

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9056-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. 911764**, jib assembly **No. 911092** and Wire Rope Specification chart **No. 9063-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-B**.

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 and 2nd crane counterweight = 11 250 kg.

Maximum capacity on 22mm 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
45.7m	—	45.7m	—
42.7m	—	42.7m	—
39.6m	12.2m	39.6m	12.2m
36.6m	18.3m	36.6m	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	78.6	32.1	9 000 *	81.0	32.0	9 000 *							7.6
8.0	77.9	32.0	9 000 *	80.2	31.9	9 000 *							8.0
10.0	74.1	31.5	9 000 *	76.4	31.4	9 000 *	78.8	31.1	9 000 *				10.0
12.0	70.2	30.8	9 000 *	72.5	30.7	9 000 *	74.9	30.4	9 000 *	77.2	30.0	8 200 *	12.0
14.0	66.2	30.0	9 000 *	68.5	29.9	9 000 *	70.8	29.6	9 000 *	73.1	29.1	7 500 *	14.0
16.0	62.1	29.0	9 000 *	64.4	28.9	9 000 *	66.7	28.6	8 800 *	68.8	28.1	6 900 *	16.0
18.0	57.8	27.8	8 600	60.1	27.7	8 700	62.3	27.4	8 200 *	64.4	26.9	6 500 *	18.0
20.0	53.3	26.4	7 400	55.5	26.3	7 600	57.7	26.0	7 500				20.0
22.0	48.5	24.7	6 400	50.7	24.6	6 600	52.8	24.3	6 700				22.0
26.0	37.6	20.4	5 000										26.0
24.4m (80 Ft.) BOOM													
7.6	79.6	35.2	9 000 *										7.6
8.0	79.0	35.1	9 000 *										8.0
10.0	75.5	34.6	9 000 *	77.7	34.5	9 000 *							10.0
12.0	72.0	34.0	9 000 *	74.1	33.9	9 000 *	76.3	33.6	9 000 *	78.4	33.2	8 400 *	12.0
14.0	68.4	33.3	9 000 *	70.6	33.2	9 000 *	72.7	32.9	9 000 *	74.8	32.4	7 700 *	14.0
16.0	64.8	32.4	9 000 *	66.9	32.3	9 000 *	69.0	32.0	9 000 *	71.0	31.5	7 200 *	16.0
18.0	61.0	31.4	8 400	63.1	31.2	8 500	65.1	30.9	8 700 *	67.1	30.4	6 700 *	18.0
20.0	57.0	30.1	7 200	59.1	30.0	7 400	61.1	29.7	7 500	63.0	29.2	6 300 *	20.0
22.0	52.9	28.7	6 200	55.0	28.6	6 300	56.9	28.2	6 500				22.0
26.0	43.8	25.1	4 800	45.9	24.9	4 900							26.0
30.0	32.9	20.0	3 700										30.0
27.4m (90 Ft.) BOOM													
7.6	80.5	38.3	9 000 *										7.6
8.0	79.9	38.2	9 000 *										8.0
10.0	76.7	37.8	9 000 *	78.7	37.7	9 000 *							10.0
12.0	73.5	37.2	9 000 *	75.5	37.1	9 000 *	77.5	36.8	9 000 *				12.0
14.0	70.3	36.6	9 000 *	72.2	36.4	9 000 *	74.2	36.2	9 000 *	76.1	35.7	7 900 *	14.0
16.0	67.0	35.8	9 000 *	68.9	35.6	9 000 *	70.8	35.3	9 000 *	72.7	34.9	7 400 *	16.0
18.0	63.6	34.8	8 200	65.5	34.7	8 400	67.4	34.4	8 600	69.2	33.9	6 900 *	18.0
20.0	60.0	33.7	7 100	62.0	33.6	7 200	63.8	33.3	7 400	65.6	32.8	6 500 *	20.0
22.0	56.4	32.5	6 000	58.3	32.3	6 200	60.1	32.0	6 300	61.8	31.5	6 200	22.0
26.0	48.6	29.3	4 600	50.4	29.2	4 700							26.0
30.0	39.6	25.2	3 600										30.0

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Boom No. 222HD With Open Throat Top
24 180 kg Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

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	
30.5m (100 Ft.) BOOM													
9.1	79.0	41.1	9 000 *	80.8	41.0	9 000 *							9.1
10.0	77.8	40.9	9 000 *	79.6	40.8	9 000 *							10.0
12.0	74.8	40.4	9 000 *	76.6	40.3	9 000 *	78.5	40.0	9 000 *				12.0
14.0	71.8	39.8	9 000 *	73.6	39.7	9 000 *	75.5	39.4	9 000 *	77.2	38.9	8 100 *	14.0
16.0	68.8	39.1	9 000 *	70.6	38.9	9 000 *	72.4	38.6	9 000 *	74.1	38.1	7 600 *	16.0
18.0	65.7	38.2	8 100	67.5	38.1	8 300	69.3	37.8	8 400	71.0	37.3	7 100 *	18.0
20.0	62.5	37.2	6 800	64.3	37.1	7 100	66.0	36.8	7 200	67.7	36.3	6 700 *	20.0
22.0	59.3	36.1	5 900	61.0	36.0	6 000	62.7	35.6	6 200	64.3	35.1	6 300	22.0
26.0	52.3	33.3	4 400	54.1	33.2	4 500	55.7	32.8	4 600				26.0
30.0	44.7	29.7	3 400	46.4	29.6	3 500							30.0
34.0	35.8	24.9	2 600										34.0
33.5m (110 Ft.) BOOM													
9.1	79.8	44.2	9 000 *										9.1
10.0	78.6	44.0	9 000 *										10.0
12.0	75.9	43.6	9 000 *	77.6	43.4	9 000 *							12.0
14.0	73.2	43.0	9 000 *	74.8	42.9	9 000 *	76.5	42.6	9 000 *	78.2	42.1	8 300 *	14.0
16.0	70.4	42.3	8 900	72.0	42.2	9 000 *	73.7	41.9	9 000 *	75.3	41.4	7 700 *	16.0
18.0	67.5	41.5	8 000	69.2	41.4	8 100	70.8	41.1	8 300	72.4	40.6	7 300 *	18.0
20.0	64.6	40.6	6 600	66.3	40.5	6 900	67.9	40.2	7 100	69.5	39.7	6 900	20.0
22.0	61.6	39.6	5 700	63.3	39.5	5 900	64.9	39.2	6 000	66.4	38.6	6 200	22.0
26.0	55.4	37.1	4 200	57.0	37.0	4 300	58.6	36.6	4 500				26.0
30.0	48.6	33.9	3 100	50.2	33.8	3 300	51.7	33.4	3 400				30.0
34.0	41.1	29.9	2 400	42.6	29.7	2 500							34.0
38.0	32.1	24.4	1 800										38.0

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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	
36.6m (120 Ft.) BOOM													
9.1	80.5	47.3	9 000										9.1
10.0	79.4	47.1	9 000										10.0
12.0	76.9	46.7	9 000	78.4	46.6	9 000 *							12.0
14.0	74.3	46.2	9 000	75.9	46.1	9 000 *	77.5	45.8	9 000 *	79.0	45.3	8 400 *	14.0
16.0	71.7	45.5	8 800	73.3	45.4	9 000	74.8	45.1	9 000 *	76.4	44.6	7 900 *	16.0
18.0	69.1	44.8	7 800	70.6	44.7	8 100	72.2	44.4	8 200	73.7	43.9	7 500 *	18.0
20.0	66.4	44.0	6 500	67.9	43.9	6 700	69.5	43.6	6 900	70.9	43.0	7 000	20.0
22.0	63.7	43.0	5 500	65.2	42.9	5 700	66.7	42.6	5 800	68.1	42.1	6 000	22.0
26.0	58.0	40.8	4 000	59.5	40.6	4 100	61.0	40.3	4 300	62.3	39.7	4 400	26.0
30.0	51.9	37.9	2 900	53.4	37.8	3 100	54.8	37.4	3 200				30.0
34.0	45.3	34.4	2 200	46.7	34.2	2 300							34.0
38.0	37.7	29.8	1 600	39.2	29.6	1 600							38.0
39.6m (130 Ft.) BOOM													
10.7	79.3	50.1	9 000 *										10.7
12.0	77.7	49.8	9 000 *										12.0
14.0	75.3	49.3	9 000 *	76.8	49.2	9 000 *	78.3	48.9	9 000 *	79.7	48.4	8 500 *	14.0
16.0	72.9	48.8	8 800	74.3	48.6	8 900	75.8	48.3	9 000 *	77.3	47.8	8 100 *	16.0
18.0	70.4	48.1	7 600	71.9	48.0	7 900	73.4	47.6	8 100	74.8	47.1	7 600 *	18.0
20.0	67.9	47.3	6 300	69.4	47.2	6 600	70.8	46.9	6 800	72.2	46.3	7 000	20.0
22.0	65.4	46.4	5 300	66.9	46.3	5 500	68.3	46.0	5 700	69.6	45.4	5 900	22.0
26.0	60.2	44.3	3 800	61.6	44.2	4 000	63.0	43.9	4 100	64.3	43.3	4 300	26.0
30.0	54.6	41.7	2 800	56.0	41.6	2 900	57.4	41.2	3 000				30.0
34.0	48.7	38.5	2 000	50.1	38.4	2 100	51.4	38.0	2 200				34.0
38.0	42.1	34.6	1 400	43.5	34.4	1 500							38.0

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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	80.4	35.2	9 000 *										7.6
8.0	79.7	35.1	9 000 *										8.0
10.0	76.3	34.6	9 000 *	79.2	34.5	9 000 *							10.0
12.0	72.8	34.0	9 000 *	75.6	33.9	9 000 *	78.5	33.5	8 900 *				12.0
14.0	69.2	33.3	9 000 *	72.0	33.1	9 000 *	74.9	32.7	8 000 *	77.7	32.1	6 100 *	14.0
16.0	65.5	32.4	9 000 *	68.3	32.2	8 700 *	71.1	31.8	7 200 *	73.9	31.2	5 600 *	16.0
18.0	61.7	31.3	8 700	64.5	31.2	7 900 *	67.3	30.8	6 600 *	70.0	30.1	5 200 *	18.0
20.0	57.8	30.1	7 500	60.6	29.9	7 100 *	63.2	29.5	6 100 *	65.8	28.9	4 900 *	20.0
22.0	53.7	28.7	6 500	56.4	28.5	6 400 *	59.0	28.1	5 700 *				22.0
26.0	44.6	25.1	5 100	47.3	24.8	5 200							26.0
30.0	33.6	19.9	4 100										30.0
24.4m (80 Ft.) BOOM													
9.1	78.8	38.0	9 000 *										9.1
10.0	77.4	37.8	9 000 *										10.0
12.0	74.2	37.2	9 000 *	76.9	37.0	9 000 *							12.0
14.0	71.0	36.5	9 000 *	73.6	36.4	9 000 *	76.2	36.0	8 400 *	78.8	35.4	6 200 *	14.0
16.0	67.7	35.7	9 000 *	70.3	35.6	9 000 *	72.8	35.2	7 600 *	75.4	34.5	5 800 *	16.0
18.0	64.2	34.8	8 500	66.8	34.6	8 400 *	69.3	34.2	6 900 *	71.8	33.6	5 400 *	18.0
20.0	60.7	33.7	7 300	63.3	33.5	7 500	65.8	33.1	6 400 *	68.2	32.4	5 000 *	20.0
22.0	57.1	32.5	6 300	59.6	32.3	6 500	62.0	31.8	5 900 *	64.4	31.1	4 800 *	22.0
26.0	49.3	29.3	4 900	51.7	29.1	5 000	54.0	28.6	5 100				26.0
30.0	40.3	25.1	3 800	42.7	24.9	3 900							30.0
27.4m (90 Ft.) BOOM													
9.1	79.6	41.1	9 000 *										9.1
10.0	78.4	40.9	9 000 *										10.0
12.0	75.5	40.4	9 000 *	77.9	40.2	9 000 *							12.0
14.0	72.5	39.8	9 000 *	74.9	39.6	9 000 *	77.3	39.2	8 700 *	79.7	38.6	6 400 *	14.0
16.0	69.4	39.0	9 000 *	71.9	38.9	9 000 *	74.2	38.5	7 900 *	76.6	37.8	5 900 *	16.0
18.0	66.3	38.2	8 300	68.7	38.0	8 500	71.1	37.6	7 200 *	73.4	36.9	5 500 *	18.0
20.0	63.2	37.2	7 100	65.5	37.0	7 400	67.8	36.6	6 700 *	70.1	35.9	5 200 *	20.0
22.0	59.9	36.1	6 100	62.2	35.9	6 300	64.5	35.4	6 200 *	66.7	34.7	4 900 *	22.0
26.0	53.0	33.3	4 700	55.3	33.1	4 800	57.4	32.6	5 000				26.0
30.0	45.3	29.7	3 600	47.5	29.5	3 700							30.0
34.0	36.4	24.9	2 900										34.0

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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	80.4	44.2	9 000 *										9.1
10.0	79.2	44.0	9 000 *										10.0
12.0	76.5	43.5	9 000 *	78.8	43.4	9 000 *							12.0
14.0	73.8	43.0	9 000 *	76.0	42.8	9 000 *	78.2	42.4	8 900 *	80.5	41.8	6 500 *	14.0
16.0	71.0	42.3	9 000 *	73.2	42.1	9 000 *	75.4	41.7	8 200 *	77.6	41.1	6 000 *	16.0
18.0	68.1	41.5	8 200	70.3	41.3	8 400	72.5	40.9	7 500 *	74.7	40.2	5 600 *	18.0
20.0	65.2	40.6	6 900	67.4	40.4	7 200	69.6	40.0	6 900 *	71.7	39.3	5 300 *	20.0
22.0	62.2	39.6	5 900	64.4	39.4	6 200	66.5	39.0	6 400	68.6	38.2	5 000 *	22.0
26.0	56.0	37.1	4 500	58.1	36.9	4 600	60.2	36.4	4 800				26.0
30.0	49.2	33.9	3 400	51.3	33.7	3 600	53.3	33.2	3 700				30.0
34.0	41.6	29.9	2 700	43.7	29.6	2 800							34.0
38.0	32.7	24.4	2 100										38.0
33.5m (110 Ft.) BOOM													
9.1	81.0	47.3	9 000 *										9.1
10.0	79.9	47.1	9 000 *										10.0
12.0	77.4	46.7	9 000 *										12.0
14.0	74.9	46.2	9 000 *	77.0	46.0	9 000 *	79.1	45.6	9 000 *				14.0
16.0	72.3	45.5	9 000 *	74.4	45.3	9 000 *	76.4	44.9	8 400 *	78.5	44.3	6 100 *	16.0
18.0	69.6	44.8	8 100	71.7	44.6	8 300	73.8	44.2	7 700 *	75.8	43.5	5 800 *	18.0
20.0	66.9	44.0	6 700	69.0	43.8	7 000	71.0	43.4	7 200	73.0	42.7	5 400 *	20.0
22.0	64.2	43.0	5 800	66.3	42.8	6 000	68.3	42.4	6 200	70.2	41.7	5 200 *	22.0
26.0	58.5	40.8	4 300	60.6	40.5	4 500	62.5	40.1	4 600	64.3	39.3	4 700	26.0
30.0	52.4	37.9	3 200	54.4	37.7	3 400	56.3	37.2	3 500				30.0
34.0	45.8	34.3	2 500	47.7	34.1	2 600	49.5	33.5	2 700				34.0
38.0	38.3	29.8	1 900	40.1	29.5	2 000							38.0

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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	
36.6m (120 Ft.) BOOM													
10.7	79.8	50.1	9 000 *										10.7
12.0	78.2	49.8	9 000 *										12.0
14.0	75.8	49.3	9 000 *	77.8	49.1	9 000 *	79.8	48.7	9 000 *				14.0
16.0	73.4	48.7	8 900	75.4	48.5	9 000 *	77.3	48.1	8 700 *	79.3	47.5	6 200 *	16.0
18.0	70.9	48.1	7 900	72.9	47.9	8 100	74.8	47.4	8 000 *	76.8	46.8	5 900 *	18.0
20.0	68.5	47.3	6 600	70.4	47.1	6 800	72.3	46.7	7 200	74.2	46.0	5 500 *	20.0
22.0	65.9	46.4	5 500	67.9	46.2	5 800	69.7	45.8	6 100	71.6	45.1	5 300 *	22.0
26.0	60.7	44.3	4 000	62.6	44.1	4 300	64.4	43.7	4 500	66.2	42.9	4 600	26.0
30.0	55.1	41.7	3 000	57.0	41.5	3 200	58.8	41.0	3 300				30.0
34.0	49.2	38.5	2 200	51.0	38.3	2 400	52.7	37.8	2 500				34.0
38.0	42.6	34.5	1 600	44.4	34.3	1 800							38.0
39.6m (130 Ft.) BOOM													
10.7	80.4	53.2	9 000 *										10.7
12.0	78.9	52.9	9 000 *										12.0
14.0	76.7	52.5	9 000 *	78.5	52.3	9 000 *	80.4	51.9	9 000 *				14.0
16.0	74.4	51.9	8 800	76.3	51.7	9 000	78.1	51.3	8 800 *	79.9	50.6	6 300 *	16.0
18.0	72.1	51.3	7 700	74.0	51.1	8 100	75.8	50.7	8 200 *	77.6	50.0	5 900 *	18.0
20.0	69.8	50.6	6 400	71.6	50.4	6 700	73.4	49.9	7 000	75.2	49.2	5 600 *	20.0
22.0	67.4	49.8	5 400	69.2	49.5	5 700	71.0	49.1	5 900	72.8	48.4	5 400 *	22.0
26.0	62.5	47.8	3 900	64.4	47.6	4 100	66.1	47.1	4 300	67.8	46.4	4 500	26.0
30.0	57.5	45.4	2 900	59.2	45.2	3 000	60.9	44.7	3 200	62.5	43.9	3 300	30.0
34.0	52.0	42.5	2 100	53.8	42.3	2 200	55.4	41.8	2 400				34.0
38.0	46.2	39.0	1 500	47.9	38.7	1 600	49.4	38.1	1 700				38.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
24 180 kg 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	79.3	38.0	9 000 *										9.1
10.0	78.0	37.8	9 000 *										10.0
12.0	74.8	37.2	9 000 *	78.1	37.0	9 000 *							12.0
14.0	71.5	36.5	9 000 *	74.8	36.3	8 600 *	78.1	35.9	6 800 *				14.0
16.0	68.2	35.7	9 000 *	71.5	35.5	7 500 *	74.7	35.1	6 100 *	78.0	34.4	4 700 *	16.0
18.0	64.8	34.8	8 300 *	68.0	34.6	6 600 *	71.2	34.1	5 600 *	74.4	33.4	4 400 *	18.0
20.0	61.3	33.7	7 200 *	64.5	33.5	6 000 *	67.6	33.0	5 100 *	70.7	32.3	4 100 *	20.0
22.0	57.6	32.4	6 400 *	60.8	32.2	5 400 *	63.9	31.7	4 700 *	66.9	30.9	3 800 *	22.0
26.0	49.8	29.3	5 100	52.9	29.1	4 600 *	55.9	28.5	4 200 *				26.0
30.0	40.8	25.1	4 100	43.9	24.8	4 000 *							30.0
34.0	29.7	19.1	3 400										34.0
24.4m (80 Ft.) BOOM													
9.1	80.2	41.1	9 000 *										9.1
10.0	78.9	40.9	9 000 *										10.0
12.0	76.0	40.4	9 000 *	79.0	40.2	9 000 *							12.0
14.0	73.0	39.8	9 000 *	76.0	39.5	8 900 *	79.1	39.1	7 000 *				14.0
16.0	69.9	39.0	9 000 *	73.0	38.8	8 000 *	76.0	38.4	6 300 *	79.0	37.6	4 800 *	16.0
18.0	66.8	38.2	8 500	69.8	38.0	7 100 *	72.8	37.5	5 800 *	75.8	36.7	4 500 *	18.0
20.0	63.7	37.2	7 400	66.6	37.0	6 400 *	69.6	36.5	5 300 *	72.4	35.7	4 200 *	20.0
22.0	60.4	36.1	6 400	63.3	35.8	5 800 *	66.2	35.3	5 000 *	69.0	34.5	4 000 *	22.0
26.0	53.5	33.3	4 900	56.4	33.0	4 900	59.1	32.5	4 300 *				26.0
30.0	45.8	29.7	3 900	48.6	29.4	4 000							30.0
34.0	36.9	24.9	3 100	39.6	24.5	3 200							34.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
24 180 kg 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	
27.4m (90 Ft.) BOOM													
9.1	80.9	44.2	9 000 *										9.1
10.0	79.7	44.0	9 000 *										10.0
12.0	77.0	43.5	9 000 *										12.0
14.0	74.2	43.0	9 000 *	77.1	42.7	9 000 *	79.9	42.3	7 200 *				14.0
16.0	71.4	42.3	9 000 *	74.2	42.1	8 500 *	77.0	41.6	6 600 *	79.8	40.8	4 900 *	16.0
18.0	68.6	41.5	8 400	71.4	41.3	7 500 *	74.1	40.8	6 000 *	76.9	40.0	4 600 *	18.0
20.0	65.7	40.6	7 200	68.4	40.4	6 700 *	71.2	39.9	5 500 *	73.9	39.1	4 300 *	20.0
22.0	62.7	39.6	6 200	65.4	39.3	6 200 *	68.1	38.8	5 100 *	70.8	38.0	4 000 *	22.0
26.0	56.4	37.1	4 700	59.2	36.8	4 900	61.7	36.3	4 500 *	64.2	35.4	3 700 *	26.0
30.0	49.7	33.9	3 700	52.3	33.6	3 800	54.8	33.0	4 000				30.0
34.0	42.1	29.8	2 900	44.7	29.5	3 000							34.0
38.0	33.1	24.4	2 400										38.0
30.5m (100 Ft.) BOOM													
10.7	79.5	47.0	9 000 *										10.7
12.0	77.9	46.7	9 000 *										12.0
14.0	75.3	46.1	9 000 *	77.9	45.9	9 000 *	80.6	45.4	7 400 *				14.0
16.0	72.7	45.5	9 000 *	75.3	45.3	8 700 *	77.9	44.8	6 700 *				16.0
18.0	70.1	44.8	8 200	72.7	44.6	7 900 *	75.3	44.1	6 200 *	77.8	43.3	4 700 *	18.0
20.0	67.4	44.0	7 000	70.0	43.7	7 100	72.5	43.2	5 700 *	75.1	42.4	4 400 *	20.0
22.0	64.6	43.0	6 000	67.2	42.8	6 300	69.7	42.3	5 300 *	72.2	41.4	4 100 *	22.0
26.0	58.9	40.7	4 500	61.5	40.5	4 700	63.9	39.9	4 700	66.3	39.1	3 700 *	26.0
30.0	52.9	37.9	3 500	55.4	37.6	3 600	57.7	37.0	3 800				30.0
34.0	46.2	34.3	2 700	48.7	34.0	2 900	50.9	33.4	2 900				34.0
38.0	38.7	29.7	2 100	41.0	29.4	2 200							38.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
 Boom No. 222HD With Open Throat Top
 24 180 kg 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	
33.5m (110 Ft.) BOOM													
10.7	80.2	50.1	9 000 *										10.7
12.0	78.6	49.8	9 000 *										12.0
14.0	76.2	49.3	9 000 *	78.7	49.1	9 000 *							14.0
16.0	73.8	48.7	9 000 *	76.3	48.5	8 900 *	78.7	48.0	6 900 *				16.0
18.0	71.4	48.0	8 100	73.8	47.8	8 300 *	76.2	47.3	6 400 *	78.7	46.5	4 700 *	18.0
20.0	68.9	47.3	6 800	71.3	47.0	7 100	73.7	46.5	5 900 *	76.1	45.7	4 500 *	20.0
22.0	66.3	46.4	5 800	68.8	46.1	6 100	71.1	45.6	5 500 *	73.5	44.8	4 200 *	22.0
26.0	61.1	44.3	4 300	63.5	44.0	4 500	65.8	43.5	4 800	68.0	42.6	3 800 *	26.0
30.0	55.5	41.7	3 300	57.9	41.4	3 500	60.1	40.9	3 600	62.2	39.9	3 500 *	30.0
34.0	49.6	38.5	2 500	51.9	38.2	2 700	54.0	37.6	2 800				34.0
38.0	43.0	34.5	1 900	45.3	34.2	2 100							38.0
42.0	35.5	29.4	1 500										42.0
36.6m (120 Ft.) BOOM													
10.7	80.8	53.2	9 000 *										10.7
12.0	79.3	52.9	9 000 *										12.0
14.0	77.0	52.5	9 000 *	79.4	52.2	9 000 *							14.0
16.0	74.8	51.9	8 900	77.1	51.7	9 000 *	79.4	51.2	7 100 *				16.0
18.0	72.5	51.3	7 900	74.8	51.0	8 300	77.1	50.5	6 500 *	79.4	49.7	4 800 *	18.0
20.0	70.2	50.6	6 600	72.5	50.3	7 000	74.7	49.8	6 000 *	77.0	49.0	4 500 *	20.0
22.0	67.8	49.7	5 600	70.1	49.5	5 900	72.3	49.0	5 700 *	74.5	48.1	4 300 *	22.0
26.0	62.9	47.8	4 100	65.2	47.5	4 400	67.4	47.0	4 600	69.5	46.1	3 900 *	26.0
30.0	57.8	45.4	3 100	60.1	45.1	3 300	62.2	44.6	3 500	64.2	43.6	3 600	30.0
34.0	52.4	42.5	2 300	54.6	42.2	2 500	56.7	41.6	2 600				34.0
38.0	46.6	38.9	1 700	48.7	38.6	1 800	50.6	37.9	2 000				38.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
24 180 kg 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	80.5	41.1	8 300 *										9.1
10.0	79.2	40.9	8 300 *										10.0
12.0	76.3	40.4	8 100 *										12.0
14.0	73.3	39.8	7 700 *	77.0	39.5	7 300 *							14.0
16.0	70.3	39.0	7 400 *	73.9	38.8	6 600 *	77.6	38.3	5 300 *				16.0
18.0	67.2	38.2	7 100 *	70.8	37.9	5 800 *	74.4	37.4	4 800 *	78.1	36.7	3 800 *	18.0
20.0	64.0	37.2	6 400 *	67.6	36.9	5 200 *	71.2	36.4	4 400 *	74.7	35.6	3 500 *	20.0
22.0	60.7	36.1	5 700 *	64.3	35.8	4 700 *	67.8	35.3	4 100 *	71.3	34.4	3 200 *	22.0
26.0	53.8	33.3	4 600 *	57.3	33.0	4 000 *	60.7	32.4	3 500 *	64.0	31.5	2 900 *	26.0
30.0	46.1	29.7	3 800 *	49.6	29.4	3 500 *	52.8	28.7	3 100 *				30.0
34.0	37.2	24.9	3 300 *	40.5	24.5	3 100 *							34.0
24.4m (80 Ft.) BOOM													
10.7	79.1	43.9	8 100 *										10.7
12.0	77.3	43.5	8 100 *										12.0
14.0	74.5	43.0	7 800 *	77.9	42.7	7 300 *							14.0
16.0	71.7	42.3	7 500 *	75.1	42.0	6 900 *	78.5	41.5	5 500 *				16.0
18.0	68.9	41.5	7 200 *	72.3	41.3	6 200 *	75.6	40.7	5 000 *	79.0	39.9	3 800 *	18.0
20.0	66.0	40.6	6 900 *	69.3	40.3	5 500 *	72.6	39.8	4 600 *	76.0	39.0	3 600 *	20.0
22.0	63.0	39.6	6 200 *	66.3	39.3	5 000 *	69.6	38.8	4 200 *	72.9	37.9	3 300 *	22.0
26.0	56.7	37.1	5 000 *	60.0	36.8	4 200 *	63.2	36.2	3 700 *	66.3	35.3	3 000 *	26.0
30.0	50.0	33.9	3 900 *	53.2	33.6	3 700 *	56.3	33.0	3 300 *				30.0
34.0	42.4	29.8	3 100 *	45.6	29.5	3 200 *							34.0
38.0	33.4	24.4	2 600 *										38.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
24 180 kg 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	
27.4m (90 Ft.) BOOM													
10.7	79.8	47.0	8 100 *										10.7
12.0	78.1	46.7	8 000 *										12.0
14.0	75.6	46.1	7 800 *	78.8	45.9	7 300 *							14.0
16.0	73.0	45.5	7 600 *	76.2	45.3	7 000 *	79.3	44.7	5 600 *				16.0
18.0	70.3	44.8	7 300 *	73.5	44.5	6 500 *	76.6	44.0	5 100 *				18.0
20.0	67.7	44.0	7 000	70.8	43.7	5 800 *	73.9	43.2	4 700 *	77.0	42.3	3 600 *	20.0
22.0	64.9	43.0	6 300	68.0	42.7	5 300 *	71.1	42.2	4 400 *	74.2	41.3	3 400 *	22.0
26.0	59.2	40.7	4 800	62.3	40.5	4 500 *	65.3	39.9	3 800 *	68.2	38.9	3 000 *	26.0
30.0	53.1	37.9	3 700	56.2	37.6	3 900	59.1	37.0	3 400 *	61.8	35.9	2 800 *	30.0
34.0	46.5	34.3	3 000	49.5	34.0	3 100	52.2	33.3	3 100 *				34.0
38.0	39.0	29.7	2 400	41.8	29.3	2 500							38.0
30.5m (100 Ft.) BOOM													
10.7	80.5	50.1	8 000 *										10.7
12.0	78.9	49.8	7 900 *										12.0
14.0	76.5	49.3	7 800 *	79.5	49.0	7 400 *							14.0
16.0	74.1	48.7	7 600 *	77.0	48.5	7 100 *	80.0	47.9	5 800 *				16.0
18.0	71.6	48.0	7 300 *	74.6	47.8	6 700 *	77.5	47.2	5 300 *				18.0
20.0	69.1	47.3	7 100	72.1	47.0	6 100 *	75.0	46.5	4 900 *	77.9	45.6	3 700 *	20.0
22.0	66.6	46.4	6 100	69.5	46.1	5 600 *	72.4	45.6	4 500 *	75.3	44.6	3 500 *	22.0
26.0	61.3	44.3	4 600	64.2	44.0	4 700	67.1	43.4	4 000 *	69.8	42.5	3 100 *	26.0
30.0	55.8	41.7	3 500	58.7	41.4	3 700	61.4	40.8	3 500 *	64.0	39.7	2 800 *	30.0
34.0	49.9	38.5	2 800	52.7	38.2	2 900	55.3	37.5	3 100				34.0
38.0	43.3	34.5	2 200	46.0	34.1	2 300	48.5	33.4	2 400				38.0
42.0	35.7	29.4	1 700										42.0

Liftcrane Jib Capacities

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
24 180 kg 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	
33.5m (110 Ft.) BOOM													
10.7	81.0	53.2	7 800 *										10.7
12.0	79.5	52.9	7 800 *										12.0
14.0	77.3	52.5	7 700 *	80.1	52.2	7 300 *							14.0
16.0	75.0	51.9	7 600 *	77.8	51.6	7 100 *							16.0
18.0	72.7	51.3	7 400 *	75.5	51.0	6 900 *	78.3	50.4	5 400 *				18.0
20.0	70.4	50.6	6 900	73.2	50.3	6 400 *	75.9	49.7	5 000 *	78.7	48.8	3 700 *	20.0
22.0	68.0	49.7	5 900	70.8	49.5	5 800 *	73.5	48.9	4 700 *	76.2	47.9	3 500 *	22.0
26.0	63.2	47.8	4 400	65.9	47.5	4 600	68.6	46.9	4 100 *	71.2	45.9	3 200 *	26.0
30.0	58.1	45.4	3 300	60.8	45.1	3 600	63.4	44.5	3 600 *	65.9	43.4	2 900 *	30.0
34.0	52.7	42.5	2 600	55.3	42.2	2 700	57.8	41.5	2 900	60.2	40.4	2 700 *	34.0
38.0	46.8	38.9	2 000	49.4	38.6	2 100	51.8	37.8	2 200				38.0
42.0	40.3	34.5	1 500	42.8	34.1	1 600							42.0
36.6m (120 Ft.) BOOM													
12.2	79.9	56.0	7 700 *										12.2
14.0	78.0	55.6	7 600 *	80.7	55.3	7 300 *							14.0
16.0	75.9	55.1	7 500 *	78.5	54.8	7 100 *							16.0
18.0	73.7	54.5	7 300 *	76.4	54.2	6 900 *	79.0	53.6	5 500 *				18.0
20.0	71.5	53.8	6 700	74.2	53.5	6 700 *	76.8	52.9	5 100 *	79.4	52.0	3 800 *	20.0
22.0	69.3	53.0	5 700	71.9	52.8	6 000	74.5	52.2	4 800 *	77.1	51.2	3 600 *	22.0
26.0	64.8	51.2	4 200	67.4	50.9	4 500	69.9	50.3	4 200 *	72.4	49.3	3 200 *	26.0
30.0	60.1	49.0	3 100	62.6	48.7	3 400	65.1	48.1	3 600	67.5	47.0	2 900 *	30.0
34.0	55.1	46.3	2 400	57.6	46.0	2 500	60.0	45.3	2 700	62.2	44.2	2 700 *	34.0
38.0	49.8	43.1	1 700	52.2	42.8	1 900	54.5	42.0	2 100				38.0
42.0				46.4	38.8	1 400							42.0