

Liftcrane Jib Capacities

222HD SERIES B

**Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9054-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, 2nd crane counterweight = 4 530 kg, 3rd crane counterweight = 11 250 kg and four 1 590 kg crawler frame counterweights.

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

Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of 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	9 000 *	60.1	27.7	9 000 *	62.3	27.4	8 200 *	64.4	26.9	6 500 *	18.0
20.0	53.3	26.4	8 900	55.5	26.3	8 900 *	57.7	26.0	7 600 *				20.0
22.0	48.5	24.7	8 100	50.7	24.6	8 000	52.8	24.3	7 000 *				22.0
26.0	37.6	20.4	6 300 *										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	9 000 *	63.1	31.2	9 000 *	65.1	30.9	8 700 *	67.1	30.4	6 700 *	18.0
20.0	57.0	30.1	8 900	59.1	30.0	8 900	61.1	29.7	8 000 *	63.0	29.2	6 300 *	20.0
22.0	52.9	28.7	7 800	55.0	28.6	8 000	56.9	28.2	7 400 *				22.0
26.0	43.8	25.1	6 100	45.9	24.9	6 200							26.0
30.0	32.9	20.0	4 500 *										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	9 000 *	65.5	34.7	9 000 *	67.4	34.4	9 000 *	69.2	33.9	6 900 *	18.0
20.0	60.0	33.7	8 800	62.0	33.6	8 900	63.8	33.3	8 400 *	65.6	32.8	6 500 *	20.0
22.0	56.4	32.5	7 600	58.3	32.3	7 800	60.1	32.0	7 800	61.8	31.5	6 200 *	22.0
26.0	48.6	29.3	5 900	50.4	29.2	6 000							26.0
30.0	39.6	25.2	4 600										30.0

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 Boom No. 222HD With Open Throat Top
 28 710 kg Crane Counterweight
 6 350 kg Crawler Frame Counterweight
 6 807 mm Crawlers Extended
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

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	9 000 *	67.5	38.1	9 000 *	69.3	37.8	9 000 *	71.0	37.3	7 100 *	18.0
20.0	62.5	37.2	8 600	64.3	37.1	8 900	66.0	36.8	8 800	67.7	36.3	6 700 *	20.0
22.0	59.3	36.1	7 400	61.0	36.0	7 600	62.7	35.6	7 800	64.3	35.1	6 400 *	22.0
26.0	52.3	33.3	5 700	54.1	33.2	5 800	55.7	32.8	5 900				26.0
30.0	44.7	29.7	4 400	46.4	29.6	4 600							30.0
34.0	35.8	24.9	3 200 *										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	9 000 *	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	9 000 *	69.2	41.4	9 000 *	70.8	41.1	9 000 *	72.4	40.6	7 300 *	18.0
20.0	64.6	40.6	8 400	66.3	40.5	8 600	67.9	40.2	8 900	69.5	39.7	6 900 *	20.0
22.0	61.6	39.6	7 200	63.3	39.5	7 400	64.9	39.2	7 600	66.4	38.6	6 600 *	22.0
26.0	55.4	37.1	5 500	57.0	37.0	5 600	58.6	36.6	5 800				26.0
30.0	48.6	33.9	4 200 *	50.2	33.8	4 400	51.7	33.4	4 500				30.0
34.0	41.1	29.9	3 100 *	42.6	29.7	3 200 *							34.0
38.0	32.1	24.4	2 100 *										38.0



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28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

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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	
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	9 000 *	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	9 000 *	70.6	44.7	9 000 *	72.2	44.4	9 000 *	73.7	43.9	7 500 *	18.0
20.0	66.4	44.0	7 900 *	67.9	43.9	8 100 *	69.5	43.6	8 300 *	70.9	43.0	7 100 *	20.0
22.0	63.7	43.0	6 800 *	65.2	42.9	7 000 *	66.7	42.6	7 200 *	68.1	42.1	6 700 *	22.0
26.0	58.0	40.8	5 100 *	59.5	40.6	5 300 *	61.0	40.3	5 500 *	62.3	39.7	5 700 *	26.0
30.0	51.9	37.9	3 900 *	53.4	37.8	4 000 *	54.8	37.4	4 200 *				30.0
34.0	45.3	34.4	2 800 *	46.7	34.2	3 000 *							34.0
38.0	37.7	29.8	2 000 *	39.2	29.6	2 100 *							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	9 000 *	74.3	48.6	9 000 *	75.8	48.3	9 000 *	77.3	47.8	8 100 *	16.0
18.0	70.4	48.1	8 700 *	71.9	48.0	8 800 *	73.4	47.6	9 000 *	74.8	47.1	7 600 *	18.0
20.0	67.9	47.3	7 500 *	69.4	47.2	7 700 *	70.8	46.9	8 000 *	72.2	46.3	7 200 *	20.0
22.0	65.4	46.4	6 400 *	66.9	46.3	6 700 *	68.3	46.0	6 900 *	69.6	45.4	6 800 *	22.0
26.0	60.2	44.3	4 800 *	61.6	44.2	5 000 *	63.0	43.9	5 200 *	64.3	43.3	5 400 *	26.0
30.0	54.6	41.7	3 600 *	56.0	41.6	3 700 *	57.4	41.2	3 900 *				30.0
34.0	48.7	38.5	2 600 *	50.1	38.4	2 700 *	51.4	38.0	2 900 *				34.0
38.0	42.1	34.6	1 800 *	43.5	34.4	1 900 *							38.0

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Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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	9 000 *	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	8 500 *	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	7 500 *	56.4	28.5	6 400 *	59.0	28.1	5 700 *				22.0
26.0	44.6	25.1	6 100 *	47.3	24.8	5 500 *							26.0
30.0	33.6	19.9	4 900 *										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	9 000 *	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	8 900	63.3	33.5	7 600 *	65.8	33.1	6 400 *	68.2	32.4	5 000 *	20.0
22.0	57.1	32.5	7 900	59.6	32.3	6 900 *	62.0	31.8	5 900 *	64.4	31.1	4 800 *	22.0
26.0	49.3	29.3	6 200	51.7	29.1	5 900 *	54.0	28.6	5 200 *				26.0
30.0	40.3	25.1	4 900	42.7	24.9	5 000							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	9 000 *	68.7	38.0	8 900 *	71.1	37.6	7 200 *	73.4	36.9	5 500 *	18.0
20.0	63.2	37.2	8 900	65.5	37.0	8 100 *	67.8	36.6	6 700 *	70.1	35.9	5 200 *	20.0
22.0	59.9	36.1	7 700	62.2	35.9	7 400 *	64.5	35.4	6 200 *	66.7	34.7	4 900 *	22.0
26.0	53.0	33.3	6 000	55.3	33.1	6 100	57.4	32.6	5 500 *				26.0
30.0	45.3	29.7	4 700	47.5	29.5	4 900							30.0
34.0	36.4	24.9	3 600 *										34.0



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 28 710 kg Crane Counterweight
 6 350 kg Crawler Frame Counterweight
 6 807 mm Crawlers Extended
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

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	9 000 *	70.3	41.3	9 000 *	72.5	40.9	7 500 *	74.7	40.2	5 600 *	18.0
20.0	65.2	40.6	8 700	67.4	40.4	8 600 *	69.6	40.0	6 900 *	71.7	39.3	5 300 *	20.0
22.0	62.2	39.6	7 500	64.4	39.4	7 800	66.5	39.0	6 500 *	68.6	38.2	5 000 *	22.0
26.0	56.0	37.1	5 800	58.1	36.9	5 900	60.2	36.4	5 700 *				26.0
30.0	49.2	33.9	4 600	51.3	33.7	4 700	53.3	33.2	4 800				30.0
34.0	41.6	29.9	3 500 *	43.7	29.6	3 700 *							34.0
38.0	32.7	24.4	2 500 *										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	9 000 *	71.7	44.6	9 000 *	73.8	44.2	7 700 *	75.8	43.5	5 800 *	18.0
20.0	66.9	44.0	8 500	69.0	43.8	8 700 *	71.0	43.4	7 200 *	73.0	42.7	5 400 *	20.0
22.0	64.2	43.0	7 300	66.3	42.8	7 600	68.3	42.4	6 700 *	70.2	41.7	5 200 *	22.0
26.0	58.5	40.8	5 600	60.6	40.5	5 800	62.5	40.1	6 000	64.3	39.3	4 700 *	26.0
30.0	52.4	37.9	4 300	54.4	37.7	4 500	56.3	37.2	4 600				30.0
34.0	45.8	34.3	3 300 *	47.7	34.1	3 500 *	49.5	33.5	3 600				34.0
38.0	38.3	29.8	2 400 *	40.1	29.5	2 600 *							38.0

Liftcrane Jib Capacities

222HD SERIES B

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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	9 000 *	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	9 000 *	72.9	47.9	9 000 *	74.8	47.4	8 000 *	76.8	46.8	5 900 *	18.0
20.0	68.5	47.3	8 000 *	70.4	47.1	8 200 *	72.3	46.7	7 400 *	74.2	46.0	5 500 *	20.0
22.0	65.9	46.4	6 900 *	67.9	46.2	7 100 *	69.7	45.8	6 900 *	71.6	45.1	5 300 *	22.0
26.0	60.7	44.3	5 200 *	62.6	44.1	5 400 *	64.4	43.7	5 700 *	66.2	42.9	4 800 *	26.0
30.0	55.1	41.7	4 000 *	57.0	41.5	4 200 *	58.8	41.0	4 400 *				30.0
34.0	49.2	38.5	3 000 *	51.0	38.3	3 200 *	52.7	37.8	3 300 *				34.0
38.0	42.6	34.5	2 100 *	44.4	34.3	2 300 *							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	9 000 *	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	8 700 *	74.0	51.1	8 900 *	75.8	50.7	8 200 *	77.6	50.0	5 900 *	18.0
20.0	69.8	50.6	7 500 *	71.6	50.4	7 800 *	73.4	49.9	7 600 *	75.2	49.2	5 600 *	20.0
22.0	67.4	49.8	6 500 *	69.2	49.5	6 700 *	71.0	49.1	7 000 *	72.8	48.4	5 400 *	22.0
26.0	62.5	47.8	4 900 *	64.4	47.6	5 100 *	66.1	47.1	5 400 *	67.8	46.4	4 900 *	26.0
30.0	57.5	45.4	3 700 *	59.2	45.2	3 900 *	60.9	44.7	4 100 *	62.5	43.9	4 300 *	30.0
34.0	52.0	42.5	2 700 *	53.8	42.3	2 900 *	55.4	41.8	3 100 *				34.0
38.0	46.2	39.0	1 900 *	47.9	38.7	2 100 *	49.4	38.1	2 300 *				38.0



Liftcrane Jib Capacities

222HD SERIES B

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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	5 200 *	52.9	29.1	4 600 *	55.9	28.5	4 200 *				26.0
30.0	40.8	25.1	4 400 *	43.9	24.8	4 000 *							30.0
34.0	29.7	19.1	3 800 *										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	8 900 *	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	7 900 *	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	7 000 *	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	5 700 *	56.4	33.0	4 900 *	59.1	32.5	4 300 *				26.0
30.0	45.8	29.7	4 800 *	48.6	29.4	4 300 *							30.0
34.0	36.9	24.9	3 900 *	39.6	24.5	3 800 *							34.0
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	9 000 *	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	8 700 *	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	7 700 *	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	6 000 *	59.2	36.8	5 200 *	61.7	36.3	4 500 *	64.2	35.4	3 700 *	26.0
30.0	49.7	33.9	4 800 *	52.3	33.6	4 600 *	54.8	33.0	4 000 *				30.0
34.0	42.1	29.8	3 900 *	44.7	29.5	4 000 *							34.0
38.0	33.1	24.4	2 800 *										38.0

Liftcrane Jib Capacities

222HD SERIES B

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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	79.5	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	9 000 *	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	8 800	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	7 600	67.2	42.8	6 500 *	69.7	42.3	5 300 *	72.2	41.4	4 100 *	22.0
26.0	58.9	40.7	5 900	61.5	40.5	5 500 *	63.9	39.9	4 700 *	66.3	39.1	3 700 *	26.0
30.0	52.9	37.9	4 600	55.4	37.6	4 800	57.7	37.0	4 200 *				30.0
34.0	46.2	34.3	3 600 *	48.7	34.0	3 800	50.9	33.4	3 800				34.0
38.0	38.7	29.7	2 700 *	41.0	29.4	3 000 *							38.0
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	9 000 *	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	8 500 *	71.3	47.0	7 500 *	73.7	46.5	5 900 *	76.1	45.7	4 500 *	20.0
22.0	66.3	46.4	7 400 *	68.8	46.1	6 800 *	71.1	45.6	5 500 *	73.5	44.8	4 200 *	22.0
26.0	61.1	44.3	5 600	63.5	44.0	5 800	65.8	43.5	4 800 *	68.0	42.6	3 800 *	26.0
30.0	55.5	41.7	4 400	57.9	41.4	4 600	60.1	40.9	4 400 *	62.2	39.9	3 500 *	30.0
34.0	49.6	38.5	3 400 *	51.9	38.2	3 600 *	54.0	37.6	3 800				34.0
38.0	43.0	34.5	2 600 *	45.3	34.2	2 700 *							38.0
42.0	35.5	29.4	1 800 *										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	9 000 *	77.1	51.7	9 000 *	79.4	51.2	7 100 *				16.0
18.0	72.5	51.3	9 000 *	74.8	51.0	8 600 *	77.1	50.5	6 500 *	79.4	49.7	4 800 *	18.0
20.0	70.2	50.6	8 000 *	72.5	50.3	7 800 *	74.7	49.8	6 000 *	77.0	49.0	4 500 *	20.0
22.0	67.8	49.7	6 900 *	70.1	49.5	7 100 *	72.3	49.0	5 700 *	74.5	48.1	4 300 *	22.0
26.0	62.9	47.8	5 300 *	65.2	47.5	5 500 *	67.4	47.0	5 000 *	69.5	46.1	3 900 *	26.0
30.0	57.8	45.4	4 000 *	60.1	45.1	4 300 *	62.2	44.6	4 500 *	64.2	43.6	3 600 *	30.0
34.0	52.4	42.5	3 100 *	54.6	42.2	3 300 *	56.7	41.6	3 500 *				34.0
38.0	46.6	38.9	2 300 *	48.7	38.6	2 500 *	50.6	37.9	2 700 *				38.0
42.0	40.0	34.5	1 600 *	42.1	34.1	1 800 *							42.0



Liftcrane Jib Capacities

222HD SERIES B

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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	4 200 *	53.2	33.6	3 700 *	56.3	33.0	3 300 *				30.0
34.0	42.4	29.8	3 600 *	45.6	29.5	3 300 *							34.0
38.0	33.4	24.4	3 100 *										38.0
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	6 700 *	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	5 400 *	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	4 500 *	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	3 900 *	49.5	34.0	3 400 *	52.2	33.3	3 100 *				34.0
38.0	39.0	29.7	3 100 *	41.8	29.3	3 100 *							38.0

Liftcrane Jib Capacities

222HD SERIES B

Jib No. 10 With 3 810 mm Strut On
Boom No. 222HD With Open Throat Top
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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	80.5	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	6 900 *	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	5 800	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	4 700	58.7	41.4	4 100 *	61.4	40.8	3 500 *	64.0	39.7	2 800 *	30.0
34.0	49.9	38.5	3 800	52.7	38.2	3 600 *	55.3	37.5	3 200 *				34.0
38.0	43.3	34.5	2 900 *	46.0	34.1	3 100 *	48.5	33.4	2 900 *				38.0
42.0	35.7	29.4	2 100 *										42.0
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	7 100 *	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	6 900 *	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	5 700	65.9	47.5	4 900 *	68.6	46.9	4 100 *	71.2	45.9	3 200 *	26.0
30.0	58.1	45.4	4 400	60.8	45.1	4 300 *	63.4	44.5	3 600 *	65.9	43.4	2 900 *	30.0
34.0	52.7	42.5	3 500 *	55.3	42.2	3 700 *	57.8	41.5	3 300 *	60.2	40.4	2 700 *	34.0
38.0	46.8	38.9	2 600 *	49.4	38.6	2 900 *	51.8	37.8	3 000 *				38.0
42.0	40.3	34.5	1 900 *	42.8	34.1	2 200 *							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	7 400 *	76.4	54.2	6 900 *	79.0	53.6	5 500 *				18.0
20.0	71.5	53.8	7 100 *	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	6 800 *	71.9	52.8	6 100 *	74.5	52.2	4 800 *	77.1	51.2	3 600 *	22.0
26.0	64.8	51.2	5 300 *	67.4	50.9	5 100 *	69.9	50.3	4 200 *	72.4	49.3	3 200 *	26.0
30.0	60.1	49.0	4 100 *	62.6	48.7	4 400 *	65.1	48.1	3 800 *	67.5	47.0	2 900 *	30.0
34.0	55.1	46.3	3 100 *	57.6	46.0	3 400 *	60.0	45.3	3 400 *	62.2	44.2	2 700 *	34.0
38.0	49.8	43.1	2 400 *	52.2	42.8	2 600 *	54.5	42.0	2 800 *				38.0
42.0	44.0	39.2	1 700 *	46.4	38.8	1 900 *							42.0