

Link-Belt®

CONSTRUCTION EQUIPMENT

LS-218H II

LIST CAPACITIES

- 50" x 60" "HX" WALL TUBULAR BOOM
- 20' OPEN THROAT PEAK SECTION
- 1.38" DIAMETER DUAL PENDANTS
- WITH LIVE MAST
- 14'6" GAUGE
- OVERALL LENGTH 20'-10.6"

For Replacement, Order Part Number J2P0019.
02/14/00

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GENERAL INFORMATION ONLY

Table of Contents

LIST CAPACITY NOTES	3
OPEN THROAT BOOM LIST CAPACITIES	
"A" Counterweight.	5-11
"AB" Counterweight.	12-22

GENERAL INFORMATION ONLY

LIST CAPACITY NOTES

1. All list capacities as shown on this capacity chart are applicable to crane list (not support vessel list). Crane list is an out-of-level condition to the side of the crane as defined by the angle between horizontal and a line drawn through the centerline of the boom foot pins.
2. Crane trim does not affect capacity but does affect load radius. Minimum load radius will be limited by the boom backstops and the boom hoist up limit switch.
3. Crane trim is an out of level condition to the front or rear of the crane upper as defined by the angle between horizontal and the crane supporting surface.
4. The crane owner and/or the crane user shall have the crane support vessel fully certified and approved to work within the limits listed on this capacity chart.
5. The crane shall be blocked and/or secured to prevent shifting or sliding.
6. All notes listed in the original crane rating manual supplied with the machine must be followed.

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 40 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
10.16	82.0	127,400	87,400	67,400	44,900	10.16
11	80.8	127,400	87,400	67,400	44,900	11
12	79.3	127,400	87,400	67,400	44,900	12
13	77.9	127,400	87,400	67,400	44,900	13
14	76.4	127,400	87,400	67,400	44,900	14
15	74.9	127,400	87,400	67,400	44,900	15
16	73.4	127,400	87,400	67,400	44,900	16
17	71.9	127,400	87,400	67,400	44,900	17
18	70.4	127,400	87,400	67,400	44,900	18
19	68.9	127,400	87,400	67,400	44,900	19
20	67.3	121,800	87,400	67,400	44,900	20
25	59.3	86,200	86,200	67,400	44,900	25
30	50.6	66,300	66,300	66,300	44,900	30
35	40.5	53,600	53,600	53,600	44,900	35
40	27.7	44,700	44,700	44,700	44,700	40

MAIN BOOM CAPACITIES - 50 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
11.55	82.0	113,900	81,400	62,700	42,700	11.55
12	81.5	113,900	81,400	62,700	42,700	12
13	80.3	113,900	81,400	62,700	42,700	13
14	79.2	113,900	81,400	62,700	42,700	14
15	78.0	113,900	81,400	62,700	42,700	15
16	76.8	113,900	81,400	62,700	42,700	16
17	75.6	113,900	81,400	62,700	42,700	17
18	74.4	113,900	81,400	62,700	42,700	18
19	73.3	113,900	81,400	62,700	42,700	19
20	72.1	113,900	81,400	62,700	42,700	20
25	65.9	86,500	81,400	62,700	42,700	25
30	59.5	66,500	66,500	62,700	42,700	30
35	52.5	53,800	53,800	53,800	42,700	35
40	44.9	44,900	44,900	44,900	42,700	40
50	24.8	33,400	33,400	33,400	33,400	50

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 60 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
12.94	82.0	109,100	76,600	60,300	41,600	12.94
13	81.9	109,100	76,600	60,300	41,600	13
14	81.0	109,100	76,600	60,300	41,600	14
15	80.0	109,100	76,600	60,300	41,600	15
16	79.0	107,700	76,600	60,300	41,600	16
17	78.1	107,700	76,600	60,300	41,600	17
18	77.1	107,700	76,600	60,300	41,600	18
19	76.1	107,700	76,600	60,300	41,600	19
20	75.1	107,700	76,600	60,300	41,600	20
25	70.1	86,600	76,600	60,300	41,600	25
30	64.9	66,600	66,600	60,300	40,500	30
35	59.6	53,800	53,800	53,800	40,500	35
40	53.8	45,000	45,000	45,000	40,500	40
50	40.8	33,500	33,500	33,500	33,500	50
60	22.6	26,300	26,300	26,300	26,300	60

MAIN BOOM CAPACITIES - 70 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
14.34	82.0	100,600	73,100	56,900	39,400	14.34
15	81.5	100,600	73,100	56,900	39,400	15
16	80.6	100,600	73,100	56,900	39,400	16
17	79.8	100,600	73,100	56,900	39,400	17
18	79.0	100,600	73,100	56,900	39,400	18
19	78.1	100,600	73,100	56,900	39,400	19
20	77.3	100,600	73,100	56,900	39,400	20
25	73.1	86,600	73,100	56,900	39,400	25
30	68.7	66,600	66,600	55,500	39,400	30
35	64.3	53,800	53,800	53,800	39,400	35
40	59.6	45,000	45,000	45,000	38,400	40
50	49.6	33,500	33,500	33,500	33,500	50
60	37.7	26,300	26,300	26,300	26,300	60
70	20.9	21,400	21,400	21,400	21,400	70

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 80 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
15.73	82.0	88,700	64,900	51,200	36,200	15.73
16	81.8	88,700	64,900	51,200	36,200	16
17	81.1	88,700	64,900	51,200	36,200	17
18	80.4	86,500	64,900	51,200	36,200	18
19	79.6	86,500	64,900	51,200	36,200	19
20	78.9	86,500	64,900	51,200	36,200	20
25	75.2	84,300	63,300	49,900	35,300	25
30	71.5	66,500	63,300	49,900	35,300	30
35	67.7	53,800	53,800	48,600	35,300	35
40	63.7	44,900	44,900	44,900	34,400	40
50	55.4	33,400	33,400	33,400	33,400	50
60	46.2	26,200	26,200	26,200	26,200	60
70	35.2	21,300	21,300	21,300	21,300	70
80	19.5	17,800	17,800	17,800	17,800	80

MAIN BOOM CAPACITIES - 90 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
17.12	82.0	80,600	60,600	48,100	34,400	17.12
18	81.4	80,600	60,600	48,100	34,400	18
19	80.8	80,600	60,600	48,100	34,400	19
20	80.1	80,600	60,600	48,100	34,400	20
25	76.9	78,600	59,100	46,900	33,500	25
30	73.6	66,500	59,100	46,900	33,500	30
35	70.3	53,700	53,700	45,700	32,700	35
40	66.8	44,800	44,800	44,800	32,700	40
50	59.7	33,300	33,300	33,300	31,900	50
60	52.0	26,100	26,100	26,100	26,100	60
70	43.4	21,200	21,200	21,200	21,200	70
80	33.1	17,700	17,700	17,700	17,700	80
90	18.4	14,900	14,900	14,900	14,900	90

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 100 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
18.51	82.0	74,400	55,700	45,700	32,600	18.51
19	81.7	74,400	55,700	45,700	32,600	19
20	81.1	74,400	55,700	45,100	32,600	20
25	78.2	72,600	54,300	44,000	31,700	25
30	75.3	66,300	53,600	44,000	31,700	30
35	72.3	53,500	52,300	42,900	30,900	35
40	69.3	44,700	44,700	41,800	29,400	40
50	63.0	33,100	33,100	33,100	28,700	50
60	56.4	26,000	26,000	26,000	26,000	60
70	49.2	21,100	21,100	21,100	21,100	70
80	41.1	17,600	17,600	17,600	17,600	80
90	31.3	14,800	14,800	14,800	14,800	90
100	17.4	12,700	12,700	12,700	12,700	100

MAIN BOOM CAPACITIES - 110 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
19.9	82.0	68,300	52,100	42,100	30,800	19.9
20	81.9	68,300	52,100	42,100	30,800	20
25	79.3	67,500	50,800	41,600	29,300	25
30	76.6	65,800	49,500	40,500	28,600	30
35	74.0	53,400	48,900	40,000	27,800	35
40	71.2	44,500	44,500	39,000	27,800	40
50	65.6	33,000	33,000	33,000	27,100	50
60	59.8	25,800	25,800	25,800	25,800	60
70	53.5	20,900	20,900	20,900	20,900	70
80	46.7	17,400	17,400	17,400	17,400	80
90	39.1	14,700	14,700	14,700	14,700	90
100	29.8	12,600	12,600	12,600	12,600	100
110	16.6	10,800	10,800	10,800	10,800	110

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 120 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
21.29	82.0	63,300	48,300	39,500	27,600	21.29
25	80.2	62,500	47,700	38,500	27,600	25
30	77.8	60,900	46,500	38,000	26,900	30
35	75.3	53,300	45,300	37,100	26,300	35
40	72.8	44,400	44,400	36,600	25,600	40
50	67.8	32,800	32,800	32,800	25,000	50
60	62.5	25,700	25,700	25,700	24,300	60
70	57.0	20,800	20,800	20,800	20,800	70
80	51.1	17,200	17,200	17,200	17,200	80
90	44.6	14,500	14,500	14,500	14,500	90
100	37.3	12,400	12,400	12,400	12,400	100
110	28.6	10,700	10,700	10,700	10,700	110
120	15.9	9,300	9,300	9,300	9,300	120

MAIN BOOM CAPACITIES - 130 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
22.69	82.0	57,700	45,200	37,100	25,800	22.69
25	81.0	57,000	44,100	36,200	25,800	25
30	78.7	55,600	43,000	35,300	25,200	30
35	76.5	53,100	42,400	34,800	24,600	35
40	74.2	44,200	41,400	34,000	24,000	40
50	69.6	32,700	32,700	32,700	23,400	50
60	64.8	25,500	25,500	25,500	22,800	60
70	59.8	20,600	20,600	20,600	20,600	70
80	54.5	17,100	17,100	17,100	17,100	80
90	48.9	14,400	14,400	14,400	14,400	90
100	42.8	12,200	12,200	12,200	12,200	100
110	35.8	10,500	10,500	10,500	10,500	110
120	27.4	9,100	9,100	9,100	9,100	120
130	15.3	7,900	7,900	7,900	7,900	130

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 140 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
24.08	82.0	52,800	41,500	34,000	24,000	24.08
25	81.6	52,800	41,500	34,000	24,000	25
30	79.5	51,500	40,500	33,200	23,400	30
35	77.5	50,200	39,500	32,400	22,900	35
40	75.4	44,100	38,500	31,500	22,900	40
50	71.1	32,500	32,500	30,800	21,700	50
60	66.7	25,300	25,300	25,300	21,200	60
70	62.1	20,400	20,400	20,400	20,400	70
80	57.4	16,900	16,900	16,900	16,900	80
90	52.4	14,200	14,200	14,200	14,200	90
100	47.0	12,100	12,100	12,100	12,100	100
110	41.2	10,400	10,400	10,400	10,400	110
120	34.5	8,900	8,900	8,900	8,900	120
130	26.4	7,800	7,800	7,800	7,800	130
140	14.7	6,700	6,700	6,700	6,700	140

MAIN BOOM CAPACITIES - 150 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
25.47	82.0	49,000	38,400	32,100	22,700	25.47
30	80.2	47,800	37,400	31,300	22,200	30
35	78.3	46,600	36,500	30,500	21,600	35
40	76.3	43,900	35,500	28,200	21,100	40
50	72.4	32,300	32,300	27,500	20,000	50
60	68.3	25,100	25,100	25,100	19,500	60
70	64.1	20,200	20,200	20,200	18,800	70
80	59.8	16,700	16,700	16,700	16,700	80
90	55.3	14,000	14,000	14,000	14,000	90
100	50.5	11,900	11,900	11,900	11,900	100
110	45.4	10,200	10,200	10,200	10,200	110
120	39.7	8,800	8,800	8,800	8,800	120
130	33.3	7,600	7,600	7,600	7,600	130
140	25.5	6,600	6,600	6,600	6,600	140
150	14.2	5,700	5,700	5,700	5,700	150

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 160 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
26.86	82.0	44,900	35,600	28,100	21,200	26.86
30	80.9	44,400	35,100	28,100	20,700	30
35	79.0	43,300	34,200	27,400	20,100	35
40	77.2	42,200	33,400	26,700	19,600	40
50	73.5	32,100	31,700	25,300	18,700	50
60	69.7	24,900	24,900	24,400	18,200	60
70	65.9	20,000	20,000	20,000	17,300	70
80	61.9	16,500	16,500	16,500	16,500	80
90	57.7	13,800	13,800	13,800	13,800	90
100	53.4	11,700	11,700	11,700	11,700	100
110	48.8	10,000	10,000	10,000	10,000	110
120	43.8	8,600	8,600	8,600	8,600	120
130	38.4	7,400	7,400	7,400	7,400	130
140	32.2	6,400	6,400	6,400	6,400	140
150	24.7	5,500	5,500	5,500	5,500	150
160	13.8	4,700	4,700	4,700	4,700	160

MAIN BOOM CAPACITIES - 170 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
28.25	82.0	41,900	33,100	26,200	18,100	28.25
30	81.4	41,300	32,700	26,200	18,100	30
35	79.7	40,300	31,900	25,200	17,600	35
40	78.0	38,800	31,100	24,600	17,600	40
50	74.5	31,900	29,500	23,400	17,200	50
60	71.0	24,800	24,700	22,500	16,800	60
70	67.4	19,900	19,800	19,800	15,900	70
80	63.7	16,300	16,300	16,300	15,300	80
90	59.8	13,600	13,600	13,600	13,600	90
100	55.9	11,500	11,500	11,500	11,500	100
110	51.7	9,800	9,800	9,800	9,800	110
120	47.2	8,400	8,400	8,400	8,400	120
130	42.5	7,200	7,200	7,200	7,200	130
140	37.2	6,200	6,200	6,200	6,200	140
150	31.2	5,300	5,300	5,300	5,300	150
160	23.9	4,500	4,500	4,500	4,500	160
170	13.3	3,900	3,900	3,900	3,900	170

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 180 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
29.64	82.0	38,400	29,700	22,800	15,300	29.64
30	81.9	38,400	29,700	22,800	15,300	30
35	80.3	37,000	29,700	22,800	14,900	35
40	78.7	36,000	27,400	22,800	14,900	40
50	75.4	31,800	26,100	21,600	14,900	50
60	72.1	24,600	24,600	20,800	14,900	60
70	68.7	19,700	19,600	19,600	14,500	70
80	65.2	16,100	16,100	16,100	14,200	80
90	61.7	13,400	13,400	13,400	13,400	90
100	58.0	11,300	11,300	11,300	11,300	100
110	54.2	9,600	9,600	9,600	9,600	110
120	50.1	8,200	8,200	8,200	8,200	120
130	45.8	7,000	7,000	7,000	7,000	130
140	41.2	6,000	6,000	6,000	6,000	140
150	36.1	5,100	5,100	5,100	5,100	150
160	30.3	4,400	4,400	4,400	4,400	160
170	23.2	3,700	3,700	3,700	3,700	170
180	13.0	3,100	3,100	3,100	3,100	180

MAIN BOOM CAPACITIES - 190 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
31.04	82.0	34,600	25,200	19,600	12,700	31.04
35	80.8	34,600	25,200	19,600	12,700	35
40	79.3	33,700	24,900	19,600	12,700	40
50	76.2	31,600	24,300	19,100	12,400	50
60	73.0	24,400	23,000	19,100	12,400	60
70	69.9	19,500	19,400	18,400	12,400	70
80	66.6	15,900	15,900	15,900	12,100	80
90	63.3	13,200	13,200	13,200	12,100	90
100	59.9	11,100	11,100	11,100	11,100	100
110	56.3	9,400	9,400	9,400	9,400	110
120	52.6	8,000	8,000	8,000	8,000	120
130	48.7	6,800	6,800	6,800	6,800	130
140	44.5	5,800	5,800	5,800	5,800	140
150	40.1	4,900	4,900	4,900	4,900	150
160	35.1	4,100	4,100	4,100	4,100	160
170	29.5	3,500	3,500	3,500	3,500	170
180	22.6	2,900	2,900	2,900	2,900	180
190	12.6	2,300	2,300	2,300	2,300	190

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 200 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
32.43	82.0	30,600	21,900	16,900	10,600	32.43
35	81.3	30,600	21,900	16,900	10,600	35
40	79.8	29,100	21,900	16,700	10,400	40
50	76.9	28,000	21,300	16,500	10,400	50
60	73.9	24,200	21,100	16,300	10,100	60
70	70.9	19,300	19,200	16,000	10,100	70
80	67.8	15,700	15,700	15,700	10,100	80
90	64.7	13,000	13,000	13,000	9,800	90
100	61.5	10,900	10,900	10,900	9,800	100
110	58.2	9,200	9,200	9,200	9,100	110
120	54.8	7,700	7,700	7,700	7,700	120
130	51.2	6,600	6,600	6,600	6,600	130
140	47.4	5,600	5,600	5,600	5,600	140
150	43.4	4,700	4,700	4,700	4,700	150
160	39.0	3,900	3,900	3,900	3,900	160
170	34.2	3,300	3,300	3,300	3,300	170
180	28.7	2,700	2,700	2,700	2,700	180
190	22.0	2,200	2,200	2,200	2,200	190
200	12.3	-----	-----	-----	-----	200

MAIN BOOM CAPACITIES - 210 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
33.82	82.0	26,200	19,000	14,300	8,700	33.82
35	81.7	26,200	19,000	14,300	8,700	35
40	80.3	25,900	19,000	14,300	8,500	40
50	77.5	25,200	18,600	14,000	8,500	50
60	74.7	23,900	18,300	14,000	8,300	60
70	71.9	19,000	17,900	13,600	8,300	70
80	69.0	15,500	15,500	13,500	8,100	80
90	66.0	12,800	12,800	12,800	8,100	90
100	63.0	10,600	10,600	10,600	8,100	100
110	59.9	8,900	8,900	8,900	7,900	110
120	56.7	7,500	7,500	7,500	7,500	120
130	53.3	6,300	6,300	6,300	6,300	130
140	49.8	5,300	5,300	5,300	5,300	140
150	46.2	4,500	4,500	4,500	4,500	150
160	42.3	3,700	3,700	3,700	3,700	160
170	38.0	3,000	3,000	3,000	3,000	170
180	33.4	2,500	2,500	2,500	2,500	180
190	28.0	-----	-----	-----	-----	190
200	21.5	-----	-----	-----	-----	200
210	12.0	-----	-----	-----	-----	210

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 220 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
35.21	82.0	22,900	16,600	12,300	7,000	35.21
40	80.7	22,900	16,400	12,300	7,000	40
50	78.1	22,300	16,000	12,000	6,800	50
60	75.4	21,800	15,800	11,800	6,800	60
70	72.7	18,800	15,400	11,500	6,600	70
80	70.0	15,300	15,200	11,500	6,600	80
90	67.2	12,500	12,500	11,200	6,400	90
100	64.3	10,400	10,400	10,400	6,300	100
110	61.4	8,700	8,700	8,700	6,300	110
120	58.4	7,300	7,300	7,300	6,100	120
130	55.2	6,100	6,100	6,100	5,700	130
140	52.0	5,100	5,100	5,100	4,700	140
150	48.6	4,200	4,200	4,200	3,700	150
160	45.1	3,500	3,500	3,500	2,900	160
170	41.2	2,800	2,800	2,800	2,100	170
180	37.1	2,200	2,200	2,000	-----	180
190	32.6	-----	-----	-----	-----	190
200	27.4	-----	-----	-----	-----	200
210	21.0	-----	-----	-----	-----	210
220	11.7	-----	-----	-----	-----	220

MAIN BOOM CAPACITIES - 230 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - AB COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
36.6	82.0	20,300	14,400	10,500	5,500	36.6
40	81.1	20,100	14,400	10,500	5,500	40
50	78.6	19,600	14,000	10,200	5,300	50
60	76.1	19,100	13,700	10,000	5,300	60
70	73.5	18,600	13,300	9,700	5,100	70
80	70.9	15,000	13,000	9,500	5,100	80
90	68.2	12,300	12,300	9,500	4,900	90
100	65.5	10,200	10,200	9,200	4,900	100
110	62.7	8,500	8,500	8,100	4,700	110
120	59.9	7,100	7,100	6,700	4,700	120
130	57.0	5,900	5,900	5,500	4,300	130
140	53.9	4,900	4,900	4,400	3,400	140
150	50.8	4,000	3,800	3,400	2,500	150
160	47.5	3,300	2,900	2,400	-----	160
170	44.0	2,300	-----	-----	-----	170
180	40.3	-----	-----	-----	-----	180
190	36.3	-----	-----	-----	-----	190
200	31.8	-----	-----	-----	-----	200
210	26.7	-----	-----	-----	-----	210
220	20.5	-----	-----	-----	-----	220
230	11.5	-----	-----	-----	-----	230

MAIN BOOM CAPACITIES - 40 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
10.16	82.0	127,400	87,400	67,400	44,900	10.16
11	80.8	127,400	87,400	67,400	44,900	11
12	79.3	127,400	87,400	67,400	44,900	12
13	77.9	127,400	87,400	67,400	44,900	13
14	76.4	127,400	87,400	67,400	44,900	14
15	74.9	127,400	87,400	67,400	44,900	15
16	73.4	127,400	87,400	67,400	44,900	16
17	71.9	118,600	87,400	67,400	44,900	17
18	70.4	107,100	87,400	67,400	44,900	18
19	68.9	97,500	87,400	67,400	44,900	19
20	67.3	89,500	87,400	67,400	44,900	20
25	59.3	63,000	63,000	63,000	44,900	25
30	50.6	48,100	48,100	48,100	44,900	30
35	40.5	38,600	38,600	38,600	38,600	35
40	27.7	32,000	32,000	32,000	32,000	40

MAIN BOOM CAPACITIES - 50 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
11.55	82.0	113,900	81,400	62,700	42,700	11.55
12	81.5	113,900	81,400	62,700	42,700	12
13	80.3	113,900	81,400	62,700	42,700	13
14	79.2	113,900	81,400	62,700	42,700	14
15	78.0	113,900	81,400	62,700	42,700	15
16	76.8	113,900	81,400	62,700	42,700	16
17	75.6	113,900	81,400	62,700	42,700	17
18	74.4	107,500	81,400	62,700	42,700	18
19	73.3	97,900	81,400	62,700	42,700	19
20	72.1	89,800	81,400	62,700	42,700	20
25	65.9	63,200	63,200	62,700	42,700	25
30	59.5	48,400	48,400	48,400	42,700	30
35	52.5	38,900	38,900	38,900	38,900	35
40	44.9	32,300	32,300	32,300	32,300	40
50	24.8	23,600	23,600	23,600	23,600	50

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 60 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
12.94	82.0	109,100	76,600	60,300	41,600	12.94
13	81.9	109,100	76,600	60,300	41,600	13
14	81.0	109,100	76,600	60,300	41,600	14
15	80.0	109,100	76,600	60,300	41,600	15
16	79.0	107,700	76,600	60,300	41,600	16
17	78.1	107,700	76,600	60,300	41,600	17
18	77.1	107,700	76,600	60,300	41,600	18
19	76.1	98,100	76,600	60,300	41,600	19
20	75.1	90,000	76,600	60,300	41,600	20
25	70.1	63,300	63,300	60,300	41,600	25
30	64.9	48,400	48,400	48,400	40,500	30
35	59.6	38,900	38,900	38,900	38,900	35
40	53.8	32,300	32,300	32,300	32,300	40
50	40.8	23,700	23,700	23,700	23,700	50
60	22.6	18,300	18,300	18,300	18,300	60

MAIN BOOM CAPACITIES - 70 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
14.34	82.0	100,600	73,100	56,900	39,400	14.34
15	81.5	100,600	73,100	56,900	39,400	15
16	80.6	100,600	73,100	56,900	39,400	16
17	79.8	100,600	73,100	56,900	39,400	17
18	79.0	100,600	73,100	56,900	39,400	18
19	78.1	98,200	73,100	56,900	39,400	19
20	77.3	90,100	73,100	56,900	39,400	20
25	73.1	63,400	63,400	56,900	39,400	25
30	68.7	48,400	48,400	48,400	39,400	30
35	64.3	38,900	38,900	38,900	38,900	35
40	59.6	32,300	32,300	32,300	32,300	40
50	49.6	23,700	23,700	23,700	23,700	50
60	37.7	18,300	18,300	18,300	18,300	60
70	20.9	14,600	14,600	14,600	14,600	70

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 80 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
15.73	82.0	88,700	64,900	51,200	36,200	15.73
16	81.8	88,700	64,900	51,200	36,200	16
17	81.1	88,700	64,900	51,200	36,200	17
18	80.4	86,500	64,900	51,200	36,200	18
19	79.6	86,500	64,900	51,200	36,200	19
20	78.9	86,500	64,900	51,200	36,200	20
25	75.2	63,300	63,300	49,900	35,300	25
30	71.5	48,400	48,400	48,400	35,300	30
35	67.7	38,800	38,800	38,800	35,300	35
40	63.7	32,200	32,200	32,200	32,200	40
50	55.4	23,600	23,600	23,600	23,600	50
60	46.2	18,300	18,300	18,300	18,300	60
70	35.2	14,600	14,600	14,600	14,600	70
80	19.5	11,900	11,900	11,900	11,900	80

MAIN BOOM CAPACITIES - 90 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
17.12	82.0	80,600	60,600	48,100	34,400	17.12
18	81.4	80,600	60,600	48,100	34,400	18
19	80.8	80,600	60,600	48,100	34,400	19
20	80.1	80,600	60,600	48,100	34,400	20
25	76.9	63,300	59,100	46,900	33,500	25
30	73.6	48,300	48,300	46,900	33,500	30
35	70.3	38,700	38,700	38,700	32,700	35
40	66.8	32,100	32,100	32,100	32,100	40
50	59.7	23,500	23,500	23,500	23,500	50
60	52.0	18,200	18,200	18,200	18,200	60
70	43.4	14,500	14,500	14,500	14,500	70
80	33.1	11,800	11,800	11,800	11,800	80
90	18.4	9,800	9,800	9,800	9,800	90

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 100 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
18.51	82.0	74,400	55,700	45,700	32,600	18.51
19	81.7	74,400	55,700	45,700	32,600	19
20	81.1	74,400	55,700	45,100	32,600	20
25	78.2	63,200	54,300	44,000	31,700	25
30	75.3	48,200	48,200	44,000	31,700	30
35	72.3	38,600	38,600	38,600	30,900	35
40	69.3	32,000	32,000	32,000	29,400	40
50	63.0	23,400	23,400	23,400	23,400	50
60	56.4	18,000	18,000	18,000	18,000	60
70	49.2	14,400	14,400	14,400	14,400	70
80	41.1	11,700	11,700	11,700	11,700	80
90	31.3	9,700	9,700	9,700	9,700	90
100	17.4	8,000	8,000	8,000	8,000	100

MAIN BOOM CAPACITIES - 110 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
19.9	82.0	68,300	52,100	42,100	30,800	19.9
20	81.9	68,300	52,100	42,100	30,800	20
25	79.3	63,100	50,800	41,600	29,300	25
30	76.6	48,100	48,100	40,500	28,600	30
35	74.0	38,500	38,500	38,500	27,800	35
40	71.2	31,800	31,800	31,800	27,800	40
50	65.6	23,200	23,200	23,200	23,200	50
60	59.8	17,900	17,900	17,900	17,900	60
70	53.5	14,200	14,200	14,200	14,200	70
80	46.7	11,500	11,500	11,500	11,500	80
90	39.1	9,500	9,500	9,500	9,500	90
100	29.8	7,900	7,900	7,900	7,900	100
110	16.6	6,600	6,600	6,600	6,600	110

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 120 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
21.29	82.0	63,300	48,300	39,500	27,600	21.29
25	80.2	62,500	47,700	38,500	27,600	25
30	77.8	48,000	46,500	38,000	26,900	30
35	75.3	38,400	38,400	37,100	26,300	35
40	72.8	31,700	31,700	31,700	25,600	40
50	67.8	23,100	23,100	23,100	23,100	50
60	62.5	17,700	17,700	17,700	17,700	60
70	57.0	14,000	14,000	14,000	14,000	70
80	51.1	11,400	11,400	11,400	11,400	80
90	44.6	9,400	9,400	9,400	9,400	90
100	37.3	7,800	7,800	7,800	7,800	100
110	28.6	6,500	6,500	6,500	6,500	110
120	15.9	5,400	5,400	5,400	5,400	120

MAIN BOOM CAPACITIES - 130 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
22.69	82.0	57,700	45,200	37,100	25,800	22.69
25	81.0	57,000	44,100	36,200	25,800	25
30	78.7	47,800	43,000	35,300	25,200	30
35	76.5	38,200	38,200	34,800	24,600	35
40	74.2	31,500	31,500	31,500	24,000	40
50	69.6	22,900	22,900	22,900	22,900	50
60	64.8	17,500	17,500	17,500	17,500	60
70	59.8	13,900	13,900	13,900	13,900	70
80	54.5	11,200	11,200	11,200	11,200	80
90	48.9	9,200	9,200	9,200	9,200	90
100	42.8	7,600	7,600	7,600	7,600	100
110	35.8	6,300	6,300	6,300	6,300	110
120	27.4	5,200	5,200	5,200	5,200	120
130	15.3	4,300	4,300	4,300	4,300	130

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 140 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
24.08	82.0	52,800	41,500	34,000	24,000	24.08
25	81.6	52,800	41,500	34,000	24,000	25
30	79.5	47,700	40,500	33,200	23,400	30
35	77.5	38,100	38,100	32,400	22,900	35
40	75.4	31,400	31,400	31,500	22,900	40
50	71.1	22,700	22,700	22,700	21,700	50
60	66.7	17,300	17,300	17,300	17,300	60
70	62.1	13,700	13,700	13,700	13,700	70
80	57.4	11,000	11,000	11,000	11,000	80
90	52.4	9,000	9,000	9,000	9,000	90
100	47.0	7,400	7,400	7,400	7,400	100
110	41.2	6,100	6,100	6,100	6,100	110
120	34.5	5,100	5,100	5,100	5,100	120
130	26.4	4,200	4,200	4,200	4,200	130
140	14.7	3,400	3,400	3,400	3,400	140

MAIN BOOM CAPACITIES - 150 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
25.47	82.0	49,000	38,400	32,100	22,700	25.47
30	80.2	47,500	37,400	31,300	22,200	30
35	78.3	37,900	36,500	30,500	21,600	35
40	76.3	31,200	31,200	28,200	21,100	40
50	72.4	22,500	22,500	22,500	20,000	50
60	68.3	17,200	17,200	17,200	17,200	60
70	64.1	13,500	13,500	13,500	13,500	70
80	59.8	10,800	10,800	10,800	10,800	80
90	55.3	8,800	8,800	8,800	8,800	90
100	50.5	7,200	7,200	7,200	7,200	100
110	45.4	5,900	5,900	5,900	5,900	110
120	39.7	4,900	4,900	4,900	4,900	120
130	33.3	4,000	4,000	4,000	4,000	130
140	25.5	3,200	3,200	3,200	3,200	140
150	14.2	2,500	2,500	2,500	2,500	150

GENERAL INFORMATION ONLY

MAIN BOOM CAPACITIES - 160 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
26.86	82.0	44,900	35,600	28,100	21,200	26.86
30	80.9	44,400	35,100	28,100	20,700	30
35	79.0	37,700	34,200	27,400	20,100	35
40	77.2	31,000	31,000	26,700	19,600	40
50	73.5	22,400	22,400	22,400	18,700	50
60	69.7	17,000	17,000	17,000	17,000	60
70	65.9	13,300	13,300	13,300	13,300	70
80	61.9	10,600	10,600	10,600	10,600	80
90	57.7	8,600	8,600	8,600	8,600	90
100	53.4	7,000	7,000	7,000	7,000	100
110	48.8	5,700	5,700	5,700	5,700	110
120	43.8	4,700	4,700	4,700	4,700	120
130	38.4	3,800	3,800	3,800	3,800	130
140	32.2	3,000	3,000	3,000	3,000	140
150	24.7	2,400	2,400	2,400	2,400	150
160	13.8	-----	-----	-----	-----	160

MAIN BOOM CAPACITIES - 170 FT OPEN THROAT TUBE BOOM						
Load Radius (ft)	Boom Angle (deg)	360° Rotation - A COUNTERWEIGHT				Load Radius (ft)
		1° List (lb)	2° List (lb)	3° List (lb)	5° List (lb)	
28.25	82.0	41,900	33,100	26,200	18,100	28.25
30	81.4	41,300	32,700	26,200	18,100	30
35	79.7	37,600	31,900	25,200	17,600	35
40	78.0	30,900	30,900	24,600	17,600	40
50	74.5	22,200	22,200	22,200	17,200	50
60	71.0	16,800	16,800	16,800	16,800	60
70	67.4	13,100	13,100	13,100	13,100	70
80	63.7	10,400	10,400	10,400	10,400	80
90	59.8	8,400	8,400	8,400	8,400	90
100	55.9	6,800	6,800	6,800	6,800	100
110	51.7	5,500	5,500	5,500	5,500	110
120	47.2	4,500	4,500	4,500	4,500	120
130	42.5	3,600	3,600	3,600	3,600	130
140	37.2	2,800	2,800	2,800	2,800	140
150	31.2	2,200	2,200	2,200	2,200	150
160	23.9	-----	-----	-----	-----	160
170	13.3	-----	-----	-----	-----	170

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