.4	101.0	6,500	6,500				
50	75	100	47.0	90.7	5,800	5,800				
50	75	110	39.5	77.6	5,200	5,200				
50	75	120	30.2	59.6	4,800	4,800				
60	30	25.5	80.0	96.9	24,000	24,000	79.7	91.5	19,000	19,000
60	30	30	77.1	95.7	24,000	24,000				
60	30	35	73.8	94.1	24,000	24,000				
60	30	40	70.5	92.2	24,000	24,000				
60	30	50	63.5	87.3	24,000	24,000				
60	30	60	56.1	80.7	24,000	24,000				
60	30	70	47.8	71.9	20,900	21,000				
60	30	80	38.0	59.8	18,300	17,700	76.2	89.6	17,800	17,800
60	45	27.23	80.0	106.8	24,000	24,000				
60	45	30	78.4	106.1	24,000	24,000				
60	45	35	75.5	104.7	24,000	24,000				
60	45	40	72.5	102.9	24,000	24,000				
60	45	50	66.4	98.6	24,000	24,000				
60	45	60	59.9	92.9	24,000	24,000				
60	45	70	52.9	85.5	23,000	21,000	77.7	100.2	18,100	18,100
60	45	80	45.1	75.8	20,100	17,400				
60	45	90	35.8	62.8	17,300	14,500				
60	60	30	70.0	70.0	15,900	15,900				
60	60	40	67.8	67.8	13,100	13,100				
60	60	50	62.3	62.3	11,200	11,200				
60	60	60	56.6	56.6	9,700	9,700				
60	60	70	50.3	50.3	8,600	8,600	76.6	111.6	7,600	7,600
60	60	80	43.2	43.2	7,700	7,700				
60	60	90	34.8	34.8	7,000	7,000				
60	75	40.89	80.0	139.2	15,900	15,900				
60	75	50	76.0	136.3	13,000	13,000				
60	75	60	71.5	132.4	10,700	10,700				
60	75	70	66.8	127.4	9,100	9,100				
60	75	80	61.9	121.4	7,900	7,900	71.0	105.6	6,800	6,800
60	75	90	56.7	114.1	6,900	6,900				
60	75	100	51.1	105.2	6,200	6,200				
60	75	110	44.9	94.3	5,600	5,600				
60	75	120	37.8	80.5	5,100	5,100				
60	60	30	70.0	70.0	15,900	15,900				
60	60	40	67.8	67.8	13,100	13,100				
60	60	50	62.3	62.3	11,200	11,200				
60	60	60	56.6	56.6	9,700	9,700				
60	60	70	50.3	50.3	8,600	8,600	71.0	105.6	6,800	6,800
60	60	80	43.2	43.2	7,700	7,700				
60	60	90	34.8	34.8	7,000	7,000				
60	75	40.89	80.0	139.2	15,900	15,900	71.7	116.4	4,700	4,700
60	75	50	76.0	136.3	13,000	13,000				
60	75	60	71.5	132.4	10,700	10,700				



LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cwtwt									
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.									
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom						
			10 Degree				30 Degree		
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			360° Jib Capacity (lbs)
70	60	37.49	80.0	135.0	22,300	22,300			
70	60	40	78.9	134.3	21,000	21,000			
70	60	50	74.3	131.0	16,800	16,800			
70	60	60	69.6	126.9	14,000	14,000	77.8	122.5	7,800
70	60	70	64.7	121.7	11,900	11,900	72.7	117.1	7,000
70	60	80	59.5	115.4	10,400	10,400	67.3	110.5	6,400
70	60	90	54.0	107.6	9,200	9,200	61.5	102.3	5,900
70	60	100	48.0	98.1	8,300	8,300	55.2	92.3	5,500
70	60	110	41.3	86.3	7,500	7,500			
70	60	120	33.2	70.7	6,900	6,900			
70	75	42.62	80.0	149.1	15,900	15,900			
70	75	50	77.0	146.9	13,600	13,600			
70	75	60	72.8	143.2	11,300	11,300			
70	75	70	68.5	138.6	9,600	9,600	77.8	133.6	5,400
70	75	80	64.1	133.2	8,400	8,400	73.2	127.9	4,900
70	75	90	59.4	126.6	7,400	7,400	68.3	121.0	4,400
70	75	100	54.4	118.7	6,600	6,600	63.1	112.8	4,100
70	75	110	49.1	109.3	5,900	5,900	57.4	102.7	3,800
70	75	120	43.1	97.8	5,400	5,400	50.9	90.3	3,500
70	75	130	36.2	83.3	5,000	5,000			
80	30	28.97	80.0	116.6	24,000	24,000			
80	30	30	79.5	116.4	24,000	24,000			
80	30	35	76.8	115.1	24,000	24,000			
80	30	40	74.1	113.5	24,000	24,000	78.9	110.7	18,500
80	30	50	68.6	109.6	24,000	24,000	73.2	106.7	16,700
80	30	60	62.9	104.6	24,000	24,000	67.3	101.5	15,300
80	30	70	56.8	98.1	24,000	20,700	61.0	94.8	14,200
80	30	80	50.2	90.0	20,200	17,000	54.1	86.3	13,300
80	30	90	42.8	79.6	17,000	14,200			
80	30	100	34.0	65.7	14,400	12,000			
80	45	34.1	80.0	130.7	24,000	24,000			
80	45	35	79.6	130.5	24,000	24,000			
80	45	40	77.2	129.1	24,000	24,000			
80	45	50	72.5	125.8	23,500	23,500	78.8	122.0	12,100
80	45	60	67.5	121.4	19,500	19,500	73.7	117.5	10,800
80	45	70	62.4	116.0	16,700	16,700	68.4	111.8	9,800
80	45	80	57.0	109.3	14,600	14,600	62.7	104.8	9,000
80	45	90	51.1	101.0	13,000	13,000	56.6	96.2	8,400
80	45	100	44.6	90.8	11,700	11,700			
80	45	110	37.2	77.7	10,700	10,700			
80	60	39.23	80.0	144.8	22,300	22,300			
80	60	40	79.7	144.6	21,900	21,900			
80	60	50	75.5	141.6	17,600	17,600			
80	60	60	71.1	137.8	14,700	14,700	78.8	133.2	8,000
80	60	70	66.7	133.1	12,600	12,600	74.1	128.3	7,200

LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cwtwt									
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.									
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom						
			10 Degree				30 Degree		
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			360° Jib Capacity (lbs)
80	60	80	62.0	127.3	11,000	11,000	69.3	122.3	6,600
80	60	90	57.1	120.4	9,800	9,800	64.1	115.1	6,000
80	60	100	51.8	112.1	8,800	8,800	58.6	106.3	5,600
80	60	110	46.1	102.0	8,000	8,000	52.5	95.6	5,300
80	60	120	39.6	89.5	7,400	7,400			
80	60	130	31.8	73.1	6,800	6,800			
80	75	44.36	80.0	158.9	15,800	15,800			
80	75	50	77.9	157.3	14,100	14,100			
80	75	60	74.0	153.9	11,800	11,800			
80	75	70	70.0	149.7	10,100	10,100	78.7	144.5	5,500
80	75	80	65.9	144.6	8,800	8,800	74.5	139.2	5,000
80	75	90	61.7	138.6	7,800	7,800	70.0	132.9	4,500
80	75	100	57.2	131.6	7,000	7,000	65.3	125.5	4,200
80	75	110	52.4	123.2	6,300	6,300	60.3	116.7	3,900
80	75	120	47.2	113.2	5,700	5,700	54.8	106.0	3,600
80	75	130	41.5	101.1	5,300	5,300			
80	75	140	34.8	85.9	4,900	4,900			
90	30	30.71	80.0	126.5	24,000	24,000			
90	30	35	77.9	125.4	24,000	24,000			
90	30	40	75.5	124.0	24,000	24,000	79.9	121.2	18,700
90	30	50	70.5	120.5	24,000	24,000	74.7	117.6	17,000
90	30	60	65.3	115.9	24,000	24,000	69.4	112.9	15,700
90	30	70	59.9	110.2	24,000	20,300	63.9	106.9	14,600
90	30	80	54.1	103.1	19,900	16,600	57.9	99.6	13,700
90	30	90	47.9	94.3	16,600	13,800	51.3	90.4	13,000
90	30	100	40.8	83.1	14,000	11,600			
90	30	110	32.5	68.4	12,000	9,800			
90	45	35.84	80.0	140.6	24,000	24,000			
90	45	40	78.2	139.5	24,000	24,000			
90	45	50	73.8	136.4	24,000	24,000	79.7	132.5	12,300
90	45	60	69.3	132.4	20,700	20,700	75.1	128.4	11,100
90	45	70	64.6	127.5	17,800	17,800	70.2	123.3	10,100
90	45	80	59.7	121.4	15,600	15,600	65.1	117.0	9,300
90	45	90	54.6	114.1	13,900	13,900	59.7	109.4	8,700
90	45	100	49.0	105.3	12,500	12,100	53.9	100.1	8,200
90	45	110	42.8	94.4	11,400	10,300			
90	45	120	35.6	80.6	10,600	8,800			
90	60	40.97	80.0	154.7	22,300	22,300			
90	60	50	76.5	152.1	18,500	18,500			
90	60	60	72.4	148.6	15,500	15,500	79.6	143.8	8,100
90	60	70	68.3	144.2	13,300	13,300	75.3	139.3	7,300
90	60	80	64.1	139.0	11,700	11,700	70.9	133.9	6,700
90	60	90	59.6	132.7	10,400	10,400	66.2	127.3	6,200
90	60	100	54.9	125.2	9,300	9,300	61.3	119.5	5,800
90	60	110	49.8	116.4	8,500	8,500	56.0	110.2	5,500



LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cttwt										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degress				30 Degress			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
90	60	120	44.3	105.7	7,800	7,800	50.1	98.8	5,200	5,200
90	60	130	38.1	92.5	7,200	7,200				
90	60	140	30.6	75.5	6,800	6,800				
90	75	46.1	80.0	168.8	15,800	15,800	79.5	155.1	5,600	5,600
90	75	50	78.6	167.7	14,700	14,700				
90	75	60	75.0	164.5	12,300	12,300				
90	75	70	71.3	160.6	10,600	10,600				
90	75	80	67.5	155.9	9,200	9,300				
90	75	90	63.6	150.4	8,200	8,200				
90	75	100	59.5	143.9	7,300	7,300				
90	75	110	55.2	136.3	6,600	6,600				
90	75	120	50.6	127.5	6,100	6,100				
90	75	130	45.6	116.9	5,600	5,600				
90	75	140	40.0	104.3	5,200	5,200	76.0	128.2	17,300	17,300
90	75	150	33.6	88.5	4,800	4,800				
100	30	32.44	80.0	136.3	24,000	24,000				
100	30	35	78.9	135.7	24,000	24,000				
100	30	40	76.6	134.4	24,000	24,000				
100	30	50	72.1	131.2	24,000	24,000				
100	30	60	67.3	127.0	24,000	24,000				
100	30	70	62.5	121.9	23,800	19,900				
100	30	80	57.3	115.5	19,500	16,300				
100	30	90	51.8	107.8	16,200	13,400				
100	30	100	45.8	98.3	13,700	11,200	76.2	139.2	11,300	11,300
100	30	110	39.1	86.5	11,600	9,400				
100	30	120	31.1	71.0	9,900	8,000				
100	45	37.57	80.0	150.4	24,000	24,000				
100	45	40	79.0	149.8	24,000	24,000				
100	45	50	75.0	146.9	24,000	24,000				
100	45	60	70.8	143.3	21,900	21,900				
100	45	70	66.5	138.7	18,800	18,800				
100	45	80	62.1	133.3	16,500	16,500				
100	45	90	57.4	126.7	14,700	13,900				
100	45	100	52.4	118.8	13,300	11,700	76.3	150.2	7,500	7,500
100	45	110	47.1	109.4	12,100	9,900				
100	45	120	41.1	97.9	10,400	8,400				
100	45	130	34.2	83.4	9,000	7,200				
100	60	42.7	80.0	164.5	22,200	22,200				
100	60	50	77.3	162.5	19,200	19,200				
100	60	60	73.6	159.3	16,200	16,200				
100	60	70	69.8	155.2	14,000	14,000				
100	60	80	65.8	150.4	12,300	12,300				
100	60	90	61.7	144.6	10,900	10,900				
100	60	100	57.5	137.8	9,800	9,800	72.3	145.2	6,900	6,900
100	60	110	52.9	129.9	9,000	9,000				

LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cttwt										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degress				30 Degress			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
100	60	120	48.1	120.5	8,200	8,200	53.6	113.8	5,300	5,300
100	60	130	42.7	109.3	7,600	7,500				
100	60	140	36.7	95.5	7,100	6,500				
100	75	47.83	80.0	178.6	15,800	15,800	76.5	161.2	5,200	5,200
100	75	50	79.3	178.0	15,200	15,200				
100	75	60	75.9	175.0	12,800	12,800				
100	75	70	72.4	171.4	11,000	11,000				
100	75	80	68.9	167.0	9,700	9,700				
100	75	90	65.2	161.9	8,600	8,600				
100	75	100	61.5	155.9	7,700	7,700				
100	75	110	57.5	149.0	7,000	7,000				
100	75	120	53.4	141.0	6,400	6,400				
100	75	130	48.9	131.6	5,900	5,900				
100	75	140	44.1	120.6	5,400	5,400	50.3	112.2	3,500	3,500
100	75	150	38.7	107.4	5,100	5,100				
100	75	160	32.5	91.0	4,800	4,800				
110	30	34.18	80.0	146.2	24,000	24,000	77.1	138.8	17,600	17,600
110	30	35	79.7	146.0	24,000	24,000				
110	30	40	77.6	144.8	24,000	24,000				
110	30	50	73.4	141.8	24,000	24,000				
110	30	60	69.0	138.0	24,000	24,000				
110	30	70	64.6	133.3	23,400	19,600				
110	30	80	59.9	127.5	19,100	15,900				
110	30	90	55.0	120.6	15,900	13,100				
110	30	100	49.8	112.3	13,300	10,800				
110	30	110	44.0	102.2	11,200	9,100				
110	30	120	37.6	89.7	9,500	7,600	77.1	149.9	11,500	11,500
110	45	39.31	80.0	160.3	24,000	24,000				
110	45	40	79.7	160.1	24,000	24,000				
110	45	50	76.0	157.4	24,000	24,000				
110	45	60	72.1	154.0	23,000	23,000				
110	45	70	68.1	149.8	19,800	19,800				
110	45	80	64.0	144.8	17,400	16,400				
110	45	90	59.8	138.8	15,500	13,500				
110	45	100	55.3	131.7	13,800	11,300				
110	45	110	50.5	123.3	11,700	9,500				
110	45	120	45.4	113.3	10,000	8,000	54.8	118.0	8,200	8,200
110	45	130	39.6	101.3	8,600	6,800				
110	45	140	33.0	86.1	7,400	5,700				
110	60	44.44	80.0	174.4	22,200	22,200	77.2	160.9	7,600	7,600
110	60	50	78.1	172.9	20,000	20,000				
110	60	60	74.6	169.8	16,900	16,900				
110	60	70	71.0	166.1	14,600	14,600				
110	60	80	67.4	161.6	12,800	12,800				
110	60	90	63.6	156.2	11,500	11,500				
110	60	90	63.6	156.2	11,500	11,500				



LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cwtwt										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degree				30 Degree			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
110	60	100	59.6	150.0	10,300	10,300	65.4	144.3	6,100	6,100
110	60	110	55.5	142.8	9,400	9,400	61.1	136.7	5,700	5,700
110	60	120	51.2	134.4	8,600	8,400	56.5	127.9	5,400	5,400
110	60	130	46.5	124.5	8,000	7,100	51.6	117.4	5,200	5,200
110	60	140	41.3	112.7	7,500	6,100				
110	60	150	35.5	98.4	6,700	5,100				
110	75	49.57	80.0	188.5	15,800	15,800				
110	75	50	79.9	188.3	15,600	15,600				
110	75	60	76.7	185.5	13,300	13,300				
110	75	70	73.4	182.1	11,500	11,500				
110	75	80	70.1	178.0	10,100	10,100	77.3	172.0	5,200	5,200
110	75	90	66.7	173.2	9,000	9,000	73.8	167.1	4,800	4,800
110	75	100	63.2	167.7	8,100	8,100	70.1	161.3	4,500	4,500
110	75	110	59.5	161.3	7,300	7,300	66.3	154.6	4,200	4,200
110	75	120	55.7	153.9	6,700	6,700	62.3	146.9	3,900	3,900
110	75	130	51.7	145.4	6,200	6,100	58.1	138.0	3,700	3,700
110	75	140	47.4	135.6	5,700	5,700	53.5	127.5	3,500	3,500
110	75	150	42.7	124.1	5,300	5,300				
110	75	160	37.5	110.4	5,000	4,600				
110	75	170	31.4	93.4	4,700	3,900				
120	30	35.92	80.0	156.0	24,000	24,000				
120	30	40	78.4	155.1	24,000	24,000				
120	30	50	74.5	152.3	24,000	24,000	78.0	149.3	17,900	17,900
120	30	60	70.5	148.8	24,000	24,000	73.9	145.7	16,600	16,600
120	30	70	66.4	144.4	23,100	19,200	69.7	141.2	15,600	15,600
120	30	80	62.1	139.2	18,700	15,500	65.3	135.8	14,700	14,700
120	30	90	57.7	132.9	15,500	12,700	60.7	129.4	14,000	13,300
120	30	100	53.0	125.5	12,900	10,500	55.9	121.7	13,300	11,000
120	30	110	47.9	116.6	10,900	8,700	50.7	112.6	11,200	9,100
120	30	120	42.4	106.0	9,200	7,200				
120	30	130	36.2	92.9	7,700	5,900				
120	45	41.05	80.0	170.1	24,000	24,000				
120	45	50	76.8	167.8	24,000	24,000				
120	45	60	73.2	164.6	24,000	24,000	78.0	160.4	11,700	11,700
120	45	70	69.5	160.7	20,800	19,700	74.2	156.4	10,800	10,800
120	45	80	65.7	156.1	18,300	16,000	70.3	151.6	10,000	10,000
120	45	90	61.8	150.5	16,000	13,200	66.2	145.9	9,400	9,400
120	45	100	57.7	144.1	13,400	10,900	62.0	139.2	8,800	8,800
120	45	110	53.4	136.5	11,300	9,100	57.5	131.3	8,400	8,400
120	45	120	48.8	127.6	9,600	7,600	52.7	122.1	8,000	8,000
120	45	130	43.8	117.1	8,200	6,400				
120	45	140	38.3	104.5	7,000	5,300				
120	45	150	31.9	88.8	5,900	4,400				
120	60	46.18	80.0	184.2	22,200	22,200				
120	60	50	78.8	183.3	20,700	20,700				

LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cwtwt										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degree				30 Degree			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
120	60	60	75.5	180.4	17,500	17,500				
120	60	70	72.1	176.8	15,200	15,200	78.0	171.6	7,700	7,700
120	60	80	68.7	172.6	13,400	13,400	74.5	167.2	7,100	7,100
120	60	90	65.2	167.6	12,000	12,000	70.8	162.1	6,600	6,600
120	60	100	61.5	161.9	10,800	10,800	67.0	156.1	6,200	6,200
120	60	110	57.8	155.2	9,900	9,500	63.1	149.2	5,900	5,900
120	60	120	53.8	147.6	9,100	8,000	58.9	141.2	5,600	5,600
120	60	130	49.6	138.7	8,400	6,800	54.5	131.9	5,300	5,300
120	60	140	45.0	128.3	7,300	5,700				
120	60	150	40.0	116.1	6,300	4,800				
120	60	160	34.4	101.2	5,400	3,900				
120	75	51.31	80.0	198.3	15,700	15,700				
120	75	60	77.4	196.0	13,700	13,700				
120	75	70	74.3	192.7	11,900	11,900				
120	75	80	71.2	188.9	10,500	10,500	78.0	182.8	5,300	5,300
120	75	90	68.0	184.4	9,300	9,300	74.7	178.1	4,900	4,900
120	75	100	64.7	179.2	8,400	8,400	71.3	172.7	4,600	4,600
120	75	110	61.3	173.2	7,600	7,600	67.8	166.5	4,300	4,300
120	75	120	57.8	166.4	7,000	7,000	64.1	159.4	4,000	4,000
120	75	130	54.1	158.6	6,400	6,400	60.2	151.2	3,800	3,800
120	75	140	50.2	149.7	6,000	6,000	56.1	141.9	3,600	3,600
120	75	150	46.0	139.5	5,600	5,000	51.6	131.0	3,400	3,400
120	75	160	41.5	127.5	5,200	4,200				
120	75	170	36.4	113.3	4,800	3,500				
120	75	180	30.5	95.8	4,100	2,900				
130	30	37.65	80.0	165.9	24,000	24,000				
130	30	40	79.1	165.4	24,000	24,000				
130	30	50	75.5	162.8	24,000	24,000	78.8	159.7	18,100	18,100
130	30	60	71.8	159.5	24,000	23,900	74.9	156.3	16,900	16,900
130	30	70	67.9	155.4	22,700	18,800	71.0	152.2	15,800	15,800
130	30	80	64.0	150.6	18,400	15,100	67.0	147.3	15,000	15,000
130	30	90	59.9	144.8	15,100	12,300	62.8	141.4	14,200	13,000
130	30	100	55.7	138.1	12,500	10,000	58.5	134.4	13,000	10,700
130	30	110	51.1	130.1	10,500	8,300	53.8	126.2	10,900	8,800
130	30	120	46.3	120.8	8,800	6,800				
130	30	130	41.0	109.6	7,300	5,500				
130	30	140	35.0	95.9	6,100	4,500				
130	45	42.78	80.0	180.0	24,000	24,000				
130	45	50	77.6	178.2	24,000	24,000				
130	45	60	74.2	175.2	24,000	24,000	78.7	170.9	11,900	11,900
130	45	70	70.8	171.6	21,800	19,400	75.2	167.2	11,000	11,000
130	45	80	67.2	167.2	18,900	15,600	71.5	162.7	10,200	10,200
130	45	90	63.6	162.1	15,600	12,800	67.8	157.4	9,600	9,600
130	45	100	59.8	156.1	13,000	10,500	63.9	151.3	9,000	9,000
130	45	110	55.9	149.2	10,900	8,700	59.8	144.1	8,600	8,600
130	45	120	51.7	141.1	9,200	7,200	55.5	135.8	8,200	7,900



LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cwtw										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degress				30 Degress			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
130	45	130	47.3	131.8	7,800	6,000	50.8	126.0	7,900	6,500
130	45	140	42.4	120.8	6,600	4,900				
130	45	150	37.1	107.7	5,500	4,000				
130	45	160	30.9	91.3	4,600	3,200				
130	60	47.91	80.0	194.1	22,100	22,100				
130	60	50	79.4	193.6	21,300	21,300				
130	60	60	76.3	190.8	18,200	18,200				
130	60	70	73.1	187.5	15,800	15,800	78.7	182.2	7,800	7,800
130	60	80	69.9	183.5	14,000	14,000	75.4	178.1	7,200	7,200
130	60	90	66.6	178.9	12,500	12,500	72.0	173.3	6,800	6,800
130	60	100	63.2	173.5	11,300	10,900	68.4	167.7	6,300	6,300
130	60	110	59.7	167.3	10,300	9,100	64.8	161.3	6,000	6,000
130	60	120	56.0	160.3	9,500	7,600	61.0	154.0	5,700	5,700
130	60	130	52.2	152.2	8,200	6,400	57.0	145.5	5,400	5,400
130	60	140	48.1	142.9	7,000	5,300	52.7	135.7	5,200	5,200
130	60	150	43.7	132.0	5,900	4,400				
130	60	160	38.8	119.3	5,000	3,600				
130	60	170	33.3	103.9	4,200	2,800				
130	75	53.04	80.0	208.1	15,700	15,700				
130	75	60	78.0	206.3	14,100	14,100				
130	75	70	75.1	203.3	12,300	12,300				
130	75	80	72.2	199.6	10,800	10,800	78.7	193.4	5,400	5,400
130	75	90	69.1	195.4	9,700	9,700	75.5	189.0	5,000	5,000
130	75	100	66.0	190.5	8,700	8,700	72.3	184.0	4,600	4,600
130	75	110	62.9	184.9	7,900	7,900	69.0	178.2	4,300	4,300
130	75	120	59.6	178.6	7,300	7,300	65.6	171.6	4,100	4,100
130	75	130	56.2	171.4	6,700	6,600	62.0	164.0	3,900	3,900
130	75	140	52.6	163.2	6,200	5,600	58.3	155.5	3,700	3,700
130	75	150	48.8	153.9	5,800	4,600	54.3	145.6	3,500	3,500
130	75	160	44.7	143.3	5,300	3,800				
130	75	170	40.3	130.9	4,500	3,100				
130	75	180	35.4	116.2	3,700	2,500				
140	30	39.39	80.0	175.7	24,000	24,000				
140	30	40	79.8	175.6	24,000	24,000				
140	30	50	76.4	173.2	24,000	24,000	79.4	170.1	18,300	18,300
140	30	60	72.9	170.1	24,000	23,500	75.9	166.9	17,100	17,100
140	30	70	69.3	166.3	22,300	18,400	72.3	163.1	16,100	16,100
140	30	80	65.7	161.8	18,000	14,700	68.5	158.5	15,200	15,200
140	30	90	61.9	156.5	14,700	11,900	64.7	153.0	14,500	12,600
140	30	100	58.0	150.3	12,100	9,600	60.6	146.7	12,700	10,300
140	30	110	53.8	143.1	10,100	7,900	56.4	139.3	10,600	8,400
140	30	120	49.5	134.6	8,400	6,400	51.9	130.6	8,800	6,800
140	30	130	44.8	124.8	6,900	5,100				
140	30	140	39.7	113.1	5,700	4,100				
140	30	150	33.9	98.8	4,700	3,200				

LS-308H II - w/ 54" x 60" Angle Boom, w/ 24" x 32" Tube Jib, w/ "AB" Cwtw										
Refer to the Tubular Jib Notes for Angle Boom in this Crane Rating Manual before operating the machine.										
Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom							
			10 Degress				30 Degress			
			Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)	Boom Angle (deg)	Jib Point Height (ft)	Over End Blocked Jib Capacity (lbs)	360° Jib Capacity (lbs)
					LMI CURVE #1	LMI CURVE #2			LMI CURVE #1	LMI CURVE #2
140	45	44.52	80.0	189.8	24,000	24,000				
140	45	50	78.3	188.5	24,000	24,000				
140	45	60	75.1	185.7	24,000	24,000	79.4	181.4	12,100	12,100
140	45	70	71.8	182.3	22,700	19,000	76.0	177.9	11,200	11,200
140	45	80	68.5	178.2	18,500	15,200	72.6	173.7	10,400	10,400
140	45	90	65.1	173.4	15,200	12,400	69.1	168.8	9,800	9,800
140	45	100	61.6	167.8	12,600	10,100	65.5	163.0	9,200	9,200
140	45	110	58.0	161.5	10,600	8,300	61.8	156.4	8,800	8,800
140	45	120	54.2	154.1	8,800	6,800	57.8	148.8	8,400	7,500
140	45	130	50.1	145.6	7,400	5,600	53.6	140.0	8,000	6,200
140	45	140	45.8	135.8	6,200	4,500				
140	45	150	41.2	124.4	5,200	3,600				
140	45	160	36.0	110.7	4,200	2,800				
140	60	49.65	80.0	203.9	22,100	22,100				
140	60	50	79.9	203.8	22,000	22,000				
140	60	60	77.0	201.2	18,800	18,800				
140	60	70	74.0	198.1	16,400	16,400	79.3	192.7	7,900	7,900
140	60	80	70.9	194.3	14,500	14,500	76.2	188.8	7,400	7,400
140	60	90	67.8	190.0	13,000	12,800	73.0	184.3	6,900	6,900
140	60	100	64.7	184.9	11,800	10,500	69.7	179.1	6,500	6,500
140	60	110	61.4	179.2	10,700	8,700	66.3	173.2	6,100	6,100
140	60	120	58.0	172.6	9,200	7,200	62.8	166.4	5,800	5,800
140	60	130	54.4	165.2	7,800	6,000	59.1	158.6	5,500	5,500
140	60	140	50.7	156.6	6,600	4,900	55.2	149.7	5,300	5,300
140	60	150	46.7	146.9	5,500	4,000	51.0	139.4	5,100	4,600
140	60	160	42.5	135.7	4,600	3,200				
140	60	170	37.8	122.5	3,800	2,400				
140	60	180	32.4	106.5	3,100	---				
140	75	54.78	80.0	218.0	15,700	15,700				
140	75	60	78.6	216.7	14,500	14,500				
140	75	70	75.8	213.8	12,600	12,700				
140	75	80	73.0	210.3	11,200	11,200	79.2	204.0	5,400	5,400
140	75	90	70.2	206.3	10,000	10,000	76.3	199.8	5,000	5,000
140	75	100	67.3	201.7	9,000	9,100	73.3	195.1	4,700	4,700
140	75	110	64.3	196.4	8,200	8,200	70.2	189.6	4,400	4,400
140	75	120	61.2	190.5	7,600	7,500	67.0	183.4	4,100	4,100
140	75	130	58.0	183.8	7,000	6,300	63.7	176.5	3,900	3,900
140	75	140	54.7	176.2	6,500	5,200	60.2	168.5	3,700	3,700
140	75	150	51.2	167.7	5,800	4,300	56.5	159.6	3,600	3,600
140	75	160	47.5	158.0	4,900	3,400	52.6	149.3	3,400	3,400
140	75	170	43.6	146.9	4,100	2,700				
140	75	180	39.3	134.1	3,400	2,100				
140	75	190	34.5	119.0	2,700	---				