

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
40	30	19.35	80.0	77.5	24,000	24,000									19.35
40	30	20	79.5	77.4	24,000	24,000									20
40	30	25	75.3	76.1	24,000	24,000	79.4	75.5	24,000	24,000					25
40	30	30	71.1	74.4	24,000	24,000	75.1	73.8	24,000	24,000	78.9	72.7	20,700	20,700	30
40	30	35	66.8	72.2	24,000	24,000	70.7	71.6	24,000	24,000	74.5	70.5	18,800	18,800	35
40	30	40	62.3	69.6	24,000	24,000	66.2	69.0	24,000	24,000	69.8	67.8	17,300	17,300	40
40	30	50	52.5	62.7	24,000	24,000	56.3	62.0	19,400	19,400	59.8	60.6	15,000	15,000	50
40	30	60	41.2	52.6	19,600	19,600	44.8	51.8	16,400	16,400	47.9	50.0	13,400	13,400	60
40	30	70	25.7	36.2	16,500	16,500									70
40	45	23.23	80.0	92.0	24,000	24,000									23.23
40	45	25	78.8	91.6	24,000	24,000									25
40	45	30	75.4	90.2	24,000	24,000									30
40	45	35	71.9	88.5	24,000	24,000	76.9	87.8	20,200	20,200					35
40	45	40	68.3	86.4	23,400	23,400	73.3	85.7	17,700	17,700	78.1	84.3	13,500	13,500	40
40	45	50	60.8	81.1	18,000	17,900	65.7	80.3	14,300	14,300	70.3	78.8	11,200	11,200	50
40	45	60	52.6	73.9	14,500	14,500	57.5	73.0	12,000	12,000	61.9	71.3	9,700	9,700	60
40	45	70	43.3	64.0	12,200	12,200	48.0	63.0	10,300	10,300	52.1	60.9	8,600	8,600	70
40	45	80	31.8	49.7	10,600	10,600	36.2	48.3	9,200	9,200					80
40	60	27.11	80.0	106.5	24,000	24,000									27.11
40	60	30	78.3	105.8	23,600	23,600									30
40	60	35	75.4	104.4	22,200	22,200									35
40	60	40	72.4	102.6	18,900	19,000	78.2	101.8	14,300	14,300					40
40	60	50	66.3	98.3	14,600	14,600	71.9	97.4	11,500	11,500	77.4	95.7	9,000	9,000	50
40	60	60	59.7	92.5	11,900	11,900	65.4	91.6	9,600	9,600	70.7	89.8	7,700	7,700	60
40	60	70	52.7	85.0	10,000	10,000	58.3	84.0	8,300	8,300	63.4	82.1	6,700	6,700	70
40	60	80	44.9	75.3	8,600	8,600	50.3	74.2	7,200	7,200	55.2	71.9	6,000	6,000	80
40	60	90	35.5	62.2	7,500	7,500	40.8	60.8	6,500	6,500	45.3	57.9	5,400	5,400	90
40	75	30.99	80.0	121.0	19,300	19,300									30.99
40	75	35	78.0	120.0	18,600	18,600									35
40	75	40	75.4	118.5	16,100	16,100									40
40	75	50	70.2	114.8	12,500	12,500	76.4	113.9	9,800	9,800					50
40	75	60	64.7	109.9	10,100	10,100	70.9	109.0	8,100	8,100	76.9	107.2	6,300	6,300	60
40	75	70	59.0	103.8	8,500	8,500	65.1	102.9	6,900	6,900	71.0	100.9	5,500	5,500	70
40	75	80	52.8	96.2	7,200	7,200	58.9	95.1	6,000	6,000	64.6	93.0	4,800	4,800	80
40	75	90	46.0	86.6	6,300	6,300	52.0	85.4	5,300	5,300	57.5	83.0	4,300	4,300	90
40	75	100	38.1	74.2	5,600	5,600	44.0	72.7	4,700	4,700	49.2	69.8	3,900	3,900	100
40	75	110	28.3	56.8	5,000	5,000									110
50	30	21.08	80.0	87.4	24,000	24,000									21.08
50	30	25	77.2	86.5	24,000	24,000									25
50	30	30	73.5	85.0	24,000	24,000	77.0	84.4	24,000	24,000					30
50	30	35	69.8	83.1	24,000	24,000	73.3	82.5	24,000	24,000	76.6	81.3	19,600	19,600	35
50	30	40	65.9	80.9	24,000	24,000	69.4	80.3	24,000	24,000	72.6	79.0	18,100	18,100	40
50	30	50	57.8	75.2	24,000	24,000	61.2	74.5	21,400	21,400	64.3	73.1	15,900	15,900	50
50	30	60	48.9	67.2	22,400	22,400	52.2	66.4	18,100	18,100	55.0	64.8	14,200	14,200	60
50	30	70	38.3	56.0	18,800	18,800	41.4	55.0	15,800	15,800					70
50	45	24.97	80.0	101.9	24,000	24,000									24.97
50	45	30	76.9	100.6	24,000	24,000									30
50	45	35	73.8	99.1	24,000	24,000	78.3	98.3	21,300	21,300					35
50	45	40	70.7	97.3	24,000	24,000	75.1	96.5	18,900	18,900	79.4	94.9	14,000	14,000	40
50	45	50	64.1	92.6	20,000	20,000	68.5	91.8	15,300	15,300	72.7	90.1	11,800	11,800	50
50	45	60	57.2	86.5	16,200	16,200	61.5	85.6	12,900	12,900	65.5	83.8	10,200	10,200	60
50	45	70	49.5	78.4	13,600	13,600	53.8	77.4	11,200	11,200	57.6	75.3	9,100	9,100	70
50	45	80	40.8	67.6	11,700	11,700	44.9	66.4	9,900	9,900	48.4	64.0	8,300	8,200	80
50	45	90	29.9	52.2	10,400	10,400									90

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Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
50	60	28.85	80.0	116.4	24,000	24,000									28.85
50	60	30	79.4	116.1	23,900	23,900									30
50	60	35	76.7	114.8	22,900	22,900									35
50	60	40	74.1	113.2	20,600	20,600	79.3	112.3	15,000	15,000					40
50	60	50	68.5	109.3	16,000	16,000	73.7	108.4	12,200	12,200	78.7	106.5	9,300	9,300	50
50	60	60	62.8	104.2	13,000	13,000	67.9	103.2	10,300	10,300	72.8	101.3	8,000	8,000	60
50	60	70	56.7	97.7	10,900	10,900	61.7	96.7	8,800	8,800	66.4	94.6	7,000	7,000	70
50	60	80	50.0	89.5	9,400	9,400	55.0	88.4	7,800	7,800	59.5	86.1	6,300	6,300	80
50	60	90	42.6	79.0	8,200	8,200	47.4	77.7	6,900	6,900	51.7	75.0	5,700	5,700	90
50	60	100	33.7	65.0	7,300	7,300	38.4	63.3	6,300	6,300					100
50	75	32.73	80.0	130.8	19,200	19,200									32.73
50	75	35	78.9	130.3	18,800	18,800									35
50	75	40	76.6	128.9	17,200	17,200									40
50	75	50	71.8	125.5	13,400	13,400	77.6	124.5	10,200	10,200					50
50	75	60	66.9	121.2	10,900	10,900	72.6	120.1	8,500	8,500	78.1	118.1	6,500	6,500	60
50	75	70	61.7	115.7	9,200	9,200	67.4	114.6	7,300	7,300	72.8	112.4	5,700	5,700	70
50	75	80	56.3	109.0	7,900	7,900	61.9	107.8	6,400	6,400	67.2	105.5	5,000	5,000	80
50	75	90	50.4	100.7	6,900	6,900	55.9	99.4	5,600	5,700	61.1	96.9	4,500	4,500	90
50	75	100	43.9	90.4	6,100	6,100	49.3	89.0	5,100	5,100	54.3	86.1	4,100	4,100	100
50	75	110	36.4	77.2	5,400	5,400	41.7	75.5	4,600	4,600	46.3	72.0	3,800	3,800	110
50	75	120	27.0	59.0	4,900	4,900									120
60	30	22.82	80.0	97.2	24,000	24,000									22.82
60	30	25	78.6	96.7	24,000	24,000									25
60	30	30	75.4	95.4	24,000	24,000	78.5	94.8	24,000	24,000					30
60	30	35	72.1	93.8	24,000	24,000	75.2	93.2	24,000	24,000	78.2	91.9	20,300	20,300	35
60	30	40	68.7	91.9	24,000	24,000	71.8	91.2	24,000	24,000	74.7	89.9	18,800	18,800	40
60	30	50	61.8	86.9	24,000	24,000	64.8	86.2	23,300	23,300	67.6	84.8	16,600	16,600	50
60	30	60	54.2	80.3	24,000	24,000	57.2	79.5	19,700	19,700	59.8	77.9	15,000	15,000	60
60	30	70	45.9	71.4	21,100	21,100	48.7	70.5	17,200	17,200	51.2	68.7	13,700	13,700	70
60	30	80	36.0	59.2	18,200	18,200	38.7	58.1	15,400	15,400					80
60	45	26.7	80.0	111.7	24,000	24,000									26.7
60	45	30	78.2	110.9	24,000	24,000									30
60	45	35	75.4	109.6	24,000	24,000	79.5	108.8	22,400	22,400					35
60	45	40	72.6	107.9	24,000	24,000	76.6	107.1	19,900	19,900					40
60	45	50	66.8	103.8	21,900	21,900	70.8	102.9	16,300	16,300	74.5	101.2	12,300	12,300	50
60	45	60	60.6	98.4	17,800	17,800	64.6	97.5	13,800	13,900	68.2	95.6	10,700	10,700	60
60	45	70	54.1	91.5	15,000	15,000	58.0	90.5	12,000	12,000	61.5	88.4	9,600	9,600	70
60	45	80	46.9	82.6	13,000	13,000	50.7	81.5	10,700	10,700	54.0	79.2	8,700	8,700	80
60	45	90	38.7	71.0	11,400	11,400	42.3	69.6	9,600	9,600	45.3	66.9	8,000	8,000	90
60	45	100	28.3	54.6	10,200	10,200									100
60	60	30.58	80.0	126.2	24,000	24,000									30.58
60	60	35	77.9	125.1	23,200	23,200									35
60	60	40	75.4	123.7	22,200	22,200									40
60	60	50	70.4	120.2	17,300	17,300	75.2	119.2	12,800	12,800	79.7	117.2	9,500	9,500	50
60	60	60	65.2	115.6	14,100	14,100	69.9	114.5	10,800	10,800	74.4	112.5	8,300	8,300	60
60	60	70	59.8	109.8	11,900	11,900	64.4	108.7	9,400	9,400	68.8	106.5	7,300	7,300	70
60	60	80	54.0	102.7	10,200	10,200	58.6	101.5	8,300	8,300	62.8	99.1	6,600	6,600	80
60	60	90	47.7	93.8	9,000	9,000	52.2	92.5	7,400	7,400	56.2	89.8	6,000	6,000	90
60	60	100	40.6	82.6	8,000	8,000	45.0	81.0	6,700	6,700	48.7	78.0	5,500	5,500	100
60	60	110	32.2	67.7	7,200	7,200	36.3	65.8	6,200	6,200					110

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Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
60	75	34.47	80.0	140.7	19,000	19,000									34.47
60	75	35	79.8	140.6	19,000	19,000									35
60	75	40	77.6	139.3	18,300	18,300									40
60	75	50	73.2	136.2	14,300	14,300	78.5	135.1	10,600	10,500					50
60	75	60	68.7	132.2	11,700	11,700	74.0	131.1	8,900	8,900	79.1	128.8	6,700	6,700	60
60	75	70	64.0	127.2	9,800	9,800	69.3	126.1	7,700	7,700	74.3	123.7	5,900	5,900	70
60	75	80	59.1	121.2	8,500	8,500	64.3	119.9	6,700	6,700	69.2	117.5	5,200	5,200	80
60	75	90	53.9	113.9	7,400	7,400	59.0	112.5	6,000	6,000	63.8	109.9	4,700	4,700	90
60	75	100	48.3	105.0	6,600	6,600	53.4	103.5	5,400	5,400	58.0	100.6	4,300	4,300	100
60	75	110	42.1	94.0	5,900	5,900	47.0	92.4	4,900	4,900	51.4	89.1	4,000	4,000	110
60	75	120	34.9	80.1	5,300	5,300	39.7	78.2	4,500	4,500					120
60	75	130	25.8	61.0	4,900	4,900									130
70	30	24.56	80.0	107.1	24,000	24,000									24.56
70	30	25	79.7	107.0	24,000	24,000									25
70	30	30	76.9	105.8	24,000	24,000	79.7	105.1	24,000	24,000					30
70	30	35	73.9	104.4	24,000	24,000	76.7	103.7	24,000	24,000	79.4	102.3	20,800	20,800	35
70	30	40	70.9	102.6	24,000	24,000	73.7	102.0	24,000	24,000	76.4	100.6	19,400	19,400	40
70	30	50	64.8	98.3	24,000	24,000	67.5	97.5	24,000	24,000	70.1	96.1	17,300	17,300	50
70	30	60	58.3	92.5	24,000	24,000	61.0	91.7	21,200	21,300	63.4	90.2	15,600	15,600	60
70	30	70	51.2	85.1	23,500	23,500	53.9	84.2	18,600	18,500	56.1	82.5	14,300	14,300	70
70	30	80	43.4	75.3	20,200	20,200	45.9	74.4	16,500	16,500	48.0	72.4	13,400	13,400	80
70	30	90	34.1	62.2	17,800	17,500	36.4	61.0	15,100	15,100					90
70	45	28.44	80.0	121.6	24,000	24,000									28.44
70	45	30	79.2	121.2	24,000	24,000									30
70	45	35	76.7	120.0	24,000	24,000									35
70	45	40	74.1	118.5	24,000	24,000	77.8	117.6	20,900	20,900					40
70	45	50	68.9	114.8	23,900	23,900	72.5	113.9	17,300	17,300	76.0	112.0	12,700	12,700	50
70	45	60	63.4	109.9	19,500	19,400	67.0	109.0	14,700	14,700	70.4	107.1	11,200	11,200	60
70	45	70	57.7	103.8	16,400	16,400	61.2	102.8	12,800	12,800	64.5	100.8	10,000	10,000	70
70	45	80	51.5	96.2	14,100	14,100	55.0	95.1	11,400	11,400	58.1	92.9	9,100	9,100	80
70	45	90	44.7	86.6	12,400	12,400	48.1	85.4	10,300	10,300	51.0	82.8	8,400	8,400	90
70	45	100	36.8	74.2	11,100	11,100	40.1	72.7	9,400	9,400					100
70	45	110	27.0	56.8	10,100	10,100									110
70	60	32.32	80.0	136.0	23,800	23,800									32.32
70	60	35	78.8	135.4	23,400	23,400									35
70	60	40	76.6	134.1	22,600	22,600									40
70	60	50	72.0	130.9	18,500	18,500	76.4	129.8	13,300	13,300					50
70	60	60	67.3	126.7	15,100	15,100	71.6	125.6	11,400	11,400	75.7	123.4	8,500	8,500	60
70	60	70	62.4	121.5	12,800	12,800	66.7	120.4	9,900	9,900	70.7	118.1	7,600	7,600	70
70	60	80	57.2	115.1	11,000	11,000	61.4	113.9	8,800	8,700	65.3	111.5	6,900	6,900	80
70	60	90	51.7	107.4	9,700	9,700	55.8	106.1	7,900	7,900	59.6	103.4	6,300	6,300	90
70	60	100	45.7	97.8	8,600	8,600	49.7	96.4	7,100	7,100	53.3	93.5	5,800	5,800	100
70	60	110	38.9	85.9	7,800	7,800	42.8	84.2	6,600	6,600	46.2	80.8	5,400	5,400	110
70	60	120	30.8	70.3	7,100	7,100									120
70	75	36.2	80.0	150.5	18,900	18,900									36.2
70	75	40	78.5	149.6	18,400	18,400									40
70	75	50	74.4	146.7	15,200	15,200	79.4	145.6	10,900	10,900					50
70	75	60	70.2	143.1	12,500	12,500	75.2	141.9	9,300	9,300	79.9	139.4	6,800	6,800	60
70	75	70	65.9	138.5	10,500	10,500	70.8	137.3	8,000	8,000	75.5	134.8	6,000	6,000	70
70	75	80	61.5	133.0	9,100	9,100	66.3	131.7	7,100	7,100	70.9	129.1	5,400	5,400	80
70	75	90	56.8	126.4	7,900	7,900	61.6	125.0	6,300	6,300	66.1	122.3	4,900	4,900	90
70	75	100	51.8	118.5	7,000	7,000	56.6	117.1	5,700	5,700	60.9	114.1	4,500	4,500	100
70	75	110	46.4	109.1	6,300	6,300	51.1	107.4	5,200	5,200	55.3	104.2	4,100	4,100	110
70	75	120	40.5	97.5	5,700	5,700	45.0	95.7	4,800	4,800	48.9	92.0	3,900	3,900	120
70	75	130	33.6	83.0	5,200	5,200	37.9	80.8	4,400	4,400					130

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					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
80	30	26.29	80.0	116.9	24,000	24,000									26.29
80	30	30	78.1	116.1	24,000	24,000									30
80	30	35	75.4	114.8	24,000	24,000	78.0	114.1	24,000	24,000					35
80	30	40	72.7	113.2	24,000	24,000	75.3	112.5	24,000	24,000	77.7	111.1	20,000	20,000	40
80	30	50	67.2	109.3	24,000	24,000	69.7	108.6	24,000	24,000	72.0	107.1	17,900	17,900	50
80	30	60	61.4	104.2	24,000	24,000	63.9	103.5	22,700	22,700	66.1	101.9	16,200	16,200	60
80	30	70	55.3	97.7	24,000	23,900	57.7	96.9	19,900	19,900	59.9	95.3	14,900	14,900	70
80	30	80	48.7	89.6	22,300	20,100	51.0	88.6	17,700	17,700	53.0	86.8	13,900	13,900	80
80	30	90	41.2	79.1	19,500	17,300	43.5	78.0	16,100	16,100	45.3	75.9	13,100	13,100	90
80	30	100	32.4	65.0	17,500	15,000									100
80	45	30.18	80.0	131.4	24,000	24,000									30.18
80	45	35	77.8	130.3	24,000	24,000									35
80	45	40	75.4	128.9	24,000	24,000	78.8	128.0	21,800	21,800					40
80	45	50	70.6	125.5	24,000	24,000	74.0	124.6	18,100	18,100	77.2	122.7	13,100	13,100	50
80	45	60	65.7	121.2	21,000	21,100	69.0	120.2	15,500	15,500	72.1	118.2	11,600	11,600	60
80	45	70	60.5	115.7	17,700	17,700	63.8	114.7	13,600	13,600	66.8	112.6	10,400	10,400	70
80	45	80	55.1	109.0	15,300	15,300	58.3	107.9	12,100	12,100	61.2	105.7	9,500	9,500	80
80	45	90	49.2	100.7	13,500	13,500	52.4	99.5	10,900	10,900	55.1	97.1	8,800	8,800	90
80	45	100	42.7	90.4	12,000	12,000	45.8	89.1	10,000	10,000	48.3	86.3	8,200	8,200	100
80	45	110	35.2	77.2	10,900	10,900	38.2	75.6	9,300	9,300					110
80	45	120	25.8	59.0	10,000	10,000									120
80	60	34.06	80.0	145.9	23,700	23,700									34.06
80	60	35	79.6	145.7	23,500	23,500									35
80	60	40	77.5	144.5	22,800	22,800									40
80	60	50	73.3	141.5	19,700	19,700	77.4	140.4	13,800	13,900					50
80	60	60	69.0	137.6	16,200	16,200	73.0	136.5	11,900	11,900	76.8	134.2	8,800	8,800	60
80	60	70	64.5	132.9	13,700	13,700	68.5	131.7	10,400	10,400	72.2	129.3	7,800	7,800	70
80	60	80	59.8	127.1	11,800	11,800	63.8	125.9	9,200	9,200	67.4	123.4	7,100	7,100	80
80	60	90	54.9	120.2	10,400	10,400	58.8	118.9	8,300	8,300	62.3	116.2	6,500	6,500	90
80	60	100	49.6	111.9	9,300	9,300	53.5	110.4	7,500	7,500	56.9	107.5	6,000	6,000	100
80	60	110	43.9	101.7	8,400	8,400	47.6	100.1	6,900	6,900	50.8	96.9	5,600	5,600	110
80	60	120	37.4	89.1	7,600	7,600	41.0	87.3	6,400	6,400					120
80	60	130	29.6	72.7	7,000	7,000									130
80	75	37.94	80.0	160.4	18,800	18,800									37.94
80	75	40	79.2	159.9	18,500	18,500									40
80	75	50	75.4	157.2	16,000	16,000									50
80	75	60	71.6	153.8	13,200	13,200	76.2	152.5	9,600	9,600					60
80	75	70	67.6	149.6	11,200	11,200	72.2	148.3	8,400	8,300	76.5	145.7	6,200	6,200	70
80	75	80	63.5	144.5	9,600	9,700	68.0	143.2	7,400	7,400	72.3	140.5	5,600	5,600	80
80	75	90	59.2	138.5	8,500	8,500	63.7	137.1	6,600	6,600	67.9	134.2	5,100	5,100	90
80	75	100	54.7	131.4	7,500	7,500	59.2	129.9	6,000	6,000	63.3	126.9	4,600	4,600	100
80	75	110	50.0	123.0	6,800	6,800	54.3	121.4	5,400	5,400	58.3	118.1	4,300	4,300	110
80	75	120	44.8	113.0	6,100	6,100	49.1	111.2	5,000	5,000	52.9	107.6	4,000	4,000	120
80	75	130	39.0	100.9	5,600	5,600	43.2	98.9	4,700	4,600	46.8	94.8	3,800	3,800	130
80	75	140	32.4	85.7	5,200	5,200	36.4	83.2	4,400	4,400					140

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
90	30	28.03	80.0	126.8	24,000	24,000									28.03
90	30	30	79.1	126.4	24,000	24,000									30
90	30	35	76.6	125.2	24,000	24,000	79.0	124.5	24,000	24,000					35
90	30	40	74.2	123.7	24,000	24,000	76.5	123.0	24,000	24,000	78.7	121.6	20,400	20,400	40
90	30	50	69.2	120.2	24,000	24,000	71.5	119.5	24,000	24,000	73.6	118.0	18,400	18,400	50
90	30	60	64.0	115.6	24,000	24,000	66.3	114.8	24,000	24,000	68.3	113.3	16,700	16,700	60
90	30	70	58.6	109.9	24,000	23,700	60.8	109.0	21,100	21,100	62.8	107.4	15,400	15,400	70
90	30	80	52.8	102.7	23,500	19,900	55.0	101.8	18,900	18,900	56.8	100.1	14,400	14,400	80
90	30	90	46.5	93.8	20,100	17,000	48.6	92.9	17,100	17,100	50.3	90.9	13,600	13,600	90
90	30	100	39.4	82.6	17,500	14,800	41.4	81.5	15,700	14,900					100
90	30	110	31.0	67.7	15,400	13,000									110
90	45	31.91	80.0	141.3	24,000	24,000									31.91
90	45	35	78.7	140.6	24,000	24,000									35
90	45	40	76.5	139.3	24,000	24,000	79.7	138.4	22,600	22,600					40
90	45	50	72.1	136.2	24,000	24,000	75.3	135.2	18,900	18,900	78.2	133.3	13,400	13,400	50
90	45	60	67.6	132.2	22,600	22,600	70.7	131.2	16,300	16,300	73.6	129.2	11,900	12,000	60
90	45	70	62.9	127.3	19,100	19,100	66.0	126.2	14,300	14,300	68.8	124.1	10,800	10,800	70
90	45	80	58.0	121.2	16,500	16,500	61.0	120.1	12,700	12,700	63.8	117.9	9,900	9,900	80
90	45	90	52.8	113.9	14,500	14,500	55.8	112.7	11,500	11,500	58.4	110.3	9,100	9,100	90
90	45	100	47.2	105.0	13,000	13,000	50.1	103.7	10,600	10,500	52.6	101.1	8,500	8,500	100
90	45	110	41.0	94.1	11,700	11,700	43.8	92.6	9,800	9,800	46.1	89.7	8,000	8,100	110
90	45	120	33.8	80.2	10,700	10,700	36.5	78.4	9,100	9,100					120
90	60	35.79	80.0	155.7	23,500	23,500									35.79
90	60	40	78.4	154.8	22,900	22,900									40
90	60	50	74.4	152.0	20,900	20,900	78.3	150.8	14,300	14,300					50
90	60	60	70.4	148.5	17,200	17,200	74.2	147.3	12,300	12,300	77.8	144.9	9,000	9,000	60
90	60	70	66.3	144.1	14,600	14,600	70.1	142.9	10,800	10,800	73.6	140.4	8,100	8,100	70
90	60	80	62.0	138.8	12,600	12,600	65.7	137.5	9,600	9,600	69.2	135.0	7,300	7,300	80
90	60	90	57.6	132.5	11,100	11,100	61.2	131.2	8,700	8,700	64.6	128.5	6,700	6,700	90
90	60	100	52.9	125.1	9,900	9,900	56.5	123.6	7,900	7,900	59.7	120.8	6,200	6,200	100
90	60	110	47.8	116.2	8,900	9,000	51.3	114.6	7,300	7,300	54.4	111.5	5,800	5,800	110
90	60	120	42.3	105.5	8,100	8,200	45.7	103.7	6,700	6,700	48.6	100.3	5,500	5,500	120
90	60	130	36.0	92.3	7,500	7,500	39.3	90.3	6,300	6,300					130
90	60	140	28.5	75.1	6,900	6,900									140
90	75	39.68	80.0	170.2	18,600	18,600									39.68
90	75	40	79.9	170.2	18,600	18,600									40
90	75	50	76.3	167.6	16,900	16,900									50
90	75	60	72.7	164.4	13,900	13,900	77.1	163.1	9,900	9,900					60
90	75	70	69.0	160.5	11,800	11,800	73.3	159.2	8,700	8,700	77.4	156.4	6,300	6,300	70
90	75	80	65.2	155.8	10,200	10,200	69.5	154.4	7,700	7,700	73.5	151.6	5,700	5,700	80
90	75	90	61.3	150.3	9,000	9,000	65.5	148.8	6,900	6,900	69.5	145.9	5,200	5,200	90
90	75	100	57.2	143.8	8,000	8,000	61.4	142.3	6,200	6,200	65.2	139.2	4,800	4,800	100
90	75	110	52.9	136.2	7,200	7,200	57.0	134.6	5,700	5,700	60.8	131.3	4,400	4,400	110
90	75	120	48.3	127.3	6,500	6,500	52.4	125.6	5,300	5,300	56.0	122.1	4,100	4,100	120
90	75	130	43.3	116.8	6,000	6,000	47.3	114.9	4,900	4,900	50.7	111.0	3,900	3,900	130
90	75	140	37.7	104.1	5,500	5,500	41.6	101.9	4,600	4,600					140
90	75	150	31.3	88.3	5,100	5,100									150

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
100	30	29.77	80.0	136.6	24,000	24,000									29.77
100	30	30	79.9	136.6	24,000	24,000									30
100	30	35	77.7	135.5	24,000	24,000	79.9	134.7	24,000	24,000					35
100	30	40	75.4	134.2	24,000	24,000	77.6	133.4	24,000	24,000	79.6	132.0	20,800	20,800	40
100	30	50	70.8	130.9	24,000	24,000	73.0	130.2	24,000	24,000	75.0	128.7	18,800	18,800	50
100	30	60	66.1	126.7	24,000	24,000	68.2	126.0	24,000	24,000	70.2	124.4	17,200	17,200	60
100	30	70	61.2	121.5	24,000	23,500	63.3	120.7	22,400	22,400	65.2	119.1	15,900	15,900	70
100	30	80	56.1	115.2	23,300	19,700	58.1	114.3	20,000	19,900	59.9	112.6	14,900	14,900	80
100	30	90	50.5	107.4	19,900	16,800	52.5	106.5	18,100	17,000	54.2	104.6	14,000	14,000	90
100	30	100	44.5	97.9	17,300	14,600	46.5	96.9	16,600	14,700	48.0	94.8	13,300	13,300	100
100	30	110	37.8	86.0	15,200	12,800	39.6	84.8	15,300	12,900					110
100	30	120	29.7	70.3	13,500	11,300									120
100	45	33.65	80.0	151.1	24,000	24,000									33.65
100	45	35	79.5	150.8	24,000	24,000									35
100	45	40	77.5	149.7	24,000	24,000									40
100	45	50	73.4	146.8	24,000	24,000	76.3	145.8	19,600	19,600	79.1	143.8	13,700	13,700	50
100	45	60	69.2	143.1	24,000	24,000	72.1	142.1	17,000	17,000	74.8	140.0	12,300	12,300	60
100	45	70	64.9	138.5	20,400	20,400	67.8	137.5	14,900	14,900	70.4	135.4	11,100	11,100	70
100	45	80	60.5	133.0	17,700	17,700	63.3	131.9	13,400	13,400	65.9	129.7	10,200	10,200	80
100	45	90	55.8	126.4	15,600	15,600	58.6	125.3	12,100	12,100	61.0	122.9	9,400	9,400	90
100	45	100	50.8	118.6	13,900	13,900	53.5	117.3	11,100	11,100	55.9	114.8	8,800	8,800	100
100	45	110	45.4	109.1	12,600	12,600	48.1	107.7	10,200	10,200	50.3	105.0	8,300	8,300	110
100	45	120	39.5	97.6	11,500	11,400	42.0	96.0	9,600	9,600					120
100	45	130	32.6	83.0	10,600	10,200									130
100	60	37.53	80.0	165.6	23,200	23,200									37.53
100	60	40	79.1	165.1	22,900	22,900									40
100	60	50	75.4	162.5	21,700	21,700	79.0	161.3	14,700	14,700					50
100	60	60	71.7	159.1	18,200	18,200	75.3	157.9	12,800	12,800	78.6	155.5	9,200	9,200	60
100	60	70	67.9	155.1	15,500	15,500	71.4	153.8	11,200	11,200	74.7	151.3	8,300	8,300	70
100	60	80	63.9	150.2	13,400	13,400	67.4	148.9	10,000	10,000	70.6	146.3	7,500	7,500	80
100	60	90	59.8	144.5	11,800	11,800	63.3	143.1	9,100	9,100	66.4	140.4	6,900	6,900	90
100	60	100	55.6	137.7	10,500	10,500	59.0	136.3	8,300	8,300	62.0	133.4	6,400	6,400	100
100	60	110	51.0	129.7	9,500	9,500	54.4	128.2	7,600	7,600	57.3	125.1	6,000	6,000	110
100	60	120	46.2	120.3	8,700	8,700	49.4	118.6	7,100	7,100	52.2	115.3	5,700	5,700	120
100	60	130	40.8	109.0	8,000	8,000	44.0	107.2	6,600	6,600	46.6	103.5	5,400	5,400	130
100	60	140	34.8	95.2	7,400	7,400	37.8	93.1	6,200	6,200					140
100	60	150	27.5	77.4	6,900	6,900									150
100	75	41.41	80.0	180.1	18,500	18,500									41.41
100	75	50	77.1	178.0	17,600	17,600									50
100	75	60	73.7	175.0	14,600	14,600	77.8	173.6	10,200	10,200					60
100	75	70	70.3	171.4	12,400	12,400	74.4	169.9	8,900	8,900	78.2	167.1	6,500	6,500	70
100	75	80	66.7	167.0	10,800	10,800	70.8	165.5	8,000	8,000	74.6	162.6	5,900	5,900	80
100	75	90	63.1	161.8	9,500	9,500	67.1	160.3	7,200	7,200	70.8	157.3	5,400	5,300	90
100	75	100	59.3	155.9	8,500	8,500	63.3	154.3	6,500	6,500	66.9	151.2	4,900	4,900	100
100	75	110	55.4	148.9	7,600	7,600	59.3	147.3	6,000	5,900	62.8	144.0	4,600	4,600	110
100	75	120	51.2	140.9	6,900	6,900	55.1	139.1	5,500	5,500	58.5	135.6	4,300	4,300	120
100	75	130	46.8	131.5	6,300	6,300	50.6	129.6	5,100	5,100	53.9	125.8	4,000	4,000	130
100	75	140	41.9	120.5	5,800	5,800	45.6	118.4	4,800	4,800	48.8	114.2	3,800	3,800	140
100	75	150	36.5	107.3	5,400	5,400	40.2	104.9	4,500	4,500					150
100	75	160	30.3	90.8	5,000	5,000									160

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
110	30	31.5	80.0	146.5	24,000	24,000									31.5
110	30	35	78.6	145.7	24,000	24,000									35
110	30	40	76.5	144.5	24,000	24,000	78.5	143.8	24,000	24,000					40
110	30	50	72.3	141.5	24,000	24,000	74.3	140.8	24,000	24,000	76.1	139.3	19,200	19,200	50
110	30	60	67.9	137.7	24,000	24,000	69.9	136.9	24,000	24,000	71.7	135.4	17,700	17,700	60
110	30	70	63.4	133.0	24,000	23,300	65.4	132.1	23,500	23,500	67.1	130.5	16,400	16,400	70
110	30	80	58.8	127.2	23,100	19,500	60.7	126.3	21,100	19,700	62.4	124.6	15,300	15,300	80
110	30	90	53.8	120.3	19,700	16,600	55.7	119.4	19,100	16,800	57.3	117.6	14,400	14,400	90
110	30	100	48.6	111.9	17,100	14,400	50.4	110.9	17,200	14,500	51.9	109.0	13,700	13,700	100
110	30	110	42.8	101.8	15,000	12,600	44.6	100.7	15,100	12,700	46.0	98.5	13,100	12,700	110
110	30	120	36.3	89.2	13,200	11,100	38.0	88.0	13,300	11,100					120
110	30	130	28.6	72.8	11,800	9,800									130
110	45	35.38	80.0	160.9	24,000	24,000									35.38
110	45	40	78.3	159.9	24,000	24,000									40
110	45	50	74.5	157.3	24,000	24,000	77.2	156.2	20,300	20,300	79.8	154.2	14,000	14,000	50
110	45	60	70.6	153.8	24,000	24,000	73.3	152.8	17,600	17,600	75.9	150.7	12,600	12,600	60
110	45	70	66.6	149.6	21,800	21,800	69.3	148.6	15,600	15,600	71.8	146.4	11,400	11,400	70
110	45	80	62.5	144.6	18,800	18,800	65.2	143.5	14,000	14,000	67.6	141.2	10,500	10,500	80
110	45	90	58.3	138.6	16,600	16,600	60.9	137.4	12,700	12,700	63.2	135.1	9,800	9,800	90
110	45	100	53.8	131.4	14,800	14,500	56.4	130.2	11,600	11,600	58.6	127.7	9,100	9,100	100
110	45	110	49.0	123.0	13,400	12,700	51.5	121.7	10,700	10,700	53.7	119.1	8,600	8,600	110
110	45	120	43.8	113.0	12,200	11,200	46.3	111.6	10,000	10,000	48.3	108.7	8,200	8,200	120
110	45	130	38.1	100.9	11,300	10,000	40.5	99.3	9,400	9,400					130
110	45	140	31.4	85.7	10,400	8,900									140
110	60	39.27	80.0	175.4	23,000	23,000									39.27
110	60	40	79.7	175.3	22,900	22,900									40
110	60	50	76.3	172.8	21,800	21,800	79.7	171.6	15,100	15,100					50
110	60	60	72.8	169.8	19,200	19,200	76.2	168.5	13,200	13,200	79.3	166.0	9,300	9,300	60
110	60	70	69.2	166.0	16,300	16,300	72.6	164.7	11,600	11,600	75.7	162.1	8,400	8,400	70
110	60	80	65.6	161.4	14,200	14,200	68.9	160.1	10,400	10,400	71.9	157.5	7,700	7,700	80
110	60	90	61.8	156.1	12,500	12,500	65.1	154.7	9,400	9,400	68.0	152.0	7,100	7,100	90
110	60	100	57.9	149.9	11,200	11,200	61.1	148.5	8,600	8,600	64.0	145.6	6,600	6,600	100
110	60	110	53.7	142.6	10,100	10,100	56.9	141.1	7,900	7,900	59.7	138.1	6,200	6,200	110
110	60	120	49.4	134.2	9,200	9,200	52.5	132.6	7,400	7,400	55.2	129.3	5,900	5,800	120
110	60	130	44.7	124.3	8,400	8,400	47.7	122.5	6,900	6,900	50.3	119.0	5,600	5,600	130
110	60	140	39.5	112.5	7,800	7,800	42.5	110.6	6,500	6,500					140
110	60	150	33.7	98.1	7,300	7,300	36.5	95.9	6,200	6,200					150
110	60	160	26.6	79.7	6,800	6,800									160
110	75	43.15	80.0	189.9	18,300	18,300									43.15
110	75	50	77.8	188.3	17,700	17,700									50
110	75	60	74.6	185.5	15,300	15,300	78.5	184.1	10,400	10,400					60
110	75	70	71.4	182.1	13,100	13,100	75.3	180.6	9,200	9,200	78.9	177.7	6,600	6,600	70
110	75	80	68.1	178.0	11,300	11,300	71.9	176.5	8,200	8,200	75.5	173.5	6,000	6,000	80
110	75	90	64.7	173.2	10,000	10,000	68.5	171.6	7,400	7,400	72.0	168.6	5,500	5,500	90
110	75	100	61.2	167.6	8,900	8,900	64.9	166.0	6,800	6,700	68.4	162.8	5,100	5,100	100
110	75	110	57.5	161.2	8,000	8,000	61.2	159.5	6,200	6,200	64.6	156.2	4,700	4,700	110
110	75	120	53.7	153.8	7,300	7,300	57.4	152.1	5,700	5,700	60.7	148.6	4,400	4,400	120
110	75	130	49.7	145.3	6,700	6,700	53.3	143.5	5,300	5,300	56.5	139.8	4,100	4,100	130
110	75	140	45.4	135.5	6,100	6,200	48.9	133.5	5,000	5,000	52.0	129.5	3,900	3,900	140
110	75	150	40.7	124.0	5,700	5,700	44.2	121.8	4,700	4,700	47.0	117.4	3,700	3,700	150
110	75	160	35.5	110.3	5,300	5,300	38.8	107.8	4,400	4,400					160
110	75	170	29.4	93.3	5,000	5,000									170

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
120	30	33.24	80.0	156.3	24,000	24,000									33.24
120	30	35	79.3	156.0	24,000	24,000									35
120	30	40	77.4	154.8	24,000	24,000	79.3	154.1	24,000	24,000					40
120	30	50	73.5	152.1	24,000	24,000	75.3	151.3	24,000	24,000	77.1	149.8	19,600	19,600	50
120	30	60	69.5	148.5	24,000	24,000	71.3	147.7	24,000	24,000	73.0	146.2	18,100	18,100	60
120	30	70	65.3	144.1	24,000	23,000	67.2	143.3	24,000	23,000	68.8	141.7	16,800	16,800	70
120	30	80	61.1	138.9	22,900	19,300	62.9	138.0	22,100	19,500	64.5	136.3	15,700	15,700	80
120	30	90	56.6	132.6	19,500	16,400	58.4	131.7	19,700	16,600	59.9	129.9	14,800	14,800	90
120	30	100	51.9	125.1	16,900	14,100	53.6	124.2	17,000	14,300	55.1	122.3	14,100	14,100	100
120	30	110	46.8	116.2	14,800	12,300	48.5	115.2	14,900	12,500	49.9	113.2	13,500	12,600	110
120	30	120	41.3	105.5	13,000	10,800	42.9	104.4	13,100	10,900					120
120	30	130	35.0	92.3	11,600	9,600	36.6	91.0	11,700	9,700					130
120	30	140	27.5	75.2	10,400	8,500									140
120	45	37.12	80.0	170.8	24,000	24,000									37.12
120	45	40	79.0	170.2	24,000	24,000									40
120	45	50	75.4	167.7	24,000	24,000	78.0	166.6	21,000	21,000					50
120	45	60	71.8	164.5	24,000	24,000	74.4	163.4	18,300	18,300	76.8	161.3	12,900	12,900	60
120	45	70	68.1	160.6	23,100	23,100	70.7	159.5	16,200	16,200	73.0	157.3	11,700	11,700	70
120	45	80	64.3	155.9	20,000	19,400	66.8	154.8	14,500	14,500	69.1	152.5	10,800	10,800	80
120	45	90	60.4	150.3	17,600	16,600	62.9	149.2	13,200	13,200	65.1	146.9	10,000	10,000	90
120	45	100	56.3	143.9	15,700	14,300	58.8	142.6	12,100	12,100	60.9	140.2	9,400	9,400	100
120	45	110	52.0	136.3	14,200	12,500	54.4	135.0	11,200	11,200	56.5	132.4	8,900	8,900	110
120	45	120	47.4	127.4	13,000	11,000	49.7	126.0	10,500	10,500	51.7	123.2	8,400	8,400	120
120	45	130	42.4	116.8	11,700	9,700	44.7	115.3	9,800	9,800	46.5	112.3	8,000	8,000	130
120	45	140	36.8	104.2	10,500	8,700	39.0	102.4	9,300	8,800					140
120	45	150	30.4	88.3	9,400	7,800									150
120	60	41	80.0	185.3	22,700	22,700									41
120	60	50	77.1	183.2	21,800	21,800									50
120	60	60	73.8	180.3	20,200	20,200	77.0	179.0	13,500	13,500					60
120	60	70	70.5	176.7	17,200	17,200	73.6	175.4	12,000	12,000	76.5	172.8	8,600	8,600	70
120	60	80	67.0	172.5	14,900	14,900	70.1	171.2	10,800	10,800	73.0	168.5	7,900	7,900	80
120	60	90	63.5	167.6	13,200	13,200	66.6	166.2	9,800	9,800	69.4	163.4	7,300	7,300	90
120	60	100	59.9	161.8	11,800	11,800	62.9	160.3	9,000	9,000	65.7	157.5	6,800	6,800	100
120	60	110	56.1	155.1	10,700	10,600	59.1	153.6	8,300	8,300	61.8	150.6	6,400	6,400	110
120	60	120	52.1	147.4	9,700	9,700	55.1	145.8	7,700	7,700	57.7	142.7	6,000	6,000	120
120	60	130	47.9	138.5	8,900	8,900	50.8	136.8	7,200	7,200	53.3	133.4	5,700	5,700	130
120	60	140	43.3	128.1	8,200	8,200	46.2	126.3	6,700	6,700	48.5	122.6	5,500	5,500	140
120	60	150	38.3	115.9	7,700	7,700	41.1	113.8	6,400	6,400					150
120	60	160	32.6	101.0	7,200	7,100	35.3	98.6	6,100	6,100					160
120	60	170	25.8	81.8	6,800	6,400									170
120	75	44.89	80.0	199.8	18,100	18,100									44.89
120	75	50	78.5	198.6	17,700	17,700									50
120	75	60	75.5	196.0	16,000	16,000	79.1	194.5	10,700	10,700					60
120	75	70	72.4	192.7	13,700	13,700	76.0	191.2	9,500	9,500	79.5	188.2	6,700	6,700	70
120	75	80	69.3	188.9	11,900	11,900	72.9	187.3	8,500	8,500	76.3	184.3	6,100	6,100	80
120	75	90	66.1	184.4	10,500	10,500	69.7	182.8	7,700	7,700	73.0	179.7	5,600	5,600	90
120	75	100	62.8	179.2	9,400	9,400	66.4	177.5	7,000	7,000	69.7	174.3	5,200	5,200	100
120	75	110	59.4	173.2	8,400	8,400	62.9	171.5	6,400	6,400	66.2	168.2	4,800	4,800	110
120	75	120	55.9	166.4	7,700	7,700	59.4	164.6	5,900	5,900	62.5	161.1	4,500	4,500	120
120	75	130	52.2	158.6	7,000	7,000	55.6	156.8	5,500	5,500	58.7	153.1	4,200	4,200	130
120	75	140	48.3	149.7	6,500	6,500	51.7	147.7	5,200	5,200	54.6	143.8	4,000	4,000	140
120	75	150	44.1	139.4	6,000	6,000	47.4	137.3	4,800	4,800	50.3	133.1	3,800	3,800	150
120	75	160	39.5	127.5	5,600	5,600	42.8	125.1	4,600	4,600	45.5	120.4	3,700	3,700	160
120	75	170	34.5	113.2	5,200	5,200	37.6	110.6	4,400	4,400					170
120	75	180	28.6	95.7	4,900	4,900									180

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
130	30	34.98	80.0	166.2	24,000	24,000									34.98
130	30	40	78.2	165.1	24,000	24,000									40
130	30	50	74.5	162.5	24,000	24,000	76.3	161.7	24,000	24,000	77.9	160.2	19,900	19,900	50
130	30	60	70.8	159.2	24,000	24,000	72.5	158.4	24,000	24,000	74.1	156.8	18,400	18,400	60
130	30	70	67.0	155.1	24,000	22,800	68.7	154.3	24,000	23,100	70.2	152.7	17,200	17,200	70
130	30	80	63.0	150.3	22,700	19,000	64.7	149.4	22,900	19,300	66.2	147.8	16,100	16,100	80
130	30	90	58.9	144.5	19,300	16,200	60.6	143.6	19,500	16,400	62.1	141.9	15,200	15,200	90
130	30	100	54.6	137.7	16,600	13,900	56.3	136.8	16,800	14,100	57.7	135.0	14,500	14,200	100
130	30	110	50.1	129.8	14,500	12,100	51.7	128.8	14,700	12,200	53.1	126.8	13,800	12,400	110
130	30	120	45.2	120.4	12,800	10,600	46.8	119.3	12,900	10,700	48.1	117.2	13,000	10,800	120
130	30	130	39.9	109.1	11,400	9,400	41.4	107.9	11,400	9,500					130
130	30	140	33.9	95.3	10,100	8,300	35.3	94.0	10,200	8,400					140
130	30	150	26.6	77.5	8,900	7,400									150
130	45	38.86	80.0	180.6	24,000	24,000									38.86
130	45	40	79.6	180.4	24,000	24,000									40
130	45	50	76.3	178.0	24,000	24,000	78.7	177.0	21,600	21,600					50
130	45	60	72.9	175.1	24,000	24,000	75.3	174.0	18,900	18,800	77.6	171.8	13,100	13,100	60
130	45	70	69.4	171.4	24,000	23,000	71.8	170.3	16,800	16,800	74.1	168.1	12,000	12,000	70
130	45	80	65.9	167.0	21,100	19,200	68.3	165.9	15,100	15,100	70.4	163.6	11,100	11,100	80
130	45	90	62.3	161.9	18,600	16,300	64.6	160.7	13,700	13,700	66.7	158.4	10,300	10,300	90
130	45	100	58.5	155.9	16,600	14,100	60.8	154.7	12,600	12,600	62.8	152.3	9,700	9,700	100
130	45	110	54.5	149.0	14,700	12,300	56.8	147.7	11,700	11,700	58.8	145.1	9,100	9,100	110
130	45	120	50.4	140.9	12,900	10,800	52.6	139.6	10,900	10,900	54.5	136.9	8,600	8,600	120
130	45	130	45.9	131.5	11,500	9,500	48.1	130.1	10,200	9,700	49.9	127.2	8,200	8,300	130
130	45	140	41.1	120.5	10,300	8,400	43.2	118.9	9,600	8,600					140
130	45	150	35.7	107.3	9,100	7,500	37.8	105.5	9,200	7,600					150
130	45	160	29.5	90.9	8,100	6,700									160
130	60	42.74	80.0	195.1	22,400	22,400									42.74
130	60	50	77.8	193.5	21,700	21,700									50
130	60	60	74.7	190.8	20,800	20,800	77.7	189.4	13,900	13,900					60
130	60	70	71.5	187.4	18,000	18,000	74.5	186.1	12,400	12,400	77.3	183.4	8,800	8,800	70
130	60	80	68.3	183.4	15,700	15,700	71.3	182.1	11,100	11,100	74.0	179.4	8,100	8,100	80
130	60	90	65.0	178.8	13,800	13,800	67.9	177.4	10,100	10,100	70.6	174.6	7,500	7,500	90
130	60	100	61.6	173.4	12,400	12,400	64.5	172.0	9,300	9,300	67.1	169.1	7,000	7,000	100
130	60	110	58.1	167.3	11,200	11,200	61.0	165.7	8,600	8,600	63.5	162.7	6,500	6,500	110
130	60	120	54.4	160.2	10,200	10,200	57.3	158.6	8,000	8,000	59.8	155.4	6,200	6,200	120
130	60	130	50.6	152.1	9,400	9,400	53.4	150.4	7,400	7,400	55.8	147.1	5,900	5,900	130
130	60	140	46.5	142.7	8,700	8,500	49.2	140.9	7,000	7,000	51.5	137.4	5,600	5,600	140
130	60	150	42.1	131.9	8,100	7,600	44.7	130.0	6,600	6,600	46.9	126.0	5,400	5,400	150
130	60	160	37.2	119.1	7,600	6,800	39.8	117.0	6,300	6,300					160
130	60	170	31.7	103.7	7,100	6,100									170
130	60	180	25.1	83.9	6,600	5,500									180

218 HSL 50" x 60" Tube Boom and 24" x 32" Tube Jib Capacities With ABC+A Counterweight															
Refer to "Tubular Jib Notes" in this Crane Rating Manual before operating the crane.															
Boom Length (ft)	Jib Length (ft)	Load Radius (ft)	Boom Angle (deg)	Tip Height (ft)	5 Degree Offset		Boom Angle (deg)	Tip Height (ft)	15 Degree Offset		Boom Angle (deg)	Tip Height (ft)	25 Degree Offset		Load Radius (ft)
					End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)			End-Blk (lbs)	360 Deg (lbs)	
130	75	46.62	80.0	209.6	17,900	17,900									46.62
130	75	50	79.0	208.9	17,600	17,600									50
130	75	60	76.2	206.4	16,700	16,700	79.7	204.8	10,900	10,900					60
130	75	70	73.3	203.3	14,200	14,200	76.8	201.8	9,700	9,700					70
130	75	80	70.3	199.6	12,400	12,400	73.8	198.1	8,700	8,700	77.0	195.0	6,200	6,200	80
130	75	90	67.3	195.4	11,000	11,000	70.7	193.8	7,900	7,900	74.0	190.6	5,700	5,700	90
130	75	100	64.2	190.5	9,800	9,800	67.6	188.9	7,200	7,200	70.8	185.6	5,300	5,300	100
130	75	110	61.0	184.9	8,800	8,800	64.4	183.2	6,600	6,600	67.5	179.9	4,900	4,900	110
130	75	120	57.8	178.6	8,000	8,100	61.1	176.8	6,100	6,100	64.1	173.3	4,600	4,600	120
130	75	130	54.3	171.4	7,400	7,400	57.6	169.5	5,700	5,700	60.6	165.9	4,400	4,400	130
130	75	140	50.8	163.2	6,800	6,800	54.0	161.3	5,300	5,300	56.9	157.4	4,100	4,100	140
130	75	150	47.0	153.9	6,300	6,300	50.2	151.8	5,000	5,000	52.9	147.7	3,900	3,900	150
130	75	160	42.9	143.2	5,900	5,900	46.1	141.0	4,700	4,700	48.7	136.5	3,800	3,800	160
130	75	170	38.5	130.8	5,500	5,500	41.6	128.4	4,500	4,500					170
130	75	180	33.6	116.1	5,200	5,200	36.5	113.3	4,300	4,300					180
130	75	190	27.8	98.0	4,900	4,900									190
140	30	36.71	80.0	176.0	24,000	24,000									36.71
140	30	40	78.9	175.3	24,000	24,000									40
140	30	50	75.4	172.9	24,000	24,000	77.1	172.1	24,000	24,000	78.7	170.6	20,300	20,300	50
140	30	60	72.0	169.8	24,000	24,000	73.6	169.0	24,000	24,000	75.1	167.4	18,800	18,800	60
140	30	70	68.4	166.0	24,000	22,600	70.0	165.2	24,000	22,900	71.5	163.6	17,500	17,500	70
140	30	80	64.7	161.5	22,400	18,800	66.3	160.7	22,700	19,100	67.8	159.0	16,500	16,500	80
140	30	90	60.9	156.2	19,100	16,000	62.5	155.3	19,300	16,200	63.9	153.6	15,600	15,600	90
140	30	100	57.0	150.0	16,400	13,700	58.6	149.1	16,600	13,900	59.9	147.2	14,800	14,000	100
140	30	110	52.9	142.7	14,300	11,900	54.4	141.8	14,500	12,000	55.7	139.9	14,100	12,200	110
140	30	120	48.5	134.3	12,600	10,400	50.0	133.2	12,700	10,500	51.2	131.2	12,800	10,600	120
140	30	130	43.8	124.4	11,100	9,100	45.3	123.3	11,200	9,200	46.4	121.1	11,300	9,300	130
140	30	140	38.7	112.6	9,700	8,100	40.1	111.4	9,800	8,200					140
140	30	150	32.8	98.2	8,600	7,200									150
140	30	160	25.8	79.8	7,600	6,400									160
140	45	40.59	80.0	190.5	24,000	24,000									40.59
140	45	50	77.0	188.4	24,000	24,000	79.4	187.3	22,100	22,100					50
140	45	60	73.8	185.6	24,000	24,000	76.1	184.5	19,400	19,400	78.3	182.3	13,400	13,400	60
140	45	70	70.6	182.1	24,000	22,800	72.9	181.0	17,300	17,300	75.0	178.8	12,300	12,300	70
140	45	80	67.3	178.0	22,100	19,000	69.5	176.9	15,600	15,600	71.6	174.6	11,300	11,300	80
140	45	90	63.9	173.2	19,200	16,100	66.1	172.1	14,200	14,200	68.1	169.7	10,600	10,600	90
140	45	100	60.4	167.7	16,600	13,900	62.6	166.5	13,100	13,100	64.5	164.0	9,900	9,900	100
140	45	110	56.7	161.3	14,500	12,000	58.9	160.0	12,100	12,100	60.8	157.5	9,300	9,400	110
140	45	120	52.9	153.9	12,700	10,500	55.0	152.6	11,300	10,700	56.9	149.9	8,900	8,900	120
140	45	130	48.9	145.4	11,300	9,300	51.0	144.0	10,600	9,500	52.7	141.2	8,500	8,500	130
140	45	140	44.6	135.6	9,900	8,200	46.6	134.1	10,000	8,400	48.3	131.0	8,100	8,100	140
140	45	150	39.9	124.1	8,800	7,300	41.9	122.4	8,900	7,400					150
140	45	160	34.7	110.4	7,700	6,500	36.6	108.5	7,900	6,600					160
140	45	170	28.6	93.4	6,900	5,800									170