

Liftcrane Jib Capacities

**Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating**

Meets
ANSI B30.5
Requirements

222HD

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9118-AM**. 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 crawlers fully extended (5 105 mm) and gantry up. Refer to boom rigging **No. 913235**, jib assembly **No. 911092** and Wire Rope Specification chart **No. 9175-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 9143-C**.

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 6 807 mm extendible crawlers, 914 mm treads, 4 724 mm retractable gantry, 10 part boom hoist reeving, two 32 mm boom pendants, 1st crane counterweight = 12 930 kg, 2nd crane counterweight = 11 250 kg.

Maximum capacity on 22 mm wire rope is 9 070 kg.

Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over Side of Extended Crawlers	
Boom Length	Jib No. 10	Boom Length	Jib No. 10
61.0m	—	61.0m	—
57.9m	18.3m	57.9m	—
		54.9m	12.2m
		51.8m	18.3m
Load block, hook and weight ball on ground at start.			

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9.1m (30 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
21.3m (70 Ft.) BOOM													
7.6	78.4	31.7	9 000 *	80.8	31.6	9 000 *							7.6
8.0	77.6	31.6	9 000 *	80.1	31.5	9 000 *							8.0
10.0	73.8	31.1	9 000 *	76.2	31.0	9 000 *	78.6	30.7	9 000 *				10.0
12.0	69.8	30.4	9 000 *	72.2	30.3	9 000 *	74.6	30.1	9 000 *	77.0	29.6	8 200 *	12.0
14.0	65.8	29.6	9 000 *	68.2	29.5	9 000 *	70.5	29.2	9 000 *	72.8	28.7	7 500 *	14.0
16.0	61.6	28.6	9 000 *	64.0	28.5	9 000 *	66.3	28.2	8 900 *	68.5	27.7	7 000 *	16.0
18.0	57.3	27.4	9 000 *	59.6	27.3	9 000 *	61.8	27.0	8 300 *	64.0	26.5	6 500 *	18.0
20.0	52.7	26.0	8 300	55.0	25.8	8 300	57.2	25.5	7 600 *				20.0
22.0	47.8	24.3	7 300	50.1	24.1	7 300	52.2	23.8	7 100 *				22.0
26.0	36.6	19.8	5 800										26.0
24.4m (80 Ft.) BOOM													
7.6	79.4	34.8	9 000 *										7.6
8.0	78.8	34.8	9 000 *										8.0
10.0	75.3	34.3	9 000 *	77.5	34.2	9 000 *							10.0
12.0	71.7	33.7	9 000 *	73.9	33.6	9 000 *	76.1	33.3	9 000 *	78.2	32.8	8 400 *	12.0
14.0	68.1	32.9	9 000 *	70.3	32.8	9 000 *	72.4	32.5	9 000 *	74.5	32.0	7 800 *	14.0
16.0	64.4	32.0	9 000 *	66.5	31.9	9 000 *	68.6	31.6	9 000 *	70.7	31.1	7 200 *	16.0
18.0	60.6	31.0	9 000 *	62.7	30.8	9 000 *	64.7	30.5	8 700 *	66.7	30.0	6 800 *	18.0
20.0	56.6	29.7	8 100	58.7	29.6	8 200	60.7	29.3	8 000	62.6	28.7	6 400 *	20.0
22.0	52.4	28.3	7 100	54.5	28.1	7 200	56.4	27.8	7 300				22.0
26.0	43.1	24.6	5 600	45.2	24.4	5 700							26.0
27.4m (90 Ft.) BOOM													
7.6	80.3	37.9	9 000 *										7.6
8.0	79.7	37.9	9 000 *										8.0
10.0	76.5	37.4	9 000 *	78.5	37.3	9 000 *							10.0
12.0	73.3	36.9	9 000 *	75.3	36.8	9 000 *	77.3	36.5	9 000 *				12.0
14.0	70.0	36.2	9 000 *	72.0	36.1	9 000 *	74.0	35.8	9 000 *	75.9	35.3	8 000 *	14.0
16.0	66.7	35.4	9 000 *	68.6	35.3	9 000 *	70.6	35.0	9 000 *	72.5	34.5	7 500 *	16.0
18.0	63.2	34.4	9 000 *	65.2	34.3	9 000 *	67.1	34.0	9 000 *	68.9	33.5	7 000 *	18.0
20.0	59.7	33.3	8 000	61.6	33.2	8 100	63.5	32.9	8 200	65.3	32.4	6 600 *	20.0
22.0	56.0	32.1	7 000	57.9	31.9	7 100	59.7	31.6	7 200	61.4	31.0	6 300 *	22.0
26.0	48.0	28.9	5 500	49.9	28.7	5 500							26.0
30.0	38.9	24.6	4 400										30.0
30.5m (100 Ft.) BOOM													
9.1	78.8	40.7	9 000 *	80.7	40.6	9 000 *							9.1
10.0	77.6	40.6	9 000 *	79.4	40.4	9 000 *							10.0
12.0	74.6	40.0	9 000 *	76.5	39.9	9 000 *	78.3	39.6	9 000 *				12.0
14.0	71.6	39.4	9 000 *	73.4	39.3	9 000 *	75.3	39.0	9 000 *	77.1	38.5	8 200 *	14.0
16.0	68.5	38.7	9 000 *	70.4	38.6	9 000 *	72.2	38.3	9 000 *	73.9	37.8	7 700 *	16.0
18.0	65.4	37.8	9 000 *	67.2	37.7	9 000 *	69.0	37.4	9 000 *	70.7	36.9	7 200 *	18.0
20.0	62.2	36.8	8 000	64.0	36.7	8 100	65.7	36.4	8 200	67.4	35.9	6 800 *	20.0
22.0	58.9	35.7	7 000	60.7	35.5	7 100	62.4	35.2	7 200	64.0	34.7	6 500 *	22.0
26.0	51.9	32.9	5 500	53.6	32.7	5 500	55.3	32.4	5 600				26.0
30.0	44.1	29.2	4 400	45.8	29.1	4 500							30.0
34.0	35.0	24.3	3 600										34.0

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Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
33.5m (110 Ft.) BOOM													
9.1	79.6	43.8	9 000 *										9.1
10.0	78.5	43.7	9 000 *										10.0
12.0	75.7	43.2	9 000 *	77.5	43.1	9 000 *	79.2	42.8	9 000 *				12.0
14.0	73.0	42.6	9 000 *	74.7	42.5	9 000 *	76.4	42.2	9 000 *	78.0	41.7	8 400 *	14.0
16.0	70.1	42.0	9 000 *	71.8	41.8	9 000 *	73.5	41.5	9 000 *	75.2	41.0	7 900 *	16.0
18.0	67.3	41.2	8 900	69.0	41.0	9 000 *	70.6	40.7	9 000 *	72.2	40.2	7 400 *	18.0
20.0	64.3	40.2	7 800	66.0	40.1	8 000	67.6	39.8	8 100	69.2	39.3	7 000 *	20.0
22.0	61.3	39.2	6 900	63.0	39.1	6 900	64.6	38.8	7 100	66.1	38.2	6 700 *	22.0
26.0	55.0	36.7	5 400	56.7	36.6	5 500	58.2	36.2	5 500				26.0
30.0	48.2	33.5	4 300	49.8	33.3	4 400	51.2	33.0	4 400				30.0
34.0	40.5	29.3	3 500										34.0
38.0	31.3	23.8	2 900										38.0
36.6m (120 Ft.) BOOM													
9.1	80.3	46.9	9 000 *										9.1
10.0	79.2	46.8	9 000 *										10.0
12.0	76.7	46.3	9 000 *	78.3	46.2	9 000 *							12.0
14.0	74.1	45.8	9 000 *	75.7	45.7	9 000 *	77.3	45.4	9 000 *	78.9	44.9	8 500 *	14.0
16.0	71.5	45.2	9 000 *	73.1	45.1	9 000 *	74.7	44.8	9 000 *	76.2	44.3	8 000 *	16.0
18.0	68.8	44.5	8 800	70.4	44.3	8 900	72.0	44.0	9 000 *	73.5	43.5	7 600 *	18.0
20.0	66.1	43.6	7 700	67.7	43.5	7 800	69.2	43.2	8 000	70.7	42.6	7 200 *	20.0
22.0	63.4	42.7	6 700	65.0	42.5	6 800	66.5	42.2	6 900	67.9	41.7	6 800	22.0
26.0	57.6	40.4	5 200	59.2	40.2	5 300	60.6	39.9	5 400	62.0	39.3	5 500	26.0
30.0	51.5	37.5	4 100	53.0	37.3	4 200	54.4	37.0	4 300				30.0
34.0	44.8	33.9	3 400	46.3	33.7	3 400							34.0
38.0	37.1	29.2	2 800										38.0
39.6m (130 Ft.) BOOM													
9.1	80.9	50.0	9 000 *										9.1
10.0	79.9	49.9	9 000 *										10.0
12.0	77.5	49.5	9 000 *	79.0	49.4	9 000 *							12.0
14.0	75.1	49.0	9 000 *	76.6	48.9	9 000 *	78.1	48.6	9 000 *	79.6	48.1	8 700 *	14.0
16.0	72.7	48.4	9 000 *	74.2	48.3	9 000 *	75.7	48.0	9 000 *	77.1	47.5	8 200 *	16.0
18.0	70.2	47.7	8 700	71.7	47.6	8 800	73.2	47.3	8 900	74.6	46.8	7 800 *	18.0
20.0	67.7	46.9	7 600	69.2	46.8	7 700	70.6	46.5	7 900	72.0	46.0	7 400 *	20.0
22.0	65.2	46.0	6 600	66.6	45.9	6 700	68.1	45.6	6 800	69.4	45.1	6 900	22.0
26.0	59.9	43.9	5 100	61.3	43.8	5 200	62.7	43.5	5 300	64.0	42.9	5 400	26.0
30.0	54.3	41.3	4 000	55.7	41.2	4 100	57.1	40.8	4 200				30.0
34.0	48.3	38.1	3 200	49.7	37.9	3 300							34.0
38.0	41.6	34.0	2 600	43.0	33.9	2 700							38.0
42.0	33.9	28.8	2 200										42.0

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Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
42.7m (140 Ft.) BOOM													
10.7	79.8	52.9	9 000 *										10.7
12.0	78.3	52.6	9 000 *										12.0
14.0	76.0	52.1	9 000 *	77.4	52.0	9 000 *	78.8	51.7	9 000 *	80.3	51.2	8 800 *	14.0
16.0	73.7	51.6	9 000 *	75.1	51.5	9 000 *	76.5	51.2	9 000 *	77.9	50.6	8 300 *	16.0
18.0	71.4	50.9	8 700	72.8	50.8	8 800	74.2	50.5	8 900	75.6	50.0	7 900 *	18.0
20.0	69.1	50.2	7 600	70.5	50.1	7 700	71.8	49.8	7 800	73.2	49.2	7 500	20.0
22.0	66.7	49.4	6 500	68.1	49.3	6 700	69.4	48.9	6 800	70.8	48.4	7 000	22.0
26.0	61.8	47.4	5 000	63.2	47.3	5 200	64.5	47.0	5 300	65.7	46.4	5 400	26.0
30.0	56.7	45.0	4 000	58.0	44.9	4 100	59.3	44.5	4 100	60.5	43.9	4 200	30.0
34.0	51.2	42.1	3 200	52.5	41.9	3 300	53.8	41.6	3 400				34.0
38.0	45.3	38.5	2 600	46.6	38.3	2 600							38.0
42.0	38.7	34.0	2 100										42.0
45.7m (150 Ft.) BOOM													
10.7	80.3	56.0	9 000 *										10.7
12.0	78.9	55.7	9 000 *										12.0
14.0	76.8	55.3	9 000 *	78.1	55.1	9 000 *	79.5	54.8	9 000 *				14.0
16.0	74.7	54.8	9 000 *	76.0	54.6	9 000 *	77.3	54.3	9 000 *	78.6	53.8	8 500 *	16.0
18.0	72.5	54.2	8 600	73.8	54.0	8 700	75.1	53.7	8 900	76.4	53.2	8 000 *	18.0
20.0	70.3	53.5	7 400	71.6	53.3	7 600	72.9	53.0	7 700	74.2	52.5	7 700	20.0
22.0	68.1	52.7	6 400	69.4	52.6	6 600	70.7	52.3	6 700	71.9	51.7	6 900	22.0
26.0	63.5	50.9	4 900	64.8	50.7	5 000	66.0	50.4	5 100	67.2	49.9	5 200	26.0
30.0	58.7	48.7	3 900	60.0	48.5	4 000	61.2	48.2	4 100	62.4	47.6	4 100	30.0
34.0	53.7	46.0	3 100	55.0	45.8	3 200	56.2	45.4	3 200				34.0
38.0	48.3	42.7	2 500	49.6	42.5	2 600	50.7	42.1	2 600				38.0
42.0	42.5	38.7	2 000	43.7	38.5	2 000							42.0
46.0	35.9	33.8	1 600										46.0
48.8m (160 Ft.) BOOM													
10.7	80.9	59.1	9 000 *										10.7
12.0	79.5	58.8	9 000 *										12.0
14.0	77.5	58.4	9 000 *	78.8	58.3	9 000 *	80.0	58.0	9 000 *				14.0
16.0	75.5	57.9	9 000 *	76.7	57.8	9 000 *	78.0	57.5	9 000 *	79.3	57.0	8 600 *	16.0
18.0	73.4	57.3	8 500	74.7	57.2	8 600	75.9	56.9	8 800	77.2	56.4	8 200 *	18.0
20.0	71.4	56.7	7 300	72.6	56.6	7 500	73.8	56.3	7 600	75.1	55.7	7 700	20.0
22.0	69.3	56.0	6 300	70.5	55.8	6 400	71.7	55.5	6 600	72.9	55.0	6 800	22.0
26.0	65.0	54.3	4 800	66.2	54.1	4 900	67.4	53.8	5 000	68.6	53.2	5 100	26.0
30.0	60.5	52.2	3 700	61.8	52.1	3 800	62.9	51.7	3 900	64.0	51.1	4 000	30.0
34.0	55.9	49.7	3 000	57.1	49.5	3 000	58.2	49.2	3 100				34.0
38.0	51.0	46.7	2 300	52.2	46.5	2 400	53.3	46.2	2 500				38.0
42.0	45.7	43.1	1 800	46.9	42.9	1 900							42.0
46.0	39.8	38.8	1 500										46.0

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	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
51.8m (170 Ft.) BOOM													
12.2	79.9	61.9	9 000 *										12.2
14.0	78.1	61.5	9 000 *	79.4	61.4	9 000 *	80.5	61.1	9 000 *				14.0
16.0	76.2	61.1	9 000 *	77.4	60.9	9 000 *	78.6	60.6	9 000 *	79.8	60.1	8 700 *	16.0
18.0	74.3	60.5	8 400	75.5	60.4	8 500	76.7	60.1	8 700	77.8	59.6	8 300 *	18.0
20.0	72.3	59.9	7 100	73.5	59.8	7 400	74.7	59.5	7 500	75.8	58.9	7 700	20.0
22.0	70.3	59.2	6 200	71.5	59.1	6 300	72.7	58.8	6 500	73.8	58.2	6 600	22.0
26.0	66.3	57.6	4 700	67.5	57.5	4 800	68.6	57.2	4 900	69.7	56.6	5 000	26.0
30.0	62.1	55.7	3 600	63.3	55.5	3 700	64.4	55.2	3 800	65.5	54.6	3 900	30.0
34.0	57.8	53.3	2 800	59.0	53.2	2 900	60.1	52.8	3 000	61.1	52.2	3 000	34.0
38.0	53.3	50.6	2 200	54.4	50.4	2 300	55.4	50.0	2 300				38.0
42.0	48.4	47.3	1 700	49.5	47.1	1 800	50.5	46.7	1 800				42.0
54.9m (180 Ft.) BOOM													
12.2	80.4	65.0	9 000 *										12.2
14.0	78.7	64.6	9 000 *	79.9	64.5	9 000 *							14.0
16.0	76.9	64.2	9 000 *	78.0	64.1	9 000 *	79.2	63.8	9 000 *	80.3	63.2	8 800 *	16.0
18.0	75.0	63.7	8 300	76.2	63.6	8 500	77.3	63.2	8 700	78.4	62.7	8 400 *	18.0
20.0	73.2	63.1	7 100	74.3	63.0	7 300	75.4	62.7	7 500	76.6	62.1	7 700	20.0
22.0	71.3	62.5	6 100	72.5	62.3	6 300	73.6	62.0	6 400	74.7	61.5	6 600	22.0
26.0	67.5	60.9	4 600	68.6	60.8	4 800	69.7	60.5	4 900	70.8	59.9	5 000	26.0
30.0	63.6	59.1	3 600	64.7	59.0	3 700	65.8	58.6	3 800	66.8	58.1	3 900	30.0
34.0	59.5	56.9	2 800	60.6	56.8	2 900	61.7	56.4	3 000	62.6	55.8	3 000	34.0
38.0	55.3	54.3	2 100	56.4	54.2	2 200	57.4	53.8	2 300				38.0
42.0	50.8	51.3	1 700	51.9	51.1	1 700	52.8	50.8	1 800				42.0
57.9m (190 Ft.) BOOM													
12.2	80.8	68.1	9 000 *										12.2
14.0	79.2	67.7	9 000 *	80.3	67.6	9 000 *							14.0
16.0	77.5	67.3	9 000 *	78.6	67.2	9 000 *	79.7	66.9	9 000 *				16.0
18.0	75.7	66.8	8 200	76.8	66.7	8 400	77.9	66.4	8 600	79.0	65.9	8 500 *	18.0
20.0	74.0	66.3	7 000	75.1	66.2	7 200	76.1	65.8	7 400	77.2	65.3	7 600	20.0
22.0	72.2	65.7	6 000	73.3	65.5	6 200	74.3	65.2	6 300	75.4	64.7	6 500	22.0
26.0	68.6	64.2	4 500	69.7	64.1	4 600	70.7	63.8	4 800	71.7	63.2	4 900	26.0
30.0	64.9	62.5	3 400	65.9	62.4	3 600	67.0	62.0	3 700	67.9	61.4	3 800	30.0
34.0	61.0	60.4	2 600	62.1	60.3	2 700	63.1	59.9	2 800	64.0	59.4	2 900	34.0
38.0	57.0	58.0	2 000	58.1	57.9	2 100	59.1	57.5	2 200	60.0	56.9	2 200	38.0
42.0	52.9	55.2	1 500	53.9	55.0	1 600	54.9	54.7	1 700				42.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

12.2m (40 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
21.3m (70 Ft.) BOOM													
7.6	80.2	34.8	9 000 *										7.6
8.0	79.6	34.7	9 000 *										8.0
10.0	76.1	34.3	9 000 *	79.0	34.1	9 000 *							10.0
12.0	72.5	33.7	9 000 *	75.4	33.5	9 000 *	78.3	33.1	9 000 *				12.0
14.0	68.9	32.9	9 000 *	71.7	32.7	9 000 *	74.6	32.4	8 100 *	77.5	31.8	6 100 *	14.0
16.0	65.2	32.0	9 000 *	68.0	31.8	8 800 *	70.8	31.5	7 300 *	73.6	30.8	5 700 *	16.0
18.0	61.3	31.0	9 000 *	64.1	30.8	7 900 *	66.9	30.4	6 700 *	69.6	29.7	5 300 *	18.0
20.0	57.3	29.7	8 300	60.1	29.5	7 100 *	62.8	29.1	6 200 *	65.5	28.4	5 000 *	20.0
22.0	53.1	28.3	7 300	55.9	28.1	6 500 *	58.5	27.6	5 700 *				22.0
26.0	43.9	24.6	5 800	46.6	24.3	5 500 *							26.0
24.4m (80 Ft.) BOOM													
7.6	81.0	37.9	9 000 *										7.6
8.0	80.4	37.8	9 000 *										8.0
10.0	77.2	37.4	9 000 *										10.0
12.0	74.0	36.9	9 000 *	76.6	36.7	9 000 *							12.0
14.0	70.7	36.2	9 000 *	73.3	36.0	9 000 *	76.0	35.6	8 500 *	78.6	35.0	6 300 *	14.0
16.0	67.4	35.4	9 000 *	70.0	35.2	9 000 *	72.6	34.8	7 700 *	75.2	34.2	5 800 *	16.0
18.0	63.9	34.4	9 000 *	66.5	34.2	8 500 *	69.1	33.8	7 000 *	71.6	33.2	5 400 *	18.0
20.0	60.4	33.3	8 200	62.9	33.1	7 600 *	65.4	32.7	6 500 *	67.9	32.0	5 100 *	20.0
22.0	56.7	32.0	7 100	59.2	31.8	7 000 *	61.7	31.4	6 000 *	64.0	30.7	4 800 *	22.0
26.0	48.7	28.9	5 600	51.2	28.6	5 700	53.5	28.2	5 300 *				26.0
30.0	39.6	24.6	4 600	42.0	24.3	4 700							30.0
27.4m (90 Ft.) BOOM													
9.1	79.5	40.7	9 000 *										9.1
10.0	78.2	40.5	9 000 *										10.0
12.0	75.3	40.0	9 000 *	77.7	39.9	9 000 *							12.0
14.0	72.3	39.4	9 000 *	74.7	39.2	9 000 *	77.1	38.8	8 800 *	79.6	38.2	6 500 *	14.0
16.0	69.2	38.7	9 000 *	71.6	38.5	9 000 *	74.0	38.1	8 000 *	76.4	37.4	6 000 *	16.0
18.0	66.1	37.8	9 000 *	68.5	37.6	8 900 *	70.8	37.2	7 300 *	73.2	36.6	5 600 *	18.0
20.0	62.9	36.8	8 000	65.2	36.6	8 200	67.6	36.2	6 800 *	69.8	35.5	5 300 *	20.0
22.0	59.5	35.7	7 000	61.9	35.5	7 100	64.2	35.0	6 300 *	66.4	34.3	5 000 *	22.0
26.0	52.5	32.9	5 500	54.8	32.7	5 600	57.0	32.2	5 600				26.0
30.0	44.7	29.2	4 500	47.0	29.0	4 500							30.0
34.0	35.6	24.3	3 700										34.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

12.2m (40 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
30.5m (100 Ft.) BOOM													
9.1	80.3	43.8	9 000 *										9.1
10.0	79.1	43.7	9 000 *										10.0
12.0	76.3	43.2	9 000 *	78.6	43.0	9 000 *							12.0
14.0	73.6	42.6	9 000 *	75.8	42.4	9 000 *	78.1	42.0	8 900 *	80.4	41.4	6 600 *	14.0
16.0	70.7	41.9	9 000 *	73.0	41.8	9 000 *	75.2	41.3	8 300 *	77.5	40.7	6 100 *	16.0
18.0	67.9	41.1	9 000 *	70.1	41.0	9 000 *	72.3	40.5	7 600 *	74.5	39.9	5 800 *	18.0
20.0	64.9	40.2	8 000	67.1	40.0	8 200	69.3	39.6	7 000 *	71.5	38.9	5 400 *	20.0
22.0	61.9	39.2	7 000	64.1	39.0	7 100	66.3	38.6	6 600 *	68.4	37.8	5 100 *	22.0
26.0	55.6	36.7	5 500	57.8	36.5	5 600	59.8	36.0	5 700				26.0
30.0	48.8	33.5	4 500	50.9	33.2	4 600	52.8	32.7	4 600				30.0
34.0	41.1	29.3	3 700	43.1	29.1	3 700							34.0
38.0	31.9	23.7	3 100										38.0
33.5m (110 Ft.) BOOM													
9.1	80.9	46.9	9 000 *										9.1
10.0	79.8	46.8	9 000 *										10.0
12.0	77.3	46.3	9 000 *										12.0
14.0	74.7	45.8	9 000 *	76.8	45.6	9 000 *	78.9	45.2	9 000 *				14.0
16.0	72.1	45.2	9 000 *	74.2	45.0	9 000 *	76.3	44.6	8 600 *	78.4	43.9	6 200 *	16.0
18.0	69.4	44.4	8 900	71.5	44.2	9 000 *	73.6	43.8	7 800 *	75.6	43.1	5 800 *	18.0
20.0	66.7	43.6	7 900	68.8	43.4	8 000	70.8	43.0	7 300 *	72.8	42.3	5 500 *	20.0
22.0	64.0	42.6	6 900	66.0	42.4	7 000	68.0	42.0	6 800 *	70.0	41.3	5 300 *	22.0
26.0	58.2	40.4	5 400	60.2	40.1	5 500	62.2	39.7	5 600	64.0	38.9	4 800 *	26.0
30.0	52.1	37.5	4 300	54.0	37.2	4 400	55.9	36.7	4 500				30.0
34.0	45.3	33.8	3 500	47.3	33.6	3 600							34.0
38.0	37.7	29.2	3 000										38.0
36.6m (120 Ft.) BOOM													
10.7	79.7	49.7	9 000 *										10.7
12.0	78.1	49.5	9 000 *										12.0
14.0	75.7	49.0	9 000 *	77.6	48.8	9 000 *	79.6	48.4	9 000 *				14.0
16.0	73.2	48.4	9 000 *	75.2	48.2	9 000 *	77.2	47.8	8 800 *	79.1	47.1	6 300 *	16.0
18.0	70.8	47.7	8 800	72.7	47.5	9 000	74.7	47.1	8 100 *	76.6	46.4	6 000 *	18.0
20.0	68.3	46.9	7 700	70.2	46.7	7 900	72.1	46.3	7 500 *	74.0	45.6	5 700 *	20.0
22.0	65.7	46.0	6 700	67.6	45.8	6 900	69.5	45.4	7 000	71.4	44.7	5 400 *	22.0
26.0	60.4	43.9	5 200	62.3	43.7	5 400	64.2	43.3	5 500	65.9	42.5	4 900 *	26.0
30.0	54.8	41.3	4 200	56.7	41.1	4 300	58.5	40.6	4 400				30.0
34.0	48.8	38.1	3 400	50.6	37.8	3 500	52.3	37.3	3 500				34.0
38.0	42.1	34.0	2 800	43.9	33.7	2 900							38.0
42.0	34.4	28.8	2 300										42.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

12.2m (40 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
39.6m (130 Ft.) BOOM													
10.7	80.3	52.8	9 000 *										10.7
12.0	78.8	52.6	9 000 *										12.0
14.0	76.5	52.1	9 000 *	78.4	51.9	9 000 *	80.3	51.5	9 000 *	79.8	50.3	6 400 *	14.0
16.0	74.2	51.6	9 000 *	76.1	51.4	9 000 *	78.0	51.0	8 900 *	77.5	49.6	6 400 *	16.0
18.0	71.9	50.9	8 700	73.8	50.7	8 900	75.6	50.3	8 300 *	75.0	48.9	5 800 *	18.0
20.0	69.6	50.2	7 600	71.4	50.0	7 800	73.3	49.6	7 700	72.6	48.0	5 500 *	20.0
22.0	67.2	49.4	6 600	69.0	49.2	6 800	70.8	48.7	7 000	67.5	46.0	5 000 *	22.0
26.0	62.3	47.4	5 100	64.1	47.2	5 300	65.9	46.8	5 400	62.2	43.5	4 400	26.0
30.0	57.2	45.0	4 100	58.9	44.8	4 200	60.6	44.3	4 300				30.0
34.0	51.7	42.1	3 300	53.4	41.8	3 400	55.1	41.3	3 400				34.0
38.0	45.8	38.5	2 600	47.5	38.2	2 700							38.0
42.0	39.1	34.0	2 200										42.0
42.7m (140 Ft.) BOOM													
10.7	80.8	55.9	9 000 *										10.7
12.0	79.4	55.7	9 000 *										12.0
14.0	77.3	55.3	9 000 *	79.0	55.1	9 000 *							14.0
16.0	75.1	54.7	9 000 *	76.9	54.5	9 000 *	78.7	54.1	9 000 *				16.0
18.0	73.0	54.1	8 700	74.7	53.9	8 900	76.5	53.5	8 600 *	78.2	52.8	6 200 *	18.0
20.0	70.8	53.5	7 600	72.5	53.3	7 800	74.2	52.8	7 900	75.9	52.1	5 900 *	20.0
22.0	68.5	52.7	6 600	70.3	52.5	6 700	72.0	52.0	6 900	73.7	51.3	5 600 *	22.0
26.0	64.0	50.9	5 100	65.7	50.7	5 200	67.3	50.2	5 400	68.9	49.4	5 200 *	26.0
30.0	59.2	48.6	4 000	60.9	48.4	4 100	62.5	47.9	4 200	64.0	47.1	4 300	30.0
34.0	54.2	45.9	3 200	55.8	45.7	3 300	57.4	45.2	3 400				34.0
38.0	48.8	42.7	2 600	50.4	42.4	2 700	51.9	41.9	2 800				38.0
42.0	42.9	38.7	2 100	44.5	38.4	2 200							42.0
46.0	36.3	33.7	1 700										46.0
45.7m (150 Ft.) BOOM													
12.2	79.8	58.8	9 000 *										12.2
14.0	78.0	58.4	9 000 *	79.6	58.2	9 000 *							14.0
16.0	75.9	57.9	9 000 *	77.6	57.7	9 000 *	79.3	57.3	9 000 *				16.0
18.0	73.9	57.3	8 600	75.5	57.1	8 800	77.2	56.7	8 700 *	78.9	56.0	6 300 *	18.0
20.0	71.8	56.7	7 500	73.5	56.5	7 600	75.1	56.0	7 900	76.7	55.3	6 000 *	20.0
22.0	69.7	56.0	6 400	71.4	55.8	6 600	73.0	55.3	6 800	74.6	54.6	5 700 *	22.0
26.0	65.4	54.3	5 000	67.1	54.0	5 100	68.7	53.6	5 300	70.2	52.8	5 200	26.0
30.0	61.0	52.2	3 900	62.6	52.0	4 000	64.1	51.5	4 100	65.6	50.7	4 200	30.0
34.0	56.3	49.7	3 100	57.9	49.4	3 200	59.4	48.9	3 300				34.0
38.0	51.4	46.7	2 500	53.0	46.4	2 600	54.4	45.9	2 600				38.0
42.0	46.1	43.1	2 000	47.6	42.8	2 100							42.0
46.0	40.3	38.7	1 600										46.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

12.2m (40 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
48.8m (160 Ft.) BOOM													
12.2	80.3	61.9	9 000 *										12.2
14.0	78.6	61.5	9 000 *	80.2	61.3	9 000 *							14.0
16.0	76.7	61.0	9 000 *	78.2	60.8	9 000 *	79.8	60.4	9 000 *				16.0
18.0	74.7	60.5	8 500	76.3	60.3	8 700	77.9	59.9	8 900 *	79.4	59.2	6 400 *	18.0
20.0	72.8	59.9	7 300	74.3	59.7	7 600	75.9	59.3	7 800	77.4	58.5	6 000 *	20.0
22.0	70.8	59.2	6 300	72.3	59.0	6 500	73.9	58.6	6 700	75.4	57.8	5 800 *	22.0
26.0	66.7	57.6	4 800	68.3	57.4	5 000	69.8	56.9	5 100	71.3	56.2	5 300	26.0
30.0	62.6	55.7	3 800	64.1	55.4	3 900	65.6	55.0	4 000	67.0	54.2	4 100	30.0
34.0	58.2	53.3	3 000	59.7	53.1	3 100	61.2	52.6	3 200	62.5	51.8	3 300	34.0
38.0	53.7	50.6	2 400	55.2	50.3	2 500	56.6	49.8	2 600				38.0
42.0	48.8	47.3	1 900	50.3	47.0	1 900	51.6	46.4	2 000				42.0
46.0	43.6	43.3	1 500	45.0	43.1	1 600							46.0
51.8m (170 Ft.) BOOM													
12.2	80.8	65.0	9 000 *										12.2
14.0	79.1	64.6	9 000 *	80.6	64.4	9 000 *							14.0
16.0	77.3	64.2	9 000 *	78.8	64.0	9 000 *	80.3	63.5	9 000 *				16.0
18.0	75.5	63.7	8 400	77.0	63.5	8 600	78.5	63.0	8 800				18.0
20.0	73.6	63.1	7 200	75.1	62.9	7 500	76.6	62.4	7 700	78.1	61.7	6 100 *	20.0
22.0	71.7	62.4	6 200	73.2	62.2	6 400	74.7	61.8	6 600	76.2	61.1	5 900 *	22.0
26.0	67.9	60.9	4 700	69.4	60.7	4 900	70.8	60.3	5 000	72.2	59.5	5 200	26.0
30.0	64.0	59.1	3 600	65.4	58.9	3 800	66.9	58.4	3 900	68.2	57.6	4 000	30.0
34.0	59.9	56.9	2 800	61.4	56.7	2 900	62.7	56.2	3 100	64.0	55.4	3 200	34.0
38.0	55.7	54.3	2 200	57.1	54.1	2 300	58.4	53.6	2 400				38.0
42.0	51.2	51.3	1 700	52.6	51.0	1 800	53.9	50.5	1 900				42.0
46.0				47.8	47.4	1 400							46.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

12.2m (40 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
54.9m (180 Ft.) BOOM													
13.7	79.9	67.8	9 000 *										13.7
14.0	79.6	67.7	9 000 *										14.0
16.0	77.9	67.3	9 000 *	79.3	67.1	9 000 *							16.0
18.0	76.1	66.8	8 400	77.6	66.6	8 600	79.0	66.2	8 800				18.0
20.0	74.4	66.3	7 100	75.8	66.1	7 400	77.2	65.6	7 600	78.6	64.9	6 200 *	20.0
22.0	72.6	65.7	6 100	74.0	65.5	6 300	75.4	65.0	6 600	76.8	64.3	5 900 *	22.0
26.0	69.0	64.2	4 600	70.4	64.0	4 800	71.8	63.5	5 000	73.1	62.8	5 100	26.0
30.0	65.2	62.5	3 600	66.6	62.3	3 700	68.0	61.8	3 900	69.3	61.0	4 000	30.0
34.0	61.4	60.4	2 800	62.8	60.2	2 900	64.1	59.7	3 000	65.4	58.9	3 100	34.0
38.0	57.4	58.0	2 200	58.8	57.8	2 300	60.1	57.2	2 400	61.3	56.4	2 500	38.0
42.0	53.3	55.2	1 700	54.6	54.9	1 800	55.9	54.4	1 800				42.0
46.0							51.4	51.0	1 400				46.0
57.9m (190 Ft.) BOOM													
13.7	80.3	70.9	9 000 *										13.7
14.0	80.1	70.8	9 000 *										14.0
16.0	78.4	70.4	9 000 *	79.8	70.2	9 000 *							16.0
18.0	76.7	70.0	8 200	78.1	69.8	8 500	79.5	69.3	8 700				18.0
20.0	75.1	69.4	7 000	76.4	69.2	7 300	77.8	68.8	7 500	79.2	68.0	6 300 *	20.0
22.0	73.4	68.9	6 000	74.7	68.6	6 300	76.1	68.2	6 500	77.4	67.5	6 000 *	22.0
26.0	69.9	67.5	4 500	71.3	67.3	4 700	72.6	66.8	4 900	73.9	66.0	5 000	26.0
30.0	66.4	65.8	3 500	67.7	65.6	3 600	69.0	65.1	3 800	70.3	64.4	3 900	30.0
34.0	62.8	63.9	2 700	64.1	63.7	2 800	65.4	63.2	2 900	66.6	62.4	3 000	34.0
38.0	59.0	61.6	2 100	60.3	61.4	2 100	61.6	60.9	2 300	62.7	60.0	2 400	38.0
42.0	55.1	59.0	1 600	56.4	58.7	1 700	57.6	58.2	1 800				42.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

15.2m (50 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
21.3m (70 Ft.) BOOM													
9.1	79.1	37.6	9 000 *										9.1
10.0	77.8	37.4	9 000 *										10.0
12.0	74.5	36.8	9 000 *	77.9	36.6	9 000 *							12.0
14.0	71.2	36.2	9 000 *	74.6	36.0	8 700 *	77.9	35.5	6 900 *				14.0
16.0	67.9	35.4	9 000 *	71.2	35.1	7 600 *	74.5	34.7	6 200 *	77.8	34.0	4 800 *	16.0
18.0	64.4	34.4	8 300 *	67.7	34.2	6 700 *	71.0	33.7	5 600 *	74.2	33.0	4 400 *	18.0
20.0	60.9	33.3	7 300 *	64.1	33.1	6 100 *	67.3	32.6	5 200 *	70.5	31.8	4 100 *	20.0
22.0	57.2	32.0	6 500 *	60.4	31.8	5 500 *	63.5	31.3	4 800 *	66.6	30.5	3 900 *	22.0
26.0	49.2	28.9	5 300 *	52.4	28.6	4 700 *	55.4	28.0	4 200 *				26.0
30.0	40.1	24.6	4 400 *	43.1	24.3	4 000 *							30.0
24.4m (80 Ft.) BOOM													
9.1	80.0	40.7	9 000 *										9.1
10.0	78.7	40.5	9 000 *										10.0
12.0	75.7	40.0	9 000 *	78.8	39.8	9 000 *							12.0
14.0	72.7	39.4	9 000 *	75.8	39.2	8 900 *	78.9	38.7	7 100 *				14.0
16.0	69.7	38.7	9 000 *	72.7	38.4	8 100 *	75.8	38.0	6 400 *	78.8	37.3	4 900 *	16.0
18.0	66.5	37.8	9 000 *	69.6	37.6	7 100 *	72.6	37.1	5 900 *	75.6	36.4	4 600 *	18.0
20.0	63.3	36.8	8 000 *	66.3	36.6	6 500 *	69.3	36.1	5 400 *	72.2	35.3	4 300 *	20.0
22.0	60.0	35.7	7 100 *	63.0	35.4	5 900 *	65.9	34.9	5 000 *	68.7	34.1	4 000 *	22.0
26.0	53.0	32.9	5 700	55.9	32.6	5 000 *	58.7	32.1	4 400 *				26.0
30.0	45.2	29.2	4 600	48.1	28.9	4 300 *							30.0
34.0	36.1	24.3	3 900										34.0
27.4m (90 Ft.) BOOM													
9.1	80.7	43.8	9 000 *										9.1
10.0	79.5	43.7	9 000 *										10.0
12.0	76.8	43.2	9 000 *										12.0
14.0	74.0	42.6	9 000 *	76.9	42.4	9 000 *	79.7	41.9	7 300 *				14.0
16.0	71.2	41.9	9 000 *	74.0	41.7	8 600 *	76.9	41.2	6 700 *	79.7	40.5	5 000 *	16.0
18.0	68.3	41.1	9 000 *	71.1	40.9	7 600 *	73.9	40.4	6 100 *	76.7	39.7	4 700 *	18.0
20.0	65.4	40.2	8 000	68.2	40.0	6 800 *	70.9	39.5	5 600 *	73.7	38.7	4 400 *	20.0
22.0	62.4	39.2	7 000	65.1	38.9	6 300 *	67.9	38.4	5 200 *	70.5	37.6	4 100 *	22.0
26.0	56.0	36.7	5 500	58.8	36.4	5 300 *	61.4	35.9	4 600 *	63.9	35.0	3 700 *	26.0
30.0	49.2	33.5	4 500	51.9	33.2	4 600	54.4	32.6	4 100 *				30.0
34.0	41.5	29.3	3 700	44.1	29.0	3 800							34.0
38.0	32.3	23.7	3 100										38.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

15.2m (50 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
30.5m (100 Ft.) BOOM													
10.7	79.4	46.6	9 000 *										10.7
12.0	77.7	46.3	9 000 *										12.0
14.0	75.1	45.8	9 000 *	77.8	45.6	9 000 *	80.4	45.1	7 500 *				14.0
16.0	72.5	45.2	9 000 *	75.1	44.9	8 800 *	77.8	44.4	6 800 *				16.0
18.0	69.8	44.4	9 000 *	72.5	44.2	8 000 *	75.1	43.7	6 300 *	77.7	42.9	4 800 *	18.0
20.0	67.1	43.6	8 000	69.7	43.3	7 200 *	72.3	42.8	5 800 *	74.9	42.0	4 500 *	20.0
22.0	64.4	42.6	7 000	67.0	42.4	6 600 *	69.5	41.9	5 400 *	72.0	41.0	4 200 *	22.0
26.0	58.6	40.3	5 500	61.2	40.1	5 600	63.7	39.5	4 800 *	66.0	38.7	3 800 *	26.0
30.0	52.5	37.5	4 500	55.0	37.2	4 600	57.4	36.6	4 300 *				30.0
34.0	45.7	33.8	3 700	48.2	33.5	3 800							34.0
38.0	38.1	29.2	3 100										38.0
33.5m (110 Ft.) BOOM													
10.7	80.1	49.7	9 000 *										10.7
12.0	78.5	49.5	9 000 *										12.0
14.0	76.1	49.0	9 000 *	78.6	48.7	9 000 *							14.0
16.0	73.6	48.4	9 000 *	76.1	48.1	9 000 *	78.6	47.6	7 000 *				16.0
18.0	71.1	47.7	8 900	73.6	47.4	8 400 *	76.1	46.9	6 500 *	78.5	46.1	4 800 *	18.0
20.0	68.6	46.9	7 900	71.1	46.7	7 600 *	73.5	46.2	6 000 *	75.9	45.3	4 600 *	20.0
22.0	66.1	46.0	6 900	68.5	45.8	6 900 *	70.9	45.3	5 600 *	73.3	44.4	4 300 *	22.0
26.0	60.8	43.9	5 400	63.2	43.7	5 500	65.5	43.1	5 000 *	67.8	42.2	3 900 *	26.0
30.0	55.2	41.3	4 300	57.6	41.0	4 500	59.8	40.4	4 500 *	61.9	39.5	3 600 *	30.0
34.0	49.2	38.1	3 500	51.5	37.8	3 600	53.7	37.1	3 700				34.0
38.0	42.5	34.0	3 000	44.8	33.7	3 000							38.0
42.0	34.8	28.8	2 500										42.0
36.6m (120 Ft.) BOOM													
10.7	80.6	52.8	9 000 *										10.7
12.0	79.1	52.6	9 000 *										12.0
14.0	76.9	52.1	9 000 *	79.2	51.9	9 000 *							14.0
16.0	74.6	51.6	9 000 *	76.9	51.3	9 000 *	79.3	50.8	7 200 *				16.0
18.0	72.3	50.9	8 800	74.6	50.7	8 700 *	77.0	50.2	6 600 *	79.3	49.3	4 900 *	18.0
20.0	69.9	50.2	7 700	72.3	49.9	7 900	74.6	49.4	6 200 *	76.8	48.6	4 600 *	20.0
22.0	67.6	49.4	6 800	69.9	49.1	6 900	72.2	48.6	5 800 *	74.4	47.7	4 400 *	22.0
26.0	62.7	47.4	5 300	64.9	47.2	5 400	67.2	46.6	5 100 *	69.3	45.7	4 000 *	26.0
30.0	57.5	45.0	4 200	59.8	44.7	4 300	61.9	44.1	4 500	63.9	43.2	3 700 *	30.0
34.0	52.1	42.1	3 400	54.3	41.8	3 500	56.3	41.1	3 600				34.0
38.0	46.1	38.5	2 800	48.3	38.1	2 900							38.0
42.0	39.5	34.0	2 300										42.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

15.2m (50 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
39.6m (130 Ft.) BOOM													
12.2	79.6	55.6	9 000 *										12.2
14.0	77.6	55.2	9 000 *	79.9	55.0	9 000 *							14.0
16.0	75.5	54.7	9 000 *	77.7	54.5	9 000 *	79.9	54.0	7 300 *				16.0
18.0	73.3	54.1	8 800	75.5	53.9	8 900 *	77.7	53.4	6 800 *				18.0
20.0	71.1	53.4	7 600	73.3	53.2	7 900	75.5	52.7	6 300 *	77.6	51.8	4 700 *	20.0
22.0	68.9	52.7	6 600	71.1	52.4	6 800	73.2	51.9	5 900 *	75.3	51.0	4 500 *	22.0
26.0	64.3	50.9	5 100	66.5	50.6	5 300	68.6	50.0	5 300	70.6	49.1	4 100 *	26.0
30.0	59.5	48.6	4 100	61.7	48.3	4 200	63.7	47.8	4 300	65.7	46.8	3 800 *	30.0
34.0	54.5	45.9	3 300	56.6	45.6	3 400	58.6	45.0	3 500				34.0
38.0	49.1	42.7	2 700	51.2	42.3	2 800	53.1	41.7	2 900				38.0
42.0	43.3	38.7	2 200	45.3	38.3	2 300							42.0
46.0	36.6	33.7	1 800										46.0
42.7m (140 Ft.) BOOM													
12.2	80.1	58.8	9 000 *										12.2
14.0	78.3	58.4	9 000 *	80.4	58.1	9 000 *							14.0
16.0	76.3	57.9	9 000 *	78.4	57.6	9 000 *							16.0
18.0	74.2	57.3	8 700	76.3	57.1	8 700 *	78.4	56.5	7 000 *				18.0
20.0	72.1	56.7	7 600	74.2	56.4	7 800	76.3	55.9	6 500 *	78.3	55.0	4 800 *	20.0
22.0	70.0	56.0	6 600	72.1	55.7	6 800	74.2	55.2	6 100 *	76.2	54.3	4 600 *	22.0
26.0	65.8	54.2	5 100	67.8	54.0	5 300	69.8	53.4	5 400	71.7	52.5	4 200 *	26.0
30.0	61.3	52.2	4 000	63.3	51.9	4 200	65.3	51.3	4 300	67.1	50.4	3 900 *	30.0
34.0	56.7	49.7	3 200	58.7	49.4	3 400	60.6	48.8	3 500	62.3	47.8	3 600	34.0
38.0	51.7	46.7	2 600	53.7	46.4	2 700	55.5	45.7	2 800				38.0
42.0	46.4	43.1	2 200	48.4	42.7	2 200							42.0
46.0	40.6	38.7	1 700	42.5	38.3	1 800							46.0
50.0	33.9	33.3	1 400										50.0
45.7m (150 Ft.) BOOM													
12.2	80.6	61.9	9 000 *										12.2
14.0	78.9	61.5	9 000 *										14.0
16.0	77.0	61.0	9 000 *	79.0	60.8	8 900 *							16.0
18.0	75.0	60.5	8 600	77.0	60.2	8 700 *	79.0	59.7	7 100 *				18.0
20.0	73.1	59.9	7 500	75.0	59.6	7 700	77.0	59.1	6 700 *	79.0	58.2	4 900 *	20.0
22.0	71.1	59.2	6 500	73.1	58.9	6 700	75.0	58.4	6 300 *	76.9	57.5	4 600 *	22.0
26.0	67.0	57.6	5 000	69.0	57.3	5 200	70.9	56.8	5 300	72.8	55.9	4 300 *	26.0
30.0	62.9	55.6	3 900	64.8	55.4	4 100	66.7	54.8	4 200	68.5	53.9	3 900 *	30.0
34.0	58.5	53.3	3 100	60.5	53.0	3 300	62.3	52.4	3 400	64.0	51.4	3 500	34.0
38.0	54.0	50.5	2 500	55.9	50.2	2 600	57.6	49.6	2 700				38.0
42.0	49.1	47.3	2 000	51.0	46.9	2 100	52.7	46.2	2 200				42.0
46.0	43.9	43.3	1 600	45.7	43.0	1 700							46.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

15.2m (50 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
48.8m (160 Ft.) BOOM													
13.7	79.7	64.7	9 000 *										13.7
14.0	79.4	64.6	9 000 *										14.0
16.0	77.6	64.2	9 000 *	79.5	63.9	8 800 *							16.0
18.0	75.7	63.7	8 500	77.6	63.4	8 700 *	79.5	62.9	7 200 *				18.0
20.0	73.9	63.1	7 300	75.8	62.8	7 600	77.7	62.3	6 800 *	79.5	61.4	4 900 *	20.0
22.0	72.0	62.4	6 400	73.9	62.2	6 600	75.8	61.6	6 400 *	77.6	60.7	4 700 *	22.0
26.0	68.2	60.9	4 800	70.1	60.6	5 000	71.9	60.1	5 200	73.7	59.2	4 300 *	26.0
30.0	64.3	59.1	3 800	66.1	58.8	4 000	67.9	58.2	4 100	69.6	57.3	4 000 *	30.0
34.0	60.2	56.9	3 000	62.0	56.6	3 100	63.8	56.0	3 300	65.4	55.0	3 400	34.0
38.0	56.0	54.3	2 400	57.8	54.0	2 500	59.5	53.4	2 600	61.0	52.3	2 700	38.0
42.0	51.5	51.3	1 900	53.3	50.9	2 000	54.9	50.3	2 100				42.0
46.0	46.7	47.7	1 500	48.4	47.3	1 600							46.0
51.8m (170 Ft.) BOOM													
13.7	80.1	67.8	9 000 *										13.7
14.0	79.9	67.7	9 000 *										14.0
16.0	78.2	67.3	9 000 *	80.0	67.0	8 700 *							16.0
18.0	76.4	66.8	8 500	78.2	66.6	8 600 *							18.0
20.0	74.6	66.3	7 200	76.5	66.0	7 500	78.3	65.5	6 900 *	80.0	64.6	5 000 *	20.0
22.0	72.9	65.6	6 200	74.7	65.4	6 500	76.4	64.8	6 500	78.2	63.9	4 700 *	22.0
26.0	69.2	64.2	4 700	71.0	63.9	4 900	72.8	63.4	5 100	74.5	62.5	4 400 *	26.0
30.0	65.5	62.5	3 600	67.3	62.2	3 800	69.0	61.6	4 000	70.6	60.7	4 100 *	30.0
34.0	61.7	60.4	2 900	63.4	60.1	3 000	65.1	59.5	3 100	66.7	58.5	3 300	34.0
38.0	57.7	58.0	2 200	59.4	57.7	2 400	61.1	57.1	2 500	62.6	56.0	2 600	38.0
42.0	53.5	55.2	1 800	55.2	54.8	1 800	56.8	54.2	2 000				42.0
46.0				50.8	51.5	1 500	52.3	50.8	1 500				46.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

15.2m (50 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
54.9m (180 Ft.) BOOM													
13.7	80.6	70.9	8 700 *										13.7
14.0	80.3	70.8	8 700 *										14.0
16.0	78.7	70.4	8 600 *										16.0
18.0	77.0	70.0	8 300	78.7	69.7	8 200 *							18.0
20.0	75.3	69.4	7 100	77.1	69.2	7 500	78.8	68.6	7 000 *	80.5	67.7	5 000 *	20.0
22.0	73.6	68.8	6 200	75.4	68.6	6 400	77.1	68.0	6 600	78.7	67.1	4 800 *	22.0
26.0	70.2	67.5	4 600	71.9	67.2	4 900	73.6	66.6	5 100	75.2	65.7	4 400 *	26.0
30.0	66.7	65.8	3 600	68.4	65.5	3 800	70.0	65.0	4 000	71.6	64.0	4 100	30.0
34.0	63.0	63.9	2 800	64.7	63.6	2 900	66.3	63.0	3 100	67.8	62.0	3 200	34.0
38.0	59.3	61.6	2 200	60.9	61.3	2 300	62.5	60.7	2 400	64.0	59.7	2 500	38.0
42.0	55.4	58.9	1 700	57.0	58.6	1 800	58.5	58.0	1 900				42.0
46.0							54.4	54.8	1 500				46.0
57.9m (190 Ft.) BOOM													
13.7	81.0	74.0	8 500 *										13.7
14.0	80.8	73.9	8 500 *										14.0
16.0	79.2	73.5	8 400 *										16.0
18.0	77.6	73.1	8 200	79.2	72.8	8 100 *							18.0
20.0	76.0	72.6	7 100	77.6	72.3	7 400	79.3	71.8	7 200 *				20.0
22.0	74.3	72.0	6 000	76.0	71.8	6 300	77.6	71.2	6 600	79.2	70.3	4 800 *	22.0
26.0	71.0	70.7	4 500	72.7	70.4	4 800	74.3	69.9	5 000	75.9	69.0	4 500 *	26.0
30.0	67.7	69.1	3 500	69.3	68.9	3 700	70.9	68.3	3 800	72.4	67.3	4 000	30.0
34.0	64.2	67.3	2 700	65.9	67.0	2 900	67.4	66.4	3 000	68.9	65.4	3 100	34.0
38.0	60.7	65.1	2 100	62.3	64.8	2 200	63.8	64.2	2 300	65.2	63.2	2 500	38.0
42.0	57.0	62.6	1 600	58.6	62.3	1 700	60.1	61.7	1 800	61.4	60.6	1 900	42.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

18.3m (60 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
21.3m (70 Ft.) BOOM													
9.1	80.3	40.7	8 400 *										9.1
10.0	79.0	40.5	8 300 *										10.0
12.0	76.1	40.0	8 100 *										12.0
14.0	73.1	39.4	7 800 *	76.8	39.2	7 300 *	80.5	38.7	6 000 *				14.0
16.0	70.0	38.7	7 400 *	73.7	38.4	6 700 *	77.4	37.9	5 400 *				16.0
18.0	66.9	37.8	7 100 *	70.5	37.6	5 900 *	74.2	37.1	4 900 *	77.9	36.3	3 800 *	18.0
20.0	63.6	36.8	6 500 *	67.3	36.6	5 300 *	70.9	36.0	4 500 *	74.5	35.2	3 600 *	20.0
22.0	60.3	35.7	5 700 *	63.9	35.4	4 800 *	67.5	34.9	4 200 *	71.0	34.0	3 300 *	22.0
26.0	53.3	32.9	4 600 *	56.9	32.6	4 100 *	60.3	32.0	3 600 *	63.6	31.1	3 000 *	26.0
30.0	45.5	29.2	3 900 *	49.0	28.9	3 500 *	52.3	28.2	3 200 *				30.0
34.0	36.4	24.3	3 300 *										34.0
24.4m (80 Ft.) BOOM													
9.1	81.0	43.8	8 400 *										9.1
10.0	79.8	43.6	8 300 *										10.0
12.0	77.1	43.2	8 100 *										12.0
14.0	74.3	42.6	7 900 *	77.7	42.4	7 400 *							14.0
16.0	71.5	41.9	7 500 *	74.9	41.7	7 000 *	78.4	41.2	5 600 *				16.0
18.0	68.6	41.1	7 300 *	72.0	40.9	6 300 *	75.4	40.4	5 100 *	78.9	39.5	3 900 *	18.0
20.0	65.7	40.2	6 900 *	69.1	40.0	5 700 *	72.4	39.4	4 700 *	75.8	38.6	3 600 *	20.0
22.0	62.7	39.2	6 300 *	66.0	38.9	5 100 *	69.4	38.4	4 300 *	72.6	37.5	3 400 *	22.0
26.0	56.3	36.7	5 100 *	59.7	36.4	4 300 *	62.9	35.8	3 700 *	66.0	34.9	3 100 *	26.0
30.0	49.5	33.5	4 300 *	52.7	33.1	3 700 *	55.8	32.5	3 300 *				30.0
34.0	41.8	29.3	3 600 *	45.0	29.0	3 300 *							34.0
38.0	32.6	23.7	3 200 *										38.0
27.4m (90 Ft.) BOOM													
10.7	79.7	46.6	8 200 *										10.7
12.0	78.0	46.3	8 100 *										12.0
14.0	75.4	45.8	7 900 *	78.6	45.5	7 400 *							14.0
16.0	72.8	45.2	7 600 *	76.0	44.9	7 200 *	79.2	44.4	5 800 *				16.0
18.0	70.1	44.4	7 300 *	73.3	44.2	6 600 *	76.5	43.6	5 300 *				18.0
20.0	67.4	43.6	7 100 *	70.6	43.3	5 900 *	73.7	42.8	4 900 *	76.9	41.9	3 700 *	20.0
22.0	64.6	42.6	6 700 *	67.8	42.4	5 400 *	70.9	41.8	4 500 *	74.0	40.9	3 500 *	22.0
26.0	58.9	40.3	5 500 *	62.0	40.1	4 600 *	65.0	39.5	3 900 *	68.0	38.5	3 200 *	26.0
30.0	52.7	37.5	4 500 *	55.8	37.2	4 000 *	58.7	36.5	3 500 *	61.5	35.5	2 900 *	30.0
34.0	46.0	33.8	3 700 *	49.0	33.5	3 500 *							34.0
38.0	38.3	29.2	3 100 *	41.2	28.8	3 100 *							38.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

18.3m (60 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
30.5m (100 Ft.) BOOM													
10.7	80.3	49.7	8 000 *										10.7
12.0	78.7	49.4	7 900 *										12.0
14.0	76.3	49.0	7 800 *	79.3	48.7	7 400 *							14.0
16.0	73.9	48.4	7 600 *	76.9	48.1	7 200 *	79.9	47.6	5 900 *				16.0
18.0	71.4	47.7	7 300 *	74.4	47.4	6 900 *	77.4	46.9	5 400 *				18.0
20.0	68.9	46.9	7 000 *	71.9	46.6	6 200 *	74.8	46.1	5 000 *	77.8	45.2	3 800 *	20.0
22.0	66.3	46.0	6 800	69.3	45.7	5 700 *	72.2	45.2	4 700 *	75.1	44.3	3 600 *	22.0
26.0	61.0	43.9	5 500	64.0	43.6	4 800 *	66.8	43.0	4 100 *	69.6	42.1	3 200 *	26.0
30.0	55.5	41.3	4 500	58.3	41.0	4 200 *	61.1	40.3	3 600 *	63.7	39.3	2 900 *	30.0
34.0	49.4	38.1	3 700	52.3	37.7	3 700 *	54.9	37.0	3 300 *				34.0
38.0	42.8	34.0	3 100	45.5	33.6	3 200							38.0
42.0	35.1	28.8	2 600										42.0
33.5m (110 Ft.) BOOM													
10.7	80.9	52.8	7 900 *										10.7
12.0	79.4	52.6	7 900 *										12.0
14.0	77.1	52.1	7 700 *	80.0	51.8	7 400 *							14.0
16.0	74.8	51.6	7 600 *	77.7	51.3	7 200 *							16.0
18.0	72.5	50.9	7 400 *	75.3	50.6	7 000 *	78.2	50.1	5 600 *				18.0
20.0	70.2	50.2	7 100 *	73.0	49.9	6 500 *	75.8	49.3	5 100 *	78.6	48.4	3 900 *	20.0
22.0	67.8	49.4	6 800	70.6	49.1	5 900 *	73.4	48.5	4 800 *	76.1	47.6	3 600 *	22.0
26.0	62.9	47.4	5 400	65.7	47.1	5 100 *	68.4	46.5	4 200 *	71.0	45.5	3 300 *	26.0
30.0	57.8	45.0	4 400	60.5	44.7	4 400 *	63.1	44.1	3 800 *	65.6	43.0	3 000 *	30.0
34.0	52.3	42.1	3 600	55.0	41.7	3 700	57.5	41.0	3 400 *				34.0
38.0	46.4	38.5	3 000	49.0	38.1	3 000	51.4	37.3	3 100				38.0
42.0	39.7	34.0	2 500	42.3	33.5	2 600							42.0
36.6m (120 Ft.) BOOM													
12.2	79.8	55.6	7 800 *										12.2
14.0	77.9	55.2	7 600 *	80.5	55.0	7 400 *							14.0
16.0	75.7	54.7	7 500 *	78.4	54.5	7 200 *							16.0
18.0	73.5	54.1	7 400 *	76.2	53.8	7 100 *	78.9	53.3	5 700 *				18.0
20.0	71.3	53.4	7 200 *	74.0	53.2	6 800 *	76.6	52.6	5 300 *	79.3	51.6	3 900 *	20.0
22.0	69.1	52.7	6 800	71.7	52.4	6 200 *	74.4	51.8	4 900 *	77.0	50.8	3 700 *	22.0
26.0	64.5	50.8	5 300	67.1	50.6	5 300	69.7	49.9	4 300 *	72.2	49.0	3 300 *	26.0
30.0	59.8	48.6	4 200	62.4	48.3	4 400	64.9	47.7	3 900 *	67.2	46.6	3 100 *	30.0
34.0	54.8	45.9	3 400	57.3	45.6	3 500	59.7	44.9	3 500 *	62.0	43.8	2 800 *	34.0
38.0	49.4	42.6	2 800	51.9	42.3	2 900	54.2	41.6	3 000				38.0
42.0	43.5	38.7	2 300	45.9	38.3	2 400							42.0
46.0	36.9	33.7	2 000										46.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

18.3m (60 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
39.6m (130 Ft.) BOOM													
12.2	80.3	58.7	7 700 *										12.2
14.0	78.5	58.4	7 600 *										14.0
16.0	76.5	57.9	7 500 *	79.0	57.6	7 200 *							16.0
18.0	74.4	57.3	7 300 *	77.0	57.0	7 100 *	79.5	56.4	5 800 *				18.0
20.0	72.4	56.7	7 200	74.9	56.4	6 800 *	77.4	55.8	5 400 *	79.9	54.8	4 000 *	20.0
22.0	70.3	55.9	6 700	72.8	55.7	6 500 *	75.2	55.1	5 000 *	77.7	54.1	3 800 *	22.0
26.0	66.0	54.2	5 100	68.5	53.9	5 400	70.9	53.3	4 500 *	73.3	52.3	3 400 *	26.0
30.0	61.5	52.2	4 100	64.0	51.8	4 200	66.4	51.2	4 000 *	68.6	50.2	3 200 *	30.0
34.0	56.9	49.7	3 300	59.3	49.3	3 400	61.6	48.6	3 600	63.8	47.5	2 900 *	34.0
38.0	52.0	46.7	2 700	54.3	46.3	2 800	56.6	45.6	2 900				38.0
42.0	46.7	43.1	2 200	49.0	42.7	2 300	51.1	41.9	2 400				42.0
46.0	40.8	38.7	1 800	43.1	38.3	1 900							46.0
50.0	34.1	33.2	1 500										50.0
42.7m (140 Ft.) BOOM													
12.2	80.8	61.8	7 400 *										12.2
14.0	79.1	61.5	7 300 *										14.0
16.0	77.2	61.0	7 200 *	79.6	60.7	7 100 *							16.0
18.0	75.2	60.5	7 100 *	77.6	60.2	6 900 *							18.0
20.0	73.3	59.9	7 000 *	75.7	59.6	6 800 *	78.0	59.0	5 500 *	80.4	58.0	4 000 *	20.0
22.0	71.3	59.2	6 700	73.7	58.9	6 600	76.0	58.3	5 200 *	78.4	57.3	3 800 *	22.0
26.0	67.3	57.6	5 100	69.6	57.3	5 300	71.9	56.7	4 600 *	74.2	55.7	3 500 *	26.0
30.0	63.1	55.6	4 100	65.4	55.3	4 200	67.7	54.7	4 100 *	69.9	53.6	3 200 *	30.0
34.0	58.7	53.3	3 300	61.1	53.0	3 400	63.3	52.3	3 500	65.4	51.2	3 000 *	34.0
38.0	54.2	50.5	2 600	56.5	50.2	2 800	58.6	49.5	2 900	60.6	48.3	2 800 *	38.0
42.0	49.3	47.2	2 200	51.6	46.9	2 300	53.7	46.1	2 300				42.0
46.0	44.1	43.3	1 700	46.3	42.9	1 800							46.0
50.0	38.3	38.6	1 400										50.0
45.7m (150 Ft.) BOOM													
13.7	79.9	64.7	7 300 *										13.7
14.0	79.6	64.6	7 200 *										14.0
16.0	77.8	64.2	7 100 *	80.1	63.9	7 100 *							16.0
18.0	75.9	63.7	7 000 *	78.2	63.4	6 900 *							18.0
20.0	74.1	63.1	6 900	76.4	62.8	6 700 *	78.6	62.2	5 600 *				20.0
22.0	72.2	62.4	6 600	74.5	62.1	6 600	76.7	61.5	5 300 *	79.0	60.5	3 900 *	22.0
26.0	68.4	60.9	5 000	70.6	60.6	5 200	72.9	60.0	4 700 *	75.0	59.0	3 500 *	26.0
30.0	64.5	59.1	3 900	66.7	58.8	4 100	68.9	58.1	4 200	71.0	57.0	3 200 *	30.0
34.0	60.4	56.9	3 100	62.6	56.6	3 300	64.7	55.9	3 400	66.7	54.8	3 000 *	34.0
38.0	56.2	54.3	2 500	58.3	54.0	2 600	60.4	53.2	2 800	62.3	52.1	2 800 *	38.0
42.0	51.7	51.3	2 000	53.8	50.9	2 100	55.8	50.1	2 300				42.0
46.0	46.9	47.7	1 600	49.0	47.3	1 700							46.0
50.0				43.7	43.0	1 400							50.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

18.3m (60 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
48.8m (160 Ft.) BOOM													
13.7	80.3	67.8	7 200 *										13.7
14.0	80.1	67.7	7 100 *										14.0
16.0	78.4	67.3	7 000 *										16.0
18.0	76.6	66.8	6 900 *	78.8	66.5	6 900 *							18.0
20.0	74.8	66.3	6 800	77.0	66.0	6 700 *	79.2	65.3	5 700 *				20.0
22.0	73.1	65.6	6 400	75.2	65.3	6 500	77.4	64.7	5 400 *	79.5	63.7	3 900 *	22.0
26.0	69.4	64.2	4 900	71.6	63.9	5 100	73.7	63.3	4 800 *	75.8	62.2	3 600 *	26.0
30.0	65.7	62.5	3 800	67.8	62.1	4 000	69.9	61.5	4 200	71.9	60.4	3 300 *	30.0
34.0	61.9	60.4	3 000	64.0	60.1	3 200	66.0	59.4	3 300	68.0	58.3	3 100 *	34.0
38.0	57.9	58.0	2 400	60.0	57.6	2 500	62.0	56.9	2 600	63.8	55.8	2 800	38.0
42.0	53.7	55.2	1 900	55.8	54.8	2 000	57.7	54.0	2 100				42.0
46.0	49.3	51.8	1 500	51.3	51.5	1 600	53.2	50.7	1 700				46.0
51.8m (170 Ft.) BOOM													
13.7	80.8	70.9	7 000 *										13.7
14.0	80.5	70.8	7 000 *										14.0
16.0	78.9	70.4	6 900 *										16.0
18.0	77.2	69.9	6 800 *	79.3	69.7	6 900 *							18.0
20.0	75.5	69.4	6 700	77.6	69.1	6 700 *	79.7	68.5	5 800 *				20.0
22.0	73.8	68.8	6 300	75.9	68.5	6 500	78.0	67.9	5 500 *	80.0	66.9	3 900 *	22.0
26.0	70.4	67.5	4 700	72.4	67.2	5 000	74.5	66.5	4 900 *	76.5	65.5	3 600 *	26.0
30.0	66.8	65.8	3 600	68.9	65.5	3 900	70.9	64.8	4 100	72.8	63.8	3 300 *	30.0
34.0	63.2	63.9	2 900	65.2	63.5	3 000	67.2	62.9	3 200	69.1	61.8	3 100 *	34.0
38.0	59.5	61.6	2 200	61.5	61.2	2 400	63.4	60.5	2 500	65.2	59.4	2 700	38.0
42.0	55.6	58.9	1 800	57.5	58.6	1 900	59.4	57.8	2 000	61.1	56.6	2 100	42.0
46.0				53.4	55.5	1 500	55.2	54.7	1 600				46.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD/222 With Open Throat Top
24 180 kg Crane Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

18.3m (60 Ft.) JIB

Jib Oper. Rad. Meters	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
54.9m (180 Ft.) BOOM													
15.2	79.9	73.7	6 500 *										15.2
16.0	79.3	73.5	6 500 *										16.0
18.0	77.7	73.1	6 400 *	79.7	72.8	6 600 *							18.0
20.0	76.1	72.6	6 400 *	78.1	72.3	6 500 *	80.1	71.6	5 900 *				20.0
22.0	74.5	72.0	6 100	76.5	71.7	6 300	78.5	71.1	5 600 *	80.4	70.1	4 000 *	22.0
26.0	71.2	70.7	4 700	73.2	70.4	4 900	75.1	69.8	5 000	77.1	68.7	3 700 *	26.0
30.0	67.9	69.1	3 600	69.8	68.8	3 800	71.7	68.2	4 000	73.6	67.1	3 400 *	30.0
34.0	64.4	67.3	2 800	66.4	67.0	3 000	68.2	66.3	3 200	70.0	65.2	3 200 *	34.0
38.0	60.9	65.1	2 200	62.8	64.8	2 300	64.6	64.1	2 500	66.4	62.9	2 600	38.0
42.0	57.2	62.6	1 700	59.1	62.3	1 800	60.9	61.5	2 000	62.6	60.4	2 100	42.0
46.0				55.2	59.4	1 400	57.0	58.6	1 500				46.0
57.9m (190 Ft.) BOOM													
15.2	80.3	76.8	6 400 *										15.2
16.0	79.8	76.6	6 400 *										16.0
18.0	78.2	76.2	6 300 *										18.0
20.0	76.7	75.7	6 200 *	78.6	75.4	6 400 *	80.5	74.8	6 000 *				20.0
22.0	75.1	75.2	6 000	77.1	74.9	6 200	79.0	74.2	5 700 *				22.0
26.0	72.0	73.9	4 500	73.9	73.6	4 800	75.8	73.0	5 100	77.6	71.9	3 700 *	26.0
30.0	68.8	72.4	3 500	70.7	72.1	3 700	72.5	71.5	3 900	74.3	70.4	3 400 *	30.0
34.0	65.5	70.7	2 700	67.4	70.4	2 900	69.2	69.7	3 100	70.9	68.6	3 200	34.0
38.0	62.1	68.6	2 100	64.0	68.3	2 200	65.8	67.6	2 400	67.5	66.4	2 500	38.0
42.0	58.7	66.3	1 600	60.5	65.9	1 700	62.2	65.2	1 800	63.9	64.0	2 000	42.0
46.0							58.6	62.4	1 400				46.0