

Liftcrane Jib Capacities

**Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber**

**Meets
ANSI B30.5
Requirements**



**222
WAGON**

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9186-A**. Lifting capacities for various boom lengths, jib lengths and jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of jib load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. A07956**, jib assembly **No. 911092** and Wire Rope Specification chart **No. 9191-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, ground conditions, condition and inflation of tires (140 PSI minimum), as well as adverse operating conditions and physical machine depreciation.

Loads lifted may increase radius due to tire deflection. This increase must be compensated for by raising boom. Refer to operators manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

JIB POINT ELEVATION: Jib point elevation is vertical distance from ground level to centerline of jib point shaft.

MACHINE EQUIPMENT: Machine equipped with Manitowoc 8 x 4 wagon, 156 in. wheel base, 12 Ft. 0-3/4 in. front and rear axle track, 14.00 x 24 tires, 30-5/8 in. front and rear outrigger extensions, 15 Ft. 6 in. retractable gantry, 10 part boom hoist reeving, two 1-1/4 in. boom pendants, 1st counterweight = 28,500 Lbs., 2nd counterweight = 10,000 Lbs. and 3rd counterweight = 24,800 Lbs.

Maximum capacity on 7/8 in. or 22 mm wire rope is 20,000 Lbs.

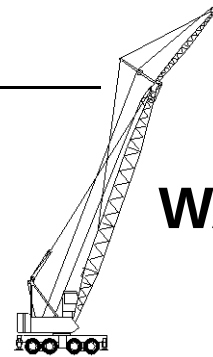
Maximum Boom and Jib Lengths Lifted Unassisted			
Over End or Side of Fully Extended Outriggers		Over End On Rubber	
Boom Length	Jib No. 10	Boom Length	Jib No. 10
200 Ft.	—	180 Ft.	—
190 Ft.	60 Ft.	180 Ft.	60 Ft.
Load block, hook and weight ball on ground at start.			



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

30 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. Boom													
25	78.4	106.4	20,000 *	80.8	106.1	20,000 *							25
30	75.4	105.2	20,000 *	77.9	104.9	20,000 *	80.3	104.0	20,000 *				30
35	72.5	103.7	20,000 *	74.9	103.4	20,000 *	77.3	102.5	20,000 *	79.7	101.1	19,200 *	35
40	69.5	102.0	20,000 *	71.9	101.6	20,000 *	74.2	100.7	20,000 *	76.6	99.2	18,100 *	40
45	66.4	99.9	20,000 *	68.8	99.5	20,000 *	71.1	98.6	20,000 *	73.4	97.1	16,900 *	45
50	63.2	97.5	20,000 *	65.6	97.1	20,000 *	67.9	96.2	20,000 *	70.2	94.6	15,900 *	50
55	60.0	94.8	20,000 *	62.3	94.4	20,000 *	64.6	93.4	19,300 *	66.8	91.8	15,100 *	55
60	56.6	91.6	20,000 *	59.0	91.2	20,000 *	61.2	90.2	18,100 *	63.3	88.5	14,300 *	60
65	53.1	88.1	20,000 *	55.5	87.6	19,900 *	57.6	86.6	17,000 *				65
70	49.5	84.0	19,100	51.8	83.5	18,500 *	53.9	82.5	16,100 *				70
75	45.6	79.3	17,500	47.9	78.9	17,300 *	49.9	77.7	15,300 *				75
80	41.4	74.0	16,100	43.7	73.5	16,200							80
80 Ft. Boom													
25	79.4	116.6	20,000 *										25
30	76.8	115.5	20,000 *	79.0	115.2	20,000 *							30
35	74.1	114.2	20,000 *	76.3	113.8	20,000 *	78.5	113.0	20,000 *	80.7	111.4	19,700 *	35
40	71.4	112.6	20,000 *	73.6	112.3	20,000 *	75.7	111.4	20,000 *	77.9	109.8	18,600 *	40
45	68.6	110.8	20,000 *	70.8	110.4	20,000 *	72.9	109.5	20,000 *	75.1	107.9	17,500 *	45
50	65.8	108.6	20,000 *	68.0	108.2	20,000 *	70.1	107.3	20,000 *	72.2	105.7	16,500 *	50
55	62.9	106.2	20,000 *	65.1	105.8	20,000 *	67.2	104.8	20,000 *	69.2	103.2	15,600 *	55
60	60.0	103.4	20,000 *	62.1	103.0	20,000 *	64.2	102.0	19,100 *	66.1	100.3	14,900 *	60
65	56.9	100.3	20,000 *	59.1	99.9	20,000 *	61.1	98.9	18,000 *	63.0	97.1	14,200 *	65
70	53.8	96.8	18,800	55.9	96.4	19,000	57.9	95.3	17,000 *	59.7	93.5	13,700 *	70
75	50.5	92.9	17,200	52.6	92.4	17,300	54.5	91.3	16,200 *				75
80	47.0	88.4	15,800	49.1	87.9	15,900	51.0	86.8	15,500 *				80
90	39.4	77.6	13,500	41.4	77.1	13,600							90
90 Ft. Boom													
25	80.3	126.8	20,000 *										25
30	77.9	125.8	20,000 *	79.9	125.4	20,000 *							30
35	75.5	124.6	20,000 *	77.5	124.2	20,000 *	79.5	123.3	20,000 *				35
40	73.0	123.1	20,000 *	75.0	122.8	20,000 *	77.0	121.9	20,000 *	79.0	120.3	19,100 *	40
45	70.5	121.5	20,000 *	72.5	121.1	20,000 *	74.4	120.2	20,000 *	76.4	118.6	18,000 *	45
50	67.9	119.5	20,000 *	69.9	119.1	20,000 *	71.9	118.2	20,000 *	73.8	116.6	17,000 *	50
55	65.4	117.3	20,000 *	67.3	116.9	20,000 *	69.2	116.0	20,000 *	71.1	114.3	16,200 *	55
60	62.7	114.9	20,000 *	64.7	114.4	20,000 *	66.6	113.5	20,000 *	68.4	111.8	15,400 *	60
65	60.0	112.1	20,000 *	61.9	111.7	20,000 *	63.8	110.7	19,000 *	65.6	108.9	14,700 *	65
70	57.2	109.0	18,600	59.1	108.6	18,700	61.0	107.5	18,000 *	62.7	105.7	14,200 *	70
75	54.3	105.5	17,000	56.3	105.1	17,100	58.1	104.0	17,100 *	59.7	102.1	13,600 *	75
80	51.3	101.7	15,600	53.2	101.2	15,700	55.0	100.1	15,800				80
90	44.9	92.6	13,300	46.8	92.1	13,400							90
100	37.7	81.1	11,500										100

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

30 Ft. Fixed Jib

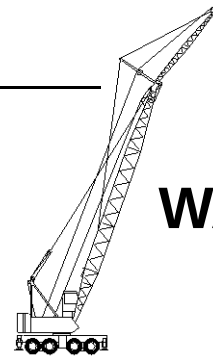
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. Boom													
30	78.8	136.0	20,000 *	80.7	135.7	20,000 *							30
35	76.6	134.9	20,000 *	78.4	134.5	20,000 *	80.3	133.6	20,000 *				35
40	74.3	133.6	20,000 *	76.2	133.2	20,000 *	78.0	132.3	20,000 *	79.9	130.7	19,500 *	40
45	72.0	132.0	20,000 *	73.9	131.7	20,000 *	75.7	130.7	20,000 *	77.5	129.1	18,400 *	45
50	69.7	130.3	20,000 *	71.5	129.9	20,000 *	73.3	128.9	20,000 *	75.1	127.3	17,500 *	50
55	67.3	128.3	20,000 *	69.2	127.9	20,000 *	71.0	126.9	20,000 *	72.7	125.2	16,600 *	55
60	64.9	126.0	20,000 *	66.8	125.6	20,000 *	68.5	124.6	20,000 *	70.2	122.9	15,900 *	60
65	62.5	123.5	20,000 *	64.3	123.1	20,000 *	66.0	122.1	19,900 *	67.7	120.4	15,200 *	65
70	60.0	120.7	18,300	61.8	120.3	18,500	63.5	119.3	18,700	65.2	117.5	14,600 *	70
75	57.4	117.7	16,700	59.2	117.2	16,900	60.9	116.2	17,100	62.5	114.3	14,100 *	75
80	54.8	114.3	15,300	56.6	113.8	15,500	58.2	112.7	15,700	59.8	110.8	13,600 *	80
90	49.2	106.4	13,100	50.9	105.9	13,200	52.5	104.7	13,300				90
100	43.1	96.6	11,200	44.8	96.1	11,300							100
110	36.2	84.4	9,800										110
110 Ft. Boom													
30	79.6	146.2	20,000 *										30
35	77.6	145.2	20,000 *	79.3	144.8	20,000 *	81.0	143.9	20,000 *				35
40	75.5	144.0	20,000 *	77.2	143.6	20,000 *	78.9	142.6	20,000 *	80.6	141.0	19,800 *	40
45	73.3	142.5	20,000 *	75.1	142.1	20,000 *	76.8	141.2	20,000 *	78.5	139.6	18,800 *	45
50	71.2	140.9	20,000 *	72.9	140.5	20,000 *	74.6	139.5	20,000 *	76.3	137.9	17,900 *	50
55	69.0	139.1	20,000 *	70.7	138.7	20,000 *	72.4	137.7	20,000 *	74.0	136.0	17,000 *	55
60	66.8	137.0	20,000 *	68.5	136.6	20,000 *	70.2	135.6	20,000 *	71.8	133.9	16,300 *	60
65	64.6	134.7	19,900	66.3	134.3	20,000 *	67.9	133.3	20,000 *	69.5	131.6	15,600 *	65
70	62.3	132.2	18,100	64.0	131.8	18,300	65.6	130.7	18,500	67.2	129.0	15,100 *	70
75	60.0	129.4	16,500	61.7	129.0	16,700	63.3	127.9	16,900	64.8	126.1	14,500 *	75
80	57.6	126.3	15,100	59.3	125.9	15,300	60.8	124.8	15,400	62.3	122.9	14,000 *	80
90	52.6	119.3	12,800	54.3	118.8	13,000	55.8	117.7	13,100				90
100	47.3	110.8	11,000	48.9	110.3	11,100	50.4	109.0	11,200				100
110	41.4	100.5	9,500	43.0	99.9	9,600							110
120	34.8	87.6	8,300										120
120 Ft. Boom													
30	80.3	156.4	20,000 *										30
35	78.4	155.4	20,000 *	80.0	155.0	20,000 *							35
40	76.4	154.3	20,000 *	78.1	153.9	20,000 *	79.7	152.9	20,000 *				40
45	74.5	153.0	20,000 *	76.1	152.6	20,000 *	77.7	151.6	20,000 *	79.3	149.9	19,100 *	45
50	72.5	151.4	20,000 *	74.1	151.0	20,000 *	75.7	150.1	20,000 *	77.2	148.4	18,200 *	50
55	70.5	149.7	20,000 *	72.1	149.3	20,000 *	73.6	148.4	20,000 *	75.2	146.7	17,400 *	55
60	68.5	147.8	20,000 *	70.0	147.4	20,000 *	71.6	146.4	20,000 *	73.1	144.7	16,700 *	60
65	66.4	145.7	19,600	68.0	145.3	19,900	69.5	144.3	20,000 *	71.0	142.6	16,000 *	65
70	64.3	143.4	17,800	65.9	143.0	18,000	67.4	142.0	18,200	68.9	140.2	15,400 *	70
75	62.2	140.9	16,200	63.7	140.4	16,400	65.2	139.4	16,600	66.7	137.6	14,900 *	75
80	60.0	138.1	14,800	61.6	137.6	15,000	63.0	136.6	15,200	64.4	134.7	14,400 *	80
90	55.5	131.7	12,500	57.0	131.2	12,700	58.5	130.1	12,800	59.8	128.1	13,000	90
100	50.7	124.1	10,700	52.2	123.6	10,900	53.6	122.4	11,000				100
110	45.6	115.1	9,300	47.1	114.5	9,400							110
120	40.0	104.1	8,000	41.4	103.5	8,100							120
130	33.6	90.6	7,000										130



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



222 WAGON

30 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. Boom													
30	80.9	166.5	20,000 *										30
35	79.1	165.6	20,000 *	80.6	165.2	20,000 *							35
40	77.3	164.6	20,000 *	78.8	164.2	20,000 *	80.3	163.2	20,000 *				40
45	75.5	163.3	20,000 *	77.0	162.9	20,000 *	78.5	162.0	20,000 *	80.0	160.3	19,500 *	45
50	73.6	161.9	20,000 *	75.1	161.5	20,000 *	76.6	160.5	20,000 *	78.1	158.9	18,600 *	50
55	71.8	160.3	20,000 *	73.2	159.9	20,000 *	74.7	158.9	20,000 *	76.2	157.2	17,800 *	55
60	69.9	158.6	20,000 *	71.4	158.2	20,000 *	72.8	157.2	20,000 *	74.2	155.4	17,100 *	60
65	67.9	156.6	19,400	69.4	156.2	19,700	70.9	155.2	19,900	72.3	153.4	16,400 *	65
70	66.0	154.5	17,500	67.5	154.0	17,800	68.9	153.0	18,000	70.3	151.2	15,800 *	70
75	64.0	152.1	15,900	65.5	151.7	16,200	66.9	150.6	16,400	68.3	148.8	15,300 *	75
80	62.0	149.5	14,600	63.5	149.1	14,800	64.9	148.0	15,000	66.2	146.2	14,800 *	80
90	57.9	143.7	12,300	59.4	143.2	12,500	60.7	142.1	12,600	62.0	140.2	12,800	90
100	53.6	136.8	10,500	55.0	136.3	10,600	56.3	135.2	10,800				100
110	49.0	128.7	9,000	50.4	128.2	9,100	51.7	126.9	9,200				110
120	44.1	119.1	7,800	45.5	118.6	7,900							120
130	38.6	107.7	6,800										130
140	32.5	93.5	5,900										140
140 Ft. Boom													
35	79.8	175.8	20,000 *										35
40	78.1	174.8	20,000 *	79.5	174.4	20,000 *	80.9	173.4	20,000 *				40
45	76.3	173.6	20,000 *	77.8	173.2	20,000 *	79.2	172.3	20,000 *	80.6	170.6	19,700 *	45
50	74.6	172.3	20,000 *	76.0	171.9	20,000 *	77.4	170.9	20,000 *	78.8	169.2	18,900 *	50
55	72.9	170.8	20,000 *	74.3	170.4	20,000 *	75.6	169.4	20,000 *	77.0	167.7	18,100 *	55
60	71.1	169.2	20,000 *	72.5	168.8	20,000 *	73.9	167.8	20,000 *	75.2	166.0	17,400 *	60
65	69.3	167.4	19,100	70.7	166.9	19,400	72.1	165.9	19,700	73.4	164.2	16,700 *	65
70	67.5	165.4	17,300	68.9	164.9	17,600	70.2	163.9	17,800	71.6	162.1	16,200 *	70
75	65.7	163.2	15,700	67.1	162.7	15,900	68.4	161.7	16,200	69.7	159.9	15,600 *	75
80	63.8	160.8	14,300	65.2	160.3	14,500	66.5	159.3	14,800	67.8	157.5	15,000	80
90	60.0	155.4	12,100	61.4	154.9	12,200	62.7	153.8	12,400	63.9	151.9	12,600	90
100	56.0	149.1	10,300	57.4	148.6	10,400	58.7	147.5	10,600	59.8	145.5	10,700	100
110	51.9	141.7	8,800	53.2	141.2	8,900	54.4	140.0	9,100				110
120	47.4	133.2	7,600	48.8	132.6	7,700	50.0	131.3	7,800				120
130	42.7	123.1	6,600	44.0	122.5	6,700							130
140	37.4	111.1	5,700										140

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

30 Ft. Fixed Jib

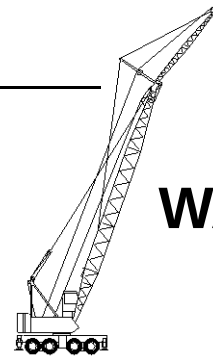
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. Boom													
35	80.3	186.0	20,000 *										35
40	78.7	185.0	20,000 *	80.1	184.6	20,000 *							40
45	77.1	183.9	20,000 *	78.5	183.5	20,000 *	79.8	182.5	20,000 *				45
50	75.5	182.7	20,000 *	76.8	182.3	20,000 *	78.1	181.3	20,000 *	79.5	179.6	19,200 *	50
55	73.8	181.3	20,000 *	75.2	180.9	20,000 *	76.5	179.9	20,000 *	77.8	178.2	18,400 *	55
60	72.2	179.7	20,000 *	73.5	179.3	20,000 *	74.8	178.3	20,000 *	76.1	176.6	17,700 *	60
65	70.5	178.0	18,900	71.8	177.6	19,200	73.1	176.6	19,500	74.4	174.8	17,100 *	65
70	68.8	176.2	17,000	70.1	175.7	17,300	71.4	174.7	17,600	72.7	172.9	16,500 *	70
75	67.1	174.1	15,500	68.4	173.7	15,700	69.7	172.6	16,000	70.9	170.8	15,900 *	75
80	65.4	171.9	14,100	66.7	171.4	14,300	67.9	170.4	14,500	69.1	168.6	14,800	80
90	61.8	166.9	11,800	63.1	166.4	12,000	64.3	165.3	12,200	65.5	163.4	12,400	90
100	58.1	161.0	10,000	59.4	160.6	10,200	60.6	159.4	10,300	61.8	157.5	10,500	100
110	54.3	154.3	8,500	55.6	153.8	8,700	56.8	152.6	8,800				110
120	50.3	146.5	7,300	51.6	146.0	7,500	52.7	144.7	7,600				120
130	46.0	137.5	6,300	47.3	136.9	6,400							130
140	41.4	126.9	5,500	42.7	126.3	5,500							140
150	36.4	114.4	4,600 *										150
160 Ft. Boom													
35	80.9	196.1	20,000 *										35
40	79.3	195.2	20,000 *	80.6	194.8	20,000 *							40
45	77.8	194.2	20,000 *	79.1	193.8	20,000 *	80.3	192.8	20,000 *				45
50	76.3	193.0	20,000 *	77.5	192.6	20,000 *	78.8	191.6	20,000 *	80.0	189.9	19,400 *	50
55	74.7	191.7	20,000 *	76.0	191.3	20,000 *	77.2	190.3	20,000 *	78.5	188.5	18,700 *	55
60	73.1	190.2	20,000 *	74.4	189.8	20,000 *	75.6	188.8	20,000 *	76.9	187.1	18,000 *	60
65	71.6	188.6	18,600	72.8	188.2	18,900	74.0	187.2	19,300 *	75.3	185.4	17,300 *	65
70	70.0	186.9	16,800	71.2	186.4	17,100	72.4	185.4	17,400	73.6	183.6	16,800 *	70
75	68.4	184.9	15,200	69.6	184.5	15,500	70.8	183.5	15,700	72.0	181.7	16,000	75
80	66.7	182.8	13,800	68.0	182.4	14,100	69.2	181.3	14,300	70.3	179.5	14,500	80
90	63.4	178.1	11,500	64.7	177.7	11,700	65.8	176.6	12,000	67.0	174.7	12,200	90
100	60.0	172.7	9,700	61.2	172.2	9,900	62.4	171.1	10,100	63.5	169.2	10,300	100
110	56.5	166.5	8,300	57.7	166.0	8,400	58.8	164.8	8,600	59.8	162.8	8,700	110
120	52.8	159.3	7,100	54.0	158.8	7,200	55.1	157.6	7,300				120
130	48.9	151.1	6,100	50.1	150.5	6,200	51.1	149.2	6,300				130
140	44.7	141.6	5,200 *	45.9	141.0	5,300							140
150	40.3	130.6	4,300 *	41.4	130.0	4,500 *							150



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

30 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. Boom													
40	79.9	205.4	20,000 *										40
45	78.4	204.4	20,000 *	79.6	204.0	20,000 *	80.8	203.0	20,000 *				45
50	77.0	203.3	20,000 *	78.2	202.9	20,000 *	79.4	201.9	20,000 *	80.6	200.2	19,600 *	50
55	75.5	202.1	20,000 *	76.7	201.6	20,000 *	77.9	200.6	20,000 *	79.1	198.9	18,900 *	55
60	74.0	200.7	20,000 *	75.2	200.2	20,000 *	76.4	199.2	20,000 *	77.6	197.5	18,200 *	60
65	72.5	199.1	18,100 *	73.7	198.7	18,400 *	74.9	197.7	18,700 *	76.0	195.9	17,600 *	65
70	71.0	197.5	16,300 *	72.2	197.0	16,600 *	73.4	196.0	16,900 *	74.5	194.2	17,000 *	70
75	69.5	195.7	14,800 *	70.7	195.2	15,100 *	71.8	194.2	15,400 *	73.0	192.4	15,800 *	75
80	68.0	193.7	13,500 *	69.1	193.3	13,800 *	70.3	192.2	14,100 *	71.4	190.4	14,300 *	80
90	64.8	189.3	11,300 *	66.0	188.8	11,500	67.1	187.7	11,700	68.2	185.9	12,000	90
100	61.6	184.2	9,500	62.8	183.7	9,700	63.9	182.6	9,900	65.0	180.7	10,100	100
110	58.3	178.4	8,000	59.5	177.9	8,200	60.6	176.7	8,400	61.6	174.7	8,500	110
120	54.9	171.7	6,800 *	56.1	171.2	7,000 *	57.1	170.0	7,100				120
130	51.3	164.1	5,800 *	52.5	163.6	5,900	53.5	162.4	6,100 *				130
140	47.6	155.5	4,800 *	48.7	155.0	5,000 *	49.7	153.6	5,200 *				140
150	43.5	145.6	4,000 *	44.7	145.1	4,100 *							150
180 Ft. Boom													
40	80.4	215.5	20,000 *										40
45	79.0	214.6	20,000 *	80.1	214.2	20,000 *							45
50	77.6	213.6	20,000 *	78.7	213.1	20,000 *	79.9	212.1	20,000 *	81.0	210.4	19,900 *	50
55	76.2	212.4	20,000 *	77.3	212.0	20,000 *	78.5	210.9	20,000 *	79.6	209.2	19,100 *	55
60	74.8	211.1	19,400 *	75.9	210.6	19,800 *	77.0	209.6	20,000 *	78.2	207.9	18,500 *	60
65	73.4	209.6	17,400 *	74.5	209.2	17,700 *	75.6	208.2	18,100 *	76.7	206.4	17,900 *	65
70	71.9	208.0	15,700 *	73.1	207.6	16,000 *	74.2	206.6	16,300 *	75.3	204.8	16,800 *	70
75	70.5	206.3	14,200 *	71.6	205.9	14,500 *	72.7	204.8	14,800 *	73.8	203.0	15,200 *	75
80	69.1	204.5	12,900 *	70.2	204.0	13,200 *	71.3	203.0	13,500 *	72.4	201.1	13,900 *	80
90	66.1	200.3	10,700 *	67.2	199.8	11,000 *	68.3	198.8	11,300 *	69.4	196.9	11,600 *	90
100	63.1	195.5	9,000 *	64.2	195.0	9,300 *	65.3	193.9	9,500 *	66.3	192.0	9,800 *	100
110	60.0	190.0	7,600 *	61.1	189.6	7,800 *	62.1	188.4	8,000 *	63.1	186.5	8,300 *	110
120	56.8	183.8	6,400 *	57.9	183.3	6,600 *	58.9	182.2	6,800 *	59.9	180.1	7,000 *	120
130	53.5	176.8	5,300 *	54.6	176.3	5,500 *	55.6	175.1	5,700 *				130
140	50.0	168.9	4,400 *	51.1	168.3	4,600 *	52.1	167.0	4,800 *				140

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

40 Ft. Fixed Jib

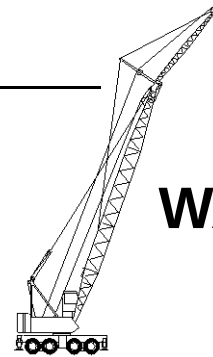
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. Boom													
25	80.2	116.6	20,000 *										25
30	77.6	115.5	20,000 *	80.5	115.0	20,000 *							30
35	74.9	114.2	20,000 *	77.8	113.6	20,000 *	80.7	112.5	20,000 *				35
40	72.2	112.6	20,000 *	75.0	112.0	20,000 *	78.0	110.9	19,900 *	80.9	108.9	14,800 *	40
45	69.4	110.7	20,000 *	72.3	110.2	20,000 *	75.1	109.0	18,200 *	78.0	107.0	13,800 *	45
50	66.6	108.6	20,000 *	69.4	108.0	20,000 *	72.3	106.8	16,900 *	75.1	104.8	13,000 *	50
55	63.7	106.1	20,000 *	66.5	105.6	18,800 *	69.4	104.3	15,700 *	72.1	102.2	12,300 *	55
60	60.8	103.4	20,000 *	63.6	102.8	17,300 *	66.3	101.5	14,600 *	69.0	99.3	11,600 *	60
65	57.7	100.3	19,100 *	60.5	99.6	16,000 *	63.2	98.3	13,800 *	65.9	96.1	11,100 *	65
70	54.6	96.7	17,400 *	57.3	96.1	14,800 *	60.0	94.7	13,000 *	62.5	92.4	10,600 *	70
75	51.3	92.8	16,000 *	54.0	92.1	13,900 *	56.6	90.7	12,300 *				75
80	47.8	88.4	14,800 *	50.5	87.7	13,000 *	53.1	86.1	11,700 *				80
90	40.2	77.6	12,800 *	42.8	76.8	11,700 *							90
80 Ft. Boom													
25	81.0	126.8	20,000 *										25
30	78.6	125.8	20,000 *										30
35	76.2	124.5	20,000 *	78.8	124.0	20,000 *							35
40	73.7	123.1	20,000 *	76.3	122.5	20,000 *	79.0	121.3	20,000 *				40
45	71.2	121.4	20,000 *	73.8	120.8	20,000 *	76.5	119.6	19,000 *	79.1	117.6	14,200 *	45
50	68.7	119.5	20,000 *	71.3	118.9	20,000 *	73.9	117.6	17,600 *	76.5	115.6	13,400 *	50
55	66.1	117.3	20,000 *	68.7	116.7	20,000 *	71.2	115.4	16,400 *	73.8	113.3	12,600 *	55
60	63.4	114.8	20,000 *	66.0	114.2	18,500 *	68.6	112.9	15,400 *	71.1	110.7	12,000 *	60
65	60.7	112.0	20,000 *	63.3	111.4	17,100 *	65.8	110.1	14,500 *	68.2	107.8	11,400 *	65
70	57.9	108.9	18,900	60.5	108.3	15,900 *	62.9	106.9	13,700 *	65.3	104.6	11,000 *	70
75	55.0	105.5	17,300	57.6	104.8	14,900 *	60.0	103.4	13,000 *	62.3	101.0	10,500 *	75
80	52.0	101.6	15,900	54.5	101.0	14,000 *	56.9	99.4	12,400 *				80
90	45.6	92.6	13,600	48.1	91.8	12,500 *							90
100	38.4	81.0	11,800										100
90 Ft. Boom													
30	79.5	136.0	20,000 *										30
35	77.3	134.9	20,000 *	79.7	134.3	20,000 *							35
40	75.0	133.5	20,000 *	77.4	133.0	20,000 *	79.9	131.7	20,000 *				40
45	72.7	132.0	20,000 *	75.1	131.4	20,000 *	77.6	130.1	19,700 *	80.0	128.1	14,500 *	45
50	70.4	130.2	20,000 *	72.8	129.6	20,000 *	75.2	128.3	18,300 *	77.6	126.2	13,700 *	50
55	68.0	128.2	20,000 *	70.4	127.6	20,000 *	72.8	126.3	17,100 *	75.2	124.2	13,000 *	55
60	65.6	126.0	20,000 *	68.0	125.4	19,700 *	70.4	124.0	16,000 *	72.7	121.8	12,400 *	60
65	63.2	123.5	20,000 *	65.5	122.8	18,300 *	67.9	121.5	15,100 *	70.2	119.2	11,800 *	65
70	60.7	120.7	18,700	63.0	120.0	17,000 *	65.3	118.6	14,300 *	67.6	116.3	11,300 *	70
75	58.1	117.6	17,100	60.4	116.9	15,900 *	62.7	115.5	13,600 *	64.9	113.1	10,900 *	75
80	55.4	114.2	15,700	57.8	113.5	15,000 *	60.0	112.0	13,000 *	62.1	109.6	10,500 *	80
90	49.8	106.3	13,400	52.1	105.6	13,400 *	54.3	103.9	11,900 *				90
100	43.7	96.6	11,600	46.0	95.7	11,700							100
110	36.8	84.3	10,100										110



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

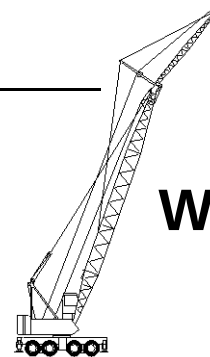
40 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. Boom													
30	80.3	146.2	20,000 *										30
35	78.2	145.1	20,000 *	80.4	144.6	20,000 *							35
40	76.1	143.9	20,000 *	78.3	143.3	20,000 *	80.6	142.0	20,000 *				40
45	74.0	142.5	20,000 *	76.2	141.9	20,000 *	78.5	140.6	20,000 *	80.8	138.5	14,700 *	45
50	71.8	140.9	20,000 *	74.1	140.3	20,000 *	76.3	138.9	18,900 *	78.6	136.8	14,000 *	50
55	69.7	139.0	20,000 *	71.9	138.4	20,000 *	74.1	137.1	17,700 *	76.3	134.9	13,300 *	55
60	67.5	137.0	20,000 *	69.7	136.3	20,000 *	71.9	135.0	16,700 *	74.1	132.8	12,700 *	60
65	65.2	134.7	20,000 *	67.4	134.0	19,400 *	69.6	132.7	15,700 *	71.8	130.4	12,100 *	65
70	62.9	132.1	18,500	65.1	131.5	18,100 *	67.3	130.1	14,900 *	69.4	127.8	11,600 *	70
75	60.6	129.3	16,900	62.8	128.7	16,900 *	64.9	127.2	14,200 *	67.0	124.9	11,200 *	75
80	58.2	126.3	15,500	60.4	125.6	15,700	62.5	124.1	13,500 *	64.5	121.7	10,800 *	80
90	53.2	119.2	13,200	55.4	118.5	13,400	57.4	116.9	12,400 *				90
100	47.9	110.7	11,400	50.0	109.9	11,500	52.0	108.2	11,500 *				100
110	42.0	100.4	9,900	44.1	99.5	10,000							110
120	35.4	87.5	8,700										120
110 Ft. Boom													
30	80.9	156.3	20,000 *										30
35	79.0	155.4	20,000 *										35
40	77.0	154.2	20,000 *	79.1	153.6	20,000 *							40
45	75.1	152.9	20,000 *	77.2	152.3	20,000 *	79.3	151.0	20,000 *				45
50	73.1	151.4	20,000 *	75.2	150.8	20,000 *	77.3	149.4	19,500 *	79.4	147.3	14,200 *	50
55	71.1	149.7	20,000 *	73.2	149.1	20,000 *	75.3	147.7	18,300 *	77.3	145.5	13,500 *	55
60	69.0	147.8	20,000 *	71.1	147.2	20,000 *	73.2	145.8	17,200 *	75.2	143.5	12,900 *	60
65	67.0	145.7	20,000 *	69.0	145.0	20,000 *	71.1	143.7	16,300 *	73.1	141.4	12,400 *	65
70	64.9	143.4	18,200	66.9	142.7	18,500	69.0	141.3	15,500 *	70.9	139.0	11,900 *	70
75	62.7	140.8	16,600	64.8	140.1	16,900	66.8	138.7	14,700 *	68.7	136.3	11,500 *	75
80	60.6	138.0	15,200	62.6	137.3	15,500	64.6	135.9	14,100 *	66.5	133.4	11,100 *	80
90	56.1	131.6	12,900	58.1	130.9	13,100	60.0	129.4	12,900 *	61.8	126.8	10,400 *	90
100	51.3	124.0	11,100	53.3	123.3	11,300	55.1	121.6	11,400				100
110	46.2	115.0	9,700	48.1	114.2	9,800							110
120	40.5	104.1	8,400	42.4	103.1	8,500							120
130	34.1	90.5	7,400										130

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

40 Ft. Fixed Jib

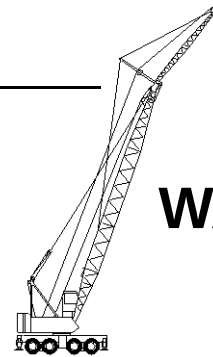
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. Boom													
35	79.7	165.6	20,000 *										35
40	77.8	164.5	20,000 *	79.8	163.9	20,000 *							40
45	76.0	163.3	20,000 *	78.0	162.7	20,000 *	80.0	161.3	20,000 *				45
50	74.2	161.9	20,000 *	76.1	161.2	20,000 *	78.1	159.9	20,000 *	80.1	157.7	14,400 *	50
55	72.3	160.3	20,000 *	74.3	159.7	20,000 *	76.2	158.3	18,800 *	78.2	156.0	13,800 *	55
60	70.4	158.5	20,000 *	72.4	157.9	20,000 *	74.3	156.5	17,800 *	76.2	154.2	13,200 *	60
65	68.5	156.6	19,800	70.4	155.9	20,000 *	72.4	154.5	16,800 *	74.3	152.2	12,700 *	65
70	66.5	154.4	17,900	68.5	153.7	18,200	70.4	152.3	16,000 *	72.3	150.0	12,200 *	70
75	64.6	152.0	16,300	66.5	151.4	16,600	68.4	149.9	15,300 *	70.2	147.5	11,700 *	75
80	62.6	149.5	14,900	64.5	148.8	15,200	66.4	147.3	14,600 *	68.2	144.9	11,300 *	80
90	58.4	143.6	12,700	60.3	142.9	12,900	62.2	141.4	13,100	63.9	138.8	10,700 *	90
100	54.1	136.7	10,800	56.0	136.0	11,000	57.8	134.4	11,200				100
110	49.5	128.6	9,400	51.4	127.9	9,500	53.1	126.1	9,700				110
120	44.6	119.1	8,200	46.4	118.2	8,300							120
130	39.2	107.6	7,100										130
130 Ft. Boom													
35	80.3	175.8	20,000 *										35
40	78.6	174.8	20,000 *	80.4	174.1	20,000 *							40
45	76.8	173.6	20,000 *	78.7	173.0	20,000 *	80.6	171.6	20,000 *				45
50	75.1	172.3	20,000 *	77.0	171.6	20,000 *	78.8	170.3	20,000 *	80.7	168.0	14,600 *	50
55	73.4	170.8	20,000 *	75.2	170.2	20,000 *	77.1	168.8	19,300 *	78.9	166.5	14,000 *	55
60	71.6	169.1	20,000 *	73.4	168.5	20,000 *	75.3	167.1	18,300 *	77.1	164.8	13,400 *	60
65	69.8	167.3	19,500	71.6	166.7	19,900	73.5	165.2	17,300 *	75.3	162.9	12,900 *	65
70	68.0	165.3	17,700	69.8	164.6	18,000	71.6	163.2	16,500 *	73.4	160.9	12,400 *	70
75	66.2	163.1	16,100	68.0	162.4	16,400	69.8	161.0	15,800 *	71.5	158.6	12,000 *	75
80	64.3	160.7	14,700	66.1	160.0	15,000	67.9	158.6	15,100 *	69.6	156.1	11,600 *	80
90	60.5	155.3	12,400	62.3	154.6	12,600	64.0	153.1	12,900	65.7	150.6	10,900 *	90
100	56.5	149.0	10,600	58.3	148.3	10,800	60.0	146.7	11,000	61.6	144.0	10,300 *	100
110	52.4	141.7	9,100	54.1	140.9	9,300	55.8	139.2	9,500				110
120	47.9	133.1	7,900	49.7	132.3	8,100	51.3	130.5	8,200				120
130	43.2	123.0	6,900	44.9	122.1	7,000							130
140	37.9	111.0	6,000										140



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

40 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. Boom													
35	80.8	185.9	20,000 *										35
40	79.2	185.0	20,000 *	81.0	184.3	20,000 *							40
45	77.6	183.9	20,000 *	79.4	183.2	20,000 *							45
50	76.0	182.6	20,000 *	77.7	182.0	20,000 *	79.5	180.6	20,000 *				50
55	74.3	181.2	20,000 *	76.1	180.6	20,000 *	77.8	179.2	19,800 *	79.6	176.9	14,200 *	55
60	72.7	179.7	20,000 *	74.4	179.0	20,000 *	76.1	177.6	18,800 *	77.9	175.3	13,600 *	60
65	71.0	178.0	19,300	72.7	177.3	19,700	74.4	175.9	17,800 *	76.2	173.5	13,100 *	65
70	69.3	176.1	17,400	71.0	175.4	17,800	72.7	174.0	17,000 *	74.4	171.6	12,700 *	70
75	67.6	174.0	15,900	69.3	173.4	16,200	71.0	171.9	16,200 *	72.7	169.5	12,200 *	75
80	65.8	171.8	14,500	67.6	171.1	14,800	69.2	169.7	15,000	70.9	167.2	11,800 *	80
90	62.3	166.8	12,200	64.0	166.1	12,400	65.6	164.6	12,700	67.2	162.0	11,100 *	90
100	58.6	161.0	10,400	60.3	160.2	10,600	61.9	158.6	10,800	63.4	156.0	10,500 *	100
110	54.8	154.2	8,900	56.5	153.4	9,100	58.0	151.8	9,300				110
120	50.8	146.4	7,700	52.4	145.6	7,900	53.9	143.9	8,000				120
130	46.5	137.4	6,700	48.1	136.5	6,800							130
140	41.9	126.8	5,800	43.5	125.9	5,900							140
150	36.8	114.3	5,100 *										150
150 Ft. Boom													
40	79.8	195.2	20,000 *										40
45	78.3	194.1	20,000 *	79.9	193.5	20,000 *							45
50	76.7	193.0	20,000 *	78.4	192.3	20,000 *	80.1	190.9	20,000 *				50
55	75.2	191.6	20,000 *	76.8	191.0	20,000 *	78.5	189.6	20,000 *	80.2	187.3	14,400 *	55
60	73.6	190.2	20,000 *	75.2	189.5	20,000 *	76.9	188.1	19,200 *	78.6	185.8	13,800 *	60
65	72.0	188.6	19,000	73.7	187.9	19,400	75.3	186.5	18,300 *	76.9	184.1	13,300 *	65
70	70.4	186.8	17,200	72.1	186.1	17,600	73.7	184.7	17,400 *	75.3	182.3	12,900 *	70
75	68.8	184.9	15,600	70.4	184.2	15,900	72.1	182.7	16,300	73.6	180.3	12,400 *	75
80	67.2	182.8	14,200	68.8	182.1	14,500	70.4	180.6	14,800	72.0	178.2	12,100 *	80
90	63.9	178.1	11,900	65.5	177.4	12,200	67.1	175.9	12,500	68.6	173.3	11,400 *	90
100	60.4	172.6	10,100	62.0	171.9	10,400	63.6	170.3	10,600	65.0	167.7	10,800 *	100
110	56.9	166.4	8,700	58.5	165.6	8,900	60.0	164.0	9,100	61.4	161.3	9,200	110
120	53.2	159.2	7,500	54.8	158.4	7,600	56.2	156.7	7,800				120
130	49.3	151.0	6,400	50.9	150.2	6,600	52.3	148.3	6,700				130
140	45.2	141.5	5,600	46.7	140.6	5,700							140
150	40.7	130.5	4,800 *	42.2	129.6	4,900							150

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

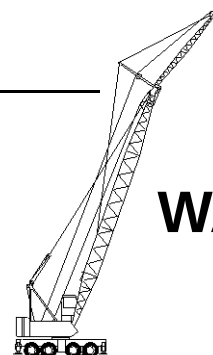
40 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. Boom													
40	80.3	205.3	20,000 *										40
45	78.8	204.4	20,000 *	80.4	203.7	20,000 *							45
50	77.4	203.2	20,000 *	79.0	202.6	20,000 *	80.6	201.2	20,000 *				50
55	75.9	202.0	20,000 *	77.5	201.3	20,000 *	79.1	199.9	20,000 *	80.7	197.6	14,600 *	55
60	74.4	200.6	20,000 *	76.0	200.0	20,000 *	77.6	198.5	19,600 *	79.2	196.2	14,000 *	60
65	72.9	199.1	18,700 *	74.5	198.4	19,000 *	76.1	197.0	18,700 *	77.6	194.6	13,500 *	65
70	71.4	197.4	16,900 *	73.0	196.7	17,300 *	74.6	195.3	17,700 *	76.1	192.9	13,100 *	70
75	69.9	195.6	15,300	71.5	194.9	15,700 *	73.0	193.5	16,000	74.5	191.0	12,600 *	75
80	68.4	193.6	14,000	69.9	192.9	14,300	71.5	191.5	14,600	73.0	189.0	12,300 *	80
90	65.3	189.2	11,700	66.8	188.5	12,000	68.3	187.0	12,200	69.8	184.5	11,600 *	90
100	62.1	184.1	9,900	63.6	183.4	10,100	65.1	181.8	10,400	66.5	179.2	10,600	100
110	58.8	178.3	8,400	60.3	177.5	8,600	61.7	175.9	8,800	63.1	173.2	9,000	110
120	55.3	171.6	7,200	56.8	170.9	7,400	58.2	169.2	7,600				120
130	51.8	164.1	6,200 *	53.2	163.3	6,300	54.6	161.5	6,500				130
140	48.0	155.5	5,300 *	49.4	154.6	5,400	50.8	152.7	5,600				140
150	44.0	145.6	4,400 *	45.4	144.6	4,600 *							150
170 Ft. Boom													
40	80.8	215.5	20,000 *										40
45	79.4	214.6	20,000 *	80.9	213.9	20,000 *							45
50	78.0	213.5	20,000 *	79.5	212.9	20,000 *	81.0	211.4	20,000 *				50
55	76.6	212.3	20,000 *	78.1	211.7	20,000 *	79.6	210.2	20,000 *				55
60	75.2	211.0	20,000 *	76.7	210.3	20,000 *	78.2	208.9	20,000 *	79.7	206.5	14,200 *	60
65	73.8	209.6	18,000 *	75.3	208.9	18,400 *	76.8	207.4	18,900 *	78.3	205.0	13,700 *	65
70	72.4	208.0	16,300 *	73.8	207.3	16,600 *	75.3	205.8	17,100 *	76.8	203.4	13,200 *	70
75	70.9	206.3	14,800 *	72.4	205.6	15,100 *	73.9	204.1	15,600 *	75.3	201.7	12,800 *	75
80	69.5	204.4	13,500 *	70.9	203.7	13,800 *	72.4	202.2	14,200 *	73.8	199.8	12,400 *	80
90	66.5	200.2	11,300 *	68.0	199.5	11,600 *	69.4	198.0	12,000 *	70.8	195.5	11,800 *	90
100	63.5	195.4	9,500 *	65.0	194.7	9,800 *	66.4	193.1	10,100	67.7	190.6	10,400	100
110	60.4	190.0	8,100 *	61.9	189.2	8,400 *	63.2	187.6	8,600	64.5	185.0	8,800	110
120	57.2	183.8	6,900 *	58.6	183.0	7,100 *	60.0	181.3	7,300	61.2	178.6	7,500	120
130	53.9	176.7	5,800 *	55.3	175.9	6,000 *	56.6	174.2	6,300 *				130
140	50.4	168.8	4,900 *	51.8	168.0	5,100 *	53.1	166.1	5,300 *				140
150	46.7	159.8	4,000 *	48.1	158.9	4,300 *							150

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

40 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. Boom													
45	79.9	224.7	20,000 *										45
50	78.5	223.7	20,000 *	80.0	223.1	20,000 *							50
55	77.2	222.6	20,000 *	78.7	222.0	20,000 *	80.1	220.5	20,000 *				55
60	75.9	221.4	19,400 *	77.3	220.7	19,800 *	78.8	219.2	20,000 *	80.2	216.9	14,300 *	60
65	74.5	220.0	17,300 *	76.0	219.3	17,800 *	77.4	217.8	18,300 *	78.8	215.4	13,900 *	65
70	73.2	218.5	15,600 *	74.6	217.8	16,000 *	76.0	216.3	16,500 *	77.4	213.9	13,400 *	70
75	71.8	216.8	14,100 *	73.2	216.2	14,500 *	74.6	214.7	15,000 *	76.0	212.2	13,000 *	75
80	70.4	215.1	12,900 *	71.9	214.4	13,200 *	73.3	212.9	13,700 *	74.6	210.4	12,600 *	80
90	67.6	211.1	10,700 *	69.1	210.4	11,100 *	70.4	208.9	11,400 *	71.8	206.4	11,900 *	90
100	64.8	206.6	9,000 *	66.2	205.9	9,300 *	67.6	204.3	9,600 *	68.9	201.7	10,000 *	100
110	61.9	201.4	7,600 *	63.3	200.7	7,900 *	64.6	199.1	8,200 *	65.9	196.5	8,500 *	110
120	58.9	195.6	6,400 *	60.2	194.9	6,600 *	61.6	193.2	6,900 *	62.8	190.5	7,200 *	120
130	55.8	189.1	5,300 *	57.1	188.3	5,600 *	58.4	186.6	5,900 *				130
140	52.5	181.7	4,400 *	53.9	180.9	4,700 *	55.1	179.1	4,900 *				140
150							51.7	170.6	4,100 *				150

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

50 Ft. Fixed Jib

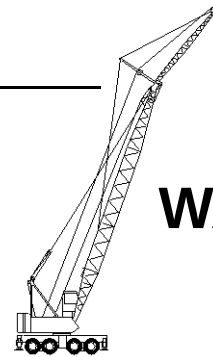
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. Boom													
30	79.1	125.7	20,000 *										30
35	76.7	124.5	20,000 *	80.0	123.9	20,000 *							35
40	74.2	123.1	20,000 *	77.6	122.4	20,000 *	80.9	121.0	16,900 *				40
45	71.7	121.4	20,000 *	75.0	120.7	19,500 *	78.4	119.3	15,500 *				45
50	69.2	119.4	20,000 *	72.5	118.8	17,600 *	75.8	117.3	14,300 *	79.1	115.0	11,000 *	50
55	66.6	117.3	19,800 *	69.9	116.6	16,000 *	73.1	115.1	13,300 *	76.4	112.7	10,400 *	55
60	63.9	114.8	18,100 *	67.2	114.1	14,700 *	70.4	112.6	12,400 *	73.7	110.2	9,800 *	60
65	61.2	112.0	16,400 *	64.5	111.3	13,600 *	67.7	109.7	11,600 *	70.8	107.2	9,300 *	65
70	58.4	108.9	14,900 *	61.7	108.1	12,600 *	64.8	106.6	10,900 *	67.9	104.0	8,900 *	70
75	55.5	105.5	13,700 *	58.7	104.7	11,800 *	61.9	103.0	10,300 *	64.8	100.4	8,500 *	75
80	52.5	101.6	12,700 *	55.7	100.8	11,000 *	58.8	99.1	9,800 *	61.7	96.3	8,100 *	80
90	46.1	92.5	11,000 *	49.3	91.6	9,800 *	52.2	89.7	9,000 *				90
100	38.9	81.0	9,700 *										100
80 Ft. Boom													
30	80.0	136.0	20,000 *										30
35	77.7	134.8	20,000 *	80.8	134.1	20,000 *							35
40	75.5	133.5	20,000 *	78.5	132.8	20,000 *							40
45	73.2	132.0	20,000 *	76.2	131.3	20,000 *	79.3	129.8	16,000 *				45
50	70.8	130.2	20,000 *	73.9	129.5	18,700 *	77.0	128.0	14,800 *	80.0	125.6	11,300 *	50
55	68.5	128.2	20,000 *	71.5	127.5	17,000 *	74.6	126.0	13,800 *	77.6	123.5	10,600 *	55
60	66.1	125.9	19,500 *	69.1	125.2	15,600 *	72.1	123.7	12,900 *	75.1	121.2	10,100 *	60
65	63.6	123.4	18,000 *	66.6	122.7	14,500 *	69.6	121.1	12,100 *	72.5	118.6	9,600 *	65
70	61.1	120.7	16,400 *	64.1	119.9	13,500 *	67.1	118.3	11,400 *	69.9	115.7	9,100 *	70
75	58.5	117.6	15,000 *	61.5	116.8	12,600 *	64.4	115.1	10,800 *	67.2	112.4	8,700 *	75
80	55.9	114.2	13,900 *	58.9	113.3	11,800 *	61.7	111.6	10,300 *	64.4	108.9	8,400 *	80
90	50.3	106.3	12,000 *	53.2	105.4	10,500 *	56.0	103.5	9,400 *				90
100	44.2	96.5	10,600 *	47.0	95.5	9,500 *							100
110	37.3	84.3	9,500 *										110
90 Ft. Boom													
30	80.7	146.1	20,000 *										30
35	78.6	145.1	20,000 *										35
40	76.5	143.9	20,000 *	79.4	143.2	20,000 *							40
45	74.4	142.5	20,000 *	77.3	141.7	20,000 *	80.1	140.2	16,500 *				45
50	72.3	140.8	20,000 *	75.1	140.1	19,700 *	78.0	138.6	15,300 *	80.8	136.1	11,500 *	50
55	70.1	139.0	20,000 *	72.9	138.2	18,000 *	75.7	136.7	14,300 *	78.6	134.2	10,800 *	55
60	67.9	136.9	19,800 *	70.7	136.2	16,600 *	73.5	134.6	13,400 *	76.3	132.0	10,300 *	60
65	65.7	134.6	19,200 *	68.5	133.9	15,300 *	71.2	132.3	12,600 *	73.9	129.7	9,800 *	65
70	63.4	132.1	17,900 *	66.2	131.3	14,300 *	68.9	129.7	11,900 *	71.6	127.0	9,400 *	70
75	61.0	129.3	16,400 *	63.8	128.5	13,400 *	66.5	126.8	11,300 *	69.1	124.1	9,000 *	75
80	58.7	126.2	15,100 *	61.4	125.4	12,500 *	64.1	123.7	10,800 *	66.6	120.9	8,700 *	80
90	53.7	119.2	13,100 *	56.4	118.3	11,200 *	59.0	116.5	9,800 *	61.4	113.5	8,100 *	90
100	48.3	110.7	11,500 *	51.0	109.7	10,100 *	53.5	107.7	9,100 *				100
110	42.5	100.3	10,200	45.1	99.3	9,200 *							110
120	35.8	87.4	9,000										120



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

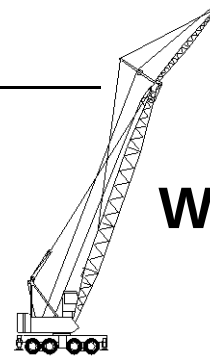
50 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. Boom													
35	79.4	155.3	20,000 *										35
40	77.4	154.2	20,000 *	80.1	153.5	20,000 *							40
45	75.5	152.9	20,000 *	78.1	152.1	20,000 *	80.8	150.6	16,900 *				45
50	73.5	151.4	20,000 *	76.1	150.6	20,000 *	78.8	149.0	15,700 *				50
55	71.5	149.7	20,000 *	74.1	148.9	18,900 *	76.8	147.3	14,700 *	79.4	144.7	11,000 *	55
60	69.4	147.8	19,800 *	72.1	147.0	17,400 *	74.7	145.4	13,800 *	77.3	142.8	10,500 *	60
65	67.4	145.6	19,400 *	70.0	144.9	16,200 *	72.6	143.2	13,000 *	75.1	140.6	10,000 *	65
70	65.3	143.3	18,600 *	67.9	142.5	15,100 *	70.5	140.9	12,400 *	73.0	138.2	9,600 *	70
75	63.1	140.8	17,000 *	65.7	140.0	14,100 *	68.3	138.2	11,700 *	70.7	135.5	9,200 *	75
80	61.0	138.0	15,600 *	63.6	137.1	13,300 *	66.1	135.4	11,200 *	68.5	132.6	8,900 *	80
90	56.5	131.6	13,300 *	59.0	130.7	11,800 *	61.5	128.9	10,200 *	63.8	125.9	8,300 *	90
100	51.7	124.0	11,500 *	54.2	123.1	10,700 *	56.6	121.1	9,500 *				100
110	46.6	114.9	10,000 *	49.0	113.9	9,800 *	51.3	111.8	8,800 *				110
120	40.9	104.0	8,800 *	43.3	102.9	8,900 *							120
130	34.5	90.5	7,700 *										130
110 Ft. Boom													
35	80.1	165.5	20,000 *										35
40	78.2	164.5	20,000 *	80.7	163.7	20,000 *							40
45	76.4	163.2	20,000 *	78.9	162.5	20,000 *							45
50	74.5	161.8	20,000 *	77.0	161.1	19,900 *	79.5	159.4	16,100 *				50
55	72.7	160.2	20,000 *	75.2	159.5	19,500 *	77.6	157.8	15,100 *	80.1	155.2	11,200 *	55
60	70.8	158.5	19,800 *	73.3	157.7	18,300 *	75.7	156.0	14,200 *	78.2	153.4	10,700 *	60
65	68.9	156.5	19,400 *	71.3	155.7	17,000 *	73.8	154.0	13,500 *	76.2	151.4	10,200 *	65
70	66.9	154.4	18,300 *	69.4	153.6	15,800 *	71.8	151.9	12,800 *	74.2	149.1	9,800 *	70
75	65.0	152.0	16,700 *	67.4	151.2	14,800 *	69.8	149.5	12,100 *	72.1	146.7	9,400 *	75
80	63.0	149.4	15,300 *	65.4	148.6	14,000 *	67.8	146.8	11,600 *	70.0	144.0	9,100 *	80
90	58.8	143.6	13,000 *	61.2	142.7	12,500 *	63.5	140.9	10,600 *	65.7	137.9	8,500 *	90
100	54.5	136.7	11,200 *	56.9	135.8	11,300 *	59.1	133.8	9,800 *	61.2	130.7	8,000 *	100
110	49.9	128.6	9,700 *	52.2	127.6	9,900 *	54.4	125.5	9,200 *				110
120	45.0	119.0	8,500 *	47.3	118.0	8,700 *							120
130	39.5	107.5	7,500 *										130

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

50 Ft. Fixed Jib

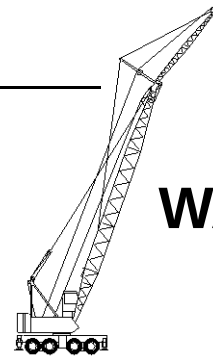
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. Boom													
35	80.6	175.7	20,000 *										35
40	78.9	174.7	20,000 *										40
45	77.2	173.6	20,000 *	79.6	172.8	20,000 *							45
50	75.5	172.2	20,000 *	77.8	171.5	19,800 *	80.2	169.8	16,500 *				50
55	73.7	170.8	20,000 *	76.1	170.0	19,400 *	78.4	168.3	15,500 *	80.7	165.6	11,400 *	55
60	72.0	169.1	19,700 *	74.3	168.3	19,000 *	76.6	166.6	14,600 *	78.9	163.9	10,900 *	60
65	70.2	167.3	19,300 *	72.5	166.5	17,800 *	74.8	164.8	13,800 *	77.1	162.0	10,400 *	65
70	68.4	165.3	18,000	70.7	164.4	16,600 *	73.0	162.7	13,100 *	75.2	160.0	10,000 *	70
75	66.5	163.1	16,400	68.8	162.2	15,600 *	71.1	160.5	12,500 *	73.3	157.7	9,600 *	75
80	64.7	160.7	15,000	67.0	159.8	14,600 *	69.2	158.1	12,000 *	71.4	155.2	9,300 *	80
90	60.9	155.3	12,800	63.1	154.4	13,000	65.3	152.6	11,000 *	67.4	149.6	8,700 *	90
100	56.9	149.0	10,900	59.1	148.1	11,200	61.3	146.1	10,200 *	63.3	143.0	8,200 *	100
110	52.7	141.6	9,500	54.9	140.7	9,700	57.0	138.6	9,500 *				110
120	48.3	133.0	8,300	50.5	132.0	8,400	52.5	129.8	8,600				120
130	43.5	123.0	7,200	45.7	121.8	7,400							130
140	38.3	111.0	6,300										140
130 Ft. Boom													
40	79.6	184.9	20,000 *										40
45	77.9	183.8	20,000 *	80.2	183.0	19,900 *							45
50	76.3	182.6	20,000 *	78.5	181.8	19,600 *	80.8	180.1	16,800 *				50
55	74.7	181.2	20,000 *	76.9	180.4	19,300 *	79.1	178.7	15,800 *				55
60	73.0	179.7	19,500 *	75.2	178.8	18,900 *	77.4	177.1	15,000 *	79.6	174.4	11,000 *	60
65	71.3	177.9	19,200 *	73.5	177.1	18,500 *	75.7	175.4	14,200 *	77.8	172.6	10,600 *	65
70	69.6	176.1	17,800	71.8	175.2	17,300 *	74.0	173.5	13,500 *	76.1	170.7	10,200 *	70
75	67.9	174.0	16,200	70.1	173.2	16,200 *	72.2	171.4	12,900 *	74.3	168.6	9,800 *	75
80	66.2	171.8	14,800	68.3	170.9	15,100	70.5	169.1	12,300 *	72.5	166.3	9,500 *	80
90	62.6	166.8	12,500	64.8	165.9	12,800	66.9	164.0	11,300 *	68.9	161.1	8,900 *	90
100	59.0	160.9	10,700	61.1	160.0	10,900	63.1	158.1	10,500 *	65.0	155.0	8,400 *	100
110	55.1	154.2	9,200	57.2	153.2	9,400	59.2	151.2	9,600	61.1	148.0	7,900 *	110
120	51.1	146.4	8,000	53.2	145.4	8,200	55.1	143.2	8,400				120
130	46.8	137.3	7,000	48.9	136.3	7,100							130
140	42.2	126.8	6,100	44.2	125.6	6,200							140
150	37.1	114.3	5,400 *										150



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

50 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. Boom													
40	80.1	195.1	20,000 *										40
45	78.6	194.1	20,000 *	80.7	193.3	19,600 *							45
50	77.0	192.9	20,000 *	79.1	192.1	19,300 *							50
55	75.5	191.6	19,700 *	77.6	190.8	19,100 *	79.7	189.1	16,200 *				55
60	73.9	190.1	19,300 *	76.0	189.3	18,800 *	78.1	187.6	15,300 *	80.2	184.8	11,200 *	60
65	72.3	188.5	18,900 *	74.4	187.7	18,500 *	76.5	186.0	14,500 *	78.5	183.2	10,700 *	65
70	70.7	186.8	17,600	72.8	185.9	18,000 *	74.9	184.2	13,800 *	76.9	181.3	10,300 *	70
75	69.1	184.8	16,000	71.2	184.0	16,300	73.2	182.2	13,200 *	75.2	179.3	10,000 *	75
80	67.5	182.7	14,600	69.6	181.9	14,900	71.6	180.1	12,600 *	73.6	177.2	9,600 *	80
90	64.2	178.0	12,300	66.2	177.2	12,600	68.2	175.3	11,600 *	70.1	172.3	9,000 *	90
100	60.8	172.6	10,500	62.8	171.7	10,700	64.7	169.8	10,800 *	66.6	166.7	8,500 *	100
110	57.2	166.4	9,000	59.2	165.4	9,200	61.1	163.4	9,500	62.9	160.2	8,100 *	110
120	53.5	159.2	7,800	55.5	158.2	8,000	57.4	156.1	8,200				120
130	49.6	151.0	6,800	51.6	149.9	6,900	53.4	147.7	7,100				130
140	45.5	141.5	5,900	47.4	140.4	6,000							140
150	41.0	130.5	5,100	42.9	129.2	5,300							150
160	36.1	117.5	4,300 *										160
150 Ft. Boom													
40	80.6	205.3	20,000 *										40
45	79.2	204.3	20,000 *										45
50	77.7	203.2	19,600 *	79.7	202.4	19,000 *							50
55	76.2	202.0	19,300 *	78.2	201.1	18,800 *	80.2	199.4	16,500 *				55
60	74.7	200.6	19,000 *	76.7	199.7	18,500 *	78.7	198.0	15,600 *	80.7	195.2	11,300 *	60
65	73.2	199.1	18,600 *	75.2	198.2	18,300 *	77.2	196.4	14,900 *	79.1	193.6	10,900 *	65
70	71.7	197.4	17,300	73.7	196.5	17,700	75.7	194.8	14,200 *	77.6	191.9	10,500 *	70
75	70.2	195.6	15,700	72.2	194.7	16,100	74.1	192.9	13,500 *	76.0	190.0	10,100 *	75
80	68.7	193.6	14,300	70.7	192.7	14,700	72.6	190.9	13,000 *	74.5	188.0	9,800 *	80
90	65.6	189.2	12,000	67.5	188.3	12,400	69.4	186.4	12,000 *	71.2	183.4	9,200 *	90
100	62.4	184.1	10,200	64.3	183.2	10,500	66.2	181.3	10,800	67.9	178.2	8,700 *	100
110	59.1	178.3	8,800	61.0	177.3	9,000	62.8	175.3	9,300	64.5	172.1	8,300 *	110
120	55.6	171.6	7,600	57.5	170.6	7,800	59.3	168.6	8,000	60.9	165.2	7,900 *	120
130	52.1	164.0	6,500	53.9	163.0	6,700	55.7	160.8	6,900				130
140	48.3	155.4	5,700	50.1	154.3	5,800	51.8	152.0	6,000				140
150	44.3	145.5	4,900 *	46.1	144.3	5,000							150
160	39.9	134.1	4,100 *										160

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

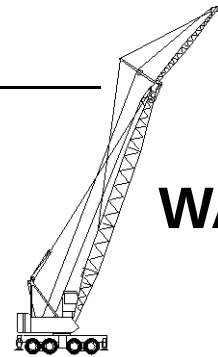
50 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. Boom													
45	79.7	214.5	19,400 *										45
50	78.3	213.5	19,200 *	80.2	212.6	18,700 *							50
55	76.9	212.3	18,900 *	78.8	211.4	18,500 *	80.7	209.7	16,800 *				55
60	75.5	211.0	18,600 *	77.4	210.1	18,200 *	79.3	208.4	15,900 *				60
65	74.1	209.5	18,300 *	76.0	208.7	18,000 *	77.8	206.9	15,200 *	79.7	204.0	11,000 *	65
70	72.6	207.9	16,800 *	74.5	207.1	17,200 *	76.4	205.3	14,500 *	78.2	202.4	10,600 *	70
75	71.2	206.2	15,300 *	73.1	205.4	15,700 *	74.9	203.5	13,800 *	76.8	200.6	10,300 *	75
80	69.8	204.4	14,000 *	71.6	203.5	14,300 *	73.5	201.7	13,300 *	75.3	198.7	9,900 *	80
90	66.8	200.2	11,800 *	68.7	199.3	12,100 *	70.5	197.4	12,300 *	72.2	194.4	9,300 *	90
100	63.8	195.4	10,000 *	65.6	194.5	10,300 *	67.4	192.6	10,600	69.1	189.5	8,800 *	100
110	60.7	189.9	8,500 *	62.5	189.0	8,800	64.3	187.0	9,000	65.9	183.8	8,400 *	110
120	57.5	183.7	7,300 *	59.3	182.7	7,500	61.0	180.7	7,700	62.6	177.4	8,000 *	120
130	54.2	176.7	6,200 *	56.0	175.7	6,500 *	57.6	173.5	6,700				130
140	50.7	168.7	5,300 *	52.5	167.7	5,600 *	54.1	165.4	5,700				140
150	47.0	159.7	4,500 *	48.8	158.6	4,700 *							150
170 Ft. Boom													
45	80.1	224.7	18,700 *										45
50	78.8	223.7	18,500 *	80.6	222.9	18,200 *							50
55	77.5	222.6	18,300 *	79.3	221.7	18,000 *							55
60	76.2	221.3	18,000 *	78.0	220.5	17,800 *	79.8	218.7	16,200 *				60
65	74.8	219.9	17,800 *	76.6	219.1	17,600 *	78.4	217.3	15,400 *	80.2	214.4	11,100 *	65
70	73.5	218.4	16,200 *	75.3	217.6	16,600 *	77.0	215.8	14,800 *	78.8	212.9	10,700 *	70
75	72.1	216.8	14,700 *	73.9	215.9	15,100 *	75.7	214.1	14,100 *	77.4	211.2	10,400 *	75
80	70.7	215.0	13,400 *	72.5	214.2	13,800 *	74.3	212.3	13,600 *	76.0	209.4	10,100 *	80
90	67.9	211.1	11,200 *	69.7	210.2	11,600 *	71.4	208.3	12,000 *	73.1	205.3	9,500 *	90
100	65.1	206.6	9,500 *	66.8	205.6	9,800 *	68.6	203.7	10,200 *	70.2	200.6	9,000 *	100
110	62.2	201.4	8,000 *	63.9	200.5	8,400 *	65.6	198.5	8,700 *	67.2	195.3	8,500 *	110
120	59.1	195.6	6,800 *	60.9	194.6	7,100 *	62.5	192.6	7,500 *	64.1	189.3	7,800 *	120
130	56.0	189.0	5,800 *	57.8	188.0	6,100 *	59.4	185.9	6,400 *	60.8	182.5	6,700 *	130
140	52.8	181.6	4,900 *	54.5	180.6	5,200 *	56.1	178.4	5,400 *				140
150	49.4	173.3	4,100 *	51.1	172.2	4,300 *	52.6	169.9	4,600 *				150

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

50 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. Boom													
45	80.6	234.9	18,000 *										45
50	79.3	233.9	17,800 *										50
55	78.0	232.8	17,600 *	79.8	232.0	17,600 *							55
60	76.8	231.6	17,400 *	78.5	230.8	17,400 *	80.2	229.0	16,400 *				60
65	75.5	230.3	17,200 *	77.2	229.5	17,200 *	78.9	227.7	15,700 *	80.6	224.8	11,200 *	65
70	74.2	228.9	15,500 *	75.9	228.0	16,000 *	77.6	226.2	15,000 *	79.3	223.3	10,800 *	70
75	72.9	227.3	14,100 *	74.6	226.5	14,500 *	76.3	224.6	14,400 *	78.0	221.7	10,500 *	75
80	71.6	225.7	12,800 *	73.3	224.8	13,200 *	75.0	222.9	13,700 *	76.6	220.0	10,200 *	80
90	68.9	221.9	10,600 *	70.6	221.0	11,000 *	72.3	219.1	11,500 *	73.9	216.1	9,600 *	90
100	66.2	217.6	8,900 *	67.9	216.7	9,300 *	69.6	214.8	9,700 *	71.1	211.7	9,100 *	100
110	63.5	212.7	7,500 *	65.1	211.8	7,900 *	66.8	209.8	8,200 *	68.3	206.7	8,600 *	110
120	60.6	207.2	6,300 *	62.3	206.3	6,700 *	63.9	204.2	7,000 *	65.4	201.0	7,400 *	120
130	57.7	201.1	5,300 *	59.4	200.1	5,600 *	60.9	198.0	5,900 *	62.4	194.6	6,300 *	130
140	54.7	194.2	4,400 *	56.3	193.1	4,700 *	57.9	191.0	5,000 *				140
150							54.7	183.1	4,200 *				150

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

60 Ft. Fixed Jib

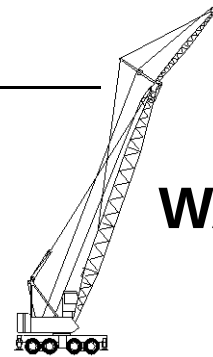
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. Boom													
30	80.3	136.0	18,200 *										30
35	78.0	134.8	17,800 *										35
40	75.8	133.5	17,500 *	79.5	132.8	16,800 *							40
45	73.5	132.0	17,000 *	77.2	131.2	16,200 *	81.0	129.7	13,600 *				45
50	71.2	130.2	16,400 *	74.8	129.4	15,500 *	78.6	127.9	12,500 *				50
55	68.8	128.2	15,800 *	72.5	127.4	14,100 *	76.2	125.8	11,600 *	79.9	123.3	9,000 *	55
60	66.4	125.9	15,300 *	70.1	125.2	12,900 *	73.7	123.5	10,800 *	77.4	120.9	8,500 *	60
65	63.9	123.4	14,500 *	67.6	122.6	11,900 *	71.2	121.0	10,100 *	74.8	118.3	8,000 *	65
70	61.4	120.7	13,200 *	65.1	119.8	11,100 *	68.7	118.1	9,500 *	72.2	115.4	7,600 *	70
75	58.9	117.6	12,100 *	62.5	116.7	10,300 *	66.0	115.0	9,000 *	69.5	112.1	7,300 *	75
80	56.2	114.2	11,200 *	59.8	113.3	9,700 *	63.3	111.5	8,500 *	66.7	108.6	6,900 *	80
90	50.6	106.2	9,700 *	54.2	105.3	8,600 *	57.6	103.3	7,700 *	60.8	100.2	6,400 *	90
100	44.5	96.5	8,500 *	48.0	95.5	7,700 *	51.2	93.3	7,100 *				100
110	37.6	84.3	7,600 *										110
80 Ft. Boom													
30	81.0	146.1	17,900 *										30
35	78.9	145.1	17,600 *										35
40	76.8	143.9	17,300 *	80.3	143.1	16,800 *							40
45	74.7	142.4	17,000 *	78.1	141.7	16,300 *							45
50	72.6	140.8	16,600 *	76.0	140.0	15,800 *	79.5	138.4	12,900 *				50
55	70.4	139.0	16,000 *	73.8	138.2	14,900 *	77.2	136.5	12,000 *	80.7	133.8	9,200 *	55
60	68.2	136.9	15,500 *	71.6	136.1	13,700 *	75.0	134.4	11,200 *	78.4	131.7	8,700 *	60
65	66.0	134.6	15,000 *	69.3	133.8	12,700 *	72.7	132.1	10,500 *	76.1	129.3	8,200 *	65
70	63.7	132.1	14,400 *	67.0	131.3	11,800 *	70.4	129.5	9,900 *	73.7	126.7	7,800 *	70
75	61.3	129.3	13,200 *	64.7	128.4	11,000 *	68.0	126.6	9,400 *	71.3	123.7	7,500 *	75
80	58.9	126.2	12,200 *	62.3	125.4	10,300 *	65.6	123.5	8,900 *	68.8	120.5	7,200 *	80
90	54.0	119.2	10,500 *	57.3	118.2	9,100 *	60.5	116.3	8,100 *	63.5	113.1	6,600 *	90
100	48.6	110.7	9,300 *	51.9	109.7	8,200 *	54.9	107.5	7,400 *				100
110	42.8	100.3	8,300 *	45.9	99.2	7,500 *							110
120	36.1	87.4	7,400 *										120
90 Ft. Boom													
35	79.7	155.3	17,400 *										35
40	77.7	154.2	17,200 *	80.9	153.4	16,700 *							40
45	75.7	152.9	16,900 *	79.0	152.1	16,300 *							45
50	73.8	151.4	16,600 *	77.0	150.5	15,900 *	80.2	148.8	13,300 *				50
55	71.8	149.7	16,200 *	74.9	148.8	15,500 *	78.2	147.1	12,400 *				55
60	69.7	147.7	15,700 *	72.9	146.9	14,400 *	76.1	145.2	11,600 *	79.3	142.3	8,800 *	60
65	67.7	145.6	15,200 *	70.8	144.8	13,300 *	74.0	143.0	10,900 *	77.1	140.1	8,400 *	65
70	65.6	143.3	14,800 *	68.7	142.4	12,400 *	71.8	140.6	10,300 *	74.9	137.7	8,000 *	70
75	63.4	140.8	14,300 *	66.6	139.9	11,600 *	69.7	138.0	9,700 *	72.7	135.1	7,700 *	75
80	61.2	138.0	13,200 *	64.4	137.1	10,900 *	67.4	135.2	9,200 *	70.4	132.1	7,300 *	80
90	56.7	131.6	11,400 *	59.8	130.6	9,700 *	62.8	128.6	8,400 *	65.7	125.4	6,800 *	90
100	52.0	124.0	10,000 *	55.0	123.0	8,700 *	57.9	120.8	7,700 *	60.7	117.4	6,300 *	100
110	46.8	114.9	8,900 *	49.8	113.8	7,900 *	52.6	111.5	7,200 *				110
120	41.2	104.0	8,000 *	44.1	102.8	7,300 *							120
130	34.8	90.4	7,300 *										130



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

60 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. Boom													
35	80.3	165.5	17,200 *										35
40	78.5	164.5	17,000 *										40
45	76.7	163.2	16,700 *	79.7	162.4	16,300 *							45
50	74.8	161.8	16,400 *	77.8	161.0	15,900 *	80.8	159.2	13,600 *				50
55	72.9	160.2	16,100 *	75.9	159.4	15,500 *	78.9	157.6	12,700 *				55
60	71.0	158.5	15,800 *	74.0	157.6	15,100 *	77.0	155.8	11,900 *	80.0	152.9	9,000 *	60
65	69.1	156.5	15,300 *	72.1	155.6	14,000 *	75.1	153.8	11,200 *	78.0	150.9	8,600 *	65
70	67.2	154.4	14,900 *	70.1	153.5	13,000 *	73.1	151.6	10,600 *	76.0	148.6	8,200 *	70
75	65.2	152.0	14,500 *	68.2	151.1	12,200 *	71.1	149.2	10,100 *	74.0	146.2	7,800 *	75
80	63.2	149.4	14,100 *	66.1	148.5	11,400 *	69.0	146.6	9,600 *	71.9	143.5	7,500 *	80
90	59.1	143.6	12,300 *	62.0	142.6	10,200 *	64.8	140.6	8,700 *	67.5	137.4	7,000 *	90
100	54.8	136.7	10,800 *	57.6	135.7	9,200 *	60.4	133.6	8,000 *	63.0	130.1	6,500 *	100
110	50.2	128.6	9,600 *	53.0	127.5	8,400 *	55.7	125.2	7,400 *				110
120	45.2	119.0	8,600 *	48.0	117.8	7,700 *							120
130	39.8	107.5	7,800										130
110 Ft. Boom													
35	80.9	175.7	16,900 *										35
40	79.2	174.7	16,700 *										40
45	77.5	173.5	16,500 *	80.3	172.7	16,200 *							45
50	75.7	172.2	16,200 *	78.5	171.4	15,800 *							50
55	74.0	170.7	15,900 *	76.8	169.9	15,500 *	79.6	168.0	13,000 *				55
60	72.2	169.1	15,700 *	75.0	168.2	15,200 *	77.8	166.4	12,200 *	80.7	163.4	9,100 *	60
65	70.4	167.3	15,400 *	73.2	166.4	14,600 *	76.0	164.5	11,500 *	78.8	161.5	8,700 *	65
70	68.6	165.3	15,000 *	71.4	164.4	13,600 *	74.2	162.5	10,900 *	76.9	159.4	8,300 *	70
75	66.8	163.1	14,600 *	69.6	162.1	12,800 *	72.3	160.2	10,400 *	75.0	157.1	8,000 *	75
80	64.9	160.7	14,200 *	67.7	159.7	12,000 *	70.4	157.8	9,900 *	73.1	154.6	7,700 *	80
90	61.1	155.3	13,100	63.8	154.3	10,700 *	66.5	152.3	9,000 *	69.1	149.0	7,100 *	90
100	57.1	149.0	11,300	59.8	148.0	9,700 *	62.5	145.8	8,300 *	65.0	142.4	6,700 *	100
110	53.0	141.6	9,800	55.6	140.5	8,800 *	58.2	138.3	7,700 *	60.6	134.7	6,300 *	110
120	48.5	133.0	8,600	51.2	131.9	8,100 *	53.7	129.5	7,200 *				120
130	43.8	123.0	7,600	46.4	121.7	7,500 *							130
140	38.5	110.9	6,700										140

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

60 Ft. Fixed Jib

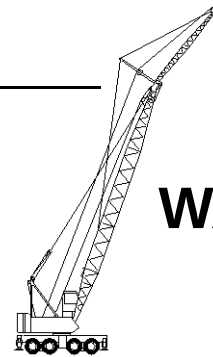
Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. Boom													
40	79.8	184.9	16,400 *										40
45	78.2	183.8	16,200 *	80.8	182.9	16,100 *							45
50	76.5	182.6	16,000 *	79.2	181.7	15,800 *							50
55	74.9	181.2	15,800 *	77.5	180.3	15,400 *	80.2	178.4	13,300 *				55
60	73.2	179.6	15,500 *	75.9	178.7	15,100 *	78.5	176.8	12,500 *				60
65	71.5	177.9	15,300 *	74.2	177.0	14,800 *	76.8	175.1	11,800 *	79.5	172.0	8,800 *	65
70	69.9	176.0	15,000 *	72.5	175.1	14,200 *	75.1	173.2	11,200 *	77.7	170.1	8,400 *	70
75	68.1	174.0	14,700 *	70.8	173.1	13,300 *	73.4	171.1	10,700 *	75.9	168.0	8,100 *	75
80	66.4	171.8	14,300 *	69.0	170.8	12,500 *	71.6	168.8	10,200 *	74.1	165.6	7,800 *	80
90	62.9	166.7	12,800	65.5	165.8	11,200 *	68.0	163.7	9,300 *	70.5	160.4	7,300 *	90
100	59.2	160.9	11,000	61.8	159.9	10,100 *	64.3	157.8	8,600 *	66.6	154.3	6,800 *	100
110	55.4	154.2	9,500	57.9	153.1	9,200 *	60.3	150.9	8,000 *	62.6	147.3	6,400 *	110
120	51.3	146.4	8,300	53.9	145.2	8,500 *	56.2	142.9	7,500 *				120
130	47.1	137.3	7,300	49.5	136.1	7,500	51.8	133.6	7,000 *				130
140	42.5	126.8	6,400	44.9	125.5	6,500							140
150	37.4	114.2	5,600										150
130 Ft. Boom													
40	80.3	195.1	16,100 *										40
45	78.8	194.1	15,900 *										45
50	77.3	192.9	15,700 *	79.8	192.0	15,600 *							50
55	75.7	191.6	15,500 *	78.2	190.7	15,300 *	80.8	188.8	13,500 *				55
60	74.1	190.1	15,300 *	76.7	189.2	15,000 *	79.2	187.3	12,800 *				60
65	72.6	188.5	15,100 *	75.1	187.6	14,800 *	77.6	185.6	12,100 *	80.1	182.5	8,900 *	65
70	71.0	186.7	14,800 *	73.5	185.8	14,500 *	76.0	183.8	11,500 *	78.4	180.7	8,600 *	70
75	69.4	184.8	14,700 *	71.8	183.9	13,900 *	74.3	181.9	10,900 *	76.8	178.7	8,200 *	75
80	67.7	182.7	14,300 *	70.2	181.8	13,100 *	72.7	179.8	10,400 *	75.1	176.5	7,900 *	80
90	64.4	178.0	12,600	66.9	177.0	11,700 *	69.3	175.0	9,600 *	71.6	171.6	7,400 *	90
100	61.0	172.6	10,800	63.4	171.6	10,600 *	65.8	169.4	8,800 *	68.1	166.0	7,000 *	100
110	57.4	166.3	9,300	59.9	165.3	9,500	62.2	163.1	8,200 *	64.4	159.5	6,600 *	110
120	53.7	159.2	8,100	56.1	158.1	8,300	58.4	155.7	7,700 *	60.5	152.0	6,200 *	120
130	49.9	150.9	7,000	52.2	149.8	7,200	54.4	147.3	7,300 *				130
140	45.7	141.5	6,200	48.0	140.2	6,300							140
150	41.2	130.5	5,400	43.5	129.1	5,600							150
160	36.3	117.4	4,700 *										160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

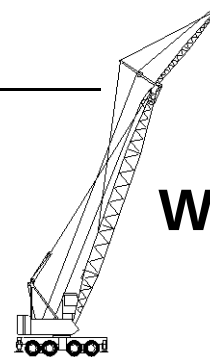
60 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. Boom													
40	80.8	205.3	15,800 *										40
45	79.4	204.3	15,500 *										45
50	77.9	203.2	15,400 *	80.3	202.3	15,500 *							50
55	76.4	201.9	15,200 *	78.8	201.0	15,200 *							55
60	74.9	200.6	15,000 *	77.3	199.6	14,900 *	79.8	197.7	13,000 *				60
65	73.5	199.0	14,800 *	75.8	198.1	14,700 *	78.2	196.1	12,300 *	80.6	192.9	9,000 *	65
70	72.0	197.4	14,600 *	74.3	196.4	14,400 *	76.7	194.4	11,700 *	79.1	191.2	8,700 *	70
75	70.4	195.5	14,500 *	72.8	194.6	14,100 *	75.2	192.6	11,200 *	77.5	189.3	8,400 *	75
80	68.9	193.6	14,300 *	71.3	192.6	13,600 *	73.6	190.6	10,700 *	75.9	187.3	8,100 *	80
90	65.8	189.2	12,400	68.1	188.2	12,200 *	70.4	186.1	9,800 *	72.7	182.7	7,500 *	90
100	62.6	184.1	10,500	64.9	183.0	10,900	67.2	180.9	9,100 *	69.3	177.4	7,100 *	100
110	59.3	178.2	9,100	61.6	177.2	9,300	63.8	175.0	8,500 *	65.9	171.4	6,700 *	110
120	55.8	171.6	7,900	58.1	170.5	8,100	60.3	168.2	7,900 *	62.3	164.4	6,400 *	120
130	52.3	164.0	6,800	54.5	162.9	7,000	56.6	160.4	7,200				130
140	48.5	155.4	6,000	50.7	154.2	6,100	52.8	151.6	6,300				140
150	44.5	145.5	5,200	46.7	144.2	5,400							150
160	40.1	134.0	4,500 *										160
150 Ft. Boom													
45	79.9	214.5	15,200 *										45
50	78.5	213.5	15,000 *	80.8	212.5	15,200 *							50
55	77.1	212.3	14,800 *	79.4	211.3	15,100 *							55
60	75.7	211.0	14,700 *	78.0	210.0	14,800 *	80.3	208.0	13,200 *				60
65	74.3	209.5	14,500 *	76.5	208.5	14,500 *	78.8	206.5	12,600 *				65
70	72.8	207.9	14,300 *	75.1	207.0	14,300 *	77.4	204.9	12,000 *	79.6	201.7	8,800 *	70
75	71.4	206.2	14,100 *	73.7	205.2	14,100 *	75.9	203.2	11,400 *	78.1	199.9	8,500 *	75
80	70.0	204.3	14,000 *	72.2	203.4	13,800 *	74.4	201.3	10,900 *	76.6	198.0	8,200 *	80
90	67.0	200.2	12,100	69.2	199.2	12,500	71.4	197.1	10,100 *	73.6	193.7	7,600 *	90
100	64.0	195.4	10,300	66.2	194.3	10,600	68.4	192.2	9,300 *	70.5	188.7	7,200 *	100
110	60.9	189.9	8,800	63.1	188.8	9,100	65.2	186.6	8,700 *	67.2	183.0	6,800 *	110
120	57.7	183.7	7,600	59.9	182.6	7,900	62.0	180.3	8,100	63.9	176.6	6,500 *	120
130	54.4	176.7	6,600	56.5	175.5	6,800	58.6	173.1	7,000				130
140	50.9	168.7	5,700	53.0	167.5	5,900	55.0	165.0	6,100				140
150	47.2	159.7	4,900 *	49.3	158.4	5,100	51.3	155.7	5,300				150
160	43.3	149.4	4,200 *	45.4	148.0	4,500 *							160

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
63,300 Lb. Counterweight
360 Degree Static Rating On Rubber

Meets
ANSI B30.5
Requirements



**222
WAGON**

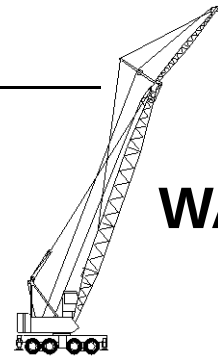
60 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. Boom													
45	80.3	224.7	14,800 *										45
50	79.0	223.7	14,600 *										50
55	77.7	222.6	14,500 *	79.9	221.6	14,700 *							55
60	76.3	221.3	14,300 *	78.5	220.3	14,600 *	80.7	218.3	13,400 *				60
65	75.0	219.9	14,200 *	77.2	219.0	14,400 *	79.4	216.9	12,800 *				65
70	73.6	218.4	14,000 *	75.8	217.5	14,100 *	78.0	215.4	12,200 *	80.1	212.1	8,900 *	70
75	72.3	216.8	13,800 *	74.4	215.8	13,900 *	76.6	213.7	11,700 *	78.7	210.4	8,600 *	75
80	70.9	215.0	13,700 *	73.1	214.0	13,700 *	75.2	212.0	11,200 *	77.3	208.6	8,300 *	80
90	68.1	211.1	11,700 *	70.3	210.1	12,100 *	72.4	207.9	10,300 *	74.4	204.5	7,800 *	90
100	65.3	206.5	9,900 *	67.4	205.5	10,300 *	69.5	203.3	9,500 *	71.5	199.8	7,300 *	100
110	62.3	201.4	8,500 *	64.5	200.3	8,800 *	66.5	198.1	8,900 *	68.4	194.5	6,900 *	110
120	59.3	195.6	7,200 *	61.4	194.5	7,600 *	63.4	192.2	7,900 *	65.3	188.5	6,600 *	120
130	56.2	189.0	6,200 *	58.3	187.9	6,500 *	60.3	185.5	6,800	62.1	181.6	6,300 *	130
140	53.0	181.6	5,300 *	55.1	180.4	5,600 *	57.0	177.9	5,900 *				140
150	49.6	173.3	4,500 *	51.7	172.0	4,800 *	53.5	169.4	5,100 *				150
160				48.1	162.6	4,000 *							160
170 Ft. Boom													
45	80.8	234.9	14,300 *										45
50	79.5	233.9	14,100 *										50
55	78.2	232.8	14,000 *	80.3	231.9	14,300 *							55
60	77.0	231.6	13,900 *	79.0	230.7	14,200 *							60
65	75.7	230.3	13,700 *	77.8	229.3	14,200 *	79.8	227.3	13,000 *				65
70	74.4	228.9	13,600 *	76.5	227.9	14,000 *	78.5	225.8	12,400 *	80.6	222.5	8,900 *	70
75	73.1	227.3	13,400 *	75.1	226.3	13,800 *	77.2	224.2	11,900 *	79.2	220.9	8,600 *	75
80	71.8	225.6	13,200 *	73.8	224.6	13,500 *	75.9	222.5	11,400 *	77.9	219.2	8,400 *	80
90	69.1	221.9	11,100 *	71.2	220.9	11,500 *	73.2	218.7	10,500 *	75.2	215.3	7,900 *	90
100	66.4	217.6	9,400 *	68.4	216.6	9,800 *	70.4	214.4	9,800 *	72.4	210.9	7,400 *	100
110	63.6	212.7	8,000 *	65.7	211.7	8,300 *	67.6	209.4	8,700 *	69.5	205.8	7,000 *	110
120	60.8	207.2	6,800 *	62.8	206.1	7,100 *	64.8	203.8	7,500 *	66.6	200.1	6,700 *	120
130	57.9	201.1	5,700 *	59.9	199.9	6,100 *	61.8	197.5	6,400 *	63.5	193.7	6,400 *	130
140	54.9	194.1	4,800 *	56.9	193.0	5,200 *	58.7	190.5	5,500 *				140
150	51.7	186.4	4,100 *	53.7	185.2	4,400 *	55.5	182.6	4,700 *				150

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 63,300 Lb. Counterweight
 360 Degree Static Rating On Rubber

Meets
 ANSI B30.5
 Requirements



**222
 WAGON**

60 Ft. Fixed Jib

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. Boom													
50	79.9	244.1	13,700 *										50
55	78.7	243.1	13,600 *	80.7	242.1	13,900 *							55
60	77.5	241.9	13,400 *	79.5	240.9	13,800 *							60
65	76.3	240.7	13,300 *	78.3	239.7	13,800 *	80.3	237.6	13,200 *				65
70	75.0	239.3	13,100 *	77.0	238.3	13,700 *	79.0	236.2	12,600 *	81.0	232.9	9,000 *	70
75	73.8	237.8	13,100 *	75.8	236.8	13,500 *	77.8	234.7	12,100 *	79.7	231.3	8,700 *	75
80	72.6	236.2	12,700 *	74.5	235.2	13,200 *	76.5	233.1	11,600 *	78.4	229.7	8,400 *	80
90	70.0	232.6	10,500 *	72.0	231.6	11,000 *	73.9	229.4	10,700 *	75.8	226.0	7,900 *	90
100	67.5	228.5	8,800 *	69.4	227.5	9,300 *	71.3	225.3	9,700 *	73.2	221.8	7,500 *	100
110	64.8	223.9	7,400 *	66.8	222.8	7,800 *	68.7	220.6	8,300 *	70.5	217.0	7,100 *	110
120	62.1	218.7	6,300 *	64.1	217.6	6,700 *	65.9	215.3	7,000 *	67.7	211.6	6,800 *	120
130	59.4	212.9	5,300 *	61.3	211.8	5,600 *	63.1	209.4	6,000 *	64.8	205.6	6,400 *	130
140	56.6	206.4	4,400 *	58.5	205.2	4,700 *	60.3	202.8	5,100 *	61.9	198.8	5,400 *	140
150				55.5	197.9	4,000 *	57.3	195.4	4,300 *				150