

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

62" x 70" (1.57 x 1.78 m) Tube Boom - 30" x 36" (.75 x .91 m) Tube Jib - 360° Rotation

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
50	30	17	79.9	85.6	30.0*	30.0*								
50	30	18	79.2	85.4	29.8*	29.8*								
50	30	19	78.4	85.2	29.6*	29.6*								
50	30	20	77.7	84.9	29.4*	29.4*								
50	30	25	74.0	83.7	28.3*	28.3*	79.5	83.6	26.4*	26.4*				
50	30	30	70.2	82.0	27.2*	27.2*	75.7	82.0	25.4*	25.4*				
50	30	35	66.4	80.0	26.1*	26.1*	71.8	80.1	24.3*	24.3*	76.7	78.7	21.3*	21.3*
50	30	40	62.4	77.6	25.0*	25.0*	67.8	77.7	23.3*	23.3*	72.6	76.3	19.7*	19.7*
50	30	50	54.0	71.3	22.8*	22.8*	59.3	71.6	20.5*	20.5*	63.8	70.0	17.0*	17.0*
50	30	60	44.5	62.7	19.4*	19.4*	49.7	63.0	16.7*	16.7*	53.7	61.1	15.2*	15.2*
50	30	70	33.1	50.2	15.8*	15.8*	38.0	50.4	15.3*	15.3*				
50	40	19	79.7	95.2	26.7*	26.7*								
50	40	20	79.1	95.0	26.5*	26.5*								
50	40	25	75.8	93.8	25.6*	25.6*								
50	40	30	72.5	92.3	24.7*	24.7*	79.0	92.2	23.3*	23.3*				
50	40	35	69.1	90.5	23.8*	23.8*	75.6	90.5	21.8*	21.8*				
50	40	40	65.7	88.3	22.7*	22.7*	72.1	88.5	20.3*	20.3*	78.1	86.8	17.0*	17.0*
50	40	50	58.5	82.9	19.5*	19.5*	64.8	83.2	17.1*	17.1*	70.5	81.5	14.5*	14.5*
50	40	60	50.7	75.6	16.3*	16.3*	56.9	76.1	14.5*	14.5*	62.3	74.1	12.0*	12.0*
50	40	70	41.8	65.9	13.5*	13.5*	48.0	66.4	11.8*	11.8*	52.9	64.0	10.9*	10.9*
50	40	80	31.1	52.2	11.3*	11.3*	37.0	52.6	10.6*	10.6*				
50	50	25	77.3	104.0	23.3*	23.3*								
50	50	30	74.3	102.7	22.5*	22.5*								
50	50	35	71.3	101.1	21.7*	21.7*	78.6	101.1	20.4*	20.4*				
50	50	40	68.3	99.2	20.9*	20.9*	75.6	99.3	18.8*	18.8*				
50	50	50	61.9	94.4	17.9*	17.9*	69.2	94.7	15.3*	15.3*	75.9	92.9	12.0*	12.0*
50	50	60	55.2	88.1	14.2*	14.2*	62.4	88.6	12.0*	12.0*	68.8	86.7	10.2*	10.2*
50	50	70	47.9	80.0	11.4*	11.4*	54.9	80.7	10.1*	10.1*	61.0	78.5	8.4*	8.4*
50	50	80	39.6	69.4	9.3*	9.3*	46.5	70.1	8.3*	8.3*	52.1	67.4	7.5*	7.5*
50	50	90	29.5	54.7	7.8*	7.8*	36.1	55.3	7.2*	7.2*				
50	60	25	78.4	114.4	21.2*	21.2*								
50	60	30	75.8	113.2	20.5*	20.5*								
50	60	35	73.1	111.7	19.8*	19.8*								
50	60	40	70.3	110.0	19.1*	19.1*	78.3	110.3	18.0*	18.0*				
50	60	50	64.7	105.8	17.1*	17.1*	72.6	106.3	14.6*	14.6*				
50	60	60	58.8	100.3	13.5*	13.5*	66.6	101.0	11.0*	11.0*	73.9	99.1	8.4*	8.4*
50	60	70	52.4	93.4	9.7*	9.7*	60.3	94.2	8.4*	8.4*	67.3	92.2	7.1*	7.1*
50	60	80	45.5	84.5	7.8*	7.8*	53.2	85.6	7.0*	7.0*	59.9	83.2	5.8*	5.8*
50	60	90	37.7	73.2	6.3*	6.3*	45.2	74.2	5.8*	5.8*	51.4	71.2	5.3*	5.3*
50	60	100	28.1	57.6	5.4*	5.4*	35.3	58.4	5.1*	5.1*				
50	70	25	79.4	124.8	18.8*	18.8*								
50	70	30	77.0	123.8	18.1*	18.1*								
50	70	35	74.5	122.5	17.5*	17.5*								
50	70	40	72.0	121.0	16.8*	16.8*								
50	70	50	66.9	117.2	15.4*	15.4*	75.5	117.8	14.2*	14.2*				
50	70	60	61.6	112.4	13.3*	13.3*	70.1	113.2	11.7*	11.7*	78.1	111.4	9.2*	9.2*

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
50	70	70	56.0	106.3	10.7*	10.7*	64.5	107.4	9.0*	9.0*	72.3	105.5	7.3*	7.3*
50	70	80	50.1	98.8	7.9*	7.9*	58.4	100.0	7.2*	7.2*	65.9	98.0	6.0*	6.0*
50	70	90	43.5	89.4	6.6*	6.6*	51.7	90.8	5.9*	5.9*	58.9	88.3	4.8*	4.8*
50	70	100	36.0	77.3	5.1*	5.1*	44.1	78.7	4.7*	4.7*	50.8	75.6	4.3*	4.3*
50	70	110	26.9	61.0	4.4*	4.4*	34.7	62.1	4.1*	4.1*				
60	30	19	79.7	95.4	29.9*	29.9*								
60	30	20	79.1	95.2	29.8*	29.8*								
60	30	25	75.8	94.0	28.8*	28.8*								
60	30	30	72.5	92.6	27.9*	27.9*	77.4	92.5	25.8*	25.8*				
60	30	35	69.1	90.8	26.9*	26.9*	74.0	90.8	24.9*	24.9*	78.4	89.3	21.9*	21.9*
60	30	40	65.7	88.7	25.9*	25.9*	70.5	88.8	24.0*	24.0*	74.8	87.3	20.3*	20.3*
60	30	50	58.5	83.4	24.0*	24.0*	63.2	83.5	22.0*	22.0*	67.3	82.0	17.8*	17.8*
60	30	60	50.7	76.2	21.9*	21.9*	55.3	76.5	18.9*	18.9*	59.1	74.7	15.8*	15.8*
60	30	70	41.8	66.6	18.4*	18.4*	46.3	66.8	15.9*	15.9*	49.7	64.6	14.6*	14.6*
60	30	80	31.1	53.0	15.6*	15.6*	35.4	53.1	15.1*	15.1*				
60	40	25	77.3	104.1	26.0*	26.0*								
60	40	30	74.3	102.8	25.2*	25.2*								
60	40	35	71.3	101.2	24.4*	24.4*	77.1	101.1	22.5*	22.5*				
60	40	40	68.3	99.3	23.6*	23.6*	74.1	99.3	21.1*	21.1*	79.4	97.4	17.6*	17.6*
60	40	50	61.9	94.5	21.1*	21.1*	67.7	94.6	18.3*	18.3*	72.8	92.8	15.3*	15.3*
60	40	60	55.2	88.2	18.1*	18.1*	60.9	88.5	15.7*	15.7*	65.8	86.5	13.1*	13.1*
60	40	70	47.9	80.2	15.4*	15.4*	53.5	80.5	13.4*	13.4*	58.1	78.3	11.5*	11.5*
60	40	80	39.6	69.6	12.8*	12.8*	45.0	70.0	11.5*	11.5*	49.1	67.2	10.5*	10.5*
60	40	90	29.5	54.9	11.1*	11.1*	34.6	55.1	10.3*	10.3*				
60	50	25	78.4	114.3	23.7*	23.7*								
60	50	30	75.8	113.1	22.9*	22.9*								
60	50	35	73.1	111.6	22.2*	22.2*	79.7	111.6	20.8*	20.8*				
60	50	40	70.3	109.9	21.5*	21.5*	77.0	109.9	19.5*	19.5*				
60	50	50	64.7	105.6	19.4*	19.4*	71.3	105.8	16.4*	16.4*	77.3	103.8	12.4*	12.4*
60	50	60	58.8	100.1	16.1*	16.1*	65.3	100.5	13.1*	13.1*	71.1	98.4	10.8*	10.8*
60	50	70	52.4	93.1	12.7*	12.7*	58.9	93.6	11.1*	11.1*	64.5	91.3	9.1*	9.1*
60	50	80	45.5	84.3	10.8*	10.8*	51.9	84.9	9.3*	9.3*	57.1	82.3	8.0*	8.0*
60	50	90	37.7	72.9	8.8*	8.8*	43.9	73.5	8.0*	8.0*	48.6	70.2	7.1*	7.1*
60	50	100	28.1	57.3	7.6*	7.6*	34.0	57.6	7.0*	7.0*				
60	60	25	79.4	124.6	21.5*	21.5*								
60	60	30	77.0	123.5	20.8*	20.8*								
60	60	35	74.5	122.2	20.2*	20.2*								
60	60	40	72.0	120.6	19.5*	19.5*	79.4	120.7	18.3*	18.3*				
60	60	50	66.9	116.8	18.2*	18.2*	74.2	117.1	15.6*	15.6*				
60	60	60	61.6	111.9	15.2*	15.2*	68.8	112.4	12.4*	12.4*	75.5	110.3	8.8*	8.8*
60	60	70	56.0	105.7	11.9*	11.9*	63.2	106.4	9.0*	9.0*	69.7	104.2	7.6*	7.6*
60	60	80	50.1	98.1	8.7*	8.7*	57.1	98.9	7.7*	7.7*	63.3	96.5	6.3*	6.3*
60	60	90	43.5	88.6	7.4*	7.4*	50.5	89.5	6.4*	6.4*	56.3	86.7	5.6*	5.6*
60	60	100	36.0	76.5	5.9*	5.9*	42.8	77.4	5.6*	5.6*	48.1	73.7	5.1*	5.1*
60	60	110	26.9	60.0	5.3*	5.3*	33.4	60.6	5.0*	5.0*				

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
60	70	30	78.0	134.0	18.4*	18.4*								
60	70	35	75.7	132.8	17.8*	17.8*								
60	70	40	73.4	131.4	17.2*	17.2*								
60	70	50	68.8	128.0	15.9*	15.9*	76.7	128.5	14.7*	14.7*				
60	70	60	64.0	123.6	14.4*	14.4*	71.8	124.3	12.5*	12.5*	79.2	122.2	9.6*	9.6*
60	70	70	59.0	118.2	12.1*	12.1*	66.7	119.0	10.1*	10.1*	73.9	116.9	7.6*	7.6*
60	70	80	53.7	111.5	9.6*	9.6*	61.4	112.5	7.8*	7.8*	68.3	110.3	6.5*	6.5*
60	70	90	48.0	103.3	7.5*	7.5*	55.6	104.5	6.6*	6.6*	62.3	102.0	5.3*	5.3*
60	70	100	41.7	93.3	6.3*	6.3*	49.2	94.5	5.4*	5.4*	55.6	91.5	4.6*	4.6*
60	70	110	34.6	80.5	4.9*	4.9*	41.9	81.7	4.6*	4.6*	47.7	77.8	4.1*	4.1*
60	70	120	25.8	63.3	4.3*	4.3*	32.8	64.1	4.0*	4.0*				
70	30	25	77.3	104.3	29.2*	29.2*								
70	30	30	74.3	103.0	28.4*	28.4*	78.7	102.9	26.2*	26.2*				
70	30	35	71.3	101.5	27.5*	27.5*	75.7	101.4	25.4*	25.4*	79.6	99.8	22.4*	22.4*
70	30	40	68.3	99.6	26.7*	26.7*	72.6	99.6	24.5*	24.5*	76.5	98.0	20.9*	20.9*
70	30	50	61.9	94.9	24.9*	24.9*	66.2	95.0	22.8*	22.8*	69.9	93.4	18.5*	18.5*
70	30	60	55.2	88.8	23.1*	23.1*	59.4	88.9	20.6*	20.6*	62.9	87.2	16.7*	16.7*
70	30	70	47.9	80.8	20.8*	20.8*	52.0	81.0	17.6*	17.6*	55.2	79.0	15.3*	15.3*
70	30	80	39.6	70.3	17.5*	17.5*	43.6	70.5	15.7*	15.7*	46.4	68.0	14.2*	14.2*
70	30	90	29.5	55.7	15.5*	15.5*	33.2	55.7	15.0*	15.0*				
70	40	25	78.4	114.4	26.3*	26.3*								
70	40	30	75.8	113.2	25.6*	25.6*								
70	40	35	73.1	111.7	24.9*	24.9*	78.4	111.5	23.0*	23.0*				
70	40	40	70.3	110.0	24.2*	24.2*	75.6	109.9	21.8*	21.8*				
70	40	50	64.7	105.7	22.3*	22.3*	69.9	105.8	19.3*	19.3*	74.6	103.8	15.8*	15.8*
70	40	60	58.8	100.2	19.7*	19.7*	63.9	100.4	16.6*	16.6*	68.4	98.3	13.9*	13.9*
70	40	70	52.4	93.3	16.9*	16.9*	57.5	93.5	14.6*	14.6*	61.8	91.3	11.9*	11.9*
70	40	80	45.5	84.4	14.7*	14.7*	50.5	84.8	12.5*	12.5*	54.5	82.2	11.1*	11.1*
70	40	90	37.7	73.1	12.2*	12.2*	42.5	73.4	11.2*	11.2*				
70	40	100	28.1	57.5	11.0*	11.0*								
70	50	25	79.4	124.5	23.9*	23.9*								
70	50	30	77.0	123.4	23.3*	23.3*								
70	50	35	74.5	122.1	22.6*	22.6*								
70	50	40	72.0	120.5	21.9*	21.9*	78.1	120.4	20.1*	20.1*				
70	50	50	66.9	116.6	20.6*	20.6*	73.0	116.7	17.3*	17.3*	78.5	114.5	13.1*	13.1*
70	50	60	61.6	111.7	17.7*	17.7*	67.6	111.9	14.4*	14.4*	73.0	109.7	11.3*	11.3*
70	50	70	56.0	105.5	14.7*	14.7*	62.0	105.9	11.9*	11.9*	67.1	103.5	9.8*	9.8*
70	50	80	50.1	97.8	11.9*	11.9*	55.9	98.3	10.3*	10.3*	60.8	95.7	8.4*	8.4*
70	50	90	43.5	88.3	10.2*	10.2*	49.2	88.9	8.6*	8.6*	53.8	85.8	7.7*	7.7*
70	50	100	36.0	76.2	8.5*	8.5*	41.6	76.6	7.8*	7.8*				
70	50	110	26.9	59.7	7.5*	7.5*								
70	60	30	78.0	133.8	21.1*	21.1*								
70	60	35	75.7	132.6	20.5*	20.5*								
70	60	40	73.4	131.1	19.9*	19.9*								
70	60	50	68.8	127.6	18.7*	18.7*	75.5	127.8	16.4*	16.4*				
70	60	60	64.0	123.2	16.7*	16.7*	70.7	123.5	13.4*	13.4*	76.8	121.2	9.1*	9.1*

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
70	60	70	59.0	117.6	13.6*	13.6*	65.6	118.2	10.4*	10.4*	71.6	115.8	8.0*	8.0*
70	60	80	53.7	110.9	10.5*	10.5*	60.2	111.5	8.4*	8.4*	66.0	109.0	6.8*	6.8*
70	60	90	48.0	102.6	8.3*	8.3*	54.4	103.4	7.2*	7.2*	59.9	100.5	5.8*	5.8*
70	60	100	41.7	92.5	7.1*	7.1*	48.1	93.3	5.9*	5.9*	53.2	89.9	5.4*	5.4*
70	60	110	34.6	79.7	5.8*	5.8*	40.8	80.4	5.5*	5.5*				
70	60	120	25.8	62.4	5.3*	5.3*								
70	70	30	78.9	144.2	18.6*	18.6*								
70	70	35	76.8	143.1	18.1*	18.1*								
70	70	40	74.7	141.8	17.5*	17.5*								
70	70	50	70.4	138.7	16.3*	16.3*	77.7	139.0	15.1*	15.1*				
70	70	60	66.0	134.7	15.2*	15.2*	73.2	135.2	13.1*	13.1*				
70	70	70	61.4	129.7	13.2*	13.2*	68.6	130.4	11.0*	11.0*	75.3	128.0	7.9*	7.9*
70	70	80	56.6	123.7	11.0*	11.0*	63.8	124.6	8.7*	8.7*	70.3	122.1	6.9*	6.9*
70	70	90	51.6	116.4	8.6*	8.6*	58.7	117.5	7.3*	7.3*	64.9	114.8	5.8*	5.8*
70	70	100	46.1	107.7	7.1*	7.1*	53.1	108.8	6.1*	6.1*	59.1	105.8	4.9*	4.9*
70	70	110	40.1	97.0	6.0*	6.0*	47.0	98.1	4.9*	4.9*	52.7	94.5	4.4*	4.4*
70	70	120	33.3	83.6	4.8*	4.8*	40.0	84.6	4.5*	4.5*				
70	70	130	24.8	65.6	4.3*	4.3*								
80	30	25	78.4	114.6	29.6*	29.6*								
80	30	30	75.8	113.4	28.8*	28.8*	79.7	113.2	26.5*	26.5*				
80	30	35	73.1	112.0	28.0*	28.0*	77.0	111.8	25.7*	25.7*				
80	30	40	70.3	110.3	27.2*	27.2*	74.3	110.2	25.0*	25.0*	77.8	108.6	21.4*	21.4*
80	30	50	64.7	106.1	25.7*	25.7*	68.6	106.1	23.5*	23.5*	72.0	104.5	19.1*	19.1*
80	30	60	58.8	100.7	24.1*	24.1*	62.6	100.8	21.9*	21.9*	65.8	99.0	17.3*	17.3*
80	30	70	52.4	93.8	22.4*	22.4*	56.2	94.0	19.3*	19.3*	59.3	92.0	15.8*	15.8*
80	30	80	45.5	85.1	19.8*	19.8*	49.2	85.3	16.5*	16.5*	52.0	83.0	14.8*	14.8*
80	30	90	37.7	73.8	16.7*	16.7*	41.3	73.9	15.5*	15.5*				
80	30	100	28.1	58.3	15.4*	15.4*								
80	40	25	79.4	124.6	26.6*	26.6*								
80	40	30	77.0	123.5	25.9*	25.9*								
80	40	35	74.5	122.1	25.3*	25.3*	79.4	121.9	23.4*	23.4*				
80	40	40	72.0	120.6	24.6*	24.6*	76.9	120.4	22.3*	22.3*				
80	40	50	66.9	116.7	23.3*	23.3*	71.7	116.7	20.1*	20.1*	76.0	114.6	16.2*	16.2*
80	40	60	61.6	111.8	20.9*	20.9*	66.4	111.9	17.7*	17.7*	70.5	109.7	14.5*	14.5*
80	40	70	56.0	105.6	18.5*	18.5*	60.7	105.8	15.6*	15.6*	64.7	103.5	12.7*	12.7*
80	40	80	50.1	98.0	16.1*	16.1*	54.7	98.3	13.8*	13.8*	58.4	95.8	11.5*	11.5*
80	40	90	43.5	88.5	14.0*	14.0*	48.0	88.8	11.8*	11.8*	51.5	85.9	10.7*	10.7*
80	40	100	36.0	76.4	11.9*	11.9*	40.4	76.6	11.0*	11.0*				
80	40	110	26.9	59.9	10.8*	10.8*								
80	50	30	78.0	133.7	23.5*	23.5*								
80	50	35	75.7	132.5	22.9*	22.9*								
80	50	40	73.4	131.0	22.3*	22.3*	79.1	130.8	20.6*	20.6*				
80	50	50	68.8	127.5	21.1*	21.1*	74.4	127.4	18.1*	18.1*	79.5	125.1	13.6*	13.6*
80	50	60	64.0	123.0	19.0*	19.0*	69.5	123.1	15.4*	15.4*	74.5	120.7	11.7*	11.7*
80	50	70	59.0	117.4	16.3*	16.3*	64.4	117.7	12.7*	12.7*	69.3	115.2	10.3*	10.3*
80	50	80	53.7	110.6	13.4*	13.4*	59.1	111.0	11.1*	11.1*	63.7	108.4	8.9*	8.9*

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
80	50	90	48.0	102.4	11.4*	11.4*	53.3	102.8	9.7*	9.7*	57.7	99.9	8.1*	8.1*
80	50	100	41.7	92.2	9.8*	9.8*	46.9	92.6	8.3*	8.3*	51.0	89.2	7.4*	7.4*
80	50	110	34.6	79.3	8.3*	8.3*	39.6	79.7	7.6*	7.6*				
80	50	120	25.8	62.0	7.4*	7.4*								
80	60	30	78.9	144.0	21.3*	21.3*								
80	60	35	76.8	142.9	20.8*	20.8*								
80	60	40	74.7	141.6	20.2*	20.2*								
80	60	50	70.4	138.3	19.1*	19.1*	76.6	138.4	17.0*	17.0*				
80	60	60	66.0	134.2	17.8*	17.8*	72.2	134.5	14.3*	14.3*	77.9	132.0	9.8*	9.8*
80	60	70	61.4	129.2	15.1*	15.1*	67.5	129.6	11.6*	11.6*	73.1	127.0	8.3*	8.3*
80	60	80	56.6	123.1	12.2*	12.2*	62.7	123.6	8.9*	8.9*	68.1	121.0	7.3*	7.3*
80	60	90	51.6	115.8	9.2*	9.2*	57.6	116.4	7.8*	7.8*	62.8	113.5	6.2*	6.2*
80	60	100	46.1	107.0	7.9*	7.9*	52.1	107.7	6.7*	6.7*	57.0	104.4	5.7*	5.7*
80	60	110	40.1	96.2	6.7*	6.7*	46.0	96.9	5.8*	5.8*	50.5	93.1	5.2*	5.2*
80	60	120	33.3	82.7	5.8*	5.8*	39.0	83.3	5.3*	5.3*				
80	60	130	24.8	64.6	5.2*	5.2*								
80	70	30	79.6	154.4	18.8*	18.8*								
80	70	35	77.7	153.4	18.3*	18.3*								
80	70	40	75.7	152.2	17.8*	17.8*								
80	70	50	71.7	149.3	16.7*	16.7*	78.6	149.4	15.3*	15.3*				
80	70	60	67.6	145.6	15.6*	15.6*	74.4	145.9	13.7*	13.7*				
80	70	70	63.4	141.0	14.2*	14.2*	70.2	141.5	11.7*	11.7*	76.4	139.0	8.4*	8.4*
80	70	80	59.1	135.5	12.1*	12.1*	65.8	136.2	9.7*	9.7*	71.9	133.6	7.2*	7.2*
80	70	90	54.5	129.0	10.0*	10.0*	61.2	129.8	7.8*	7.8*	67.1	127.0	6.3*	6.3*
80	70	100	49.7	121.2	7.9*	7.9*	56.3	122.1	6.8*	6.8*	61.9	119.1	5.2*	5.2*
80	70	110	44.5	111.9	6.8*	6.8*	51.0	112.9	5.7*	5.7*	56.4	109.4	4.7*	4.7*
80	70	120	38.7	100.6	5.7*	5.7*	45.1	101.6	4.8*	4.8*	50.1	97.4	4.3*	4.3*
80	70	130	32.1	86.5	4.7*	4.7*	38.3	87.4	4.4*	4.4*				
80	70	140	24.0	67.7	4.2*	4.2*								
90	30	25	79.4	124.8	29.9*	29.9*								
90	30	30	77.0	123.7	29.2*	29.2*								
90	30	35	74.5	122.4	28.4*	28.4*	78.1	122.2	26.0*	26.0*				
90	30	40	72.0	120.9	27.7*	27.7*	75.6	120.7	25.4*	25.4*	78.9	119.1	21.8*	21.8*
90	30	50	66.9	117.1	26.3*	26.3*	70.5	117.1	24.0*	24.0*	73.6	115.4	19.6*	19.6*
90	30	60	61.6	112.2	24.8*	24.8*	65.1	112.3	22.6*	22.6*	68.2	110.5	17.8*	17.8*
90	30	70	56.0	106.2	23.3*	23.3*	59.5	106.3	20.6*	20.6*	62.4	104.4	16.4*	16.4*
90	30	80	50.1	98.6	21.7*	21.7*	53.5	98.7	18.2*	18.2*	56.2	96.6	15.3*	15.3*
90	30	90	43.5	89.2	19.0*	19.0*	46.8	89.3	15.9*	15.9*	49.3	86.9	14.4*	14.4*
90	30	100	36.0	77.1	16.0*	16.0*	39.3	77.2	15.4*	15.4*				
90	30	110	26.9	60.7	15.4*	14.4								
90	40	30	78.0	133.7	26.2*	26.2*								
90	40	35	75.7	132.5	25.6*	25.6*								
90	40	40	73.4	131.1	25.0*	25.0*	77.9	130.8	22.8*	22.8*				
90	40	50	68.8	127.6	23.8*	23.8*	73.2	127.4	20.7*	20.7*	77.2	125.3	16.6*	16.6*
90	40	60	64.0	123.1	22.0*	22.0*	68.4	123.1	18.6*	18.6*	72.2	120.9	15.1*	15.1*
90	40	70	59.0	117.6	19.8*	19.8*	63.3	117.6	16.5*	16.5*	67.0	115.3	13.4*	13.4*

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
90	40	80	53.7	110.8	17.4*	17.4*	57.9	111.0	14.8*	14.8*	61.5	108.5	11.9*	11.9*
90	40	90	48.0	102.5	15.4*	15.4*	52.2	102.7	13.0*	13.0*	55.5	100.0	11.2*	11.2*
90	40	100	41.7	92.4	13.5*	13.5*	45.8	92.6	11.6*	11.6*	48.9	89.4	10.4*	10.4*
90	40	110	34.6	79.5	11.7*	11.7*	38.6	79.6	10.8*	10.8*				
90	40	120	25.8	62.2	10.7*	10.7*								
90	50	30	78.9	143.9	23.8*	23.8*								
90	50	35	76.8	142.8	23.2*	23.2*								
90	50	40	74.7	141.4	22.6*	22.6*	79.9	141.2	20.8*	20.8*				
90	50	50	70.4	138.2	21.5*	21.5*	75.5	138.1	18.7*	18.7*				
90	50	60	66.0	134.1	20.1*	20.1*	71.1	134.1	16.3*	16.3*	75.7	131.6	12.0*	12.0*
90	50	70	61.4	129.0	17.6*	17.6*	66.5	129.1	13.8*	13.8*	71.0	126.6	10.8*	10.8*
90	50	80	56.6	122.9	15.0*	15.0*	61.7	123.1	11.8*	11.8*	66.0	120.5	9.5*	9.5*
90	50	90	51.6	115.5	12.3*	12.3*	56.5	115.9	10.5*	10.5*	60.7	113.0	8.4*	8.4*
90	50	100	46.1	106.7	10.9*	10.9*	51.0	107.1	9.1*	9.1*	54.9	103.8	7.8*	7.8*
90	50	110	40.1	95.9	9.4*	9.4*	44.9	96.3	8.1*	8.1*	48.5	92.5	7.1*	7.1*
90	50	120	33.3	82.4	8.2*	8.2*	37.9	82.6	7.4*	7.4*				
90	50	130	24.8	64.2	7.3*	7.3*								
90	60	30	79.6	154.2	21.5*	21.5*								
90	60	35	77.7	153.1	21.0*	21.0*								
90	60	40	75.7	151.9	20.5*	20.5*								
90	60	50	71.7	148.9	19.4*	19.4*	77.6	148.9	17.6*	17.6*				
90	60	60	67.6	145.1	18.4*	18.4*	73.4	145.3	15.1*	15.1*	78.8	142.6	10.3*	10.3*
90	60	70	63.4	140.5	16.3*	16.3*	69.2	140.8	12.6*	12.6*	74.4	138.1	8.5*	8.5*
90	60	80	59.1	135.0	13.7*	13.7*	64.8	135.4	9.9*	9.9*	69.9	132.6	7.6*	7.6*
90	60	90	54.5	128.3	11.0*	11.0*	60.2	128.9	8.4*	8.4*	65.1	125.9	6.7*	6.7*
90	60	100	49.7	120.5	8.7*	8.7*	55.3	121.1	7.4*	7.4*	60.0	117.9	5.8*	5.8*
90	60	110	44.5	111.1	7.6*	7.6*	50.0	111.7	6.3*	6.3*	54.4	108.1	5.5*	5.5*
90	60	120	38.7	99.8	6.5*	6.5*	44.1	100.4	5.7*	5.7*	48.2	96.1	5.1*	5.1*
90	60	130	32.1	85.6	5.7*	5.7*	37.3	86.0	5.2*	5.2*				
90	60	140	24.0	66.8	5.1*	5.1*								
90	70	35	78.4	163.6	18.5*	18.5*								
90	70	40	76.6	162.5	18.0*	18.0*								
90	70	50	72.9	159.8	17.0*	17.0*	79.3	159.8	15.5*	15.5*				
90	70	60	69.1	156.3	16.0*	16.0*	75.5	156.6	14.2*	14.2*				
90	70	70	65.2	152.1	15.0*	15.0*	71.6	152.5	12.3*	12.3*	77.4	149.8	8.8*	8.8*
90	70	80	61.2	147.0	13.1*	13.1*	67.5	147.6	10.4*	10.4*	73.2	144.8	7.5*	7.5*
90	70	90	57.0	141.0	11.2*	11.2*	63.3	141.8	8.5*	8.5*	68.8	138.9	6.6*	6.6*
90	70	100	52.7	134.0	9.1*	9.1*	58.8	134.8	7.3*	7.3*	64.2	131.7	5.7*	5.7*
90	70	110	48.0	125.7	7.5*	7.5*	54.1	126.6	6.3*	6.3*	59.3	123.2	4.9*	4.9*
90	70	120	43.0	115.9	6.5*	6.5*	49.0	116.8	5.3*	5.3*	53.9	112.9	4.5*	4.5*
90	70	130	37.4	104.0	5.4*	5.4*	43.4	104.9	4.7*	4.7*	47.8	100.2	4.1*	4.1*
90	70	140	31.1	89.3	4.7*	4.7*	36.8	90.0	4.3*	4.3*				
90	70	150	23.2	69.8	4.2*	4.2*								
100	30	30	78.0	133.9	29.4*	29.4*								
100	30	35	75.7	132.8	28.8*	28.8*	79.1	132.5	26.3*	26.3*				
100	30	40	73.4	131.4	28.1*	28.1*	76.8	131.2	25.7*	25.7*	79.8	129.5	22.2*	22.2*

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
100	30	50	68.8	127.9	26.8*	26.8*	72.1	127.8	24.4*	24.4*	75.0	126.1	20.0*	20.0*
100	30	60	64.0	123.5	25.5*	25.5*	67.2	123.5	23.1*	23.1*	70.1	121.7	18.3*	18.3*
100	30	70	59.0	118.0	24.1*	24.1*	62.2	118.1	21.7*	21.7*	64.9	116.2	17.0*	17.0*
100	30	80	53.7	111.3	22.7*	22.3	56.8	111.4	19.6*	19.6*	59.4	109.4	15.8*	15.8*
100	30	90	48.0	103.2	20.3	18.9	51.1	103.3	17.3*	17.3*	53.5	101.0	14.9*	14.9*
100	30	100	41.7	93.1	17.5	16.3	44.8	93.2	15.7*	15.7*	46.9	90.5	14.1*	14.1*
100	30	110	34.6	80.3	15.2	14.1	37.5	80.3	15.3*	14.3				
100	30	120	25.8	63.1	13.3	12.4								
100	40	30	78.9	144.0	26.4*	26.4*								
100	40	35	76.8	142.8	25.9*	25.9*								
100	40	40	74.7	141.5	25.3*	25.3*	78.8	141.2	23.2*	23.2*				
100	40	50	70.4	138.3	24.2*	24.2*	74.5	138.1	21.3*	21.3*	78.2	135.9	16.9*	16.9*
100	40	60	66.0	134.2	22.8*	22.8*	70.0	134.1	19.3*	19.3*	73.7	131.8	15.4*	15.4*
100	40	70	61.4	129.1	20.8*	20.8*	65.4	129.1	17.3*	17.3*	68.9	126.8	14.0*	14.0*
100	40	80	56.6	123.0	18.7*	18.7*	60.6	123.1	15.6*	15.6*	64.0	120.7	12.5*	12.5*
100	40	90	51.6	115.7	16.5*	16.5*	55.5	115.8	14.0*	14.0*	58.7	113.2	11.5*	11.5*
100	40	100	46.1	106.8	14.8*	14.8*	50.0	107.0	12.3*	12.3*	53.0	104.1	10.9*	10.9*
100	40	110	40.1	96.1	13.0*	13.0*	43.9	96.2	11.4*	11.4*				
100	40	120	33.3	82.6	11.5*	11.5*	36.9	82.6	10.6*	10.6*				
100	40	130	24.8	64.5	10.6*	10.6*								
100	50	30	79.6	154.1	24.0*	24.0*								
100	50	35	77.7	153.1	23.4*	23.4*								
100	50	40	75.7	151.8	22.9*	22.9*								
100	50	50	71.7	148.8	21.9*	21.9*	76.6	148.6	19.3*	19.3*				
100	50	60	67.6	145.0	20.8*	20.8*	72.5	144.9	17.1*	17.1*	76.8	142.3	12.3*	12.3*
100	50	70	63.4	140.3	18.7*	18.7*	68.2	140.4	14.7*	14.7*	72.4	137.8	11.2*	11.2*
100	50	80	59.1	134.7	16.3*	16.3*	63.8	134.9	12.3*	12.3*	67.9	132.2	10.0*	10.0*
100	50	90	54.5	128.1	13.8*	13.8*	59.2	128.4	11.2*	11.2*	63.1	125.5	8.8*	8.8*
100	50	100	49.7	120.2	11.8*	11.8*	54.3	120.5	9.9*	9.9*	58.0	117.4	8.1*	8.1*
100	50	110	44.5	110.8	10.5*	10.5*	49.0	111.2	8.6*	8.6*	52.5	107.6	7.5*	7.5*
100	50	120	38.7	99.4	9.0*	9.0*	43.1	99.7	7.9*	7.9*				
100	50	130	32.1	85.3	8.0*	8.0*	36.4	85.4	7.2*	7.2*				
100	50	140	24.0	66.4	7.2*	7.2*								
100	60	35	78.4	163.4	21.2*	21.2*								
100	60	40	76.6	162.2	20.7*	20.7*								
100	60	50	72.9	159.4	19.8*	19.8*	78.4	159.3	18.0*	18.0*				
100	60	60	69.1	155.9	18.7*	18.7*	74.5	155.9	15.8*	15.8*	79.6	153.2	10.8*	10.8*
100	60	70	65.2	151.6	17.4*	17.4*	70.6	151.8	13.4*	13.4*	75.5	149.0	8.8*	8.8*
100	60	80	61.2	146.5	15.0*	15.0*	66.6	146.8	11.0*	11.0*	71.3	143.9	7.9*	7.9*
100	60	90	57.0	140.5	12.5*	12.5*	62.4	140.9	8.8*	8.8*	67.0	137.9	7.0*	7.0*
100	60	100	52.7	133.4	9.9*	9.9*	57.9	133.9	7.9*	7.9*	62.4	130.6	6.1*	6.1*
100	60	110	48.0	125.0	8.3*	8.3*	53.2	125.6	7.0*	7.0*	57.5	122.0	5.7*	5.7*
100	60	120	43.0	115.1	7.3*	7.3*	48.1	115.7	5.9*	5.9*	52.1	111.7	5.3*	5.3*
100	60	130	37.4	103.2	6.2*	6.2*	42.4	103.7	5.6*	5.6*				
100	60	140	31.1	88.4	5.6*	5.6*	35.9	88.7	5.1*	5.1*				
100	60	150	23.2	68.8	5.1*	5.1*								

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
100	70	35	79.1	173.8	18.7*	18.7*								
100	70	40	77.4	172.8	18.2*	18.2*								
100	70	50	73.9	170.2	17.3*	17.3*	80.0	170.2	15.7*	15.7*				
100	70	60	70.4	167.0	16.4*	16.4*	76.4	167.1	14.6*	14.6*				
100	70	70	66.8	163.0	15.4*	15.4*	72.7	163.3	12.9*	12.9*	78.2	160.5	9.2*	9.2*
100	70	80	63.0	158.4	14.0*	14.0*	69.0	158.8	11.1*	11.1*	74.3	155.9	7.7*	7.7*
100	70	90	59.2	152.8	12.2*	12.2*	65.1	153.4	9.3*	9.3*	70.3	150.4	6.9*	6.9*
100	70	100	55.2	146.4	10.3*	10.3*	61.0	147.1	7.7*	7.7*	66.1	143.9	6.1*	6.1*
100	70	110	51.0	138.9	8.3*	8.3*	56.8	139.7	6.9*	6.9*	61.7	136.2	5.2*	5.2*
100	70	120	46.5	130.1	7.2*	7.2*	52.2	130.9	6.0*	6.0*	56.9	127.1	4.7*	4.7*
100	70	130	41.6	119.7	6.3*	6.3*	47.3	120.6	5.0*	5.0*	51.7	116.3	4.4*	4.4*
100	70	140	36.3	107.4	5.2*	5.2*	41.8	108.1	4.6*	4.6*	45.8	102.9	4.0*	4.0*
100	70	150	30.1	92.1	4.6*	4.6*	35.5	92.6	4.2*	4.2*				
100	70	160	22.5	71.8	4.1*	4.1*								
110	30	30	78.9	144.2	29.7*	29.7*								
110	30	35	76.8	143.1	29.1*	29.1*	79.9	142.8	26.5*	26.5*				
110	30	40	74.7	141.8	28.5*	28.5*	77.8	141.6	25.9*	25.9*				
110	30	50	70.4	138.6	27.3*	27.3*	73.4	138.5	24.8*	24.8*	76.2	136.7	20.4*	20.4*
110	30	60	66.0	134.6	26.0*	26.0*	69.0	134.5	23.6*	23.6*	71.6	132.7	18.8*	18.8*
110	30	70	61.4	129.6	24.8*	24.8*	64.4	129.6	22.4*	22.4*	66.9	127.7	17.4*	17.4*
110	30	80	56.6	123.5	23.4	22.1	59.6	123.6	20.7*	20.7*	62.0	121.6	16.3*	16.3*
110	30	90	51.6	116.3	20.0	18.7	54.5	116.4	18.6*	18.6*	56.8	114.2	15.3*	15.3*
110	30	100	46.1	107.5	17.2	16.0	49.0	107.6	16.4*	16.3	51.1	105.2	14.6*	14.6*
110	30	110	40.1	96.8	15.0	13.9	42.9	96.8	15.2	14.1				
110	30	120	33.3	83.3	13.1	12.1	36.0	83.3	13.3	12.3				
110	30	130	24.8	65.3	11.5	10.6								
110	40	30	79.6	154.2	26.6*	26.6*								
110	40	35	77.7	153.1	26.1*	26.1*								
110	40	40	75.7	151.9	25.6*	25.6*	79.6	151.5	23.4*	23.4*				
110	40	50	71.7	148.9	24.5*	24.5*	75.6	148.6	21.8*	21.8*	79.1	146.3	17.1*	17.1*
110	40	60	67.6	145.1	23.5*	23.5*	71.5	144.9	20.0*	20.0*	74.9	142.6	15.7*	15.7*
110	40	70	63.4	140.4	21.7*	21.7*	67.2	140.4	18.1*	18.1*	70.5	138.0	14.5*	14.5*
110	40	80	59.1	134.9	19.8*	19.8*	62.8	134.9	16.3*	16.3*	66.0	132.4	13.1*	13.1*
110	40	90	54.5	128.3	17.8*	17.8*	58.2	128.3	14.9*	14.9*	61.3	125.7	11.8*	11.8*
110	40	100	49.7	120.4	16.0*	16.0*	53.3	120.5	13.3*	13.3*	56.2	117.7	11.3*	11.3*
110	40	110	44.5	111.0	14.3*	14.1	48.1	111.1	11.9*	11.9*	50.7	108.0	10.6*	10.6*
110	40	120	38.7	99.6	12.5*	12.3	42.2	99.7	11.2*	11.2*				
110	40	130	32.1	85.5	11.4*	10.8	35.5	85.4	10.4*	10.4*				
110	40	140	24.0	66.6	10.4	9.6								
110	50	35	78.4	163.3	23.7*	23.7*								
110	50	40	76.6	162.1	23.2*	23.2*								
110	50	50	72.9	159.3	22.2*	22.2*	77.4	159.0	19.8*	19.8*				
110	50	60	69.1	155.8	21.2*	21.2*	73.6	155.6	17.7*	17.7*	77.7	153.0	12.6*	12.6*
110	50	70	65.2	151.5	19.7*	19.7*	69.7	151.4	15.6*	15.6*	73.7	148.7	11.5*	11.5*
110	50	80	61.2	146.3	17.5*	17.5*	65.7	146.4	13.3*	13.3*	69.5	143.6	10.4*	10.4*
110	50	90	57.0	140.2	15.2*	15.2*	61.4	140.4	11.7*	11.7*	65.2	137.5	9.3*	9.3*
110	50	100	52.7	133.1	12.8*	12.8*	57.0	133.3	10.6*	10.6*	60.6	130.3	8.4*	8.4*



Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
110	50	110	48.0	124.7	11.4*	11.4*	52.3	125.0	9.4*	9.4*	55.7	121.6	7.9*	7.9*
110	50	120	43.0	114.8	10.1*	10.1*	47.2	115.1	8.4*	8.4*	50.4	111.3	7.3*	7.3*
110	50	130	37.4	102.9	8.7*	8.7*	41.6	103.1	7.8*	7.8*				
110	50	140	31.1	88.1	7.9*	7.9*	35.0	88.1	7.1*	7.1*				
110	50	150	23.2	68.5	7.1*	7.1*								
110	60	35	79.1	173.6	21.4*	21.4*								
110	60	40	77.4	172.5	21.0*	21.0*								
110	60	50	73.9	169.9	20.0*	20.0*	79.1	169.7	18.2*	18.2*				
110	60	60	70.4	166.6	19.1*	19.1*	75.5	166.5	16.4*	16.4*				
110	60	70	66.8	162.6	18.1*	18.1*	71.9	162.7	14.2*	14.2*	76.5	159.8	8.9*	8.9*
110	60	80	63.0	157.9	16.1*	16.1*	68.1	158.1	11.9*	11.9*	72.6	155.1	8.2*	8.2*
110	60	90	59.2	152.3	13.8*	13.8*	64.2	152.6	9.6*	9.6*	68.6	149.5	7.4*	7.4*
110	60	100	55.2	145.8	11.4*	11.4*	60.2	146.2	8.3*	8.3*	64.4	142.9	6.5*	6.5*
110	60	110	51.0	138.2	8.9*	8.9*	55.9	138.7	7.5*	7.5*	60.0	135.2	5.8*	5.8*
110	60	120	46.5	129.3	8.0*	8.0*	51.3	129.9	6.6*	6.6*	55.2	126.0	5.5*	5.5*
110	60	130	41.6	118.9	7.1*	7.1*	46.4	119.4	5.8*	5.8*	50.0	115.1	5.2*	5.2*
110	60	140	36.3	106.5	6.0*	6.0*	40.9	106.9	5.5*	5.5*				
110	60	150	30.1	91.2	5.5*	5.5*	34.6	91.3	5.0*	5.0*				
110	60	160	22.5	70.9	5.0*	5.0*								
110	70	35	79.7	184.0	18.9*	18.9*								
110	70	40	78.1	183.0	18.4*	18.4*								
110	70	50	74.8	180.6	17.5*	17.5*								
110	70	60	71.5	177.6	16.7*	16.7*	77.2	177.6	15.0*	15.0*				
110	70	70	68.1	173.9	15.8*	15.8*	73.8	174.1	13.4*	13.4*	79.0	171.1	9.5*	9.5*
110	70	80	64.7	169.5	14.7*	14.7*	70.3	169.8	11.7*	11.7*	75.3	166.8	7.9*	7.9*
110	70	90	61.1	164.4	13.1*	13.1*	66.6	164.8	10.0*	10.0*	71.6	161.7	7.2*	7.2*
110	70	100	57.4	158.4	11.3*	11.3*	62.9	159.0	8.3*	8.3*	67.7	155.7	6.4*	6.4*
110	70	110	53.5	151.5	9.5*	9.5*	59.0	152.2	7.3*	7.3*	63.7	148.8	5.6*	5.6*
110	70	120	49.4	143.5	7.8*	7.8*	54.9	144.3	6.5*	6.5*	59.4	140.6	4.9*	4.9*
110	70	130	45.1	134.3	6.9*	6.9*	50.5	135.1	5.6*	5.6*	54.8	130.9	4.6*	4.6*
110	70	140	40.4	123.5	6.0*	6.0*	45.7	124.3	4.9*	4.9*	49.7	119.5	4.2*	4.2*
110	70	150	35.2	110.6	5.0*	5.0*	40.4	111.2	4.5*	4.5*				
110	70	160	29.3	94.7	4.6*	4.6*	34.2	95.1	4.1*	4.1*				
110	70	170	21.9	73.8	4.1*	4.1*								
120	30	30	79.6	154.3	29.9*	29.9*								
120	30	35	77.7	153.3	29.4*	29.4*								
120	30	40	75.7	152.1	28.8*	28.8*	78.6	151.9	26.2*	26.2*				
120	30	50	71.7	149.2	27.6*	27.6*	74.6	149.0	25.1*	25.1*	77.2	147.2	20.8*	20.8*
120	30	60	67.6	145.4	26.5*	26.5*	70.5	145.3	24.0*	24.0*	73.0	143.5	19.2*	19.2*
120	30	70	63.4	140.9	25.3*	25.3*	66.3	140.8	22.9*	22.9*	68.7	138.9	17.8*	17.8*
120	30	80	59.1	135.4	23.2	21.8	61.9	135.4	21.6*	21.6*	64.2	133.4	16.7*	16.7*
120	30	90	54.5	128.8	19.8	18.4	57.3	128.9	19.7*	18.8	59.5	126.7	15.8*	15.8*
120	30	100	49.7	121.0	17.0	15.8	52.4	121.1	17.3	16.1	54.5	118.8	15.0*	15.0*
120	30	110	44.5	111.7	14.7	13.6	47.1	111.7	15.0	13.9	49.0	109.1	14.3*	14.1
120	30	120	38.7	100.4	12.9	11.9	41.3	100.4	13.1	12.1				
120	30	130	32.1	86.3	11.3	10.4	34.6	86.1	11.5	10.6				
120	30	140	24.0	67.5	10.0	9.1								

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
120	40	35	78.4	163.3	26.3*	26.3*								
120	40	40	76.6	162.2	25.8*	25.8*								
120	40	50	72.9	159.4	24.9*	24.9*	76.5	159.1	22.2*	22.2*	79.8	156.7	17.3*	17.3*
120	40	60	69.1	155.9	23.8*	23.8*	72.7	155.7	20.5*	20.5*	75.9	153.3	16.0*	16.0*
120	40	70	65.2	151.6	22.5*	22.5*	68.8	151.5	18.8*	18.8*	71.9	149.1	14.9*	14.9*
120	40	80	61.2	146.4	20.7*	20.7*	64.7	146.4	17.0*	17.0*	67.8	143.9	13.7*	13.7*
120	40	90	57.0	140.4	18.9*	18.6	60.5	140.4	15.6*	15.6*	63.4	137.8	12.3*	12.3*
120	40	100	52.7	133.3	17.0*	15.9	56.1	133.4	14.2*	14.2*	58.9	130.6	11.6*	11.6*
120	40	110	48.0	124.9	14.9	13.8	51.4	125.0	12.7*	12.7*	54.0	122.0	11.0*	11.0*
120	40	120	43.0	115.0	13.0	12.0	46.3	115.1	11.7*	11.7*	48.7	111.7	10.4*	10.4*
120	40	130	37.4	103.1	11.5	10.6	40.7	103.1	11.0*	10.8				
120	40	140	31.1	88.3	10.2	9.3	34.2	88.1	10.3*	9.5				
120	40	150	23.2	68.7	9.0	8.2								
120	50	35	79.1	173.5	23.8*	23.8*								
120	50	40	77.4	172.4	23.4*	23.4*								
120	50	50	73.9	169.8	22.4*	22.4*	78.2	169.4	20.2*	20.2*				
120	50	60	70.4	166.5	21.5*	21.5*	74.6	166.2	18.3*	18.3*	78.5	163.5	13.1*	13.1*
120	50	70	66.8	162.5	20.5*	20.5*	71.0	162.3	16.3*	16.3*	74.8	159.6	11.7*	11.7*
120	50	80	63.0	157.7	18.5*	18.5*	67.2	157.7	14.2*	14.2*	70.9	154.8	10.8*	10.8*
120	50	90	59.2	152.1	16.4*	16.4*	63.4	152.2	12.2*	12.2*	66.9	149.2	9.8*	9.8*
120	50	100	55.2	145.5	14.2*	14.2*	59.3	145.7	11.2*	11.2*	62.7	142.6	8.7*	8.7*
120	50	110	51.0	137.9	12.1*	12.1*	55.0	138.2	10.1*	10.1*	58.3	134.9	8.1*	8.1*
120	50	120	46.5	129.1	11.0*	11.0*	50.5	129.3	9.0*	9.0*	53.6	125.7	7.6*	7.6*
120	50	130	41.6	118.6	9.8*	9.8*	45.6	118.9	8.2*	8.2*	48.4	114.8	7.1*	7.1*
120	50	140	36.3	106.2	8.5*	8.5*	40.1	106.3	7.6*	7.6*				
120	50	150	30.1	90.8	7.8*	7.8*								
120	50	160	22.5	70.5	7.0*	7.0*								
120	60	35	79.7	183.8	21.6*	21.6*								
120	60	40	78.1	182.8	21.1*	21.1*								
120	60	50	74.8	180.3	20.3*	20.3*	79.7	180.0	18.4*	18.4*				
120	60	60	71.5	177.2	19.4*	19.4*	76.4	177.0	16.9*	16.9*				
120	60	70	68.1	173.5	18.5*	18.5*	72.9	173.4	14.8*	14.8*	77.3	170.5	9.4*	9.4*
120	60	80	64.7	169.0	17.1*	17.1*	69.4	169.1	12.7*	12.7*	73.7	166.1	8.4*	8.4*
120	60	90	61.1	163.8	14.9*	14.9*	65.8	164.1	10.5*	10.5*	70.0	160.9	7.6*	7.6*
120	60	100	57.4	157.8	12.7*	12.7*	62.1	158.1	8.7*	8.7*	66.1	154.9	6.9*	6.9*
120	60	110	53.5	150.9	10.4*	10.4*	58.2	151.3	8.0*	8.0*	62.1	147.8	6.1*	6.1*
120	60	120	49.4	142.8	8.6*	8.6*	54.0	143.3	7.1*	7.1*	57.8	139.6	5.7*	5.7*
120	60	130	45.1	133.5	7.7*	7.7*	49.7	134.0	6.2*	6.2*	53.2	129.9	5.4*	5.4*
120	60	140	40.4	122.7	6.8*	6.8*	44.9	123.1	5.7*	5.7*	48.2	118.4	5.1*	5.1*
120	60	150	35.2	109.7	5.9*	5.9*	39.6	110.0	5.4*	5.4*				
120	60	160	29.3	93.8	5.5*	5.5*	33.4	93.8	5.0*	5.0*				
120	60	170	21.9	72.8	5.0*	5.0*								
120	70	40	78.8	193.2	18.6*	18.6*								
120	70	50	75.7	190.9	17.8*	17.8*								
120	70	60	72.5	188.1	16.9*	16.9*	77.9	188.0	15.1*	15.1*				
120	70	70	69.3	184.6	16.1*	16.1*	74.7	184.7	13.8*	13.8*	79.6	181.6	9.6*	9.6*
120	70	80	66.1	180.5	15.2*	15.2*	71.4	180.8	12.3*	12.3*	76.2	177.6	8.3*	8.3*

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
120	70	90	62.7	175.7	13.8*	13.8*	68.0	176.1	10.7*	10.7*	72.7	172.9	7.4*	7.4*
120	70	100	59.3	170.2	12.2*	12.2*	64.5	170.7	9.1*	9.1*	69.1	167.3	6.7*	6.7*
120	70	110	55.7	163.8	10.6*	10.6*	60.9	164.4	7.7*	7.7*	65.4	160.9	5.9*	5.9*
120	70	120	52.0	156.5	8.8*	8.8*	57.1	157.1	6.9*	6.9*	61.5	153.4	5.1*	5.1*
120	70	130	48.0	148.1	7.5*	7.5*	53.1	148.8	6.1*	6.1*	57.3	144.8	4.7*	4.7*
120	70	140	43.8	138.4	6.7*	6.7*	48.9	139.1	5.3*	5.3*	52.8	134.6	4.4*	4.4*
120	70	150	39.3	127.1	5.8*	5.8*	44.2	127.8	4.8*	4.8*	47.9	122.6	4.1*	4.1*
120	70	160	34.3	113.7	4.9*	4.9*	39.1	114.2	4.4*	4.4*				
120	70	170	28.5	97.3	4.5*	4.5*	33.1	97.5	4.0*	4.0*				
120	70	180	21.3	75.7	4.0*	4.0*								
130	30	35	78.4	163.5	29.6*	29.6*								
130	30	40	76.6	162.4	29.1*	29.1*	79.3	162.1	26.4*	26.4*				
130	30	50	72.9	159.7	28.0*	28.0*	75.6	159.5	25.4*	25.4*	78.0	157.6	21.1*	21.1*
130	30	60	69.1	156.2	26.9*	26.9*	71.8	156.1	24.3*	24.3*	74.1	154.2	19.5*	19.5*
130	30	70	65.2	152.0	25.8*	25.8*	67.9	151.9	23.3*	23.3*	70.2	150.0	18.2*	18.2*
130	30	80	61.2	146.9	22.9	21.6	63.8	146.9	22.2*	22.0	66.0	144.9	17.1*	17.1*
130	30	90	57.0	140.9	19.5	18.2	59.6	140.9	19.9	18.6	61.7	138.9	16.2*	16.2*
130	30	100	52.7	133.8	16.7	15.5	55.2	133.9	17.1	15.9	57.2	131.7	15.4*	15.4*
130	30	110	48.0	125.5	14.5	13.4	50.5	125.6	14.7	13.7	52.4	123.2	14.7*	13.9
130	30	120	43.0	115.7	12.6	11.6	45.5	115.7	12.8	11.9	47.2	113.0	13.0	12.0
130	30	130	37.4	103.8	11.0	10.1	39.8	103.8	11.2	10.3				
130	30	140	31.1	89.1	9.7	8.9	33.4	88.9	9.9	9.0				
130	30	150	23.2	69.6	8.6	7.8								
130	40	35	79.1	173.6	26.5*	26.5*								
130	40	40	77.4	172.5	26.1*	26.1*								
130	40	50	73.9	169.9	25.1*	25.1*	77.3	169.5	22.6*	22.6*				
130	40	60	70.4	166.6	24.2*	24.2*	73.8	166.3	21.0*	21.0*	76.8	163.9	16.2*	16.2*
130	40	70	66.8	162.6	23.2*	23.2*	70.1	162.4	19.4*	19.4*	73.1	159.9	15.1*	15.1*
130	40	80	63.0	157.8	21.6*	21.6*	66.4	157.7	17.7*	17.7*	69.2	155.2	14.1*	14.1*
130	40	90	59.2	152.2	19.7	18.3	62.5	152.2	16.2*	16.2*	65.3	149.6	12.9*	12.9*
130	40	100	55.2	145.7	16.9	15.7	58.5	145.7	14.9*	14.9*	61.1	143.0	11.8*	11.8*
130	40	110	51.0	138.1	14.6	13.5	54.2	138.2	13.6*	13.6*	56.7	135.2	11.3*	11.3*
130	40	120	46.5	129.2	12.8	11.8	49.7	129.3	12.2*	12.1	52.0	126.1	10.8*	10.8*
130	40	130	41.6	118.8	11.2	10.3	44.8	118.9	11.5*	10.6				
130	40	140	36.3	106.4	9.9	9.1	39.3	106.4	10.1	9.3				
130	40	150	30.1	91.0	8.7	8.0								
130	40	160	22.5	70.7	7.8	7.0								
130	50	35	79.7	183.7	24.0*	24.0*								
130	50	40	78.1	182.7	23.6*	23.6*								
130	50	50	74.8	180.2	22.7*	22.7*	78.9	179.8	20.6*	20.6*				
130	50	60	71.5	177.1	21.8*	21.8*	75.5	176.8	18.7*	18.7*	79.2	174.0	13.5*	13.5*
130	50	70	68.1	173.3	20.9*	20.9*	72.1	173.1	16.9*	16.9*	75.7	170.3	12.0*	12.0*
130	50	80	64.7	168.9	19.4*	19.4*	68.6	168.8	15.0*	15.0*	72.1	165.9	11.1*	11.1*
130	50	90	61.1	163.6	17.4*	17.4*	65.0	163.7	13.0*	13.0*	68.4	160.7	10.1*	10.1*
130	50	100	57.4	157.6	15.4*	15.4*	61.3	157.7	11.7*	11.7*	64.5	154.6	9.2*	9.2*
130	50	110	53.5	150.6	13.3*	13.3*	57.4	150.8	10.7*	10.7*	60.5	147.5	8.4*	8.4*
130	50	120	49.4	142.6	11.7*	11.7*	53.3	142.8	9.7*	9.7*	56.3	139.3	7.9*	7.9*

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
130	50	130	45.1	133.3	10.7*	10.4	48.9	133.5	8.6*	8.6*	51.7	129.6	7.4*	7.4*
130	50	140	40.4	122.4	9.5*	9.2	44.1	122.5	8.0*	8.0*				
130	50	150	35.2	109.4	8.4*	8.1	38.8	109.5	7.5*	7.5*				
130	50	160	29.3	93.4	7.7*	7.2								
130	50	170	21.9	72.4	7.0*	6.3								
130	60	40	78.8	193.0	21.3*	21.3*								
130	60	50	75.7	190.7	20.5*	20.5*								
130	60	60	72.5	187.7	19.7*	19.7*	77.1	187.5	17.3*	17.3*				
130	60	70	69.3	184.2	18.8*	18.8*	73.9	184.1	15.4*	15.4*	78.0	181.0	9.9*	9.9*
130	60	80	66.1	180.1	17.4*	17.4*	70.6	180.1	13.4*	13.4*	74.7	177.0	8.6*	8.6*
130	60	90	62.7	175.2	15.9*	15.9*	67.2	175.3	11.4*	11.4*	71.2	172.2	7.9*	7.9*
130	60	100	59.3	169.6	13.8*	13.8*	63.8	169.8	9.3*	9.3*	67.6	166.5	7.2*	7.2*
130	60	110	55.7	163.2	11.7*	11.7*	60.1	163.5	8.3*	8.3*	63.9	160.0	6.4*	6.4*
130	60	120	52.0	155.8	9.5*	9.5*	56.4	156.2	7.6*	7.6*	60.0	152.5	5.8*	5.8*
130	60	130	48.0	147.4	8.3*	8.3*	52.4	147.8	6.8*	6.8*	55.8	143.8	5.6*	5.6*
130	60	140	43.8	137.6	7.5*	7.5*	48.1	138.0	5.9*	5.9*	51.4	133.7	5.3*	5.3*
130	60	150	39.3	126.3	6.6*	6.6*	43.5	126.6	5.6*	5.6*				
130	60	160	34.3	112.8	5.8*	5.8*	38.3	113.1	5.3*	5.3*				
130	60	170	28.5	96.4	5.4*	5.4*								
130	60	180	21.3	74.7	5.0*	5.0*								
130	70	40	79.3	203.4	18.7*	18.7*								
130	70	50	76.4	201.2	18.0*	18.0*								
130	70	60	73.4	198.5	17.2*	17.2*	78.5	198.4	15.3*	15.3*				
130	70	70	70.4	195.3	16.4*	16.4*	75.5	195.3	14.2*	14.2*				
130	70	80	67.3	191.4	15.5*	15.5*	72.4	191.6	12.7*	12.7*	77.0	188.3	8.7*	8.7*
130	70	90	64.2	186.9	14.1*	14.1*	69.2	187.2	11.3*	11.3*	73.7	183.9	7.6*	7.6*
130	70	100	61.0	181.7	12.9*	12.9*	66.0	182.1	9.7*	9.7*	70.4	178.7	6.9*	6.9*
130	70	110	57.6	175.7	11.5*	11.5*	62.6	176.3	8.2*	8.2*	66.9	172.7	6.2*	6.2*
130	70	120	54.2	169.0	9.8*	9.8*	59.1	169.6	7.3*	7.3*	63.3	165.8	5.5*	5.5*
130	70	130	50.6	161.3	8.2*	8.2*	55.4	161.9	6.6*	6.6*	59.4	157.9	4.9*	4.9*
130	70	140	46.7	152.4	7.3*	7.3*	51.6	153.1	5.8*	5.8*	55.4	148.8	4.6*	4.6*
130	70	150	42.7	142.3	6.5*	6.5*	47.4	143.0	5.0*	5.0*	51.1	138.2	4.3*	4.3*
130	70	160	38.3	130.6	5.6*	5.6*	42.9	131.2	4.7*	4.7*	46.3	125.7	4.0*	4.0*
130	70	170	33.4	116.7	4.8*	4.8*	37.9	117.2	4.3*	4.3*				
130	70	180	27.7	99.8	4.5*	4.5*								
130	70	190	20.7	77.5	4.0*	4.0*								
140	30	35	79.1	173.7	29.8*	29.8*								
140	30	40	77.4	172.7	29.3*	29.3*	80.0	172.4	26.6*	26.6*				
140	30	50	73.9	170.1	28.3*	28.3*	76.5	169.9	25.6*	25.6*	78.8	168.0	21.4*	21.4*
140	30	60	70.4	166.9	27.3*	27.3*	72.9	166.7	24.6*	24.6*	75.1	164.8	19.9*	19.9*
140	30	70	66.8	162.9	26.2*	25.6	69.3	162.8	23.7*	23.7*	71.4	160.9	18.6*	18.6*
140	30	80	63.0	158.2	22.7	21.3	65.5	158.2	22.7*	21.8	67.6	156.2	17.5*	17.5*
140	30	90	59.2	152.7	19.2	17.9	61.7	152.7	19.7	18.4	63.7	150.6	16.5*	16.5*
140	30	100	55.2	146.2	16.4	15.3	57.6	146.2	16.8	15.6	59.5	144.1	15.7*	15.7*
140	30	110	51.0	138.7	14.2	13.1	53.4	138.7	14.5	13.4	55.2	136.4	14.8	13.7
140	30	120	46.5	129.9	12.3	11.4	48.8	129.9	12.6	11.6	50.5	127.4	12.8	11.8
140	30	130	41.6	119.5	10.8	9.9	43.9	119.5	11.0	10.1				

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
140	30	140	36.3	107.1	9.5	8.6								
140	30	150	30.1	91.8	8.3	7.5								
140	30	160	22.5	71.6	7.3	6.6								
140	40	35	79.7	183.7	26.7*	26.7*								
140	40	40	78.1	182.7	26.2*	26.2*								
140	40	50	74.8	180.3	25.4*	25.4*	78.1	179.9	22.9*	22.9*				
140	40	60	71.5	177.2	24.5*	24.5*	74.7	176.8	21.4*	21.4*	77.6	174.4	16.5*	16.5*
140	40	70	68.1	173.4	23.6*	23.6*	71.3	173.2	19.9*	19.9*	74.1	170.7	15.4*	15.4*
140	40	80	64.7	169.0	22.3*	21.5	67.8	168.8	18.4*	18.4*	70.5	166.3	14.5*	14.5*
140	40	90	61.1	163.8	19.4	18.1	64.2	163.7	16.8*	16.8*	66.8	161.1	13.4*	13.4*
140	40	100	57.4	157.7	16.6	15.4	60.5	157.7	15.6*	15.6*	63.0	155.0	12.2*	12.2*
140	40	110	53.5	150.8	14.4	13.3	56.6	150.8	14.3*	13.7	59.0	148.0	11.6*	11.6*
140	40	120	49.4	142.7	12.5	11.5	52.5	142.8	12.9	11.9	54.8	139.7	11.1*	11.1*
140	40	130	45.1	133.4	10.9	10.0	48.1	133.5	11.3	10.3	50.3	130.1	10.6*	10.6*
140	40	140	40.4	122.6	9.6	8.8	43.3	122.6	9.9	9.0				
140	40	150	35.2	109.6	8.5	7.7	38.1	109.5	8.7	7.9				
140	40	160	29.3	93.7	7.5	6.8								
140	50	40	78.8	192.9	23.7*	23.7*								
140	50	50	75.7	190.5	22.9*	22.9*	79.5	190.1	20.7*	20.7*				
140	50	60	72.5	187.6	22.1*	22.1*	76.3	187.3	19.2*	19.2*	79.8	184.4	13.8*	13.8*
140	50	70	69.3	184.1	21.2*	21.2*	73.1	183.8	17.4*	17.4*	76.5	181.0	12.2*	12.2*
140	50	80	66.1	179.9	20.0*	20.0*	69.8	179.7	15.6*	15.6*	73.2	176.8	11.3*	11.3*
140	50	90	62.7	175.0	18.3*	18.2	66.5	175.0	13.8*	13.8*	69.7	172.0	10.5*	10.5*
140	50	100	59.3	169.4	16.4*	15.5	63.0	169.4	12.1*	12.1*	66.1	166.3	9.6*	9.6*
140	50	110	55.7	162.9	14.5*	13.4	59.4	163.0	11.2*	11.2*	62.4	159.8	8.6*	8.6*
140	50	120	52.0	155.6	12.4*	11.6	55.6	155.7	10.3*	10.3*	58.5	152.3	8.2*	8.2*
140	50	130	48.0	147.1	11.1	10.2	51.6	147.3	9.3*	9.3*	54.4	143.6	7.7*	7.7*
140	50	140	43.8	137.3	9.7	8.9	47.4	137.5	8.4*	8.4*	50.0	133.4	7.2*	7.2*
140	50	150	39.3	126.0	8.6	7.8	42.8	126.1	7.9*	7.9*				
140	50	160	34.3	112.5	7.6	6.9	37.6	112.5	7.4*	7.1				
140	50	170	28.5	96.0	6.7	6.1								
140	60	40	79.3	203.2	21.5*	21.5*								
140	60	50	76.4	201.0	20.7*	20.7*								
140	60	60	73.4	198.2	19.9*	19.9*	77.8	197.9	17.7*	17.7*				
140	60	70	70.4	194.9	19.1*	19.1*	74.8	194.7	15.9*	15.9*	78.7	191.6	10.3*	10.3*
140	60	80	67.3	191.0	17.7*	17.7*	71.7	190.9	14.0*	14.0*	75.5	187.7	8.8*	8.8*
140	60	90	64.2	186.4	16.1*	16.1*	68.5	186.5	12.1*	12.1*	72.3	183.2	8.1*	8.1*
140	60	100	61.0	181.2	14.8*	14.8*	65.2	181.3	10.2*	10.2*	68.9	178.0	7.4*	7.4*
140	60	110	57.6	175.2	12.9*	12.9*	61.9	175.4	8.7*	8.7*	65.4	171.9	6.7*	6.7*
140	60	120	54.2	168.3	10.8*	10.8*	58.4	168.7	8.0*	8.0*	61.8	165.0	6.0*	6.0*
140	60	130	50.6	160.6	8.8*	8.8*	54.7	160.9	7.3*	7.3*	58.0	157.1	5.7*	5.7*
140	60	140	46.7	151.7	8.1*	8.1*	50.8	152.1	6.5*	6.5*	54.0	147.9	5.5*	5.5*
140	60	150	42.7	141.6	7.3*	7.3*	46.7	141.9	5.9*	5.9*	49.7	137.3	5.2*	5.2*
140	60	160	38.3	129.8	6.4*	6.4*	42.2	130.1	5.6*	5.6*				
140	60	170	33.4	115.9	5.8*	5.8*	37.2	116.0	5.2*	5.2*				
140	60	180	27.7	98.9	5.4*	5.4*								

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
140	70	40	79.8	213.6	18.9*	18.9*								
140	70	50	77.1	211.5	18.1*	18.1*								
140	70	60	74.2	208.9	17.4*	17.4*	79.1	208.8	15.5*	15.5*				
140	70	70	71.4	205.8	16.6*	16.6*	76.2	205.8	14.5*	14.5*				
140	70	80	68.5	202.2	15.8*	15.8*	73.3	202.3	13.1*	13.1*	77.7	199.0	9.0*	9.0*
140	70	90	65.5	197.9	14.3*	14.3*	70.3	198.1	11.8*	11.8*	74.6	194.8	7.8*	7.8*
140	70	100	62.5	193.0	13.1*	13.1*	67.2	193.4	10.3*	10.3*	71.4	189.9	7.1*	7.1*
140	70	110	59.4	187.5	12.0*	12.0*	64.1	187.9	8.9*	8.9*	68.2	184.3	6.5*	6.5*
140	70	120	56.1	181.2	10.8*	10.8*	60.8	181.7	7.7*	7.7*	64.8	177.9	5.8*	5.8*
140	70	130	52.8	174.0	9.2*	9.2*	57.4	174.6	7.0*	7.0*	61.3	170.6	5.1*	5.1*
140	70	140	49.3	165.9	7.8*	7.8*	53.9	166.5	6.3*	6.3*	57.6	162.3	4.8*	4.8*
140	70	150	45.6	156.7	7.0*	7.0*	50.1	157.4	5.5*	5.5*	53.7	152.7	4.5*	4.5*
140	70	160	41.6	146.2	6.2*	6.2*	46.1	146.8	4.9*	4.9*	49.4	141.7	4.2*	4.2*
140	70	170	37.3	134.0	5.4*	5.4*	41.7	134.6	4.6*	4.6*				
140	70	180	32.5	119.7	4.8*	4.8*	36.8	120.0	4.3*	4.3*				
140	70	190	27.0	102.2	4.4*	4.4*								
140	70	200	20.2	79.4	4.0*	4.0*								
150	30	35	79.7	183.9	29.9*	29.9*								
150	30	40	78.1	182.9	29.5*	29.5*								
150	30	50	74.8	180.5	28.5*	28.5*	77.3	180.2	25.8*	25.8*	79.4	178.4	21.7*	21.7*
150	30	60	71.5	177.5	27.6*	27.6*	73.9	177.3	24.9*	24.9*	76.0	175.4	20.2*	20.2*
150	30	70	68.1	173.8	26.6*	25.3	70.5	173.6	24.0*	24.0*	72.6	171.7	18.9*	18.9*
150	30	80	64.7	169.4	22.4	21.0	67.0	169.3	22.9	21.6	69.0	167.3	17.8*	17.8*
150	30	90	61.1	164.2	19.0	17.6	63.4	164.2	19.5	18.1	65.3	162.2	16.9*	16.9*
150	30	100	57.4	158.2	16.2	15.0	59.7	158.3	16.6	15.4	61.5	156.1	16.1*	15.7
150	30	110	53.5	151.3	13.9	12.8	55.8	151.4	14.3	13.2	57.6	149.1	14.6	13.5
150	30	120	49.4	143.4	12.1	11.1	51.7	143.4	12.4	11.4	53.4	141.0	12.6	11.6
150	30	130	45.1	134.1	10.5	9.6	47.3	134.1	10.8	9.9	48.9	131.5	10.9	10.0
150	30	140	40.4	123.3	9.2	8.4	42.6	123.3	9.4	8.6				
150	30	150	35.2	110.3	8.1	7.3	37.3	110.2	8.2	7.4				
150	30	160	29.3	94.5	7.1	6.3								
150	30	170	21.9	73.5	6.2	5.5								
150	40	40	78.8	193.0	26.4*	26.4*								
150	40	50	75.7	190.6	25.6*	25.6*	78.7	190.2	23.2*	23.2*				
150	40	60	72.5	187.7	24.8*	24.8*	75.6	187.3	21.8*	21.8*	78.3	184.9	16.7*	16.7*
150	40	70	69.3	184.2	23.9*	23.9*	72.4	183.9	20.4*	20.4*	75.0	181.4	15.6*	15.6*
150	40	80	66.1	180.0	22.5	21.2	69.1	179.8	18.9*	18.9*	71.7	177.3	14.7*	14.7*
150	40	90	62.7	175.1	19.1	17.8	65.7	175.0	17.4*	17.4*	68.2	172.4	13.8*	13.8*
150	40	100	59.3	169.5	16.3	15.1	62.2	169.5	16.1*	15.7	64.7	166.8	12.7*	12.7*
150	40	110	55.7	163.1	14.1	13.0	58.6	163.1	14.5	13.5	61.0	160.3	11.8*	11.8*
150	40	120	52.0	155.7	12.2	11.2	54.9	155.7	12.6	11.6	57.1	152.8	11.4*	11.4*
150	40	130	48.0	147.3	10.7	9.8	50.9	147.3	11.0	10.1	53.0	144.1	10.9*	10.4
150	40	140	43.8	137.5	9.3	8.5	46.6	137.5	9.6	8.8	48.6	134.0	9.9	9.0
150	40	150	39.3	126.2	8.2	7.4	42.0	126.2	8.5	7.7				
150	40	160	34.3	112.7	7.2	6.5	36.9	112.6	7.4	6.7				
150	40	170	28.5	96.2	6.3	5.7								

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
150	50	40	79.3	203.1	23.9*	23.9*								
150	50	50	76.4	200.9	23.1*	23.1*								
150	50	60	73.4	198.1	22.3*	22.3*	77.1	197.7	19.6*	19.6*				
150	50	70	70.4	194.8	21.5*	21.5*	74.0	194.5	17.9*	17.9*	77.2	191.5	12.4*	12.4*
150	50	80	67.3	190.8	20.2*	20.2*	70.9	190.6	16.2*	16.2*	74.1	187.6	11.6*	11.6*
150	50	90	64.2	186.2	18.7*	17.9	67.8	186.1	14.5*	14.5*	70.8	183.1	10.7*	10.7*
150	50	100	61.0	181.0	16.5	15.3	64.5	180.9	12.7*	12.7*	67.5	177.8	9.9*	9.9*
150	50	110	57.6	175.0	14.2	13.1	61.1	175.0	11.7*	11.7*	64.1	171.8	9.0*	9.0*
150	50	120	54.2	168.1	12.3	11.4	57.6	168.2	10.8*	10.8*	60.5	164.8	8.4*	8.4*
150	50	130	50.6	160.3	10.8	9.9	54.0	160.5	9.9*	9.9*	56.7	156.9	8.0*	8.0*
150	50	140	46.7	151.4	9.5	8.6	50.1	151.6	8.9*	8.9*	52.7	147.7	7.5*	7.5*
150	50	150	42.7	141.3	8.3	7.6	46.0	141.4	8.2*	7.9	48.4	137.1	7.1*	7.1*
150	50	160	38.3	129.5	7.3	6.6	41.5	129.5	7.6	6.9				
150	50	170	33.4	115.5	6.5	5.8	36.5	115.4	6.7	6.0				
150	50	180	27.7	98.5	5.7	5.1								
150	60	40	79.8	213.4	21.6*	21.6*								
150	60	50	77.1	211.3	20.9*	20.9*								
150	60	60	74.2	208.6	20.1*	20.1*	78.4	208.3	18.0*	18.0*				
150	60	70	71.4	205.5	19.3*	19.3*	75.5	205.3	16.4*	16.4*	79.3	202.0	10.6*	10.6*
150	60	80	68.5	201.8	17.8*	17.8*	72.6	201.7	14.6*	14.6*	76.3	198.4	8.9*	8.9*
150	60	90	65.5	197.5	16.3*	16.3*	69.6	197.5	12.8*	12.8*	73.2	194.2	8.3*	8.3*
150	60	100	62.5	192.6	15.0*	15.0*	66.5	192.6	11.0*	11.0*	70.1	189.3	7.7*	7.7*
150	60	110	59.4	186.9	13.8*	13.2	63.4	187.1	9.1*	9.1*	66.8	183.6	7.0*	7.0*
150	60	120	56.1	180.6	11.9*	11.5	60.1	180.8	8.3*	8.3*	63.5	177.2	6.3*	6.3*
150	60	130	52.8	173.4	9.9*	9.9*	56.7	173.7	7.7*	7.7*	60.0	169.8	5.8*	5.8*
150	60	140	49.3	165.2	8.6*	8.6*	53.2	165.5	7.0*	7.0*	56.3	161.5	5.6*	5.6*
150	60	150	45.6	156.0	7.8*	7.7	49.4	156.3	6.2*	6.2*	52.4	151.9	5.3*	5.3*
150	60	160	41.6	145.4	7.0*	6.7	45.4	145.7	5.8*	5.8*	48.2	140.8	5.1*	5.1*
150	60	170	37.3	133.2	6.2*	5.9	41.0	133.4	5.5*	5.5*				
150	60	180	32.5	118.8	5.7*	5.2	36.2	118.8	5.2*	5.2*				
150	60	190	27.0	101.3	5.1	4.5								
150	70	50	77.7	221.8	18.3*	18.3*								
150	70	60	75.0	219.3	17.6*	17.6*	79.6	219.1	15.6*	15.6*				
150	70	70	72.3	216.4	16.9*	16.9*	76.9	216.3	14.8*	14.8*				
150	70	80	69.5	212.9	16.0*	16.0*	74.1	212.9	13.5*	13.5*	78.3	209.5	9.2*	9.2*
150	70	90	66.7	208.9	14.5*	14.5*	71.3	209.0	12.2*	12.2*	75.4	205.6	7.9*	7.9*
150	70	100	63.8	204.3	13.3*	13.3*	68.4	204.5	10.9*	10.9*	72.4	201.0	7.3*	7.3*
150	70	110	60.9	199.0	12.1*	12.1*	65.4	199.4	9.5*	9.5*	69.3	195.7	6.7*	6.7*
150	70	120	57.9	193.1	11.2*	11.2*	62.3	193.5	8.0*	8.0*	66.2	189.8	6.1*	6.1*
150	70	130	54.7	186.4	10.1*	10.1*	59.2	186.9	7.4*	7.4*	62.9	183.0	5.4*	5.4*
150	70	140	51.5	178.9	8.6*	8.6*	55.9	179.5	6.7*	6.7*	59.5	175.3	4.9*	4.9*
150	70	150	48.1	170.4	7.5*	7.5*	52.4	171.0	6.0*	6.0*	55.9	166.6	4.6*	4.6*
150	70	160	44.5	160.8	6.8*	6.8*	48.8	161.4	5.3*	5.3*	52.1	156.6	4.4*	4.4*
150	70	170	40.6	149.9	6.0*	6.0*	44.9	150.5	4.8*	4.8*	48.0	145.0	4.1*	4.1*
150	70	180	36.4	137.4	5.2*	5.2*	40.6	137.8	4.5*	4.5*				
150	70	190	31.8	122.6	4.7*	4.6	35.8	122.8	4.2*	4.2*				
150	70	200	26.4	104.6	4.4*	4.0								

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
160	30	40	78.8	193.1	29.7*	29.7*								
160	30	50	75.7	190.9	28.8*	28.8*	77.9	190.6	26.0*	26.0*				
160	30	60	72.5	188.0	27.9*	27.9*	74.8	187.8	25.1*	25.1*	76.8	185.9	20.5*	20.5*
160	30	70	69.3	184.5	26.8	25.1	71.6	184.3	24.3*	24.3*	73.6	182.4	19.2*	19.2*
160	30	80	66.1	180.4	22.3	20.8	68.3	180.3	22.7	21.4	70.2	178.3	18.1*	18.1*
160	30	90	62.7	175.6	18.7	17.4	65.0	175.5	19.2	17.9	66.8	173.5	17.2*	17.2*
160	30	100	59.3	170.0	15.9	14.7	61.5	170.0	16.4	15.2	63.3	167.9	16.4*	15.5
160	30	110	55.7	163.6	13.7	12.6	57.9	163.6	14.0	13.0	59.6	161.4	14.3	13.3
160	30	120	52.0	156.3	11.8	10.8	54.1	156.3	12.1	11.1	55.8	154.0	12.4	11.4
160	30	130	48.0	147.9	10.2	9.3	50.2	147.9	10.5	9.6	51.7	145.4	10.7	9.8
160	30	140	43.8	138.2	8.9	8.1	45.9	138.2	9.2	8.3	47.3	135.4	9.3	8.5
160	30	150	39.3	126.9	7.8	7.0	41.3	126.8	8.0	7.2				
160	30	160	34.3	113.5	6.8	6.1	36.2	113.3	6.9	6.2				
160	30	170	28.5	97.0	5.9	5.2								
160	30	180	21.3	75.4	5.2	4.5								
160	40	40	79.3	203.1	26.6*	26.6*								
160	40	50	76.4	200.9	25.8*	25.8*	79.3	200.5	23.3*	23.3*				
160	40	60	73.4	198.2	25.0*	25.0*	76.3	197.8	22.1*	22.1*	78.9	195.3	16.9*	16.9*
160	40	70	70.4	194.8	24.2*	24.2*	73.3	194.5	20.8*	20.8*	75.8	192.0	15.8*	15.8*
160	40	80	67.3	190.9	22.3	20.9	70.2	190.7	19.4*	19.4*	72.7	188.1	14.9*	14.9*
160	40	90	64.2	186.3	18.9	17.5	67.0	186.2	18.0*	18.0*	69.5	183.6	14.2*	14.2*
160	40	100	61.0	181.1	16.1	14.9	63.8	181.0	16.6*	15.4	66.1	178.3	13.2*	13.2*
160	40	110	57.6	175.1	13.8	12.7	60.4	175.0	14.3	13.2	62.7	172.3	12.1*	12.1*
160	40	120	54.2	168.3	11.9	11.0	56.9	168.3	12.4	11.4	59.1	165.3	11.6*	11.6*
160	40	130	50.6	160.5	10.4	9.5	53.3	160.5	10.8	9.9	55.4	157.4	11.1	10.2
160	40	140	46.7	151.6	9.1	8.2	49.4	151.7	9.4	8.6	51.4	148.3	9.6	8.8
160	40	150	42.7	141.5	7.9	7.2	45.3	141.5	8.2	7.4				
160	40	160	38.3	129.7	6.9	6.2	40.8	129.6	7.2	6.4				
160	40	170	33.4	115.7	6.1	5.4	35.9	115.6	6.3	5.6				
160	40	180	27.7	98.7	5.3	4.7								
160	50	40	79.8	213.3	24.0*	24.0*								
160	50	50	77.1	211.2	23.3*	23.3*								
160	50	60	74.2	208.5	22.5*	22.5*	77.7	208.1	19.9*	19.9*				
160	50	70	71.4	205.4	21.8*	21.8*	74.8	205.0	18.3*	18.3*	77.9	202.0	12.8*	12.8*
160	50	80	68.5	201.6	20.4*	20.4*	71.9	201.4	16.7*	16.7*	74.9	198.4	11.8*	11.8*
160	50	90	65.5	197.3	18.8*	17.7	68.9	197.1	15.1*	15.1*	71.9	194.1	11.0*	11.0*
160	50	100	62.5	192.4	16.2	15.0	65.8	192.3	13.4*	13.4*	68.7	189.2	10.2*	10.2*
160	50	110	59.4	186.7	13.9	12.8	62.7	186.7	12.1*	12.1*	65.5	183.5	9.4*	9.4*
160	50	120	56.1	180.3	12.1	11.1	59.4	180.4	11.2*	11.2*	62.2	177.0	8.5*	8.5*
160	50	130	52.8	173.1	10.5	9.6	56.1	173.2	10.4*	10.1	58.7	169.7	8.2*	8.2*
160	50	140	49.3	164.9	9.2	8.4	52.5	165.1	9.5*	8.8	55.0	161.3	7.8*	7.8*
160	50	150	45.6	155.7	8.0	7.3	48.8	155.8	8.4	7.6	51.1	151.8	7.4*	7.4*
160	50	160	41.6	145.1	7.1	6.3	44.7	145.2	7.4	6.6				
160	50	170	37.3	132.9	6.2	5.5	40.4	132.9	6.5	5.8				
160	50	180	32.5	118.5	5.4	4.8	35.5	118.3	5.6	5.0				
160	50	190	27.0	100.9	4.7	4.1								



Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
160	60	50	77.7	221.5	21.0*	21.0*								
160	60	60	75.0	219.0	20.3*	20.3*	78.9	218.6	18.2*	18.2*				
160	60	70	72.3	216.0	19.6*	19.6*	76.2	215.7	16.8*	16.8*	79.8	212.5	10.9*	10.9*
160	60	80	69.5	212.5	18.0*	18.0*	73.4	212.3	15.1*	15.1*	77.0	209.0	9.2*	9.2*
160	60	90	66.7	208.4	16.5*	16.5*	70.6	208.4	13.4*	13.4*	74.1	205.0	8.5*	8.5*
160	60	100	63.8	203.8	15.2*	15.1	67.7	203.8	11.7*	11.7*	71.1	200.4	7.9*	7.9*
160	60	110	60.9	198.5	14.0*	12.9	64.7	198.6	9.9*	9.9*	68.1	195.1	7.3*	7.3*
160	60	120	57.9	192.5	12.2*	11.2	61.7	192.7	8.7*	8.7*	64.9	189.1	6.6*	6.6*
160	60	130	54.7	185.8	10.6*	9.7	58.5	186.0	8.0*	8.0*	61.7	182.2	6.0*	6.0*
160	60	140	51.5	178.2	9.2*	8.4	55.2	178.5	7.4*	7.4*	58.2	174.5	5.7*	5.7*
160	60	150	48.1	169.7	8.1	7.4	51.8	170.0	6.7*	6.7*	54.7	165.7	5.5*	5.5*
160	60	160	44.5	160.1	7.2	6.4	48.1	160.4	5.9*	5.9*	50.9	155.7	5.2*	5.2*
160	60	170	40.6	149.1	6.3	5.6	44.2	149.4	5.7*	5.7*	46.8	144.2	5.0*	5.0*
160	60	180	36.4	136.5	5.5	4.9	40.0	136.7	5.4*	5.2				
160	60	190	31.8	121.7	4.8	4.2	35.2	121.6	5.1	4.5				
160	60	200	26.4	103.6	4.2	3.7								
160	70	50	78.2	232.0	18.4*	18.4*								
160	70	60	75.6	229.7	17.8*	17.8*								
160	70	70	73.1	226.8	17.1*	17.1*	77.5	226.7	15.0*	15.0*				
160	70	80	70.4	223.5	16.1*	16.1*	74.8	223.5	13.9*	13.9*	78.8	220.0	9.4*	9.4*
160	70	90	67.8	219.7	14.7*	14.7*	72.1	219.8	12.6*	12.6*	76.1	216.3	8.2*	8.2*
160	70	100	65.0	215.3	13.4*	13.4*	69.4	215.5	11.3*	11.3*	73.3	211.9	7.5*	7.5*
160	70	110	62.3	210.4	12.3*	12.3*	66.6	210.7	10.0*	10.0*	70.4	207.0	6.9*	6.9*
160	70	120	59.4	204.8	11.3*	11.3	63.7	205.2	8.7*	8.7*	67.4	201.4	6.3*	6.3*
160	70	130	56.5	198.5	10.4*	9.8	60.7	199.0	7.7*	7.7*	64.4	195.0	5.7*	5.7*
160	70	140	53.4	191.5	9.4*	8.5	57.7	192.0	7.1*	7.1*	61.2	187.9	5.1*	5.1*
160	70	150	50.3	183.6	8.0*	7.4	54.5	184.2	6.4*	6.4*	57.8	179.8	4.8*	4.8*
160	70	160	46.9	174.8	7.2	6.5	51.1	175.4	5.7*	5.7*	54.3	170.7	4.5*	4.5*
160	70	170	43.4	164.9	6.4	5.7	47.5	165.4	5.0*	5.0*	50.6	160.3	4.2*	4.2*
160	70	180	39.7	153.6	5.6	5.0	43.7	154.1	4.7*	4.7*	46.6	148.3	3.8*	3.8*
160	70	190	35.6	140.6	4.9	4.3	39.5	141.0	4.4*	4.4*				
160	70	200	31.0	125.4	4.3	3.7	34.9	125.5	4.1*	4.0				
160	70	210	25.8	106.9	3.8	3.2								
170	30	40	79.3	203.3	29.8*	29.8*								
170	30	50	76.4	201.2	29.0*	29.0*	78.6	200.9	26.2*	26.2*				
170	30	60	73.4	198.4	28.1*	28.1*	75.6	198.2	25.4*	25.4*	77.5	196.3	20.7*	20.7*
170	30	70	70.4	195.2	26.6	24.8	72.6	195.0	24.5*	24.5*	74.4	193.0	19.5*	19.5*
170	30	80	67.3	191.3	22.0	20.5	69.5	191.1	22.5	21.1	71.3	189.2	18.4*	18.4*
170	30	90	64.2	186.8	18.5	17.1	66.3	186.7	19.0	17.7	68.1	184.6	17.5*	17.5*
170	30	100	61.0	181.5	15.7	14.5	63.1	181.5	16.1	14.9	64.8	179.4	16.5	15.3
170	30	110	57.6	175.6	13.4	12.3	59.7	175.6	13.8	12.7	61.4	173.4	14.1	13.0
170	30	120	54.2	168.8	11.5	10.5	56.2	168.8	11.9	10.9	57.8	166.5	12.2	11.2
170	30	130	50.6	161.1	10.0	9.1	52.6	161.1	10.3	9.4	54.1	158.7	10.5	9.6
170	30	140	46.7	152.3	8.6	7.8	48.7	152.3	8.9	8.1	50.2	149.6	9.1	8.3
170	30	150	42.7	142.1	7.5	6.7	44.6	142.1	7.7	7.0				
170	30	160	38.3	130.4	6.5	5.8	40.2	130.3	6.7	6.0				
170	30	170	33.4	116.5	5.7	5.0	35.2	116.3	5.8	5.1				
170	30	180	27.7	99.5	4.9	4.2								

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
170	40	40	79.8	213.3	26.7*	26.7*								
170	40	50	77.1	211.2	26.0*	26.0*	79.8	210.7	23.5*	23.5*				
170	40	60	74.2	208.6	25.2*	25.2*	77.0	208.2	22.4*	22.4*	79.5	205.6	17.1*	17.1*
170	40	70	71.4	205.4	24.4*	24.4*	74.1	205.1	21.1*	21.1*	76.6	202.5	16.0*	16.0*
170	40	80	68.5	201.7	22.2	20.7	71.2	201.5	19.8*	19.8*	73.6	198.9	15.2*	15.2*
170	40	90	65.5	197.4	18.6	17.3	68.2	197.2	18.5*	18.0	70.5	194.6	14.4*	14.4*
170	40	100	62.5	192.5	15.8	14.6	65.2	192.3	16.4	15.2	67.4	189.6	13.6*	13.6*
170	40	110	59.4	186.9	13.5	12.5	62.0	186.8	14.1	13.0	64.2	184.0	12.6*	12.6*
170	40	120	56.1	180.5	11.7	10.7	58.8	180.4	12.1	11.2	60.9	177.5	11.8*	11.5
170	40	130	52.8	173.3	10.1	9.2	55.4	173.3	10.5	9.6	57.4	170.2	10.9	9.9
170	40	140	49.3	165.1	8.8	8.0	51.8	165.1	9.1	8.3	53.8	161.9	9.4	8.6
170	40	150	45.6	155.9	7.7	6.9	48.1	155.9	8.0	7.2	49.9	152.4	8.2	7.4
170	40	160	41.6	145.3	6.7	5.9	44.1	145.3	6.9	6.2				
170	40	170	37.3	133.1	5.8	5.1	39.7	133.0	6.0	5.3				
170	40	180	32.5	118.7	5.0	4.4	34.9	118.4	5.2	4.6				
170	40	190	27.0	101.2	4.3	3.7								
170	50	50	77.7	221.4	23.4*	23.4*								
170	50	60	75.0	218.9	22.7*	22.7*	78.3	218.4	20.2*	20.2*				
170	50	70	72.3	215.9	22.0*	22.0*	75.5	215.5	18.7*	18.7*	78.5	212.5	13.1*	13.1*
170	50	80	69.5	212.4	20.5*	20.5*	72.8	212.1	17.2*	17.2*	75.7	209.0	12.0*	12.0*
170	50	90	66.7	208.3	18.7	17.4	69.9	208.1	15.7*	15.7*	72.8	205.0	11.2*	11.2*
170	50	100	63.8	203.6	15.9	14.7	67.0	203.5	14.1*	14.1*	69.8	200.3	10.5*	10.5*
170	50	110	60.9	198.3	13.7	12.6	64.1	198.2	12.5*	12.5*	66.8	195.0	9.7*	9.7*
170	50	120	57.9	192.3	11.8	10.8	61.0	192.3	11.6*	11.4	63.7	189.0	8.9*	8.9*
170	50	130	54.7	185.6	10.2	9.3	57.9	185.6	10.7	9.8	60.4	182.1	8.4*	8.4*
170	50	140	51.5	178.0	8.9	8.1	54.6	178.1	9.4	8.5	57.0	174.4	8.0*	8.0*
170	50	150	48.1	169.4	7.8	7.0	51.1	169.5	8.2	7.4	53.5	165.6	7.6*	7.6*
170	50	160	44.5	159.8	6.8	6.1	47.5	159.9	7.1	6.4	49.7	155.7	7.2*	6.7
170	50	170	40.6	148.8	5.9	5.2	43.6	148.9	6.2	5.5				
170	50	180	36.4	136.2	5.1	4.5	39.3	136.1	5.4	4.8				
170	50	190	31.8	121.3	4.5	3.9	34.6	121.1	4.7	4.1				
170	50	200	26.4	103.3	3.8	3.3								
170	60	50	78.2	231.8	21.2*	21.2*								
170	60	60	75.6	229.4	20.5*	20.5*	79.4	228.9	18.3*	18.3*				
170	60	70	73.1	226.5	19.8*	19.8*	76.8	226.2	17.2*	17.2*				
170	60	80	70.4	223.2	18.1*	18.1*	74.2	222.9	15.6*	15.6*	77.6	219.6	9.6*	9.6*
170	60	90	67.8	219.3	16.6*	16.6*	71.5	219.2	14.0*	14.0*	74.8	215.8	8.6*	8.6*
170	60	100	65.0	214.9	15.2*	14.8	68.8	214.8	12.3*	12.3*	72.0	211.4	8.1*	8.1*
170	60	110	62.3	209.9	13.7	12.7	66.0	209.9	10.6*	10.6*	69.1	206.4	7.5*	7.5*
170	60	120	59.4	204.3	11.9	10.9	63.1	204.4	8.9*	8.9*	66.2	200.7	6.9*	6.9*
170	60	130	56.5	197.9	10.3	9.4	60.1	198.1	8.3*	8.3*	63.1	194.4	6.3*	6.3*
170	60	140	53.4	190.9	9.0	8.2	57.0	191.1	7.7*	7.7*	60.0	187.2	5.8*	5.8*
170	60	150	50.3	183.0	7.9	7.1	53.8	183.2	7.1*	7.1*	56.7	179.1	5.6*	5.6*
170	60	160	46.9	174.1	6.9	6.1	50.5	174.4	6.4*	6.4*	53.2	169.9	5.4*	5.4*
170	60	170	43.4	164.1	6.0	5.3	46.9	164.4	5.9*	5.7	49.5	159.5	5.1*	5.1*
170	60	180	39.7	152.8	5.2	4.6	43.1	153.0	5.6	4.9				

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
170	60	190	35.6	139.7	4.6	4.0	38.9	139.8	4.8	4.2				
170	60	200	31.0	124.5	3.9	3.4	34.3	124.3	4.2	3.6				
170	60	210	25.8	106.0	3.4	2.8								
170	70	50	78.7	242.2	18.6*	18.6*								
170	70	60	76.2	240.0	17.9*	17.9*								
170	70	70	73.8	237.3	17.3*	17.3*	78.0	237.1	15.2*	15.2*				
170	70	80	71.3	234.1	16.2*	16.2*	75.5	234.0	14.2*	14.2*	79.3	230.5	9.5*	9.5*
170	70	90	68.7	230.5	14.8*	14.8*	72.9	230.5	13.0*	13.0*	76.7	226.9	8.5*	8.5*
170	70	100	66.1	226.3	13.5*	13.5*	70.3	226.4	11.8*	11.8*	74.0	222.8	7.7*	7.7*
170	70	110	63.5	221.6	12.4*	12.4*	67.7	221.8	10.5*	10.5*	71.3	218.1	7.1*	7.1*
170	70	120	60.8	216.3	11.4*	11.0	64.9	216.6	9.3*	9.3*	68.5	212.8	6.6*	6.6*
170	70	130	58.0	210.4	10.4	9.5	62.1	210.8	7.9*	7.9*	65.6	206.9	6.0*	6.0*
170	70	140	55.2	203.8	9.1	8.2	59.3	204.3	7.4*	7.4*	62.6	200.2	5.4*	5.4*
170	70	150	52.2	196.5	7.9	7.2	56.3	197.0	6.8*	6.8*	59.6	192.7	4.9*	4.9*
170	70	160	49.1	188.3	6.9	6.2	53.1	188.8	6.1*	6.1*	56.3	184.2	4.5*	4.5*
170	70	170	45.9	179.1	6.1	5.4	49.9	179.6	5.5*	5.5*	52.9	174.7	4.1*	4.1*
170	70	180	42.5	168.8	5.3	4.7	46.4	169.3	4.9*	4.9*	49.3	163.9	3.7*	3.7*
170	70	190	38.8	157.1	4.6	4.0	42.6	157.6	4.6*	4.4				
170	70	200	34.8	143.8	4.0	3.4	38.6	144.1	4.3	3.7				
170	70	210	30.4	128.1	3.5	2.9	34.0	128.1	3.7	3.2				
170	70	220	25.3	109.2	3.0	2.5								
180	30	40	79.8	213.5	30.0*	30.0*								
180	30	50	77.1	211.4	29.2*	29.2*	79.1	211.1	26.3*	26.3*				
180	30	60	74.2	208.9	28.4*	28.4*	76.3	208.6	25.5*	25.5*	78.1	206.7	21.0*	21.0*
180	30	70	71.4	205.8	26.3	24.5	73.4	205.5	24.8*	24.8*	75.2	203.6	19.8*	19.8*
180	30	80	68.5	202.1	21.8	20.3	70.5	201.9	22.2	20.9	72.3	199.9	18.7*	18.7*
180	30	90	65.5	197.8	18.2	16.9	67.5	197.7	18.8	17.4	69.2	195.7	17.8*	17.8*
180	30	100	62.5	192.9	15.4	14.2	64.5	192.8	15.9	14.7	66.1	190.8	16.3	15.1
180	30	110	59.4	187.3	13.1	12.0	61.3	187.3	13.5	12.5	62.9	185.1	13.9	12.8
180	30	120	56.1	181.0	11.3	10.3	58.1	181.0	11.6	10.6	59.6	178.7	11.9	10.9
180	30	130	52.8	173.8	9.7	8.8	54.7	173.8	10.0	9.1	56.2	171.5	10.3	9.4
180	30	140	49.3	165.7	8.4	7.5	51.2	165.7	8.7	7.8	52.6	163.2	8.9	8.0
180	30	150	45.6	156.5	7.2	6.5	47.4	156.5	7.5	6.7	48.8	153.8	7.7	6.9
180	30	160	41.6	146.0	6.2	5.5	43.5	146.0	6.5	5.7				
180	30	170	37.3	133.8	5.4	4.7	39.1	133.7	5.6	4.9				
180	30	180	32.5	119.5	4.6	4.0	34.3	119.2	4.7	4.1				
180	30	190	27.0	102.0	3.9	3.3								
180	40	50	77.7	221.5	26.1*	26.1*								
180	40	60	75.0	219.0	25.4*	25.4*	77.6	218.5	22.7*	22.7*	80.0	216.0	17.2*	17.2*
180	40	70	72.3	216.0	24.7*	24.7	74.9	215.6	21.5*	21.5*	77.2	213.0	16.2*	16.2*
180	40	80	69.5	212.5	21.9	20.4	72.1	212.2	20.2*	20.2*	74.4	209.5	15.4*	15.4*
180	40	90	66.7	208.4	18.3	17.0	69.3	208.1	19.0*	17.7	71.5	205.5	14.6*	14.6*
180	40	100	63.8	203.7	15.5	14.3	66.4	203.5	16.2	15.0	68.6	200.8	13.9*	13.9*
180	40	110	60.9	198.4	13.3	12.2	63.4	198.3	13.8	12.7	65.5	195.5	13.0*	13.0*
180	40	120	57.9	192.4	11.4	10.4	60.4	192.4	11.9	10.9	62.4	189.5	12.0*	11.3
180	40	130	54.7	185.7	9.8	8.9	57.2	185.7	10.3	9.4	59.2	182.7	10.6	9.7
180	40	140	51.5	178.1	8.5	7.7	53.9	178.1	8.9	8.1	55.8	175.0	9.2	8.4

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
180	40	150	48.1	169.6	7.4	6.6	50.5	169.6	7.7	6.9	52.3	166.3	8.0	7.2
180	40	160	44.5	160.0	6.4	5.7	46.9	160.0	6.7	6.0	48.6	156.4	6.9	6.2
180	40	170	40.6	149.0	5.5	4.8	43.0	149.0	5.8	5.1				
180	40	180	36.4	136.4	4.7	4.1	38.7	136.3	5.0	4.3				
180	40	190	31.8	121.6	4.1	3.5	34.0	121.3	4.2	3.6				
180	40	200	26.4	103.5	3.5	2.9								
180	50	50	78.2	231.7	23.6*	23.6*								
180	50	60	75.6	229.3	22.9*	22.9*	78.8	228.7	20.5*	20.5*				
180	50	70	73.1	226.4	22.2*	22.2*	76.2	226.0	19.1*	19.1*	79.0	222.9	13.4*	13.4*
180	50	80	70.4	223.0	20.5*	20.5	73.6	222.7	17.7*	17.7*	76.3	219.6	12.1*	12.1*
180	50	90	67.8	219.1	18.5	17.1	70.9	218.9	16.2*	16.2*	73.6	215.8	11.4*	11.4*
180	50	100	65.0	214.7	15.6	14.4	68.1	214.5	14.7*	14.7*	70.8	211.4	10.7*	10.7*
180	50	110	62.3	209.7	13.4	12.3	65.3	209.6	13.2*	13.0	67.9	206.3	10.0*	10.0*
180	50	120	59.4	204.0	11.5	10.5	62.5	204.0	12.0*	11.1	65.0	200.7	9.3*	9.3*
180	50	130	56.5	197.7	10.0	9.0	59.5	197.7	10.5	9.6	62.0	194.3	8.5*	8.5*
180	50	140	53.4	190.6	8.6	7.8	56.4	190.7	9.1	8.3	58.8	187.1	8.2*	8.2*
180	50	150	50.3	182.7	7.5	6.7	53.2	182.8	7.9	7.1	55.5	179.0	7.7*	7.5
180	50	160	46.9	173.8	6.5	5.8	49.9	173.9	6.9	6.1	52.0	169.8	6.8*	6.4
180	50	170	43.4	163.8	5.6	4.9	46.3	163.9	6.0	5.3	48.4	159.5	6.1*	5.5
180	50	180	39.7	152.5	4.9	4.2	42.5	152.5	5.1	4.5				
180	50	190	35.6	139.4	4.2	3.6	38.4	139.3	4.4	3.8				
180	50	200	31.0	124.1	3.6	3.0								
180	50	210	25.8	105.6	3.0	2.5								
180	60	50	78.7	242.0	21.3*	21.3*								
180	60	60	76.2	239.7	20.6*	20.6*	79.9	239.2	18.4*	18.4*				
180	60	70	73.8	237.0	19.9*	19.9*	77.4	236.6	17.4*	17.4*				
180	60	80	71.3	233.8	18.1*	18.1*	74.9	233.5	16.0*	16.0*	78.1	230.1	9.9*	9.9*
180	60	90	68.7	230.1	16.6*	16.6*	72.3	229.9	14.4*	14.4*	75.5	226.5	8.8*	8.8*
180	60	100	66.1	225.9	15.3*	14.5	69.7	225.8	12.9*	12.9*	72.9	222.3	8.2*	8.2*
180	60	110	63.5	221.1	13.5	12.4	67.1	221.1	11.3*	11.3*	70.1	217.6	7.7*	7.7*
180	60	120	60.8	215.8	11.6	10.6	64.3	215.9	9.7*	9.7*	67.3	212.2	7.1*	7.1*
180	60	130	58.0	209.9	10.0	9.1	61.5	210.0	8.6*	8.6*	64.5	206.2	6.5*	6.5*
180	60	140	55.2	203.2	8.7	7.9	58.7	203.4	8.0*	8.0*	61.5	199.5	6.0*	6.0*
180	60	150	52.2	195.8	7.6	6.8	55.7	196.0	7.4*	7.3	58.4	191.9	5.7*	5.7*
180	60	160	49.1	187.6	6.6	5.9	52.5	187.8	6.8*	6.3	55.2	183.5	5.4*	5.4*
180	60	170	45.9	178.4	5.7	5.0	49.3	178.6	6.1	5.4	51.8	174.0	4.8*	4.8*
180	60	180	42.5	168.0	5.0	4.3	45.8	168.3	5.3	4.7	48.2	163.2	4.3*	4.3*
180	60	190	38.8	156.3	4.3	3.7	42.1	156.5	4.6	4.0				
180	60	200	34.8	142.9	3.7	3.1	38.0	142.9	3.9	3.3				
180	60	210	30.4	127.2	3.1	2.6	33.5	127.0	3.3	2.8				
180	60	220	25.3	108.2	2.6	2.1								
180	70	50	79.2	252.4	18.7*	18.7*								
180	70	60	76.8	250.2	18.1*	18.1*								
180	70	70	74.4	247.7	17.4*	17.4*	78.5	247.4	15.3*	15.3*				
180	70	80	72.0	244.7	16.3*	16.3*	76.1	244.5	14.3*	14.3*	79.8	240.9	9.6*	9.6*
180	70	90	69.6	241.2	14.8*	14.8*	73.7	241.1	13.2*	13.2*	77.3	237.5	8.8*	8.8*
180	70	100	67.2	237.2	13.6*	13.6*	71.2	237.3	12.2*	12.2*	74.8	233.6	7.8*	7.8*

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
180	70	110	64.6	232.7	12.5*	12.5	68.6	232.9	11.0*	11.0*	72.2	229.1	7.3*	7.3*
180	70	120	62.1	227.7	11.5*	10.7	66.1	228.0	9.8*	9.8*	69.5	224.1	6.8*	6.8*
180	70	130	59.5	222.1	10.1	9.2	63.4	222.4	8.5*	8.5*	66.8	218.5	6.2*	6.2*
180	70	140	56.8	215.9	8.8	8.0	60.7	216.3	7.7*	7.7*	64.0	212.2	5.5*	5.5*
180	70	150	54.0	209.0	7.7	6.9	57.9	209.4	7.1*	7.1*	61.1	205.1	4.8*	4.8*
180	70	160	51.1	201.3	6.7	5.9	54.9	201.8	6.5*	6.5	58.0	197.3	4.3*	4.3*
180	70	170	48.1	192.8	5.8	5.1	51.9	193.3	5.9*	5.6	54.9	188.5	3.8*	3.8*
180	70	180	44.9	183.3	5.0	4.4	48.7	183.8	5.3*	4.8	51.5	178.6	3.4*	3.4*
180	70	190	41.6	172.6	4.3	3.7	45.3	173.1	4.7	4.1	48.0	167.4	3.1*	3.1*
180	70	200	38.0	160.6	3.7	3.2	41.7	161.0	4.1	3.5				
180	70	210	34.1	146.9	3.2	2.6	37.7	147.1	3.5	2.9				
180	70	220	29.8	130.8	2.7	2.2	33.2	130.7	2.9	2.4				
180	70	230	24.7	111.4	2.2									
190	30	50	77.7	221.7	29.3*	29.3*	79.6	221.4	26.5*	26.5*				
190	30	60	75.0	219.2	28.6*	28.6*	76.9	219.0	25.7*	25.7*	78.7	217.0	21.2*	21.2*
190	30	70	72.3	216.3	26.0	24.2	74.2	216.0	25.0*	25.0*	75.9	214.1	20.0*	20.0*
190	30	80	69.5	212.8	21.5	20.0	71.4	212.6	22.2	20.7	73.1	210.6	19.0*	19.0*
190	30	90	66.7	208.8	17.9	16.6	68.6	208.6	18.5	17.2	70.3	206.6	18.1*	17.7
190	30	100	63.8	204.1	15.1	13.9	65.7	204.0	15.6	14.4	67.3	202.0	16.1	14.9
190	30	110	60.9	198.9	12.8	11.8	62.8	198.8	13.3	12.2	64.3	196.7	13.7	12.6
190	30	120	57.9	192.9	11.0	10.0	59.7	192.9	11.4	10.4	61.2	190.7	11.7	10.7
190	30	130	54.7	186.2	9.4	8.5	56.6	186.2	9.8	8.9	58.0	183.9	10.0	9.1
190	30	140	51.5	178.7	8.1	7.3	53.3	178.7	8.4	7.6	54.7	176.3	8.6	7.8
190	30	150	48.1	170.2	7.0	6.2	49.9	170.2	7.2	6.4	51.2	167.6	7.4	6.6
190	30	160	44.5	160.6	6.0	5.2	46.2	160.6	6.2	5.5	47.5	157.8	6.4	5.6
190	30	170	40.6	149.7	5.1	4.4	42.4	149.7	5.3	4.6				
190	30	180	36.4	137.1	4.3	3.7	38.1	137.0	4.5	3.9				
190	30	190	31.8	122.3	3.6	3.0	33.4	122.1	3.8	3.2				
190	30	200	26.4	104.3	3.0	2.5								
190	40	50	78.2	231.7	26.3*	26.3*								
190	40	60	75.6	229.3	25.6*	25.6*	78.2	228.9	22.9*	22.9*				
190	40	70	73.1	226.5	24.9*	24.4	75.6	226.1	21.8*	21.8*	77.8	223.5	16.4*	16.4*
190	40	80	70.4	223.1	21.7	20.1	72.9	222.8	20.6*	20.6*	75.1	220.2	15.6*	15.6*
190	40	90	67.8	219.2	18.1	16.7	70.2	219.0	18.9	17.5	72.4	216.3	14.8*	14.8*
190	40	100	65.0	214.8	15.3	14.1	67.5	214.6	15.9	14.7	69.6	211.9	14.1*	14.1*
190	40	110	62.3	209.8	13.0	11.9	64.7	209.7	13.6	12.5	66.8	206.9	13.4*	13.0
190	40	120	59.4	204.2	11.1	10.1	61.8	204.1	11.6	10.7	63.8	201.2	12.1	11.1
190	40	130	56.5	197.9	9.6	8.7	58.9	197.8	10.0	9.1	60.8	194.8	10.4	9.5
190	40	140	53.4	190.8	8.2	7.4	55.8	190.7	8.6	7.8	57.7	187.7	9.0	8.1
190	40	150	50.3	182.9	7.1	6.3	52.6	182.8	7.5	6.7	54.4	179.6	7.7	7.0
190	40	160	46.9	174.0	6.1	5.4	49.3	174.0	6.4	5.7	51.0	170.5	6.7	5.9
190	40	170	43.4	164.0	5.2	4.6	45.7	164.0	5.5	4.8	47.3	160.2	5.7	5.0
190	40	180	39.7	152.7	4.5	3.8	41.9	152.6	4.7	4.1				
190	40	190	35.6	139.6	3.8	3.2	37.8	139.5	4.0	3.4				
190	40	200	31.0	124.4	3.2	2.6								
190	40	210	25.8	105.8	2.6	2.1								

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
190	50	50	78.7	241.9	23.7*	23.7*								
190	50	60	76.2	239.6	23.1*	23.1*	79.3	239.0	20.7*	20.7*				
190	50	70	73.8	236.9	22.4*	22.4*	76.8	236.4	19.4*	19.4*	79.5	233.3	13.6*	13.6*
190	50	80	71.3	233.6	20.5*	20.3	74.3	233.3	18.1*	18.1*	76.9	230.1	12.3*	12.3*
190	50	90	68.7	229.9	18.2	16.8	71.7	229.6	16.7*	16.7*	74.3	226.5	11.6*	11.6*
190	50	100	66.1	225.7	15.4	14.2	69.1	225.5	15.2*	15.0	71.7	222.3	11.0*	11.0*
190	50	110	63.5	221.0	13.1	12.0	66.5	220.8	13.8*	12.8	69.0	217.6	10.3*	10.3*
190	50	120	60.8	215.6	11.2	10.3	63.7	215.5	11.9	10.9	66.2	212.2	9.6*	9.6*
190	50	130	58.0	209.6	9.7	8.8	60.9	209.6	10.3	9.4	63.3	206.2	8.8*	8.8*
190	50	140	55.2	203.0	8.3	7.5	58.1	203.0	8.9	8.0	60.4	199.4	8.1*	8.1*
190	50	150	52.2	195.6	7.2	6.4	55.1	195.6	7.7	6.9	57.3	191.9	7.1*	7.1*
190	50	160	49.1	187.3	6.2	5.5	52.0	187.4	6.6	5.9	54.1	183.4	6.4*	6.2
190	50	170	45.9	178.1	5.3	4.7	48.7	178.1	5.7	5.0	50.7	173.9	5.8*	5.3
190	50	180	42.5	167.7	4.6	3.9	45.2	167.8	4.9	4.3				
190	50	190	38.8	156.0	3.9	3.3	41.5	156.0	4.2	3.6				
190	50	200	34.8	142.6	3.3	2.7	37.5	142.4	3.5	2.9				
190	50	210	30.4	126.9	2.7	2.2								
190	50	220	25.3	107.9	2.2									
190	60	50	79.2	252.2	21.4*	21.4*								
190	60	60	76.8	250.0	20.8*	20.8*								
190	60	70	74.4	247.4	19.8*	19.8*	77.9	246.9	17.4*	17.4*				
190	60	80	72.0	244.3	18.1*	18.1*	75.5	244.0	16.1*	16.1*	78.6	240.5	10.2*	10.2*
190	60	90	69.6	240.8	16.7*	16.7*	73.1	240.6	14.9*	14.9*	76.2	237.1	8.9*	8.9*
190	60	100	67.2	236.8	15.3*	14.3	70.6	236.6	13.4*	13.4*	73.6	233.1	8.4*	8.4*
190	60	110	64.6	232.3	13.2	12.1	68.1	232.2	11.9*	11.9*	71.0	228.6	7.9*	7.9*
190	60	120	62.1	227.2	11.3	10.3	65.5	227.2	10.3*	10.3*	68.4	223.6	7.3*	7.3*
190	60	130	59.5	221.6	9.8	8.9	62.8	221.6	8.9*	8.9*	65.7	217.9	6.8*	6.8*
190	60	140	56.8	215.3	8.4	7.6	60.1	215.4	8.3*	8.2	62.9	211.6	6.2*	6.2*
190	60	150	54.0	208.4	7.3	6.5	57.3	208.5	7.8*	7.1	60.0	204.5	5.7*	5.7*
190	60	160	51.1	200.6	6.3	5.6	54.4	200.9	6.8	6.1	57.0	196.6	5.1*	5.1*
190	60	170	48.1	192.1	5.4	4.8	51.3	192.3	5.9	5.2	53.8	187.8	4.5*	4.5*
190	60	180	44.9	182.5	4.7	4.0	48.1	182.8	5.1	4.4	50.5	177.9	4.1*	4.1*
190	60	190	41.6	171.9	4.0	3.4	44.7	172.0	4.3	3.7	47.0	166.8	3.7*	3.7*
190	60	200	38.0	159.8	3.4	2.8	41.1	159.9	3.7	3.1				
190	60	210	34.1	146.0	2.8	2.3	37.1	146.0	3.1	2.5				
190	60	220	29.8	129.9	2.3									
190	70	50	79.6	262.6	18.8*	18.8*								
190	70	60	77.3	260.5	18.2*	18.2*								
190	70	70	75.1	258.0	17.6*	17.6*	79.0	257.7	15.4*	15.4*				
190	70	80	72.8	255.2	16.3*	16.3*	76.7	254.9	14.3*	14.3*				
190	70	90	70.4	251.8	14.8*	14.8*	74.3	251.7	13.2*	13.2*	77.8	248.0	9.0*	9.0*
190	70	100	68.1	248.0	13.6*	13.6*	71.9	248.0	12.2*	12.2*	75.4	244.3	7.9*	7.9*
190	70	110	65.7	243.8	12.5*	12.2	69.5	243.8	11.3*	11.3*	72.9	240.1	7.4*	7.4*
190	70	120	63.2	239.0	11.4	10.4	67.1	239.2	10.2*	10.2*	70.4	235.3	6.8*	6.8*
190	70	130	60.7	233.7	9.8	8.9	64.6	233.9	9.1*	9.1*	67.8	230.0	5.9*	5.9*
190	70	140	58.2	227.8	8.5	7.7	62.0	228.1	7.9*	7.9*	65.2	224.0	5.2*	5.2*
190	70	150	55.6	221.2	7.4	6.6	59.3	221.6	7.4*	7.2	62.4	217.4	4.5*	4.5*
190	70	160	52.8	214.0	6.4	5.7	56.6	214.4	6.8*	6.2	59.6	210.0	4.0*	4.0*

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Ctwt.	ABC+0 Ctwt.
190	70	170	50.0	206.0	5.5	4.8	53.7	206.5	6.0	5.3	56.6	201.8	3.6*	3.6*
190	70	180	47.1	197.2	4.7	4.1	50.7	197.7	5.2	4.6	53.6	192.7	3.3*	3.3*
190	70	190	44.0	187.4	4.1	3.5	47.6	187.8	4.5	3.9	50.3	182.4	3.0*	3.0*
190	70	200	40.7	176.4	3.4	2.9	44.3	176.8	3.8	3.2	46.8	170.9	2.7*	2.7*
190	70	210	37.2	164.0	2.9	2.3	40.7	164.3	3.2	2.7				
190	70	220	33.4	149.9	2.4		36.8	150.0	2.7					
200	30	50	78.2	231.9	29.5*	29.5*								
200	30	60	75.6	229.6	28.8*	28.8*	77.5	229.3	25.9*	25.9*	79.2	227.3	21.4*	21.4*
200	30	70	73.1	226.8	25.7	24.0	74.9	226.5	25.2*	24.8	76.6	224.5	20.3*	20.3*
200	30	80	70.4	223.4	21.3	19.7	72.3	223.2	22.0	20.5	73.9	221.3	19.2*	19.2*
200	30	90	67.8	219.6	17.7	16.3	69.6	219.4	18.3	16.9	71.2	217.4	18.3*	17.5
200	30	100	65.0	215.2	14.8	13.6	66.9	215.1	15.4	14.2	68.4	213.0	15.9	14.7
200	30	110	62.3	210.3	12.6	11.5	64.1	210.2	13.1	12.0	65.6	208.1	13.5	12.4
200	30	120	59.4	204.7	10.7	9.7	61.2	204.6	11.1	10.1	62.7	202.4	11.5	10.5
200	30	130	56.5	198.4	9.1	8.2	58.3	198.3	9.5	8.6	59.7	196.1	9.8	8.9
200	30	140	53.4	191.3	7.8	7.0	55.2	191.3	8.1	7.3	56.6	189.0	8.4	7.6
200	30	150	50.3	183.5	6.7	5.9	52.0	183.5	7.0	6.2	53.3	180.9	7.2	6.4
200	30	160	46.9	174.6	5.7	5.0	48.7	174.6	5.9	5.2	49.9	171.9	6.1	5.4
200	30	170	43.4	164.7	4.8	4.1	45.1	164.7	5.0	4.4	46.3	161.7	5.2	4.5
200	30	180	39.7	153.4	4.1	3.4	41.3	153.3	4.2	3.6				
200	30	190	35.6	140.4	3.4	2.8	37.2	140.2	3.5	2.9				
200	30	200	31.0	125.1	2.8	2.2								
200	30	210	25.8	106.7	2.2									
200	40	50	78.7	241.9	26.4*	26.4*								
200	40	60	76.2	239.7	25.7*	25.7*	78.7	239.2	23.1*	23.1*				
200	40	70	73.8	236.9	25.1*	24.1	76.2	236.5	22.0*	22.0*	78.3	233.9	16.6*	16.6*
200	40	80	71.3	233.7	21.4	19.9	73.7	233.4	20.9*	20.8	75.8	230.7	15.7*	15.7*
200	40	90	68.7	230.0	17.8	16.5	71.1	229.7	18.6	17.3	73.2	227.1	15.0*	15.0*
200	40	100	66.1	225.8	15.0	13.8	68.5	225.6	15.7	14.5	70.5	222.9	14.3*	14.3*
200	40	110	63.5	221.1	12.7	11.6	65.9	220.9	13.3	12.3	67.8	218.1	13.4*	12.8
200	40	120	60.8	215.7	10.8	9.9	63.1	215.6	11.4	10.4	65.1	212.8	11.9	10.9
200	40	130	58.0	209.8	9.3	8.4	60.4	209.7	9.8	8.9	62.2	206.8	10.2	9.3
200	40	140	55.2	203.1	8.0	7.1	57.5	203.1	8.4	7.6	59.3	200.0	8.8	7.9
200	40	150	52.2	195.7	6.8	6.0	54.5	195.7	7.2	6.4	56.2	192.5	7.5	6.7
200	40	160	49.1	187.5	5.8	5.1	51.4	187.5	6.2	5.4	53.0	184.1	6.4	5.7
200	40	170	45.9	178.3	5.0	4.3	48.1	178.2	5.3	4.6	49.7	174.7	5.5	4.8
200	40	180	42.5	167.9	4.2	3.5	44.6	167.9	4.5	3.8				
200	40	190	38.8	156.2	3.5	2.9	40.9	156.1	3.7	3.1				
200	40	200	34.8	142.8	2.9	2.3	36.9	142.6	3.1	2.5				
200	40	210	30.4	127.1	2.3									
200	50	50	79.2	252.1	23.8*	23.8*								
200	50	60	76.8	249.9	23.2*	23.2*	79.7	249.3	20.8*	20.8*				
200	50	70	74.4	247.3	22.6*	22.6*	77.3	246.8	19.6*	19.6*	80.0	243.6	13.9*	13.9*
200	50	80	72.0	244.2	20.4*	20.0	74.9	243.8	18.3*	18.3*	77.5	240.6	12.5*	12.5*
200	50	90	69.6	240.7	17.9	16.6	72.5	240.3	17.0*	17.0*	75.0	237.1	11.8*	11.8*
200	50	100	67.2	236.6	15.1	13.9	70.0	236.4	15.7*	14.8	72.5	233.2	11.2*	11.2*
200	50	110	64.6	232.1	12.8	11.7	67.5	231.9	13.6	12.5	69.9	228.6	10.5*	10.5*

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
200	50	120	62.1	227.0	11.0	10.0	64.9	226.9	11.6	10.7	67.3	223.6	9.7*	9.7*
200	50	130	59.5	221.4	9.4	8.5	62.3	221.3	10.0	9.1	64.6	217.9	8.5*	8.5*
200	50	140	56.8	215.1	8.1	7.2	59.5	215.0	8.6	7.8	61.8	211.5	7.5*	7.5*
200	50	150	54.0	208.1	6.9	6.1	56.7	208.1	7.4	6.6	58.9	204.5	6.7*	6.7*
200	50	160	51.1	200.4	5.9	5.2	53.8	200.4	6.4	5.6	55.9	196.6	6.0*	6.0
200	50	170	48.1	191.8	5.1	4.4	50.8	191.8	5.5	4.8	52.8	187.8	5.4*	5.1
200	50	180	44.9	182.2	4.3	3.7	47.6	182.3	4.6	4.0	49.5	177.9	4.7*	4.3
200	50	190	41.6	171.6	3.6	3.0	44.2	171.6	3.9	3.3				
200	50	200	38.0	159.5	3.0	2.4	40.6	159.4	3.3	2.7				
200	50	210	34.1	145.7	2.4		36.6	145.5	2.7					
200	60	50	79.6	262.4	21.5*	21.5*								
200	60	60	77.3	260.3	20.9*	20.9*								
200	60	70	75.1	257.8	19.7*	19.7*	78.4	257.3	17.3*	17.3*				
200	60	80	72.8	254.8	18.1*	18.1*	76.1	254.4	16.1*	16.1*	79.1	251.0	10.5*	10.5*
200	60	90	70.4	251.5	16.6*	16.6*	73.8	251.2	14.9*	14.9*	76.7	247.7	9.1*	9.1*
200	60	100	68.1	247.6	15.2	14.0	71.4	247.4	13.8*	13.8*	74.3	243.9	8.5*	8.5*
200	60	110	65.7	243.3	12.9	11.8	69.0	243.2	12.4*	12.4*	71.8	239.6	8.0*	8.0*
200	60	120	63.2	238.5	11.0	10.1	66.5	238.4	11.0*	10.9	69.3	234.8	7.5*	7.5*
200	60	130	60.7	233.1	9.5	8.6	64.0	233.2	9.5*	9.3	66.7	229.4	6.8*	6.8*
200	60	140	58.2	227.2	8.2	7.3	61.4	227.3	8.6*	8.0	64.1	223.4	6.0*	6.0*
200	60	150	55.6	220.6	7.0	6.2	58.8	220.8	7.6	6.8	61.4	216.7	5.3*	5.3*
200	60	160	52.8	213.4	6.0	5.3	56.0	213.5	6.6	5.8	58.6	209.4	4.8*	4.8*
200	60	170	50.0	205.3	5.2	4.5	53.2	205.5	5.6	4.9	55.6	201.1	4.2*	4.2*
200	60	180	47.1	196.5	4.4	3.7	50.2	196.7	4.8	4.2	52.5	192.0	3.8*	3.8*
200	60	190	44.0	186.6	3.7	3.1	47.1	186.8	4.1	3.5	49.3	181.8	3.5*	3.5*
200	60	200	40.7	175.6	3.1	2.5	43.8	175.7	3.4	2.8				
200	60	210	37.2	163.2	2.5	2.0	40.2	163.2	2.8	2.3				
200	60	220	33.4	149.0	2.0		36.3	148.9	2.3					
200	70	50	80.0	272.7	18.9*	18.9*								
200	70	60	77.8	270.8	18.3*	18.3*								
200	70	70	75.6	268.4	17.8*	17.8*	79.4	268.0	15.5*	15.5*				
200	70	80	73.4	265.6	16.2*	16.2*	77.2	265.3	14.2*	14.2*				
200	70	90	71.2	262.4	14.8*	14.8*	74.9	262.3	13.2*	13.2*	78.3	258.5	9.2*	9.2*
200	70	100	68.9	258.8	13.6*	13.6*	72.7	258.7	12.2*	12.2*	76.0	255.0	8.2*	8.2*
200	70	110	66.6	254.7	12.5*	11.9	70.4	254.7	11.3*	11.3*	73.6	250.9	7.4*	7.4*
200	70	120	64.3	250.1	11.1	10.1	68.0	250.2	10.3*	10.3*	71.2	246.4	6.5*	6.5*
200	70	130	61.9	245.1	9.6	8.7	65.6	245.3	9.2*	9.2*	68.8	241.3	5.6*	5.6*
200	70	140	59.5	239.4	8.2	7.4	63.1	239.7	8.1*	8.2	66.2	235.6	5.0*	5.0*
200	70	150	57.0	233.2	7.1	6.3	60.6	233.6	7.3*	7.0	63.6	229.4	4.4*	4.4*
200	70	160	54.4	226.4	6.1	5.4	58.0	226.8	6.5*	6.0	61.0	222.4	3.9*	3.9*
200	70	170	51.8	218.9	5.2	4.5	55.4	219.3	5.8	5.1	58.2	214.7	3.5*	3.5*
200	70	180	49.0	210.6	4.5	3.8	52.6	211.1	5.0	4.3	55.3	206.2	3.1*	3.1*
200	70	190	46.2	201.5	3.8	3.2	49.7	201.9	4.2	3.6	52.3	196.7	2.7*	2.7*
200	70	200	43.1	191.4	3.2	2.6	46.6	191.8	3.6	3.0	49.1	186.2	2.5*	2.5*
200	70	210	39.9	180.1	2.6	2.1	43.3	180.4	3.0	2.4	45.7	174.2	2.2*	2.2*
200	70	220	36.5	167.4	2.1		39.9	167.6	2.4					



Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
210	30	50	78.7	242.1	29.6*	29.6*								
210	30	60	76.2	239.9	28.9*	28.9*	78.1	239.6	26.0*	26.0*	79.7	237.6	21.6*	21.6*
210	30	70	73.8	237.2	25.5	23.7	75.6	236.9	25.3*	24.6	77.2	234.9	20.5*	20.5*
210	30	80	71.3	234.0	21.0	19.5	73.1	233.8	21.8	20.2	74.6	231.8	19.5*	19.5*
210	30	90	68.7	230.4	17.4	16.1	70.5	230.2	18.1	16.7	72.0	228.2	18.6*	17.3
210	30	100	66.1	226.2	14.6	13.4	67.9	226.1	15.1	14.0	69.4	224.0	15.6	14.4
210	30	110	63.5	221.5	12.3	11.2	65.3	221.4	12.8	11.7	66.7	219.3	13.2	12.1
210	30	120	60.8	216.2	10.4	9.5	62.6	216.1	10.9	9.9	64.0	214.0	11.2	10.3
210	30	130	58.0	210.3	8.9	8.0	59.8	210.2	9.3	8.4	61.1	208.0	9.6	8.7
210	30	140	55.2	203.7	7.5	6.7	56.9	203.6	7.9	7.1	58.2	201.3	8.2	7.3
210	30	150	52.2	196.3	6.4	5.6	53.9	196.3	6.7	5.9	55.2	193.8	6.9	6.2
210	30	160	49.1	188.1	5.4	4.7	50.8	188.1	5.7	5.0	52.0	185.5	5.9	5.2
210	30	170	45.9	178.9	4.5	3.9	47.5	178.9	4.8	4.1	48.7	176.1	5.0	4.3
210	30	180	42.5	168.6	3.8	3.1	44.1	168.6	4.0	3.3				
210	30	190	38.8	156.9	3.1	2.5	40.4	156.8	3.3	2.7				
210	30	200	34.8	143.5	2.5		36.4	143.4	2.6					
210	40	50	79.2	252.1	26.5*	26.5*								
210	40	60	76.8	250.0	25.9*	25.9*	79.1	249.4	23.3*	23.3*				
210	40	70	74.4	247.3	25.3*	23.8	76.8	246.9	22.3*	22.3*	78.8	244.2	16.7*	16.7*
210	40	80	72.0	244.3	21.1	19.6	74.3	243.9	21.0*	20.6	76.4	241.2	15.9*	15.9*
210	40	90	69.6	240.8	17.5	16.2	71.9	240.4	18.4	17.1	73.9	237.7	15.2*	15.2*
210	40	100	67.2	236.7	14.7	13.5	69.4	236.5	15.5	14.3	71.4	233.7	14.1*	14.1*
210	40	110	64.6	232.2	12.4	11.4	66.9	232.0	13.1	12.0	68.8	229.2	12.4*	12.4*
210	40	120	62.1	227.1	10.6	9.6	64.3	227.0	11.2	10.2	66.2	224.2	10.9*	10.7
210	40	130	59.5	221.5	9.0	8.1	61.7	221.4	9.5	8.6	63.5	218.5	9.6*	9.1
210	40	140	56.8	215.2	7.7	6.8	59.0	215.1	8.1	7.3	60.7	212.1	8.5	7.7
210	40	150	54.0	208.3	6.5	5.8	56.2	208.2	6.9	6.2	57.9	205.1	7.3	6.5
210	40	160	51.1	200.5	5.5	4.8	53.3	200.5	5.9	5.2	54.9	197.2	6.2	5.5
210	40	170	48.1	192.0	4.7	4.0	50.2	191.9	5.0	4.3	51.8	188.5	5.2	4.6
210	40	180	44.9	182.4	3.9	3.3	47.0	182.4	4.2	3.6	48.5	178.7	4.4	3.8
210	40	190	41.6	171.7	3.2	2.6	43.7	171.7	3.5	2.9				
210	40	200	38.0	159.7	2.6	2.0	40.0	159.5	2.8	2.2				
210	40	210	34.1	145.9	2.1		36.1	145.6	2.2					
210	50	50	79.6	262.3	24.0*	24.0*								
210	50	60	77.3	260.2	23.4*	23.4*								
210	50	70	75.1	257.7	22.7*	22.7*	77.8	257.1	19.5*	19.5*				
210	50	80	72.8	254.7	20.2*	19.7	75.5	254.2	18.2*	18.2*	78.0	251.1	12.8*	12.8*
210	50	90	70.4	251.3	17.6	16.3	73.2	250.9	17.0*	17.0*	75.6	247.7	12.0*	12.0*
210	50	100	68.1	247.5	14.8	13.6	70.8	247.2	15.7	14.6	73.2	243.9	11.4*	11.4*
210	50	110	65.7	243.1	12.5	11.5	68.4	242.9	13.4	12.3	70.8	239.6	10.2*	10.2*
210	50	120	63.2	238.3	10.7	9.7	66.0	238.1	11.4	10.4	68.3	234.8	8.9*	8.9*
210	50	130	60.7	232.9	9.1	8.2	63.4	232.8	9.8	8.9	65.7	229.4	8.0*	8.0*
210	50	140	58.2	227.0	7.8	6.9	60.9	226.9	8.4	7.5	63.1	223.4	7.0*	7.0*
210	50	150	55.6	220.4	6.6	5.9	58.2	220.4	7.2	6.4	60.3	216.7	6.2*	6.2*
210	50	160	52.8	213.1	5.6	4.9	55.5	213.1	6.1	5.4	57.5	209.3	5.5*	5.5*
210	50	170	50.0	205.1	4.8	4.1	52.6	205.1	5.2	4.5	54.6	201.1	5.0*	4.8
210	50	180	47.1	196.2	4.0	3.4	49.7	196.2	4.4	3.7	51.6	192.0	4.4*	4.0
210	50	190	44.0	186.3	3.3	2.7	46.5	186.3	3.7	3.1	48.3	181.8	3.9	3.3

# LS-238H Tubular Jib Capacities

Capacities shown in thousands of pounds

Boom Length (feet)	Jib Length (feet)	Jib Load Radius (feet)	Jib Angle to Boom											
			0 Degrees				15 Degrees				30 Degrees			
			Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.	Boom Angle (deg)	Jib Pt. Height (feet)	ABC+ 20,000# Cwt.	ABC+0 Cwt.
210	50	200	40.7	175.3	2.7	2.1	43.2	175.3	3.0	2.4				
210	50	210	37.2	162.9	2.2		39.7	162.8	2.4					
210	60	50	80.0	272.5	21.6*	21.6*								
210	60	60	77.8	270.5	21.1*	21.1*								
210	60	70	75.6	268.1	19.6*	19.6*	78.9	267.6	17.2*	17.2*				
210	60	80	73.4	265.3	17.9*	17.9*	76.6	264.9	16.0*	16.0*	79.5	261.3	10.8*	10.8*
210	60	90	71.2	262.1	16.5*	16.4	74.4	261.7	14.8*	14.8*	77.3	258.2	9.4*	9.4*
210	60	100	68.9	258.4	14.9	13.7	72.1	258.1	13.8*	13.8*	74.9	254.6	8.6*	8.6*
210	60	110	66.6	254.3	12.6	11.6	69.8	254.1	12.3*	12.3*	72.6	250.5	8.2*	8.2*
210	60	120	64.3	249.7	10.8	9.8	67.5	249.6	10.9*	10.6	70.2	245.9	7.4*	7.4*
210	60	130	61.9	244.6	9.2	8.3	65.1	244.5	9.7*	9.1	67.7	240.8	6.5*	6.5*
210	60	140	59.5	238.9	7.9	7.0	62.6	238.9	8.6	7.7	65.2	235.1	5.7*	5.7*
210	60	150	57.0	232.7	6.7	6.0	60.1	232.8	7.4	6.6	62.6	228.8	5.0*	5.0*
210	60	160	54.4	225.8	5.7	5.0	57.5	225.9	6.3	5.6	60.0	221.8	4.4*	4.4*
210	60	170	51.8	218.3	4.9	4.2	54.8	218.4	5.4	4.7	57.2	214.1	4.0*	4.0*
210	60	180	49.0	209.9	4.1	3.5	52.0	210.1	4.6	3.9	54.4	205.6	3.6*	3.6*
210	60	190	46.2	200.8	3.4	2.8	49.1	200.9	3.8	3.2	51.3	196.1	3.2*	3.2*
210	60	200	43.1	190.6	2.8	2.2	46.1	190.8	3.2	2.6	48.2	185.5	2.9*	2.9*
210	60	210	39.9	179.3	2.2		42.8	179.4	2.6					
210	70	60	78.2	281.0	18.5*	18.5*								
210	70	70	76.1	278.7	17.7*	17.7*	79.8	278.3	15.4*	15.4*				
210	70	80	74.0	276.0	16.1*	16.1*	77.7	275.7	14.2*	14.2*				
210	70	90	71.9	273.0	14.7*	14.7*	75.5	272.8	13.1*	13.1*	78.8	269.0	9.3*	9.3*
210	70	100	69.7	269.5	13.5*	13.5*	73.3	269.4	12.1*	12.1*	76.5	265.6	8.2*	8.2*
210	70	110	67.5	265.6	12.5*	11.6	71.1	265.5	10.9*	10.9*	74.3	261.7	7.1*	7.1*
210	70	120	65.3	261.2	10.8	9.9	68.9	261.2	9.5*	9.5*	72.0	257.3	6.2*	6.2*
210	70	130	63.0	256.3	9.3	8.4	66.6	256.5	8.5*	8.5*	69.6	252.5	5.3*	5.3*
210	70	140	60.7	251.0	7.9	7.1	64.2	251.2	7.6*	7.6*	67.2	247.1	4.7*	4.7*
210	70	150	58.3	245.1	6.8	6.0	61.8	245.4	6.8*	6.8	64.8	241.2	4.2*	4.2*
210	70	160	55.9	238.6	5.8	5.1	59.4	238.9	6.0*	5.7	62.2	234.6	3.7*	3.7*
210	70	170	53.4	231.5	4.9	4.3	56.8	231.9	5.4*	4.9	59.6	227.3	3.2*	3.2*
210	70	180	50.8	223.7	4.2	3.5	54.2	224.1	4.7	4.1	56.9	219.3	2.9*	2.9*
210	70	190	48.1	215.1	3.5	2.9	51.5	215.6	4.0	3.4	54.1	210.5	2.6*	2.6*
210	70	200	45.3	205.7	2.9	2.3	48.6	206.1	3.3	2.7	51.1	200.7	2.3*	2.3*
210	70	210	42.3	195.3	2.3		45.6	195.7	2.7		48.0	189.8	2.1*	

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## LS-238H Tubular Jib Capacity Notes:

1. Capacities are for an LS-238H with "ABC" (69,000 lbs. - 31 298 kg) counterweight, 26' (7.92 m) live mast, and 1-3/8" (35 mm) diameter pendants.
2. Capacities are shown in thousands of pounds and are not more than 75% of the tipping loads with the machine standing level on a firm supporting surface.
3. Capacities are limited to a Link-Belt 62" x 70" (1.57 x 1.78 m) cross-section open throat tube boom and a 30" x 36" (.75 x .91 m) cross-section tube jib with a jib strut properly assembled.
4. Two parts of 7/8" (22 mm) diameter L-BS Type "RB" wire rope are required for maximum lift. For single part operation, 7/8" (22 mm) diameter L-BS Type "RB" wire rope is recommended.
5. Capacities are for 30' (9.14 m) thru 70' (21.34 m) jib lengths.
6. The maximum boom and jib combination is: 210' (64.01 m) boom + 70' (21.34 m) jib.
7. The least stable condition is over the side.
8. Booms must be erected and lowered over the end.
9. Those capacities followed by an asterisk (\*) are governed by factors other than those that would cause a tipping condition.
10. A deduction must be made from the jib capacities for weights of hook blocks, hooks, slings, grapples, load weighing devices, etc.
11. When using the main hook, while a jib is attached, reduce the main boom capacities by the following values:
  - a) 30' (9.14 m) jib - 2,200 lbs. (998 kg)
  - b) 40' (12.19 m) jib - 2,500 lbs. (1 134 kg)
  - c) 50' (15.24 m) jib - 2,900 lbs. (1 315 kg)
  - d) 60' (18.29 m) jib - 3,200 lbs. (1 452 kg)
  - e) 70' (21.34 m) jib - 3,500 lbs. (1 588 kg)
12. Refer to all notes on applicable lifting crane capacities in the crane rating manual in addition to these notes.
13. These capacities apply only to the crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

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# LS-238H Tube Boom Working Range

**Link-Belt Construction Equipment Company** Lexington, Kentucky

A unit of Sumitomo Construction Machinery Co., Ltd.

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