

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225 On 2250 or M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

LIFTING CAPACITIES: Lifting capacities for various boom lengths and 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 (*).

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Exit MAX-ER mode before operating without wheeled counterweight.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Weight of luffing jib and 2 270 kg suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is 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 in a level position on a firm uniformly supporting surface with gantry and mast up. During operation, luffing jib must be maintained at proper boom to luffing jib angle shown in table. Refer to luffing jib assembly **No. 176153** or **No. 192108**, Wire Rope Specification chart **No. 7581-J**, Luffing Jib Raising Procedure chart **No. 7728-A**, and Counterweight Arrangement chart **No. 7692-A** or **No. 8026-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 and luffing jib set at proper boom to luffing jib angle shown in table. Refer to Maximum Allowable Travel Specification chart **No. 7760-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. 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.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER 225, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 8 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 76 750 kg (2250) crane counterweight or 75 750 kg (M-250) crane counterweight, two 13 610 kg carbody counterweights and wheeled counterweight as specified.

WARNING: Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Consult chart series **No. 7725** for luffing jib capacities.

Luffing Jib Position During Operation	
Luffing Jib Length - Meters	Boom To Luffing Jib Angle
21.3	145 Degrees
24.4 - 27.4	150 Degrees
30.5 - 33.5	160 Degrees
36.6 - 61.0	168 Degrees

Deduct From Boom Capacities When Fixed Jib Is Attached To Luffing Jib	
Fixed Jib Length	Fixed Jib No. 140
12.2m	9 070 kg
18.3m	10 430 kg
24.4m	11 790 kg
30.5m	14 060 kg
36.6m	16 330 kg
1 360 kg Suspended Beneath Fixed Jib Point Included In Deducts.	

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76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

21.3m (70 Ft.) Luffing Jib 145 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	193 600 *	212 800 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	191 800 *	210 900 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	180 000 *	198 100 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	169 400 *	186 500 *	209 300 *	217 700 *	9.0
10.0	79.9	44.9	151 300 *	166 800 *	188 200 *	212 400 *	10.0
11.0	78.5	44.7	133 800	150 500 *	170 000 *	192 100 *	11.0
12.0	77.2	44.5	115 400	136 800 *	154 800 *	175 000 *	12.0
13.0	75.8	44.2	100 900	124 900	141 700 *	160 500 *	13.0
14.0	74.4	43.9	89 100	112 000	130 500 *	148 000 *	14.0
15.0	73.0	43.6	79 400	100 300	120 700 *	137 000 *	15.0
16.0	71.5	43.2	71 200	90 400	112 000 *	127 400 *	16.0
18.0	68.7	42.5	58 200	74 800	97 500 *	111 200 *	18.0
20.0	65.7	41.6	48 500	63 000	83 500	98 300 *	20.0
22.0	62.7	40.6	40 700	53 700	72 000	87 500 *	22.0
24.0	59.6	39.4	34 500	46 300	62 700	78 500 *	24.0
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	178 800 *	196 700 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	169 200 *	186 300 *	209 000 *	217 700 *	9.0
10.0	81.2	51.1	150 900 *	166 500 *	187 800 *	213 700 *	10.0
11.0	80.0	50.9	134 000	150 100 *	169 700 *	191 700 *	11.0
12.0	78.8	50.7	115 500	136 400 *	154 500 *	174 700 *	12.0
13.0	77.6	50.5	101 000	124 700	141 400 *	160 200 *	13.0
14.0	76.4	50.2	89 300	112 200	130 200 *	147 700 *	14.0
15.0	75.2	50.0	79 500	100 400	120 400 *	136 800 *	15.0
16.0	73.9	49.7	71 300	90 500	111 700 *	127 100 *	16.0
18.0	71.5	49.0	58 300	74 900	97 200 *	111 000 *	18.0
20.0	68.9	48.2	48 500	63 000	83 600	98 000 *	20.0
22.0	66.4	47.4	40 700	53 800	72 100	87 300 *	22.0
24.0	63.8	46.4	34 500	46 300	62 800	78 300 *	24.0
26.0	61.1	45.3	29 400	40 100	55 100	70 700 *	26.0
28.0	58.3	44.1	25 100	35 000	48 800	64 100	28.0

Liftcrane Boom Capacities With Luffing Jib Attached

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MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

21.3m (70 Ft.) Luffing Jib 145 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	153 600 *	169 500 *	191 400 *	216 000 *	9.8
10.0	82.2	57.3	149 600 *	165 200 *	186 600 *	210 700 *	10.0
11.0	81.1	57.1	133 600	148 700 *	168 300 *	190 300 *	11.0
12.0	80.1	56.9	115 000	135 000 *	153 000 *	173 300 *	12.0
13.0	79.0	56.7	100 400	123 300 *	140 000 *	158 800 *	13.0
14.0	77.9	56.5	88 600	111 500	128 800 *	146 200 *	14.0
15.0	76.8	56.3	78 800	99 700	118 900 *	135 300 *	15.0
16.0	75.8	56.0	70 500	89 700	110 300 *	125 700 *	16.0
18.0	73.6	55.4	57 400	74 000	95 800 *	109 600 *	18.0
20.0	71.4	54.8	47 500	62 100	82 600	96 500 *	20.0
22.0	69.2	54.0	39 700	52 700	71 000	85 800 *	22.0
24.0	66.9	53.2	33 400	45 200	61 700	76 800 *	24.0
26.0	64.6	52.2	28 300	39 000	54 100	69 300 *	26.0
28.0	62.2	51.2	24 000	33 800	47 600	62 700 *	28.0
30.0	59.8	50.0	20 300	29 400	42 100	56 600	30.0
32.0	57.3	48.8	17 100	25 600	37 500	50 800	32.0
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	143 600 *	158 500 *	179 300 *	202 500 *	10.4
11.0	82.0	63.3	134 200	148 500 *	168 100 *	190 100 *	11.0
12.0	81.1	63.1	115 500	134 800 *	152 800 *	173 100 *	12.0
13.0	80.1	62.9	100 800	123 100 *	139 800 *	158 600 *	13.0
14.0	79.1	62.8	88 900	111 800	128 500 *	146 000 *	14.0
15.0	78.2	62.5	79 000	99 900	118 700 *	135 100 *	15.0
16.0	77.2	62.3	70 700	89 900	110 100 *	125 500 *	16.0
18.0	75.3	61.8	57 600	74 200	95 600 *	109 300 *	18.0
20.0	73.3	61.2	47 600	62 200	82 800	96 400 *	20.0
22.0	71.3	60.5	39 800	52 800	71 100	85 600 *	22.0
24.0	69.3	59.8	33 500	45 200	61 700	76 700 *	24.0
26.0	67.3	58.9	28 300	39 000	54 100	69 000 *	26.0
28.0	65.2	58.0	24 000	33 800	47 600	62 400 *	28.0
30.0	63.1	57.0	20 300	29 400	42 100	56 500	30.0
32.0	61.0	55.9	17 100	25 500	37 400	50 800	32.0
34.0	58.8	54.7	14 300	22 200	33 300	45 800	34.0



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Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

21.3m (70 Ft.) Luffing Jib
145 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	134 500 *	148 600 *	163 800 *	163 800 *	11.0
12.0	81.9	69.3	115 800	134 600 *	153 000 *	163 800 *	12.0
13.0	81.0	69.1	101 000	122 900 *	139 500 *	159 000 *	13.0
14.0	80.1	69.0	89 100	111 900	128 300 *	145 800 *	14.0
15.0	79.3	68.8	79 200	100 100	118 500 *	134 900 *	15.0
16.0	78.4	68.6	70 800	90 000	109 900 *	125 300 *	16.0
18.0	76.6	68.1	57 700	74 200	95 400 *	109 100 *	18.0
20.0	74.9	67.6	47 700	62 300	82 800	96 100 *	20.0
22.0	73.1	66.9	39 800	52 800	71 100	85 400 *	22.0
24.0	71.3	66.3	33 500	45 300	61 800	76 400 *	24.0
26.0	69.5	65.5	28 300	39 000	54 100	68 800 *	26.0
28.0	67.6	64.7	24 000	33 800	47 600	62 200 *	28.0
30.0	65.7	63.8	20 300	29 300	42 100	56 400	30.0
32.0	63.8	62.8	17 100	25 500	37 400	50 800	32.0
34.0	61.9	61.8	14 300	22 200	33 300	45 800	34.0
36.0	59.9	60.6	11 800	19 300	29 700	41 400	36.0
38.0	57.9	59.4	9 700	16 700	26 500	37 500	38.0

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Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

21.3m (70 Ft.) Luffing Jib 145 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	139 800 *	153 500 *	153 500 *	11.6
12.0	82.6	75.5	134 400 *	150 900 *	153 500 *	12.0
13.0	81.8	75.3	122 600 *	139 300 *	153 300 *	13.0
14.0	81.0	75.2	112 000	128 100 *	145 700 *	14.0
15.0	80.2	75.0	100 200	118 300 *	134 700 *	15.0
16.0	79.4	74.8	90 100	109 600 *	125 100 *	16.0
18.0	77.8	74.4	74 300	95 200 *	108 900 *	18.0
20.0	76.2	73.9	62 300	82 800	95 900 *	20.0
22.0	74.5	73.3	52 800	71 100	85 200 *	22.0
24.0	72.9	72.7	45 200	61 700	76 300 *	24.0
26.0	71.3	72.0	39 000	54 000	68 600 *	26.0
28.0	69.6	71.3	33 700	47 600	62 000 *	28.0
30.0	67.9	70.5	29 300	42 000	56 300	30.0
32.0	66.2	69.6	25 400	37 300	50 700	32.0
34.0	64.4	68.7	22 100	33 200	45 700	34.0
36.0	62.7	67.6	19 200	29 600	41 300	36.0
38.0	60.9	66.5	16 600	26 400	37 500	38.0
40.0	59.1	65.3	14 300	23 600	34 000	40.0
42.0	57.2	64.1	12 200	21 000	30 900	42.0

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Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

21.3m (70 Ft.) Luffing Jib 145 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	123 200 *	123 200 *
13.0	82.4	81.5	121 100 *	121 100 *
14.0	81.7	81.3	118 600 *	118 600 *
15.0	80.9	81.2	116 100 *	116 100 *
16.0	80.2	81.0	111 000 *	113 700 *
18.0	78.7	80.6	94 800 *	107 600 *
20.0	77.3	80.1	82 700	95 500 *
22.0	75.8	79.6	71 000	84 900 *
24.0	74.3	79.1	61 500	75 900 *
26.0	72.7	78.5	53 800	68 300 *
28.0	71.2	77.8	47 300	61 700 *
30.0	69.7	77.1	41 800	56 000 *
32.0	68.1	76.3	37 100	50 500
34.0	66.5	75.4	33 000	45 500
36.0	65.0	74.5	29 400	41 100
38.0	63.3	73.5	26 200	37 200
40.0	61.7	72.4	23 300	33 800
42.0	60.0	71.3	20 800	30 700
44.0	58.3	70.0	18 500	27 900
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	104 800 *	104 800 *
14.0	82.3	87.5	103 600 *	103 600 *
15.0	81.6	87.3	101 400 *	101 400 *
16.0	80.9	87.2	99 200 *	99 200 *
18.0	79.5	86.8	93 800 *	94 900 *
20.0	78.2	86.4	82 700	90 700 *
22.0	76.8	85.9	70 900	85 200 *
24.0	75.4	85.4	61 500	75 600 *
26.0	74.0	84.8	53 700	68 000 *
28.0	72.6	84.2	47 300	61 500 *
30.0	71.2	83.5	41 800	55 700 *
32.0	69.8	82.8	37 000	50 400
34.0	68.3	82.0	32 900	45 400
36.0	66.9	81.2	29 300	41 000
38.0	65.4	80.3	26 000	37 100
40.0	63.9	79.3	23 200	33 600
42.0	62.4	78.3	20 600	30 500
44.0	60.8	77.1	18 300	27 700
46.0	59.3	76.0	16 200	25 200
48.0	57.7	74.7	14 300	22 900

21.3m (70 Ft.) Luffing Jib 145 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	77 700 *
15.0	82.2	93.5	76 200 *
16.0	81.5	93.4	74 600 *
18.0	80.3	93.0	71 400 *
20.0	79.0	92.6	68 200 *
22.0	77.7	92.2	65 000 *
24.0	76.4	91.7	61 900 *
26.0	75.1	91.2	58 800 *
28.0	73.8	90.6	55 800 *
30.0	72.5	90.0	52 900 *
32.0	71.2	89.3	50 000 *
34.0	69.8	88.6	45 000
36.0	68.5	87.8	40 600
38.0	67.1	87.0	36 700
40.0	65.8	86.1	33 300
42.0	64.4	85.1	30 200
44.0	63.0	84.1	27 400
46.0	61.5	83.0	24 800
48.0	60.1	81.9	22 500
50.0	58.6	80.7	20 400
52.0	57.1	79.4	18 400 *

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Luffing Jib No. 133 or No. 133A
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or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	192 800 *	212 000 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	191 000 *	210 100 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	179 200 *	197 200 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	168 600 *	185 600 *	208 600 *	217 700 *	9.0
10.0	79.9	44.9	150 400 *	165 900 *	187 300 *	213 100 *	10.0
11.0	78.5	44.7	132 700	149 600 *	169 200 *	191 200 *	11.0
12.0	77.2	44.5	114 300	135 900 *	153 900 *	174 100 *	12.0
13.0	75.8	44.2	99 800	123 900	140 800 *	159 600 *	13.0
14.0	74.4	43.9	88 100	111 000	129 600 *	147 100 *	14.0
15.0	73.0	43.6	78 400	99 200	119 700 *	136 100 *	15.0
16.0	71.5	43.2	70 200	89 400	111 100 *	126 500 *	16.0
18.0	68.7	42.5	57 200	73 800	96 600 *	110 300 *	18.0
20.0	65.7	41.6	47 400	62 000	82 500	97 300 *	20.0
22.0	62.7	40.6	39 700	52 700	71 000	86 600 *	22.0
24.0	59.6	39.4	33 500	45 300	61 700	77 600 *	24.0
26.0	56.4	38.1	28 400	39 100	54 200	70 000 *	26.0
28.0	53.1	36.6	24 200	34 000	47 800	62 400 *	28.0
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	178 000 *	195 900 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	168 400 *	185 400 *	208 400 *	217 700 *	9.0
10.0	81.2	51.1	150 100 *	165 600 *	187 000 *	212 800 *	10.0
11.0	80.0	50.9	132 900	149 300 *	168 900 *	190 900 *	11.0
12.0	78.8	50.7	114 500	135 600 *	153 600 *	173 900 *	12.0
13.0	77.6	50.5	100 000	123 800	140 600 *	159 400 *	13.0
14.0	76.4	50.2	88 300	111 200	129 300 *	146 800 *	14.0
15.0	75.2	50.0	78 500	99 400	119 500 *	135 900 *	15.0
16.0	73.9	49.7	70 300	89 500	110 800 *	126 300 *	16.0
18.0	71.5	49.0	57 300	73 900	96 400 *	110 100 *	18.0
20.0	68.9	48.2	47 500	62 100	82 600	97 100 *	20.0
22.0	66.4	47.4	39 800	52 800	71 100	86 400 *	22.0
24.0	63.8	46.4	33 600	45 300	61 800	77 400 *	24.0
26.0	61.1	45.3	28 500	39 200	54 200	69 800 *	26.0
28.0	58.3	44.1	24 200	34 000	47 800	63 200	28.0
30.0	55.5	42.7	20 600	29 600	42 400	56 800	30.0
32.0	52.6	41.2	17 400	25 900	37 700	51 100	32.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	152 900 *	168 700 *	190 600 *	215 300 *	9.8
10.0	82.2	57.3	148 900 *	164 300 *	185 800 *	209 900 *	10.0
11.0	81.1	57.1	132 700	147 900 *	167 500 *	189 500 *	11.0
12.0	80.1	56.9	114 100	134 200 *	152 200 *	172 500 *	12.0
13.0	79.0	56.7	99 500	122 500 *	139 200 *	157 900 *	13.0
14.0	77.9	56.5	87 600	110 600	127 900 *	145 400 *	14.0
15.0	76.8	56.3	77 900	98 700	118 100 *	134 500 *	15.0
16.0	75.8	56.0	69 600	88 800	109 400 *	124 900 *	16.0
18.0	73.6	55.4	56 500	73 100	95 000 *	108 700 *	18.0
20.0	71.4	54.8	46 600	61 200	81 700	95 700 *	20.0
22.0	69.2	54.0	38 800	51 800	70 100	85 000 *	22.0
24.0	66.9	53.2	32 600	44 300	60 800	76 000 *	24.0
26.0	64.6	52.2	27 400	38 100	53 100	68 400 *	26.0
28.0	62.2	51.2	23 100	32 900	46 700	61 800	28.0
30.0	59.8	50.0	19 400	28 500	41 300	55 700	30.0
32.0	57.3	48.8	16 200	24 700	36 600	49 900	32.0
34.0	54.8	47.4	13 500	21 400	32 500	45 000	34.0
36.0	52.2	45.8	11 100	18 500	28 900	40 600	36.0
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	142 800 *	157 800 *	178 500 *	201 800 *	10.4
11.0	82.0	63.3	133 200	147 700 *	167 300 *	189 300 *	11.0
12.0	81.1	63.1	114 600	134 000 *	152 000 *	172 300 *	12.0
13.0	80.1	62.9	99 900	122 300 *	139 000 *	157 800 *	13.0
14.0	79.1	62.8	88 000	110 800	127 800 *	145 200 *	14.0
15.0	78.2	62.5	78 100	99 100	118 000 *	134 300 *	15.0
16.0	77.2	62.3	69 800	89 100	109 300 *	124 700 *	16.0
18.0	75.3	61.8	56 700	73 300	94 800 *	108 600 *	18.0
20.0	73.3	61.2	46 800	61 400	81 900	95 500 *	20.0
22.0	71.3	60.5	38 900	51 900	70 200	84 800 *	22.0
24.0	69.3	59.8	32 600	44 400	60 900	75 800 *	24.0
26.0	67.3	58.9	27 400	38 200	53 200	68 200 *	26.0
28.0	65.2	58.0	23 100	32 900	46 800	61 600 *	28.0
30.0	63.1	57.0	19 400	28 500	41 300	55 700	30.0
32.0	61.0	55.9	16 200	24 700	36 600	49 900	32.0
34.0	58.8	54.7	13 500	21 400	32 500	45 000	34.0
36.0	56.5	53.4	11 100	18 500	28 900	40 600	36.0
38.0	54.2	52.0	8 900	15 900	25 700	36 700	38.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	133 700 *	147 900 *	163 500 *	163 500 *	11.0
12.0	81.9	69.3	114 900	133 800 *	152 200 *	163 500 *	12.0
13.0	81.0	69.1	100 100	122 100 *	138 800 *	158 200 *	13.0
14.0	80.1	69.0	88 200	111 100	127 500 *	145 000 *	14.0
15.0	79.3	68.8	78 300	99 200	117 800 *	134 100 *	15.0
16.0	78.4	68.6	70 000	89 200	109 100 *	124 500 *	16.0
18.0	76.6	68.1	56 800	73 400	94 600 *	108 300 *	18.0
20.0	74.9	67.6	46 900	61 400	82 000	95 400 *	20.0
22.0	73.1	66.9	39 000	52 000	70 300	84 600 *	22.0
24.0	71.3	66.3	32 700	44 400	60 900	75 700 *	24.0
26.0	69.5	65.5	27 500	38 200	53 200	68 000 *	26.0
28.0	67.6	64.7	23 100	33 000	46 800	61 500 *	28.0
30.0	65.7	63.8	19 400	28 500	41 300	55 600	30.0
32.0	63.8	62.8	16 200	24 700	36 600	49 900	32.0
34.0	61.9	61.8	13 500	21 400	32 500	45 000	34.0
36.0	59.9	60.6	11 000	18 400	28 900	40 600	36.0
38.0	57.9	59.4	8 900	15 900	25 700	36 700	38.0
40.0	55.9	58.1	6 900	13 600	22 800	33 300	40.0
42.0	53.8	56.6		11 500	20 300	30 200	42.0
44.0	51.6	55.0		9 600	18 000	27 400	44.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	139 000 *	152 600 *	152 600 *	11.6
12.0	82.6	75.5	133 700 *	150 100 *	152 600 *	12.0
13.0	81.8	75.3	121 900 *	138 600 *	152 400 *	13.0
14.0	81.0	75.2	111 200	127 400 *	145 000 *	14.0
15.0	80.2	75.0	99 300	117 500 *	133 900 *	15.0
16.0	79.4	74.8	89 300	108 900 *	124 300 *	16.0
18.0	77.8	74.4	73 500	94 400 *	108 200 *	18.0
20.0	76.2	73.9	61 500	82 100	95 200 *	20.0
22.0	74.5	73.3	52 000	70 300	84 500 *	22.0
24.0	72.9	72.7	44 400	60 900	75 500 *	24.0
26.0	71.3	72.0	38 200	53 200	67 900 *	26.0
28.0	69.6	71.3	32 900	46 800	61 300 *	28.0
30.0	67.9	70.5	28 500	41 300	55 500	30.0
32.0	66.2	69.6	24 700	36 500	49 900	32.0
34.0	64.4	68.7	21 300	32 400	44 900	34.0
36.0	62.7	67.6	18 400	28 800	40 500	36.0
38.0	60.9	66.5	15 800	25 600	36 600	38.0
40.0	59.1	65.3	13 500	22 800	33 200	40.0
42.0	57.2	64.1	11 400	20 200	30 100	42.0
44.0	55.3	62.7	9 600	17 900	27 300	44.0
46.0	53.4	61.2	7 800 *	15 800	24 800	46.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	123 100 *	123 100 *
13.0	82.4	81.5	121 100 *	121 100 *
14.0	81.7	81.3	118 500 *	118 500 *
15.0	80.9	81.2	115 800 *	116 000 *
16.0	80.2	81.0	110 200 *	113 500 *
18.0	78.7	80.6	94 100 *	107 000 *
20.0	77.3	80.1	82 000	94 800 *
22.0	75.8	79.6	70 100	84 100 *
24.0	74.3	79.1	60 800	75 200 *
26.0	72.7	78.5	53 100	67 500 *
28.0	71.2	77.8	46 600	61 000 *
30.0	69.7	77.1	41 100	55 200
32.0	68.1	76.3	36 300	49 700
34.0	66.5	75.4	32 200	44 700
36.0	65.0	74.5	28 600	40 300
38.0	63.3	73.5	25 400	36 500
40.0	61.7	72.4	22 600	33 000
42.0	60.0	71.3	20 000	29 900
44.0	58.3	70.0	17 700	27 100
46.0	56.6	68.7	15 600	24 600
48.0	54.8	67.3	13 600 *	22 300
50.0	53.0	65.8	11 500 *	20 100

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	104 800 *	104 800 *
14.0	82.3	87.5	103 500 *	103 500 *
15.0	81.6	87.3	101 300 *	101 300 *
16.0	80.9	87.2	99 100 *	99 100 *
18.0	79.5	86.8	93 200 *	94 700 *
20.0	78.2	86.4	82 000	90 400 *
22.0	76.8	85.9	70 100	84 500 *
24.0	75.4	85.4	60 700	74 900 *
26.0	74.0	84.8	53 000	67 300 *
28.0	72.6	84.2	46 500	60 700 *
30.0	71.2	83.5	41 000	55 000 *
32.0	69.8	82.8	36 200	49 600
34.0	68.3	82.0	32 100	44 600
36.0	66.9	81.2	28 500	40 200
38.0	65.4	80.3	25 300	36 300
40.0	63.9	79.3	22 400	32 900
42.0	62.4	78.3	19 900	29 800
44.0	60.8	77.1	17 600	27 000
46.0	59.3	76.0	15 500	24 400
48.0	57.7	74.7	13 500	22 100
50.0	56.1	73.4	11 400 *	20 000
52.0	54.4	72.0	9 400 *	17 700 *
54.0	52.8	70.5	7 700 *	15 600 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

24.4m (80 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	77 700 *
15.0	82.2	93.5	76 100 *
16.0	81.5	93.4	74 500 *
18.0	80.3	93.0	71 300 *
20.0	79.0	92.6	68 000 *
22.0	77.7	92.2	64 800 *
24.0	76.4	91.7	61 600 *
26.0	75.1	91.2	58 500 *
28.0	73.8	90.6	55 400 *
30.0	72.5	90.0	52 500 *
32.0	71.2	89.3	49 300
34.0	69.8	88.6	44 300
36.0	68.5	87.8	39 900
38.0	67.1	87.0	36 000
40.0	65.8	86.1	32 600
42.0	64.4	85.1	29 500
44.0	63.0	84.1	26 700
46.0	61.5	83.0	24 100
48.0	60.1	81.9	21 800
50.0	58.6	80.7	19 600
52.0	57.1	79.4	17 400 *
54.0	55.6	78.0	15 300 *
56.0	54.1	76.6	13 300 *
58.0	52.5	75.1	11 500 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	191 100 *	210 400 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	189 400 *	208 400 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	177 600 *	195 600 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	167 000 *	184 100 *	207 500 *	217 700 *	9.0
10.0	79.9	44.9	149 000 *	164 500 *	185 900 *	211 500 *	10.0
11.0	78.5	44.7	130 700	148 200 *	167 800 *	189 800 *	11.0
12.0	77.2	44.5	112 500	134 600 *	152 500 *	172 900 *	12.0
13.0	75.8	44.2	98 100	122 600	139 600 *	158 400 *	13.0
14.0	74.4	43.9	86 500	109 400	128 400 *	145 800 *	14.0
15.0	73.0	43.6	76 900	97 800	118 600 *	134 900 *	15.0
16.0	71.5	43.2	68 700	88 000	109 900 *	125 300 *	16.0
18.0	68.7	42.5	55 900	72 500	95 300	109 200 *	18.0
20.0	65.7	41.6	46 200	60 800	81 300	96 300 *	20.0
22.0	62.7	40.6	38 600	51 600	69 900	85 600 *	22.0
24.0	59.6	39.4	32 400	44 200	60 600	76 600 *	24.0
26.0	56.4	38.1	27 400	38 100	53 100	69 000 *	26.0
28.0	53.1	36.6	23 100	33 000	46 700	61 000 *	28.0
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	176 400 *	194 400 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	166 900 *	184 000 *	207 200 *	217 700 *	9.0
10.0	81.2	51.1	148 700 *	164 200 *	185 600 *	211 200 *	10.0
11.0	80.0	50.9	131 000	148 000 *	167 600 *	189 500 *	11.0
12.0	78.8	50.7	112 800	134 300 *	152 300 *	172 600 *	12.0
13.0	77.6	50.5	98 400	122 500	139 400 *	158 100 *	13.0
14.0	76.4	50.2	86 700	109 600	128 200 *	145 700 *	14.0
15.0	75.2	50.0	77 100	98 000	118 400 *	134 800 *	15.0
16.0	73.9	49.7	68 900	88 200	109 700 *	125 200 *	16.0
18.0	71.5	49.0	56 100	72 700	95 300 *	109 100 *	18.0
20.0	68.9	48.2	46 300	60 900	81 400	96 100 *	20.0
22.0	66.4	47.4	38 700	51 700	69 900	85 400 *	22.0
24.0	63.8	46.4	32 500	44 200	60 700	76 500 *	24.0
26.0	61.1	45.3	27 500	38 200	53 200	68 900 *	26.0
28.0	58.3	44.1	23 200	33 100	46 800	62 200	28.0
30.0	55.5	42.7	19 600	28 700	41 500	55 800	30.0
32.0	52.6	41.2	16 500	24 900	36 800	50 200	32.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	151 400 *	167 300 *	189 200 *	213 900 *	9.8
10.0	82.2	57.3	147 500 *	163 000 *	184 400 *	208 500 *	10.0
11.0	81.1	57.1	130 800	146 600 *	166 100 *	188 200 *	11.0
12.0	80.1	56.9	112 400	133 000 *	151 000 *	171 200 *	12.0
13.0	79.0	56.7	97 900	121 300 *	138 000 *	156 800 *	13.0
14.0	77.9	56.5	86 200	109 100	126 800 *	144 300 *	14.0
15.0	76.8	56.3	76 400	97 300	117 000 *	133 400 *	15.0
16.0	75.8	56.0	68 200	87 400	108 400 *	123 700 *	16.0
18.0	73.6	55.4	55 300	71 800	93 900 *	107 700 *	18.0
20.0	71.4	54.8	45 400	60 100	80 500	94 700 *	20.0
22.0	69.2	54.0	37 700	50 700	69 000	84 100 *	22.0
24.0	66.9	53.2	31 500	43 300	59 800	75 100 *	24.0
26.0	64.6	52.2	26 400	37 100	52 200	67 500 *	26.0
28.0	62.2	51.2	22 100	32 000	45 800	60 900	28.0
30.0	59.8	50.0	18 500	27 600	40 300	54 800	30.0
32.0	57.3	48.8	15 400	23 800	35 700	49 000	32.0
34.0	54.8	47.4	12 600	20 500	31 600	44 100	34.0
36.0	52.2	45.8	10 200	17 700	28 100	39 800	36.0
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	141 500 *	156 400 *	177 100 *	200 400 *	10.4
11.0	82.0	63.3	131 400	146 500 *	166 000 *	188 000 *	11.0
12.0	81.1	63.1	112 900	132 800 *	150 800 *	171 100 *	12.0
13.0	80.1	62.9	98 300	121 200 *	137 800 *	156 600 *	13.0
14.0	79.1	62.8	86 500	109 400	126 600 *	144 100 *	14.0
15.0	78.2	62.5	76 800	97 700	116 800 *	133 200 *	15.0
16.0	77.2	62.3	68 500	87 800	108 200 *	123 600 *	16.0
18.0	75.3	61.8	55 500	72 100	93 800 *	107 500 *	18.0
20.0	73.3	61.2	45 700	60 200	80 800	94 600 *	20.0
22.0	71.3	60.5	37 900	50 900	69 100	83 900 *	22.0
24.0	69.3	59.8	31 600	43 400	59 900	74 900 *	24.0
26.0	67.3	58.9	26 500	37 200	52 200	67 300 *	26.0
28.0	65.2	58.0	22 200	32 000	45 800	60 800 *	28.0
30.0	63.1	57.0	18 500	27 600	40 400	54 800	30.0
32.0	61.0	55.9	15 400	23 800	35 700	49 000	32.0
34.0	58.8	54.7	12 600	20 500	31 600	44 100	34.0
36.0	56.5	53.4	10 200	17 600	28 100	39 800	36.0
38.0	54.2	52.0	8 100	15 100	24 900	35 900	38.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	132 300	146 600 *	162 100 *	162 100 *	11.0
12.0	81.9	69.3	113 200	132 600 *	151 000 *	162 100 *	12.0
13.0	81.0	69.1	98 600	120 900 *	137 600 *	157 000 *	13.0
14.0	80.1	69.0	86 800	109 600	126 400 *	143 900 *	14.0
15.0	79.3	68.8	77 000	97 900	116 600 *	133 000 *	15.0
16.0	78.4	68.6	68 700	87 900	108 000 *	123 400 *	16.0
18.0	76.6	68.1	55 600	72 200	93 600 *	107 400 *	18.0
20.0	74.9	67.6	45 700	60 300	80 900	94 400 *	20.0
22.0	73.1	66.9	38 000	50 900	69 200	83 700 *	22.0
24.0	71.3	66.3	31 700	43 400	59 900	74 800 *	24.0
26.0	69.5	65.5	26 500	37 200	52 300	67 200 *	26.0
28.0	67.6	64.7	22 200	32 000	45 900	60 600 *	28.0
30.0	65.7	63.8	18 500	27 600	40 400	54 700	30.0
32.0	63.8	62.8	15 400	23 800	35 700	49 100	32.0
34.0	61.9	61.8	12 600	20 500	31 600	44 100	34.0
36.0	59.9	60.6	10 200	17 600	28 000	39 800	36.0
38.0	57.9	59.4	8 100	15 100	24 900	35 900	38.0
40.0	55.9	58.1	5 900 *	12 800	22 000	32 500	40.0
42.0	53.8	56.6		10 700	19 500	29 400	42.0
44.0	51.6	55.0		8 800	17 200	26 600	44.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	137 800 *	150 900 *	150 900 *	11.6
12.0	82.6	75.5	132 500 *	148 700 *	150 900 *	12.0
13.0	81.8	75.3	120 700 *	137 400 *	150 900 *	13.0
14.0	81.0	75.2	109 800	126 300 *	143 800 *	14.0
15.0	80.2	75.0	98 000	116 500 *	132 800 *	15.0
16.0	79.4	74.8	88 000	107 900 *	123 300 *	16.0
18.0	77.8	74.4	72 300	93 500 *	107 200 *	18.0
20.0	76.2	73.9	60 400	80 900	94 200 *	20.0
22.0	74.5	73.3	51 000	69 300	83 600 *	22.0
24.0	72.9	72.7	43 500	59 900	74 600 *	24.0
26.0	71.3	72.0	37 200	52 300	67 000 *	26.0
28.0	69.6	71.3	32 000	45 900	60 500 *	28.0
30.0	67.9	70.5	27 600	40 400	54 700	30.0
32.0	66.2	69.6	23 800	35 700	49 000	32.0
34.0	64.4	68.7	20 500	31 600	44 100	34.0
36.0	62.7	67.6	17 600	28 000	39 700	36.0
38.0	60.9	66.5	15 000	24 800	35 900	38.0
40.0	59.1	65.3	12 700	22 000	32 400	40.0
42.0	57.2	64.1	10 700	19 500	29 300	42.0
44.0	55.3	62.7	8 800	17 200	26 600	44.0
46.0	53.4	61.2	6 800 *	15 100	24 100	46.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	121 900 *	121 900 *
13.0	82.4	81.5	119 900 *	119 900 *
14.0	81.7	81.3	117 300 *	117 300 *
15.0	80.9	81.2	114 700 *	114 900 *
16.0	80.2	81.0	109 200 *	112 400 *
18.0	78.7	80.6	93 100 *	106 000 *
20.0	77.3	80.1	80 900	93 900 *
22.0	75.8	79.6	69 200	83 200 *
24.0	74.3	79.1	59 800	74 300 *
26.0	72.7	78.5	52 200	66 700 *
28.0	71.2	77.8	45 700	60 200 *
30.0	69.7	77.1	40 200	54 500
32.0	68.1	76.3	35 500	48 900
34.0	66.5	75.4	31 400	43 900
36.0	65.0	74.5	27 800	39 500
38.0	63.3	73.5	24 600	35 700
40.0	61.7	72.4	21 800	32 300
42.0	60.0	71.3	19 300	29 200
44.0	58.3	70.0	17 000	26 400
46.0	56.6	68.7	14 900	23 900
48.0	54.8	67.3	12 600 *	21 500
50.0	53.0	65.8	10 600 *	19 200 *

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	103 500 *	103 500 *
14.0	82.3	87.5	102 200 *	102 200 *
15.0	81.6	87.3	100 000 *	100 000 *
16.0	80.9	87.2	97 900 *	97 900 *
18.0	79.5	86.8	92 200 *	93 500 *
20.0	78.2	86.4	80 900	89 300 *
22.0	76.8	85.9	69 100	83 600 *
24.0	75.4	85.4	59 800	74 100 *
26.0	74.0	84.8	52 100	66 500 *
28.0	72.6	84.2	45 600	59 900 *
30.0	71.2	83.5	40 100	54 300 *
32.0	69.8	82.8	35 400	48 800
34.0	68.3	82.0	31 300	43 800
36.0	66.9	81.2	27 700	39 400
38.0	65.4	80.3	24 500	35 600
40.0	63.9	79.3	21 700	32 100
42.0	62.4	78.3	19 200	29 100
44.0	60.8	77.1	16 900	26 200
46.0	59.3	76.0	14 800	23 700
48.0	57.7	74.7	12 600 *	21 400
50.0	56.1	73.4	10 500 *	19 100 *
52.0	54.4	72.0	8 600 *	16 800 *
54.0	52.8	70.5	6 800 *	14 700 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

27.4m (90 Ft.) Luffing Jib 150 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	76 500 *
15.0	82.2	93.5	75 000 *
16.0	81.5	93.4	73 300 *
18.0	80.3	93.0	70 100 *
20.0	79.0	92.6	66 900 *
22.0	77.7	92.2	63 700 *
24.0	76.4	91.7	60 500 *
26.0	75.1	91.2	57 400 *
28.0	73.8	90.6	54 400 *
30.0	72.5	90.0	51 400 *
32.0	71.2	89.3	48 500
34.0	69.8	88.6	43 500
36.0	68.5	87.8	39 100
38.0	67.1	87.0	35 300
40.0	65.8	86.1	31 800
42.0	64.4	85.1	28 700
44.0	63.0	84.1	25 900
46.0	61.5	83.0	23 400
48.0	60.1	81.9	21 100
50.0	58.6	80.7	18 800 *
52.0	57.1	79.4	16 500 *
54.0	55.6	78.0	14 400 *
56.0	54.1	76.6	12 400 *
58.0	52.5	75.1	10 600 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	192 100 *	211 300 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	190 300 *	209 400 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	178 400 *	196 400 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	167 700 *	184 800 *	208 000 *	217 700 *	9.0
10.0	79.9	44.9	149 500 *	165 000 *	186 400 *	212 100 *	10.0
11.0	78.5	44.7	131 600	148 600 *	168 200 *	190 200 *	11.0
12.0	77.2	44.5	113 100	134 800 *	152 800 *	173 100 *	12.0
13.0	75.8	44.2	98 500	122 800	139 700 *	158 500 *	13.0
14.0	74.4	43.9	86 800	109 700	128 400 *	145 900 *	14.0
15.0	73.0	43.6	77 000	97 900	118 500 *	134 900 *	15.0
16.0	71.5	43.2	68 700	88 000	109 800 *	125 200 *	16.0
18.0	68.7	42.5	55 800	72 300	95 200	109 000 *	18.0
20.0	65.7	41.6	45 900	60 500	80 900	95 900 *	20.0
22.0	62.7	40.6	38 200	51 100	69 400	85 200 *	22.0
24.0	59.6	39.4	31 900	43 600	60 200	76 100 *	24.0
26.0	56.4	38.1	26 800	37 500	52 500	68 400 *	26.0
28.0	53.1	36.6	22 500	32 300	46 100	60 200 *	28.0
30.0	49.6	35.0	18 800	27 900	40 700	52 800 *	30.0
32.0	45.9	33.1	15 700	24 100	36 000	46 400 *	32.0
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	177 300 *	195 300 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	167 600 *	184 700 *	207 800 *	217 700 *	9.0
10.0	81.2	51.1	149 300 *	164 800 *	186 200 *	211 800 *	10.0
11.0	80.0	50.9	132 000	148 400 *	168 000 *	190 000 *	11.0
12.0	78.8	50.7	113 500	134 600 *	152 700 *	172 900 *	12.0
13.0	77.6	50.5	98 900	122 700	139 600 *	158 300 *	13.0
14.0	76.4	50.2	87 100	110 000	128 300 *	145 800 *	14.0
15.0	75.2	50.0	77 300	98 200	118 400 *	134 800 *	15.0
16.0	73.9	49.7	69 000	88 300	109 700 *	125 100 *	16.0
18.0	71.5	49.0	56 000	72 600	95 200 *	108 900 *	18.0
20.0	68.9	48.2	46 200	60 700	81 200	95 900 *	20.0
22.0	66.4	47.4	38 400	51 400	69 600	85 100 *	22.0
24.0	63.8	46.4	32 100	43 900	60 400	76 100 *	24.0
26.0	61.1	45.3	27 000	37 700	52 700	68 400 *	26.0
28.0	58.3	44.1	22 700	32 500	46 300	61 700	28.0
30.0	55.5	42.7	19 000	28 100	40 900	55 300	30.0
32.0	52.6	41.2	15 900	24 300	36 200	49 500	32.0
34.0	49.5	39.5	13 100	21 000	32 100	44 000 *	34.0
36.0	46.3	37.7	10 700	18 100	28 600	38 800 *	36.0
38.0	42.9	35.6	8 600	15 600	25 400	34 200 *	38.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	152 100 *	168 000 *	189 900 *	214 500 *	9.8
10.0	82.2	57.3	148 100 *	163 600 *	185 000 *	209 100 *	10.0
11.0	81.1	57.1	131 900	147 100 *	166 600 *	188 700 *	11.0
12.0	80.1	56.9	113 100	133 300 *	151 300 *	171 600 *	12.0
13.0	79.0	56.7	98 500	121 500 *	138 300 *	157 000 *	13.0
14.0	77.9	56.5	86 600	109 500	126 900 *	144 400 *	14.0
15.0	76.8	56.3	76 700	97 600	117 100 *	133 500 *	15.0
16.0	75.8	56.0	68 400	87 600	108 400 *	123 800 *	16.0
18.0	73.6	55.4	55 300	71 900	93 800 *	107 600 *	18.0
20.0	71.4	54.8	45 300	59 900	80 400	94 500 *	20.0
22.0	69.2	54.0	37 500	50 500	68 800	83 800 *	22.0
24.0	66.9	53.2	31 200	43 000	59 400	74 800 *	24.0
26.0	64.6	52.2	26 000	36 700	51 700	67 100 *	26.0
28.0	62.2	51.2	21 700	31 500	45 300	60 500	28.0
30.0	59.8	50.0	18 000	27 100	39 800	54 300	30.0
32.0	57.3	48.8	14 800	23 300	35 200	48 500	32.0
34.0	54.8	47.4	12 000	19 900	31 100	43 500	34.0
36.0	52.2	45.8	9 600	17 000	27 500	39 200	36.0
38.0	49.4	44.1	7 400	14 500	24 300	35 000	38.0
40.0	46.6	42.3		12 200	21 400	30 800 *	40.0
42.0	43.6	40.2		10 100	18 900	27 000 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	142 100 *	157 100 *	177 800 *	201 000 *	10.4
11.0	82.0	63.3	132 500	147 000 *	166 600 *	188 500 *	11.0
12.0	81.1	63.1	113 700	133 200 *	151 200 *	171 500 *	12.0
13.0	80.1	62.9	99 000	121 400 *	138 100 *	156 900 *	13.0
14.0	79.1	62.8	87 000	109 900	126 900 *	144 300 *	14.0
15.0	78.2	62.5	77 100	98 000	117 000 *	133 400 *	15.0
16.0	77.2	62.3	68 800	88 000	108 300 *	123 700 *	16.0
18.0	75.3	61.8	55 600	72 100	93 800 *	107 500 *	18.0
20.0	73.3	61.2	45 600	60 200	80 700	94 400 *	20.0
22.0	71.3	60.5	37 700	50 700	69 000	83 700 *	22.0
24.0	69.3	59.8	31 400	43 100	59 600	74 700 *	24.0
26.0	67.3	58.9	26 200	36 900	51 900	67 000 *	26.0
28.0	65.2	58.0	21 800	31 600	45 400	60 400 *	28.0
30.0	63.1	57.0	18 100	27 200	39 900	54 400	30.0
32.0	61.0	55.9	14 900	23 400	35 200	48 600	32.0
34.0	58.8	54.7	12 100	20 000	31 100	43 600	34.0
36.0	56.5	53.4	9 700	17 100	27 500	39 200	36.0
38.0	54.2	52.0	7 500	14 500	24 300	35 300	38.0
40.0	51.9	50.4		12 200	21 500	31 900	40.0
42.0	49.4	48.7		10 100	18 900	28 700	42.0
44.0	46.8	46.9		7 900 *	16 500	25 300 *	44.0
46.0	44.2	44.9		5 900 *	14 100 *	22 100 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	133 000 *	147 200 *	163 200 *	163 200 *	11.0
12.0	81.9	69.3	114 100	133 000 *	151 400 *	163 200 *	12.0
13.0	81.0	69.1	99 300	121 300 *	137 900 *	157 300 *	13.0
14.0	80.1	69.0	87 300	110 100	126 700 *	144 200 *	14.0
15.0	79.3	68.8	77 400	98 300	116 800 *	133 200 *	15.0
16.0	78.4	68.6	69 000	88 200	108 200 *	123 500 *	16.0
18.0	76.6	68.1	55 800	72 300	93 600 *	107 300 *	18.0
20.0	74.9	67.6	45 700	60 300	80 900	94 300 *	20.0
22.0	73.1	66.9	37 800	50 900	69 100	83 500 *	22.0
24.0	71.3	66.3	31 500	43 200	59 700	74 500 *	24.0
26.0	69.5	65.5	26 300	37 000	52 000	66 900 *	26.0
28.0	67.6	64.7	21 900	31 700	45 500	60 300 *	28.0
30.0	65.7	63.8	18 200	27 300	40 000	54 300	30.0
32.0	63.8	62.8	15 000	23 400	35 300	48 600	32.0
34.0	61.9	61.8	12 200	20 100	31 200	43 600	34.0
36.0	59.9	60.6	9 700	17 200	27 500	39 300	36.0
38.0	57.9	59.4	7 500	14 500	24 400	35 400	38.0
40.0	55.9	58.1		12 200	21 500	31 900	40.0
42.0	53.8	56.6		10 200	18 900	28 800	42.0
44.0	51.6	55.0		8 000	16 600	26 000	44.0
46.0	49.4	53.3		6 000 *	14 200 *	23 500	46.0
48.0	47.0	51.5			12 000 *	20 600 *	48.0
50.0	44.6	49.5			9 900 *	17 900 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	138 300 *	152 400 *	152 400 *	11.6
12.0	82.6	75.5	132 900 *	149 500 *	152 400 *	12.0
13.0	81.8	75.3	121 100 *	137 800 *	152 000 *	13.0
14.0	81.0	75.2	110 300	126 500 *	144 100 *	14.0
15.0	80.2	75.0	98 400	116 700 *	133 000 *	15.0
16.0	79.4	74.8	88 400	108 000 *	123 400 *	16.0
18.0	77.8	74.4	72 500	93 500 *	107 200 *	18.0
20.0	76.2	73.9	60 400	81 000	94 200 *	20.0
22.0	74.5	73.3	51 000	69 200	83 400 *	22.0
24.0	72.9	72.7	43 300	59 800	74 400 *	24.0
26.0	71.3	72.0	37 000	52 100	66 800 *	26.0
28.0	69.6	71.3	31 700	45 600	60 200 *	28.0
30.0	67.9	70.5	27 300	40 100	54 300	30.0
32.0	66.2	69.6	23 500	35 300	48 700	32.0
34.0	64.4	68.7	20 100	31 200	43 700	34.0
36.0	62.7	67.6	17 100	27 600	39 300	36.0
38.0	60.9	66.5	14 500	24 400	35 400	38.0
40.0	59.1	65.3	12 200	21 500	31 900	40.0
42.0	57.2	64.1	10 100	18 900	28 800	42.0
44.0	55.3	62.7	8 100	16 600	26 000	44.0
46.0	53.4	61.2	6 000 *	14 300 *	23 500	46.0
48.0	51.4	59.6		12 000 *	21 000 *	48.0
50.0	49.3	57.9		9 900 *	18 500 *	50.0
52.0	47.2	56.1		8 000 *	16 200 *	52.0
54.0	45.0	54.1		6 300 *	14 100 *	54.0
56.0	42.7	52.0			11 900 *	56.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib
160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	124 300 *	124 300 *
13.0	82.4	81.5	122 100 *	122 100 *
14.0	81.7	81.3	119 500 *	119 500 *
15.0	80.9	81.2	115 900 *	116 900 *
16.0	80.2	81.0	108 500 *	114 300 *
18.0	78.7	80.6	93 200 *	106 500 *
20.0	77.3	80.1	80 900	93 900 *
22.0	75.8	79.6	69 100	83 100 *
24.0	74.3	79.1	59 700	74 100 *
26.0	72.7	78.5	52 000	66 500 *
28.0	71.2	77.8	45 400	59 900 *
30.0	69.7	77.1	39 900	54 100
32.0	68.1	76.3	35 200	48 500
34.0	66.5	75.4	31 000	43 500
36.0	65.0	74.5	27 400	39 100
38.0	63.3	73.5	24 200	35 200
40.0	61.7	72.4	21 300	31 800
42.0	60.0	71.3	18 800	28 700
44.0	58.3	70.0	16 500	25 900
46.0	56.6	68.7	14 200 *	23 300
48.0	54.8	67.3	11 900 *	20 900 *
50.0	53.0	65.8	9 800 *	18 400 *
52.0	51.2	64.2	7 900 *	16 100 *
54.0	49.3	62.5	6 100 *	14 000 *
56.0	47.3	60.7		12 100 *
58.0	45.3	58.8		10 300 *
60.0	43.2	56.7		8 500 *

30.5m (100 Ft.) Luffing Jib
160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	106 000 *	106 000 *
14.0	82.3	87.5	104 600 *	104 600 *
15.0	81.6	87.3	102 300 *	102 300 *
16.0	80.9	87.2	100 000 *	100 000 *
18.0	79.5	86.8	92 800 *	95 500 *
20.0	78.2	86.4	81 000	90 900 *
22.0	76.8	85.9	69 100	83 300 *
24.0	75.4	85.4	59 700	73 900 *
26.0	74.0	84.8	51 900	66 300 *
28.0	72.6	84.2	45 400	59 700 *
30.0	71.2	83.5	39 900	54 000 *
32.0	69.8	82.8	35 100	48 500
34.0	68.3	82.0	31 000	43 500
36.0	66.9	81.2	27 400	39 100
38.0	65.4	80.3	24 100	35 200
40.0	63.9	79.3	21 300	31 700
42.0	62.4	78.3	18 700	28 600
44.0	60.8	77.1	16 400	25 800
46.0	59.3	76.0	14 200 *	23 200
48.0	57.7	74.7	11 900 *	20 800
50.0	56.1	73.4	9 800 *	18 400 *
52.0	54.4	72.0	7 900 *	16 100 *
54.0	52.8	70.5	6 000 *	14 000 *
56.0	51.0	68.9		12 000 *
58.0	49.3	67.1		10 200 *
60.0	47.5	65.3		8 500 *
62.0	45.6	63.4		6 900 *
64.0	43.7	61.3		5 400 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

30.5m (100 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	78 900 *
15.0	82.2	93.5	77 200 *
16.0	81.5	93.4	75 500 *
18.0	80.3	93.0	72 100 *
20.0	79.0	92.6	68 600 *
22.0	77.7	92.2	65 300 *
24.0	76.4	91.7	62 000 *
26.0	75.1	91.2	58 800 *
28.0	73.8	90.6	55 600 *
30.0	72.5	90.0	52 500 *
32.0	71.2	89.3	48 200
34.0	69.8	88.6	43 200
36.0	68.5	87.8	38 800
38.0	67.1	87.0	34 900
40.0	65.8	86.1	31 400
42.0	64.4	85.1	28 300
44.0	63.0	84.1	25 500
46.0	61.5	83.0	23 000
48.0	60.1	81.9	20 600
50.0	58.6	80.7	18 100 *
52.0	57.1	79.4	15 800 *
54.0	55.6	78.0	13 700 *
56.0	54.1	76.6	11 700 *
58.0	52.5	75.1	9 900 *
60.0	50.9	73.5	8 200 *
62.0	49.3	71.7	6 600 *
64.0	47.6	69.9	5 100 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	190 500 *	209 800 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	188 800 *	207 900 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	176 900 *	195 000 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	166 300 *	183 400 *	206 900 *	217 700 *	9.0
10.0	79.9	44.9	148 200 *	163 700 *	185 100 *	210 600 *	10.0
11.0	78.5	44.7	129 700	147 300 *	166 900 *	188 900 *	11.0
12.0	77.2	44.5	111 400	133 500 *	151 500 *	171 800 *	12.0
13.0	75.8	44.2	96 900	121 500	138 500 *	157 300 *	13.0
14.0	74.4	43.9	85 200	108 100	127 200 *	144 700 *	14.0
15.0	73.0	43.6	75 500	96 400	117 300 *	133 700 *	15.0
16.0	71.5	43.2	67 300	86 500	108 700 *	124 100 *	16.0
18.0	68.7	42.5	54 400	71 000	93 900	107 900 *	18.0
20.0	65.7	41.6	44 600	59 200	79 700	94 800 *	20.0
22.0	62.7	40.6	37 000	49 900	68 200	84 100 *	22.0
24.0	59.6	39.4	30 800	42 500	59 000	75 100 *	24.0
26.0	56.4	38.1	25 700	36 300	51 400	67 200 *	26.0
28.0	53.1	36.6	21 400	31 200	45 000	58 700 *	28.0
30.0	49.6	35.0	17 800	26 800	39 600	51 400 *	30.0
32.0	45.9	33.1	14 700	23 100	35 000	45 100 *	32.0
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	175 900 *	193 800 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	166 200 *	183 400 *	206 800 *	217 700 *	9.0
10.0	81.2	51.1	148 000 *	163 400 *	184 800 *	210 400 *	10.0
11.0	80.0	50.9	130 200	147 100 *	166 700 *	188 700 *	11.0
12.0	78.8	50.7	111 800	133 400 *	151 400 *	171 700 *	12.0
13.0	77.6	50.5	97 300	121 500	138 300 *	157 100 *	13.0
14.0	76.4	50.2	85 600	108 500	127 100 *	144 600 *	14.0
15.0	75.2	50.0	75 900	96 700	117 300 *	133 600 *	15.0
16.0	73.9	49.7	67 700	86 900	108 600 *	124 000 *	16.0
18.0	71.5	49.0	54 700	71 300	94 100 *	107 800 *	18.0
20.0	68.9	48.2	44 900	59 500	80 000	94 900 *	20.0
22.0	66.4	47.4	37 200	50 200	68 500	84 100 *	22.0
24.0	63.8	46.4	31 000	42 800	59 300	75 100 *	24.0
26.0	61.1	45.3	25 900	36 600	51 700	67 500 *	26.0
28.0	58.3	44.1	21 600	31 500	45 300	60 800	28.0
30.0	55.5	42.7	18 000	27 100	39 900	54 300	30.0
32.0	52.6	41.2	14 900	23 300	35 200	48 500	32.0
34.0	49.5	39.5	12 200	20 000	31 200	42 700 *	34.0
36.0	46.3	37.7	9 800	17 200	27 600	37 600 *	36.0
38.0	42.9	35.6	7 700	14 600	24 500	33 000 *	38.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	150 800 *	166 700 *	188 600 *	213 200 *	9.8
10.0	82.2	57.3	146 800 *	162 300 *	183 700 *	207 800 *	10.0
11.0	81.1	57.1	130 100	145 900 *	165 400 *	187 400 *	11.0
12.0	80.1	56.9	111 600	132 100 *	150 100 *	170 400 *	12.0
13.0	79.0	56.7	96 900	120 400	137 100 *	155 900 *	13.0
14.0	77.9	56.5	85 100	108 100	125 800 *	143 300 *	14.0
15.0	76.8	56.3	75 400	96 300	116 000 *	132 400 *	15.0
16.0	75.8	56.0	67 100	86 300	107 300 *	122 700 *	16.0
18.0	73.6	55.4	54 000	70 600	92 800 *	106 600 *	18.0
20.0	71.4	54.8	44 200	58 700	79 300	93 500 *	20.0
22.0	69.2	54.0	36 400	49 400	67 700	82 800 *	22.0
24.0	66.9	53.2	30 100	41 900	58 400	73 800 *	24.0
26.0	64.6	52.2	25 000	35 700	50 700	66 200 *	26.0
28.0	62.2	51.2	20 700	30 500	44 300	59 500	28.0
30.0	59.8	50.0	17 000	26 100	38 900	53 300	30.0
32.0	57.3	48.8	13 900	22 300	34 200	47 500	32.0
34.0	54.8	47.4	11 100	19 000	30 100	42 600	34.0
36.0	52.2	45.8	8 700	16 100	26 500	38 200	36.0
38.0	49.4	44.1	6 200 *	13 500	23 400	33 900	38.0
40.0	46.6	42.3		11 300	20 500	29 700 *	40.0
42.0	43.6	40.2		9 000 *	18 000	25 800 *	42.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	140 800 *	155 800 *	176 500 *	199 800 *	10.4
11.0	82.0	63.3	130 800	145 800 *	165 300 *	187 300 *	11.0
12.0	81.1	63.1	112 200	132 000 *	150 000 *	170 300 *	12.0
13.0	80.1	62.9	97 500	120 300 *	137 000 *	155 800 *	13.0
14.0	79.1	62.8	85 600	108 500	125 700 *	143 300 *	14.0
15.0	78.2	62.5	75 800	96 700	115 900 *	132 300 *	15.0
16.0	77.2	62.3	67 500	86 700	107 300 *	122 600 *	16.0
18.0	75.3	61.8	54 400	71 000	92 700 *	106 500 *	18.0
20.0	73.3	61.2	44 500	59 000	79 600	93 400 *	20.0
22.0	71.3	60.5	36 600	49 600	67 900	82 700 *	22.0
24.0	69.3	59.8	30 400	42 100	58 600	73 800 *	24.0
26.0	67.3	58.9	25 200	35 900	50 900	66 100 *	26.0
28.0	65.2	58.0	20 800	30 700	44 500	59 500 *	28.0
30.0	63.1	57.0	17 200	26 200	39 000	53 500	30.0
32.0	61.0	55.9	14 000	22 400	34 300	47 700	32.0
34.0	58.8	54.7	11 200	19 100	30 200	42 700	34.0
36.0	56.5	53.4	8 800	16 200	26 600	38 300	36.0
38.0	54.2	52.0	6 300 *	13 600	23 500	34 500	38.0
40.0	51.9	50.4		11 300	20 600	31 000	40.0
42.0	49.4	48.7		9 100 *	18 100	27 800	42.0
44.0	46.8	46.9		6 900 *	15 500 *	24 200 *	44.0
46.0	44.2	44.9			13 000 *	21 000 *	46.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	131 800	146 000 *	162 000 *	162 000 *	11.0
12.0	81.9	69.3	112 600	131 900 *	150 300 *	162 000 *	12.0
13.0	81.0	69.1	97 800	120 100 *	136 900 *	156 200 *	13.0
14.0	80.1	69.0	85 900	108 800	125 600 *	143 100 *	14.0
15.0	79.3	68.8	76 100	97 000	115 800 *	132 100 *	15.0
16.0	78.4	68.6	67 800	87 000	107 100 *	122 500 *	16.0
18.0	76.6	68.1	54 600	71 200	92 600 *	106 400 *	18.0
20.0	74.9	67.6	44 600	59 200	79 800	93 400 *	20.0
22.0	73.1	66.9	36 800	49 800	68 100	82 600 *	22.0
24.0	71.3	66.3	30 500	42 200	58 700	73 700 *	24.0
26.0	69.5	65.5	25 300	36 000	51 100	66 000 *	26.0
28.0	67.6	64.7	21 000	30 800	44 600	59 400 *	28.0
30.0	65.7	63.8	17 300	26 300	39 100	53 500	30.0
32.0	63.8	62.8	14 100	22 500	34 400	47 800	32.0
34.0	61.9	61.8	11 300	19 200	30 300	42 800	34.0
36.0	59.9	60.6	8 900	16 300	26 700	38 400	36.0
38.0	57.9	59.4	6 500	13 700	23 500	34 600	38.0
40.0	55.9	58.1		11 400	20 700	31 100	40.0
42.0	53.8	56.6		9 200	18 100	28 000	42.0
44.0	51.6	55.0		7 000 *	15 600	25 200	44.0
46.0	49.4	53.3			13 200 *	22 500 *	46.0
48.0	47.0	51.5			10 900 *	19 600 *	48.0
50.0	44.6	49.5			8 900 *	16 800 *	50.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	137 200 *	150 800 *	150 800 *	11.6
12.0	82.6	75.5	131 800 *	148 300 *	150 800 *	12.0
13.0	81.8	75.3	120 000 *	136 700 *	150 600 *	13.0
14.0	81.0	75.2	109 000	125 500 *	143 100 *	14.0
15.0	80.2	75.0	97 200	115 700 *	132 000 *	15.0
16.0	79.4	74.8	87 100	107 000 *	122 400 *	16.0
18.0	77.8	74.4	71 300	92 500 *	106 200 *	18.0
20.0	76.2	73.9	59 400	79 900	93 300 *	20.0
22.0	74.5	73.3	49 900	68 200	82 600 *	22.0
24.0	72.9	72.7	42 300	58 800	73 500 *	24.0
26.0	71.3	72.0	36 100	51 100	65 900 *	26.0
28.0	69.6	71.3	30 800	44 700	59 400 *	28.0
30.0	67.9	70.5	26 400	39 200	53 400	30.0
32.0	66.2	69.6	22 600	34 400	47 800	32.0
34.0	64.4	68.7	19 200	30 300	42 800	34.0
36.0	62.7	67.6	16 300	26 700	38 400	36.0
38.0	60.9	66.5	13 700	23 500	34 600	38.0
40.0	59.1	65.3	11 400	20 700	31 100	40.0
42.0	57.2	64.1	9 300	18 100	28 000	42.0
44.0	55.3	62.7	7 100 *	15 700	25 200	44.0
46.0	53.4	61.2		13 300 *	22 700 *	46.0
48.0	51.4	59.6		11 000 *	20 000 *	48.0
50.0	49.3	57.9		8 900 *	17 500 *	50.0
52.0	47.2	56.1		7 000 *	15 300 *	52.0
54.0	45.0	54.1		5 300 *	13 100 *	54.0
56.0	42.7	52.0			10 900 *	56.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	123 200 *	123 200 *
13.0	82.4	81.5	121 100 *	121 100 *
14.0	81.7	81.3	118 400 *	118 400 *
15.0	80.9	81.2	114 800 *	115 800 *
16.0	80.2	81.0	107 600 *	113 300 *
18.0	78.7	80.6	92 200 *	105 600 *
20.0	77.3	80.1	79 900	93 000 *
22.0	75.8	79.6	68 100	82 200 *
24.0	74.3	79.1	58 700	73 300 *
26.0	72.7	78.5	51 000	65 700 *
28.0	71.2	77.8	44 600	59 100 *
30.0	69.7	77.1	39 100	53 300
32.0	68.1	76.3	34 300	47 700
34.0	66.5	75.4	30 200	42 700
36.0	65.0	74.5	26 600	38 300
38.0	63.3	73.5	23 400	34 500
40.0	61.7	72.4	20 600	31 000
42.0	60.0	71.3	18 000	27 900
44.0	58.3	70.0	15 700	25 100
46.0	56.6	68.7	13 200 *	22 500
48.0	54.8	67.3	10 900 *	19 900 *
50.0	53.0	65.8	8 900 *	17 400 *
52.0	51.2	64.2	6 900 *	15 200 *
54.0	49.3	62.5		13 100 *
56.0	47.3	60.7		11 100 *
58.0	45.3	58.8		9 300 *
60.0	43.2	56.7		7 600 *

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	104 900 *	104 900 *
14.0	82.3	87.5	103 500 *	103 500 *
15.0	81.6	87.3	101 200 *	101 200 *
16.0	80.9	87.2	98 900 *	98 900 *
18.0	79.5	86.8	91 800 *	94 400 *
20.0	78.2	86.4	80 000	89 900 *
22.0	76.8	85.9	68 200	82 500 *
24.0	75.4	85.4	58 700	73 100 *
26.0	74.0	84.8	51 000	65 400 *
28.0	72.6	84.2	44 500	58 900 *
30.0	71.2	83.5	39 000	53 200 *
32.0	69.8	82.8	34 300	47 600
34.0	68.3	82.0	30 200	42 600
36.0	66.9	81.2	26 500	38 300
38.0	65.4	80.3	23 400	34 400
40.0	63.9	79.3	20 500	30 900
42.0	62.4	78.3	17 900	27 800
44.0	60.8	77.1	15 600	25 000
46.0	59.3	76.0	13 200 *	22 500
48.0	57.7	74.7	10 900 *	19 900 *
50.0	56.1	73.4	8 800 *	17 400 *
52.0	54.4	72.0	6 900 *	15 100 *
54.0	52.8	70.5		13 000 *
56.0	51.0	68.9		11 100 *
58.0	49.3	67.1		9 300 *
60.0	47.5	65.3		7 600 *
62.0	45.6	63.4		6 000 *
64.0	43.7	61.3		4 500 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

33.5m (110 Ft.) Luffing Jib 160 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	77 800 *
15.0	82.2	93.5	76 200 *
16.0	81.5	93.4	74 500 *
18.0	80.3	93.0	71 100 *
20.0	79.0	92.6	67 600 *
22.0	77.7	92.2	64 300 *
24.0	76.4	91.7	61 000 *
26.0	75.1	91.2	57 800 *
28.0	73.8	90.6	54 600 *
30.0	72.5	90.0	51 600 *
32.0	71.2	89.3	47 400
34.0	69.8	88.6	42 400
36.0	68.5	87.8	38 000
38.0	67.1	87.0	34 100
40.0	65.8	86.1	30 700
42.0	64.4	85.1	27 600
44.0	63.0	84.1	24 700
46.0	61.5	83.0	22 200
48.0	60.1	81.9	19 700 *
50.0	58.6	80.7	17 200 *
52.0	57.1	79.4	14 900 *
54.0	55.6	78.0	12 800 *
56.0	54.1	76.6	10 800 *
58.0	52.5	75.1	9 000 *
60.0	50.9	73.5	7 300 *
62.0	49.3	71.7	5 700 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	192 000 *	211 300 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	190 200 *	209 300 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	178 200 *	196 300 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	167 500 *	184 600 *	207 800 *	217 700 *	9.0
10.0	79.9	44.9	149 100 *	164 600 *	186 000 *	211 700 *	10.0
11.0	78.5	44.7	131 100	148 100 *	167 600 *	189 600 *	11.0
12.0	77.2	44.5	112 500	134 100 *	152 100 *	172 400 *	12.0
13.0	75.8	44.2	97 800	122 000	139 000 *	157 700 *	13.0
14.0	74.4	43.9	85 900	108 800	127 500 *	145 100 *	14.0
15.0	73.0	43.6	76 000	96 900	117 600 *	134 000 *	15.0
16.0	71.5	43.2	67 700	86 900	108 800 *	124 200 *	16.0
18.0	68.7	42.5	54 500	71 100	94 000	107 900 *	18.0
20.0	65.7	41.6	44 600	59 200	79 700	94 700 *	20.0
22.0	62.7	40.6	36 800	49 800	68 000	83 900 *	22.0
24.0	59.6	39.4	30 500	42 200	58 700	74 800 *	24.0
26.0	56.4	38.1	25 300	36 000	51 000	66 700 *	26.0
28.0	53.1	36.6	20 900	30 700	44 500	58 100 *	28.0
30.0	49.6	35.0	17 200	26 300	39 100	50 700 *	30.0
32.0	45.9	33.1	14 000	22 500	34 300	44 300 *	32.0
34.0	41.9	30.9	11 300	19 200	30 200	38 600 *	34.0
36.0	37.6	28.4	8 800	16 200	26 600	33 500 *	36.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	177 200 *	195 200 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	167 500 *	184 600 *	207 700 *	217 700 *	9.0
10.0	81.2	51.1	149 000 *	164 500 *	185 900 *	211 500 *	10.0
11.0	80.0	50.9	131 700	148 000 *	167 500 *	189 500 *	11.0
12.0	78.8	50.7	113 000	134 100 *	152 100 *	172 400 *	12.0
13.0	77.6	50.5	98 300	122 100	138 900 *	157 700 *	13.0
14.0	76.4	50.2	86 400	109 300	127 500 *	145 000 *	14.0
15.0	75.2	50.0	76 500	97 400	117 600 *	134 000 *	15.0
16.0	73.9	49.7	68 200	87 400	108 900 *	124 200 *	16.0
18.0	71.5	49.0	55 000	71 600	94 200 *	108 000 *	18.0
20.0	68.9	48.2	45 000	59 600	80 100	94 800 *	20.0
22.0	66.4	47.4	37 200	50 200	68 400	84 000 *	22.0
24.0	63.8	46.4	30 900	42 600	59 100	74 900 *	24.0
26.0	61.1	45.3	25 700	36 300	51 400	67 200 *	26.0
28.0	58.3	44.1	21 300	31 100	44 900	60 400	28.0
30.0	55.5	42.7	17 600	26 700	39 400	53 800	30.0
32.0	52.6	41.2	14 400	22 900	34 700	47 900	32.0
34.0	49.5	39.5	11 600	19 500	30 600	42 000 *	34.0
36.0	46.3	37.7	9 200	16 600	27 000	36 800 *	36.0
38.0	42.9	35.6	6 800	14 000	23 800	32 200 *	38.0
40.0	39.2	33.2		11 700	21 000	28 000 *	40.0
42.0	35.2	30.4		9 500	18 400	24 200 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	151 900 *	167 800 *	189 700 *	214 400 *	9.8
10.0	82.2	57.3	147 900 *	163 400 *	184 800 *	208 900 *	10.0
11.0	81.1	57.1	131 700	146 700 *	166 300 *	188 300 *	11.0
12.0	80.1	56.9	112 900	132 900 *	150 900 *	171 100 *	12.0
13.0	79.0	56.7	98 000	121 000 *	137 700 *	156 500 *	13.0
14.0	77.9	56.5	86 000	108 900	126 300 *	143 800 *	14.0
15.0	76.8	56.3	76 000	96 900	116 400 *	132 700 *	15.0
16.0	75.8	56.0	67 700	86 900	107 600 *	123 000 *	16.0
18.0	73.6	55.4	54 400	71 000	93 000 *	106 700 *	18.0
20.0	71.4	54.8	44 300	58 900	79 400	93 600 *	20.0
22.0	69.2	54.0	36 400	49 400	67 700	82 800 *	22.0
24.0	66.9	53.2	30 100	41 800	58 300	73 700 *	24.0
26.0	64.6	52.2	24 800	35 500	50 600	66 000 *	26.0
28.0	62.2	51.2	20 500	30 200	44 100	59 300	28.0
30.0	59.8	50.0	16 700	25 800	38 600	53 000	30.0
32.0	57.3	48.8	13 500	22 000	33 800	47 200	32.0
34.0	54.8	47.4	10 700	18 600	29 700	42 100	34.0
36.0	52.2	45.8	8 100	15 700	26 000	37 700	36.0
38.0	49.4	44.1	5 500 *	13 000	22 900	33 200 *	38.0
40.0	46.6	42.3		10 700	20 000	28 900 *	40.0
42.0	43.6	40.2		8 200 *	17 300 *	25 000 *	42.0
44.0	40.4	37.9		5 900 *	14 500 *	21 500 *	44.0
46.0	37.0	35.4			12 000 *	18 200 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	141 900 *	156 800 *	177 500 *	200 800 *	10.4
11.0	82.0	63.3	132 400	146 700 *	166 200 *	188 300 *	11.0
12.0	81.1	63.1	113 500	132 800 *	150 800 *	171 100 *	12.0
13.0	80.1	62.9	98 600	121 000 *	137 600 *	156 400 *	13.0
14.0	79.1	62.8	86 500	109 400	126 300 *	143 800 *	14.0
15.0	78.2	62.5	76 600	97 500	116 400 *	132 800 *	15.0
16.0	77.2	62.3	68 100	87 300	107 600 *	123 000 *	16.0
18.0	75.3	61.8	54 800	71 400	93 000 *	106 700 *	18.0
20.0	73.3	61.2	44 700	59 300	79 800	93 600 *	20.0
22.0	71.3	60.5	36 700	49 800	68 000	82 700 *	22.0
24.0	69.3	59.8	30 300	42 100	58 600	73 600 *	24.0
26.0	67.3	58.9	25 100	35 800	50 800	65 900 *	26.0
28.0	65.2	58.0	20 700	30 500	44 300	59 300 *	28.0
30.0	63.1	57.0	16 900	26 000	38 800	53 200	30.0
32.0	61.0	55.9	13 700	22 100	34 000	47 400	32.0
34.0	58.8	54.7	10 900	18 700	29 900	42 300	34.0
36.0	56.5	53.4	8 300	15 800	26 200	37 900	36.0
38.0	54.2	52.0	5 800 *	13 200	23 000	34 100	38.0
40.0	51.9	50.4		10 800	20 100	30 600	40.0
42.0	49.4	48.7		8 400 *	17 500	27 200 *	42.0
44.0	46.8	46.9		6 100 *	14 800 *	23 500 *	44.0
46.0	44.2	44.9			12 300 *	20 200 *	46.0
48.0	41.3	42.6			10 000 *	17 200 *	48.0
50.0	38.4	40.2			7 900 *	14 400 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	132 800 *	147 000 *	163 600 *	163 600 *	11.0
12.0	81.9	69.3	114 100	132 700 *	151 000 *	163 600 *	12.0
13.0	81.0	69.1	99 000	120 800 *	137 600 *	156 800 *	13.0
14.0	80.1	69.0	86 900	109 700	126 200 *	143 700 *	14.0
15.0	79.3	68.8	76 900	97 800	116 300 *	132 700 *	15.0
16.0	78.4	68.6	68 400	87 600	107 500 *	122 900 *	16.0
18.0	76.6	68.1	55 100	71 600	92 900 *	106 600 *	18.0
20.0	74.9	67.6	45 000	59 500	80 100	93 500 *	20.0
22.0	73.1	66.9	37 000	50 000	68 300	82 700 *	22.0
24.0	71.3	66.3	30 600	42 300	58 800	73 600 *	24.0
26.0	69.5	65.5	25 300	36 000	51 000	65 900 *	26.0
28.0	67.6	64.7	20 800	30 600	44 500	59 300 *	28.0
30.0	65.7	63.8	17 100	26 200	38 900	53 300	30.0
32.0	63.8	62.8	13 800	22 300	34 200	47 500	32.0
34.0	61.9	61.8	11 000	18 900	30 000	42 500	34.0
36.0	59.9	60.6	8 500	15 900	26 400	38 100	36.0
38.0	57.9	59.4	6 000 *	13 300	23 100	34 200	38.0
40.0	55.9	58.1		11 000	20 200	30 700	40.0
42.0	53.8	56.6		8 700 *	17 600	27 600	42.0
44.0	51.6	55.0		6 300 *	15 000 *	24 700	44.0
46.0	49.4	53.3			12 500 *	21 800 *	46.0
48.0	47.0	51.5			10 200 *	18 900 *	48.0
50.0	44.6	49.5			8 100 *	16 100 *	50.0
52.0	42.1	47.3			6 200 *	13 500 *	52.0
54.0	39.4	45.0				11 100 *	54.0
56.0	36.6	42.3				8 900 *	56.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	138 100 *	153 000 *	153 000 *	11.6
12.0	82.6	75.5	132 700 *	149 500 *	153 000 *	12.0
13.0	81.8	75.3	120 800 *	137 400 *	152 300 *	13.0
14.0	81.0	75.2	110 000	126 100 *	143 700 *	14.0
15.0	80.2	75.0	98 000	116 200 *	132 600 *	15.0
16.0	79.4	74.8	87 800	107 400 *	122 800 *	16.0
18.0	77.8	74.4	71 800	92 800 *	106 500 *	18.0
20.0	76.2	73.9	59 700	80 200	93 400 *	20.0
22.0	74.5	73.3	50 100	68 400	82 600 *	22.0
24.0	72.9	72.7	42 400	58 900	73 600 *	24.0
26.0	71.3	72.0	36 100	51 100	65 800 *	26.0
28.0	69.6	71.3	30 800	44 600	59 200 *	28.0
30.0	67.9	70.5	26 200	39 000	53 300	30.0
32.0	66.2	69.6	22 400	34 300	47 600	32.0
34.0	64.4	68.7	19 000	30 100	42 600	34.0
36.0	62.7	67.6	16 000	26 400	38 200	36.0
38.0	60.9	66.5	13 400	23 200	34 200	38.0
40.0	59.1	65.3	11 100	20 300	30 800	40.0
42.0	57.2	64.1	8 800	17 800	27 600	42.0
44.0	55.3	62.7	6 500 *	15 200	24 800	44.0
46.0	53.4	61.2		12 700 *	22 000 *	46.0
48.0	51.4	59.6		10 400 *	19 300 *	48.0
50.0	49.3	57.9		8 300 *	16 800 *	50.0
52.0	47.2	56.1		6 400 *	14 500 *	52.0
54.0	45.0	54.1			12 400 *	54.0
56.0	42.7	52.0			10 200 *	56.0
58.0	40.3	49.7			8 100 *	58.0
60.0	37.8	47.2			6 100 *	60.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	125 900 *	125 900 *
13.0	82.4	81.5	123 600 *	123 600 *
14.0	81.7	81.3	120 800 *	120 800 *
15.0	80.9	81.2	116 300 *	118 100 *
16.0	80.2	81.0	107 200 *	115 400 *
18.0	78.7	80.6	92 500 *	106 300 *
20.0	77.3	80.1	80 300	93 200 *
22.0	75.8	79.6	68 300	82 300 *
24.0	74.3	79.1	58 900	73 300 *
26.0	72.7	78.5	51 100	65 600 *
28.0	71.2	77.8	44 500	59 000 *
30.0	69.7	77.1	39 000	53 200
32.0	68.1	76.3	34 200	47 500
34.0	66.5	75.4	30 000	42 500
36.0	65.0	74.5	26 400	38 100
38.0	63.3	73.5	23 100	34 200
40.0	61.7	72.4	20 200	30 700
42.0	60.0	71.3	17 700	27 600
44.0	58.3	70.0	15 200	24 700
46.0	56.6	68.7	12 700 *	22 100 *
48.0	54.8	67.3	10 300 *	19 300 *
50.0	53.0	65.8	8 200 *	16 800 *
52.0	51.2	64.2	6 300 *	14 500 *
54.0	49.3	62.5		12 400 *
56.0	47.3	60.7		10 400 *
58.0	45.3	58.8		8 600 *
60.0	43.2	56.7		6 900 *
62.0	41.0	54.4		5 200 *

36.6m (120 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	107 700 *	107 700 *
14.0	82.3	87.5	106 300 *	106 300 *
15.0	81.6	87.3	103 800 *	103 800 *
16.0	80.9	87.2	101 500 *	101 500 *
18.0	79.5	86.8	92 700 *	96 700 *
20.0	78.2	86.4	80 400	91 900 *
22.0	76.8	85.9	68 400	82 400 *
24.0	75.4	85.4	58 900	73 100 *
26.0	74.0	84.8	51 100	65 400 *
28.0	72.6	84.2	44 500	58 800 *
30.0	71.2	83.5	39 000	53 100 *
32.0	69.8	82.8	34 200	47 500
34.0	68.3	82.0	30 000	42 500
36.0	66.9	81.2	26 300	38 100
38.0	65.4	80.3	23 100	34 200
40.0	63.9	79.3	20 200	30 700
42.0	62.4	78.3	17 600	27 500
44.0	60.8	77.1	15 200	24 700
46.0	59.3	76.0	12 700 *	22 100
48.0	57.7	74.7	10 400 *	19 400 *
50.0	56.1	73.4	8 300 *	16 900 *
52.0	54.4	72.0	6 300 *	14 600 *
54.0	52.8	70.5		12 400 *
56.0	51.0	68.9		10 400 *
58.0	49.3	67.1		8 600 *
60.0	47.5	65.3		6 900 *
62.0	45.6	63.4		5 300 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

36.6m (120 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	80 500 *
15.0	82.2	93.5	78 700 *
16.0	81.5	93.4	76 800 *
18.0	80.3	93.0	73 300 *
20.0	79.0	92.6	69 700 *
22.0	77.7	92.2	66 200 *
24.0	76.4	91.7	62 700 *
26.0	75.1	91.2	59 400 *
28.0	73.8	90.6	56 100 *
30.0	72.5	90.0	52 500 *
32.0	71.2	89.3	47 300
34.0	69.8	88.6	42 300
36.0	68.5	87.8	37 800
38.0	67.1	87.0	33 900
40.0	65.8	86.1	30 400
42.0	64.4	85.1	27 300
44.0	63.0	84.1	24 400
46.0	61.5	83.0	21 900
48.0	60.1	81.9	19 200 *
50.0	58.6	80.7	16 700 *
52.0	57.1	79.4	14 300 *
54.0	55.6	78.0	12 200 *
56.0	54.1	76.6	10 200 *
58.0	52.5	75.1	8 400 *
60.0	50.9	73.5	6 700 *
62.0	49.3	71.7	5 100 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	191 000 *	210 300 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	189 200 *	208 300 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	177 300 *	195 300 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	166 500 *	183 600 *	207 100 *	217 700 *	9.0
10.0	79.9	44.9	148 200 *	163 700 *	185 100 *	210 600 *	10.0
11.0	78.5	44.7	129 900	147 200 *	166 700 *	188 800 *	11.0
12.0	77.2	44.5	111 300	133 300 *	151 300 *	171 600 *	12.0
13.0	75.8	44.2	96 700	121 100	138 100 *	156 900 *	13.0
14.0	74.4	43.9	84 800	107 700	126 700 *	144 200 *	14.0
15.0	73.0	43.6	75 000	95 900	116 800 *	133 200 *	15.0
16.0	71.5	43.2	66 700	85 900	108 000 *	123 400 *	16.0
18.0	68.7	42.5	53 600	70 200	93 100	107 100 *	18.0
20.0	65.7	41.6	43 700	58 300	78 800	94 000 *	20.0
22.0	62.7	40.6	35 900	48 900	67 200	83 100 *	22.0
24.0	59.6	39.4	29 600	41 400	57 900	74 100 *	24.0
26.0	56.4	38.1	24 500	35 200	50 200	65 600 *	26.0
28.0	53.1	36.6	20 200	29 900	43 800	57 100 *	28.0
30.0	49.6	35.0	16 500	25 500	38 300	49 700 *	30.0
32.0	45.9	33.1	13 300	21 700	33 600	43 300 *	32.0
34.0	41.9	30.9	10 500	18 400	29 500	37 600 *	34.0
36.0	37.6	28.4	8 000	15 500	25 900	32 500 *	36.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	176 300 *	194 300 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	166 600 *	183 700 *	207 000 *	217 700 *	9.0
10.0	81.2	51.1	148 100 *	163 600 *	185 000 *	210 500 *	10.0
11.0	80.0	50.9	130 500	147 100 *	166 700 *	188 700 *	11.0
12.0	78.8	50.7	111 900	133 300 *	151 300 *	171 500 *	12.0
13.0	77.6	50.5	97 200	121 300	138 100 *	156 900 *	13.0
14.0	76.4	50.2	85 400	108 300	126 800 *	144 300 *	14.0
15.0	75.2	50.0	75 500	96 400	116 900 *	133 300 *	15.0
16.0	73.9	49.7	67 200	86 500	108 100 *	123 500 *	16.0
18.0	71.5	49.0	54 100	70 700	93 500	107 200 *	18.0
20.0	68.9	48.2	44 200	58 800	79 200	94 100 *	20.0
22.0	66.4	47.4	36 400	49 400	67 600	83 300 *	22.0
24.0	63.8	46.4	30 100	41 800	58 300	74 200 *	24.0
26.0	61.1	45.3	24 900	35 600	50 700	66 500 *	26.0
28.0	58.3	44.1	20 600	30 400	44 200	59 700	28.0
30.0	55.5	42.7	16 900	26 000	38 700	53 100	30.0
32.0	52.6	41.2	13 700	22 100	34 000	47 000	32.0
34.0	49.5	39.5	10 900	18 800	29 900	41 100 *	34.0
36.0	46.3	37.7	8 500	15 900	26 300	36 000 *	36.0
38.0	42.9	35.6	6 000 *	13 400	23 100	31 300 *	38.0
40.0	39.2	33.2		11 000	20 300	27 200 *	40.0
42.0	35.2	30.4		8 700 *	17 700	23 300 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	151 100 *	167 000 *	188 900 *	213 500 *	9.8
10.0	82.2	57.3	147 100 *	162 600 *	184 000 *	208 100 *	10.0
11.0	81.1	57.1	130 500	145 900 *	165 500 *	187 500 *	11.0
12.0	80.1	56.9	111 800	132 000 *	150 100 *	170 300 *	12.0
13.0	79.0	56.7	97 000	120 200 *	136 900 *	155 700 *	13.0
14.0	77.9	56.5	85 000	107 900	125 600 *	143 100 *	14.0
15.0	76.8	56.3	75 100	96 000	115 700 *	132 000 *	15.0
16.0	75.8	56.0	66 700	86 000	106 900 *	122 300 *	16.0
18.0	73.6	55.4	53 600	70 100	92 300 *	106 000 *	18.0
20.0	71.4	54.8	43 600	58 100	78 700	92 900 *	20.0
22.0	69.2	54.0	35 700	48 700	66 900	82 100 *	22.0
24.0	66.9	53.2	29 300	41 100	57 600	73 000 *	24.0
26.0	64.6	52.2	24 100	34 800	49 800	65 300 *	26.0
28.0	62.2	51.2	19 700	29 600	43 400	58 600	28.0
30.0	59.8	50.0	16 000	25 100	37 900	52 300	30.0
32.0	57.3	48.8	12 800	21 300	33 200	46 500	32.0
34.0	54.8	47.4	10 000	17 900	29 000	41 500	34.0
36.0	52.2	45.8	7 300 *	15 000	25 400	37 000	36.0
38.0	49.4	44.1	4 700 *	12 400	22 200	32 400 *	38.0
40.0	46.6	42.3		9 900 *	19 400	28 100 *	40.0
42.0	43.6	40.2		7 400 *	16 500 *	24 200 *	42.0
44.0	40.4	37.9		5 100 *	13 800 *	20 700 *	44.0
46.0	37.0	35.4			11 300 *	17 500 *	46.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	141 100 *	156 000 *	176 800 *	200 000 *	10.4
11.0	82.0	63.3	131 400	145 900 *	165 500 *	187 500 *	11.0
12.0	81.1	63.1	112 400	132 000 *	150 100 *	170 300 *	12.0
13.0	80.1	62.9	97 600	120 200 *	136 900 *	155 700 *	13.0
14.0	79.1	62.8	85 600	108 500	125 600 *	143 100 *	14.0
15.0	78.2	62.5	75 700	96 500	115 700 *	132 000 *	15.0
16.0	77.2	62.3	67 200	86 500	106 900 *	122 300 *	16.0
18.0	75.3	61.8	54 000	70 600	92 300 *	106 000 *	18.0
20.0	73.3	61.2	43 900	58 500	79 000	92 900 *	20.0
22.0	71.3	60.5	36 000	49 000	67 300	82 100 *	22.0
24.0	69.3	59.8	29 600	41 400	57 900	73 100 *	24.0
26.0	67.3	58.9	24 400	35 100	50 200	65 300 *	26.0
28.0	65.2	58.0	20 000	29 800	43 700	58 700	28.0
30.0	63.1	57.0	16 300	25 400	38 100	52 600	30.0
32.0	61.0	55.9	13 100	21 500	33 400	46 700	32.0
34.0	58.8	54.7	10 300	18 200	29 200	41 700	34.0
36.0	56.5	53.4	7 600	15 200	25 600	37 400	36.0
38.0	54.2	52.0	5 000 *	12 600	22 400	33 500	38.0
40.0	51.9	50.4		10 200 *	19 500	30 000	40.0
42.0	49.4	48.7		7 700 *	16 800 *	26 400 *	42.0
44.0	46.8	46.9		5 400 *	14 000 *	22 800 *	44.0
46.0	44.2	44.9			11 500 *	19 500 *	46.0
48.0	41.3	42.6			9 300 *	16 500 *	48.0
50.0	38.4	40.2			7 200 *	13 700 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	132 000 *	146 200 *	162 800 *	162 800 *	11.0
12.0	81.9	69.3	113 000	132 000 *	150 300 *	162 800 *	12.0
13.0	81.0	69.1	98 100	120 100 *	136 800 *	156 100 *	13.0
14.0	80.1	69.0	86 000	108 800	125 500 *	143 000 *	14.0
15.0	79.3	68.8	76 000	96 900	115 600 *	132 000 *	15.0
16.0	78.4	68.6	67 600	86 800	106 800 *	122 200 *	16.0
18.0	76.6	68.1	54 300	70 800	92 300 *	106 000 *	18.0
20.0	74.9	67.6	44 200	58 800	79 300	92 900 *	20.0
22.0	73.1	66.9	36 300	49 300	67 500	82 100 *	22.0
24.0	71.3	66.3	29 900	41 600	58 100	73 000 *	24.0
26.0	69.5	65.5	24 600	35 300	50 300	65 300 *	26.0
28.0	67.6	64.7	20 200	30 000	43 800	58 700 *	28.0
30.0	65.7	63.8	16 500	25 600	38 300	52 700	30.0
32.0	63.8	62.8	13 200	21 700	33 600	46 900	32.0
34.0	61.9	61.8	10 400	18 300	29 400	41 900	34.0
36.0	59.9	60.6	7 900	15 400	25 800	37 500	36.0
38.0	57.9	59.4	5 300 *	12 800	22 600	33 600	38.0
40.0	55.9	58.1		10 400	19 700	30 100	40.0
42.0	53.8	56.6		7 900 *	17 000	27 000	42.0
44.0	51.6	55.0		5 600 *	14 300 *	24 100	44.0
46.0	49.4	53.3			11 800 *	21 100 *	46.0
48.0	47.0	51.5			9 500 *	18 200 *	48.0
50.0	44.6	49.5			7 400 *	15 400 *	50.0
52.0	42.1	47.3				12 800 *	52.0
54.0	39.4	45.0				10 400 *	54.0
56.0	36.6	42.3				8 200 *	56.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	137 300 *	152 000 *	152 000 *	11.6
12.0	82.6	75.5	131 900 *	148 700 *	152 000 *	12.0
13.0	81.8	75.3	120 000 *	136 800 *	151 400 *	13.0
14.0	81.0	75.2	109 100	125 400 *	143 000 *	14.0
15.0	80.2	75.0	97 200	115 500 *	131 900 *	15.0
16.0	79.4	74.8	87 100	106 800 *	122 200 *	16.0
18.0	77.8	74.4	71 100	92 200 *	105 900 *	18.0
20.0	76.2	73.9	59 000	79 600	92 800 *	20.0
22.0	74.5	73.3	49 400	67 700	82 000 *	22.0
24.0	72.9	72.7	41 700	58 300	73 000 *	24.0
26.0	71.3	72.0	35 500	50 500	65 300 *	26.0
28.0	69.6	71.3	30 100	44 000	58 700 *	28.0
30.0	67.9	70.5	25 700	38 400	52 700	30.0
32.0	66.2	69.6	21 800	33 700	47 000	32.0
34.0	64.4	68.7	18 400	29 500	42 000	34.0
36.0	62.7	67.6	15 500	25 900	37 600	36.0
38.0	60.9	66.5	12 900	22 700	33 700	38.0
40.0	59.1	65.3	10 500	19 800	30 200	40.0
42.0	57.2	64.1	8 200 *	17 200	27 100	42.0
44.0	55.3	62.7	5 800 *	14 600 *	24 300	44.0
46.0	53.4	61.2		12 000 *	21 400 *	46.0
48.0	51.4	59.6		9 700 *	18 600 *	48.0
50.0	49.3	57.9		7 600 *	16 200 *	50.0
52.0	47.2	56.1		5 700 *	13 900 *	52.0
54.0	45.0	54.1			11 700 *	54.0
56.0	42.7	52.0			9 500 *	56.0
58.0	40.3	49.7			7 400 *	58.0
60.0	37.8	47.2			5 400 *	60.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	125 200 *	125 200 *
13.0	82.4	81.5	123 000 *	123 000 *
14.0	81.7	81.3	120 300 *	120 300 *
15.0	80.9	81.2	115 600 *	117 500 *
16.0	80.2	81.0	106 600 *	114 900 *
18.0	78.7	80.6	91 900 *	105 800 *
20.0	77.3	80.1	79 600	92 600 *
22.0	75.8	79.6	67 700	81 800 *
24.0	74.3	79.1	58 200	72 800 *
26.0	72.7	78.5	50 500	65 100 *
28.0	71.2	77.8	43 900	58 400 *
30.0	69.7	77.1	38 400	52 600
32.0	68.1	76.3	33 600	47 000
34.0	66.5	75.4	29 500	42 000
36.0	65.0	74.5	25 800	37 500
38.0	63.3	73.5	22 600	33 700
40.0	61.7	72.4	19 800	30 200
42.0	60.0	71.3	17 100	27 100
44.0	58.3	70.0	14 600 *	24 200
46.0	56.6	68.7	12 000 *	21 400 *
48.0	54.8	67.3	9 700 *	18 700 *
50.0	53.0	65.8	7 600 *	16 200 *
52.0	51.2	64.2		13 900 *
54.0	49.3	62.5		11 800 *
56.0	47.3	60.7		9 800 *
58.0	45.3	58.8		8 000 *
60.0	43.2	56.7		6 300 *

39.6m (130 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	107 000 *	107 000 *
14.0	82.3	87.5	105 600 *	105 600 *
15.0	81.6	87.3	103 200 *	103 200 *
16.0	80.9	87.2	100 800 *	100 800 *
18.0	79.5	86.8	92 100 *	96 100 *
20.0	78.2	86.4	79 700	91 200 *
22.0	76.8	85.9	67 800	81 900 *
24.0	75.4	85.4	58 300	72 600 *
26.0	74.0	84.8	50 500	64 900 *
28.0	72.6	84.2	44 000	58 300 *
30.0	71.2	83.5	38 400	52 600 *
32.0	69.8	82.8	33 600	47 000
34.0	68.3	82.0	29 500	42 000
36.0	66.9	81.2	25 800	37 500
38.0	65.4	80.3	22 600	33 700
40.0	63.9	79.3	19 700	30 200
42.0	62.4	78.3	17 100	27 000
44.0	60.8	77.1	14 600	24 200
46.0	59.3	76.0	12 100 *	21 500 *
48.0	57.7	74.7	9 800 *	18 800 *
50.0	56.1	73.4	7 600 *	16 300 *
52.0	54.4	72.0	5 700 *	13 900 *
54.0	52.8	70.5		11 800 *
56.0	51.0	68.9		9 900 *
58.0	49.3	67.1		8 000 *
60.0	47.5	65.3		6 300 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

39.6m (130 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	79 800 *
15.0	82.2	93.5	78 100 *
16.0	81.5	93.4	76 300 *
18.0	80.3	93.0	72 700 *
20.0	79.0	92.6	69 100 *
22.0	77.7	92.2	65 600 *
24.0	76.4	91.7	62 100 *
26.0	75.1	91.2	58 800 *
28.0	73.8	90.6	55 500 *
30.0	72.5	90.0	52 000 *
32.0	71.2	89.3	46 800
34.0	69.8	88.6	41 700
36.0	68.5	87.8	37 300
38.0	67.1	87.0	33 400
40.0	65.8	86.1	29 900
42.0	64.4	85.1	26 800
44.0	63.0	84.1	24 000
46.0	61.5	83.0	21 300 *
48.0	60.1	81.9	18 600 *
50.0	58.6	80.7	16 100 *
52.0	57.1	79.4	13 800 *
54.0	55.6	78.0	11 600 *
56.0	54.1	76.6	9 700 *
58.0	52.5	75.1	7 800 *
60.0	50.9	73.5	6 100 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	189 700 *	209 000 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	187 900 *	207 000 *	217 700 *	217 700 *	8.0
8.5	82.0	45.2	176 000 *	194 000 *	217 700 *	217 700 *	8.5
9.0	81.3	45.1	165 200 *	182 300 *	206 100 *	217 700 *	9.0
10.0	79.9	44.9	146 900 *	162 400 *	183 800 *	209 200 *	10.0
11.0	78.5	44.7	128 200	146 000 *	165 500 *	187 500 *	11.0
12.0	77.2	44.5	109 700	132 000 *	150 100 *	170 300 *	12.0
13.0	75.8	44.2	95 100	119 900	136 900 *	155 700 *	13.0
14.0	74.4	43.9	83 300	106 200	125 500 *	143 000 *	14.0
15.0	73.0	43.6	73 500	94 400	115 600 *	132 000 *	15.0
16.0	71.5	43.2	65 300	84 500	106 900 *	122 200 *	16.0
18.0	68.7	42.5	52 300	68 800	91 800	106 000 *	18.0
20.0	65.7	41.6	42 400	57 000	77 500	92 800 *	20.0
22.0	62.7	40.6	34 600	47 600	65 900	82 000 *	22.0
24.0	59.6	39.4	28 400	40 100	56 600	72 900 *	24.0
26.0	56.4	38.1	23 200	33 900	49 000	64 000 *	26.0
28.0	53.1	36.6	18 900	28 700	42 600	55 500 *	28.0
30.0	49.6	35.0	15 300	24 400	37 100	48 200 *	30.0
32.0	45.9	33.1	12 100	20 600	32 400	41 800 *	32.0
34.0	41.9	30.9	9 300	17 300	28 300	36 100 *	34.0
36.0	37.6	28.4	6 500 *	14 400	24 800	31 000 *	36.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	175 000 *	193 000 *	217 700 *	217 700 *	8.5
9.0	82.4	51.3	165 300 *	182 400 *	206 000 *	217 700 *	9.0
10.0	81.2	51.1	146 900 *	162 400 *	183 800 *	209 200 *	10.0
11.0	80.0	50.9	128 900	146 000 *	165 500 *	187 500 *	11.0
12.0	78.8	50.7	110 300	132 100 *	150 100 *	170 300 *	12.0
13.0	77.6	50.5	95 800	120 000	137 000 *	155 700 *	13.0
14.0	76.4	50.2	83 900	106 800	125 600 *	143 100 *	14.0
15.0	75.2	50.0	74 100	95 000	115 700 *	132 100 *	15.0
16.0	73.9	49.7	65 900	85 000	107 000 *	122 400 *	16.0
18.0	71.5	49.0	52 800	69 400	92 200	106 100 *	18.0
20.0	68.9	48.2	42 900	57 500	78 000	93 000 *	20.0
22.0	66.4	47.4	35 100	48 100	66 400	82 200 *	22.0
24.0	63.8	46.4	28 900	40 600	57 100	73 200 *	24.0
26.0	61.1	45.3	23 700	34 400	49 500	65 500 *	26.0
28.0	58.3	44.1	19 400	29 200	43 000	58 700	28.0
30.0	55.5	42.7	15 800	24 800	37 600	51 900	30.0
32.0	52.6	41.2	12 600	21 000	32 900	45 500 *	32.0
34.0	49.5	39.5	9 800	17 700	28 800	39 700 *	34.0
36.0	46.3	37.7	7 200 *	14 800	25 300	34 600 *	36.0
38.0	42.9	35.6		12 300	22 100	29 900 *	38.0
40.0	39.2	33.2		9 800 *	19 200	25 800 *	40.0
42.0	35.2	30.4		7 300 *	16 400 *	21 900 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	149 900 *	165 700 *	187 600 *	212 300 *	9.8
10.0	82.2	57.3	145 900 *	161 400 *	182 800 *	206 900 *	10.0
11.0	81.1	57.1	129 000	144 800 *	164 300 *	186 300 *	11.0
12.0	80.1	56.9	110 300	130 900 *	149 000 *	169 200 *	12.0
13.0	79.0	56.7	95 600	119 100	135 800 *	154 600 *	13.0
14.0	77.9	56.5	83 700	106 600	124 500 *	141 900 *	14.0
15.0	76.8	56.3	73 800	94 700	114 600 *	130 900 *	15.0
16.0	75.8	56.0	65 500	84 700	105 900 *	121 200 *	16.0
18.0	73.6	55.4	52 300	68 900	91 200 *	105 000 *	18.0
20.0	71.4	54.8	42 300	56 900	77 400	91 900 *	20.0
22.0	69.2	54.0	34 500	47 500	65 800	81 100 *	22.0
24.0	66.9	53.2	28 200	39 900	56 400	72 000 *	24.0
26.0	64.6	52.2	23 000	33 700	48 700	64 300 *	26.0
28.0	62.2	51.2	18 700	28 500	42 300	57 600	28.0
30.0	59.8	50.0	15 000	24 000	36 800	51 200	30.0
32.0	57.3	48.8	11 700	20 200	32 100	45 500	32.0
34.0	54.8	47.4	8 900	16 900	28 000	40 500	34.0
36.0	52.2	45.8	6 000 *	14 000	24 400	35 800	36.0
38.0	49.4	44.1		11 300	21 200	31 000 *	38.0
40.0	46.6	42.3		8 600 *	18 100 *	26 800 *	40.0
42.0	43.6	40.2		6 100 *	15 100 *	22 900 *	42.0
44.0	40.4	37.9			12 400 *	19 400 *	44.0
46.0	37.0	35.4			10 000 *	16 200 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	139 900 *	154 900 *	175 600 *	198 900 *	10.4
11.0	82.0	63.3	129 900	144 800 *	164 300 *	186 400 *	11.0
12.0	81.1	63.1	111 000	130 900 *	149 000 *	169 200 *	12.0
13.0	80.1	62.9	96 300	119 100 *	135 800 *	154 600 *	13.0
14.0	79.1	62.8	84 300	107 200	124 500 *	142 000 *	14.0
15.0	78.2	62.5	74 400	95 300	114 600 *	131 000 *	15.0
16.0	77.2	62.3	66 000	85 200	105 900 *	121 300 *	16.0
18.0	75.3	61.8	52 800	69 400	91 300 *	105 000 *	18.0
20.0	73.3	61.2	42 800	57 400	77 900	91 900 *	20.0
22.0	71.3	60.5	34 900	47 900	66 200	81 100 *	22.0
24.0	69.3	59.8	28 600	40 300	56 800	72 100 *	24.0
26.0	67.3	58.9	23 300	34 000	49 100	64 400 *	26.0
28.0	65.2	58.0	19 000	28 800	42 600	57 700	28.0
30.0	63.1	57.0	15 200	24 300	37 100	51 500	30.0
32.0	61.0	55.9	12 000	20 500	32 300	45 700	32.0
34.0	58.8	54.7	9 200	17 200	28 200	40 700	34.0
36.0	56.5	53.4	6 300 *	14 200	24 600	36 400	36.0
38.0	54.2	52.0		11 600	21 400	32 500	38.0
40.0	51.9	50.4		8 900 *	18 500 *	28 900	40.0
42.0	49.4	48.7		6 400 *	15 400 *	25 100 *	42.0
44.0	46.8	46.9			12 800 *	21 500 *	44.0
46.0	44.2	44.9			10 300 *	18 200 *	46.0
48.0	41.3	42.6			8 000 *	15 300 *	48.0
50.0	38.4	40.2			6 000 *	12 500 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	130 900 *	145 100 *	161 500 *	161 500 *	11.0
12.0	81.9	69.3	111 600	130 900 *	149 200 *	161 500 *	12.0
13.0	81.0	69.1	96 700	119 100 *	135 700 *	155 000 *	13.0
14.0	80.1	69.0	84 700	107 600	124 500 *	141 900 *	14.0
15.0	79.3	68.8	74 800	95 700	114 600 *	130 900 *	15.0
16.0	78.4	68.6	66 400	85 600	105 900 *	121 200 *	16.0
18.0	76.6	68.1	53 200	69 700	91 300 *	105 000 *	18.0
20.0	74.9	67.6	43 100	57 700	78 200	91 900 *	20.0
22.0	73.1	66.9	35 200	48 200	66 500	81 100 *	22.0
24.0	71.3	66.3	28 800	40 600	57 100	72 100 *	24.0
26.0	69.5	65.5	23 600	34 300	49 300	64 400 *	26.0
28.0	67.6	64.7	19 200	29 000	42 800	57 800 *	28.0
30.0	65.7	63.8	15 500	24 600	37 300	51 700	30.0
32.0	63.8	62.8	12 200	20 700	32 600	46 000	32.0
34.0	61.9	61.8	9 400	17 300	28 500	40 900	34.0
36.0	59.9	60.6	6 700 *	14 400	24 800	36 500	36.0
38.0	57.9	59.4		11 800	21 600	32 700	38.0
40.0	55.9	58.1		9 300 *	18 700	29 200	40.0
42.0	53.8	56.6		6 700 *	15 800 *	26 000	42.0
44.0	51.6	55.0			13 100 *	22 800 *	44.0
46.0	49.4	53.3			10 600 *	19 900 *	46.0
48.0	47.0	51.5			8 300 *	17 000 *	48.0
50.0	44.6	49.5			6 200 *	14 200 *	50.0
52.0	42.1	47.3				11 600 *	52.0
54.0	39.4	45.0				9 200 *	54.0
56.0	36.6	42.3				7 000 *	56.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	136 300 *	150 500 *	150 500 *	11.6
12.0	82.6	75.5	130 900 *	147 500 *	150 500 *	12.0
13.0	81.8	75.3	119 000 *	135 700 *	150 000 *	13.0
14.0	81.0	75.2	107 900	124 400 *	142 000 *	14.0
15.0	80.2	75.0	96 000	114 500 *	130 900 *	15.0
16.0	79.4	74.8	85 900	105 800 *	121 200 *	16.0
18.0	77.8	74.4	70 000	91 200 *	104 900 *	18.0
20.0	76.2	73.9	57 900	78 500	91 900 *	20.0
22.0	74.5	73.3	48 400	66 700	81 100 *	22.0
24.0	72.9	72.7	40 800	57 200	72 000 *	24.0
26.0	71.3	72.0	34 500	49 500	64 400 *	26.0
28.0	69.6	71.3	29 200	43 000	57 800 *	28.0
30.0	67.9	70.5	24 700	37 500	51 800	30.0
32.0	66.2	69.6	20 900	32 700	46 100	32.0
34.0	64.4	68.7	17 500	28 600	41 100	34.0
36.0	62.7	67.6	14 600	25 000	36 700	36.0
38.0	60.9	66.5	12 000	21 700	32 800	38.0
40.0	59.1	65.3	9 500 *	18 900	29 300	40.0
42.0	57.2	64.1	7 000 *	16 100 *	26 200	42.0
44.0	55.3	62.7		13 400 *	23 100 *	44.0
46.0	53.4	61.2		10 900 *	20 200 *	46.0
48.0	51.4	59.6		8 600 *	17 500 *	48.0
50.0	49.3	57.9		6 500 *	15 000 *	50.0
52.0	47.2	56.1			12 700 *	52.0
54.0	45.0	54.1			10 600 *	54.0
56.0	42.7	52.0			8 400 *	56.0
58.0	40.3	49.7			6 300 *	58.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	124 200 *	124 200 *
13.0	82.4	81.5	122 000 *	122 000 *
14.0	81.7	81.3	119 300 *	119 300 *
15.0	80.9	81.2	114 700 *	116 500 *
16.0	80.2	81.0	105 700 *	113 900 *
18.0	78.7	80.6	91 000 *	104 800 *
20.0	77.3	80.1	78 500	91 700 *
22.0	75.8	79.6	66 700	80 900 *
24.0	74.3	79.1	57 200	71 900 *
26.0	72.7	78.5	49 500	64 200 *
28.0	71.2	77.8	43 000	57 600 *
30.0	69.7	77.1	37 400	51 700
32.0	68.1	76.3	32 700	46 000
34.0	66.5	75.4	28 500	41 000
36.0	65.0	74.5	24 900	36 600
38.0	63.3	73.5	21 700	32 700
40.0	61.7	72.4	18 800	29 300
42.0	60.0	71.3	16 100	26 100
44.0	58.3	70.0	13 400 *	23 200
46.0	56.6	68.7	10 900 *	20 200 *
48.0	54.8	67.3	8 600 *	17 500 *
50.0	53.0	65.8	6 500 *	15 000 *
52.0	51.2	64.2		12 800 *
54.0	49.3	62.5		10 700 *
56.0	47.3	60.7		8 700 *
58.0	45.3	58.8		6 900 *

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	106 000 *	106 000 *
14.0	82.3	87.5	104 600 *	104 600 *
15.0	81.6	87.3	102 100 *	102 100 *
16.0	80.9	87.2	99 700 *	99 700 *
18.0	79.5	86.8	91 100 *	95 000 *
20.0	78.2	86.4	78 700	90 200 *
22.0	76.8	85.9	66 800	81 000 *
24.0	75.4	85.4	57 300	71 700 *
26.0	74.0	84.8	49 600	64 100 *
28.0	72.6	84.2	43 000	57 400 *
30.0	71.2	83.5	37 500	51 700
32.0	69.8	82.8	32 800	46 100
34.0	68.3	82.0	28 600	41 100
36.0	66.9	81.2	25 000	36 700
38.0	65.4	80.3	21 700	32 700
40.0	63.9	79.3	18 800	29 300
42.0	62.4	78.3	16 200	26 200
44.0	60.8	77.1	13 500 *	23 300
46.0	59.3	76.0	11 000 *	20 400 *
48.0	57.7	74.7	8 700 *	17 600 *
50.0	56.1	73.4	6 600 *	15 100 *
52.0	54.4	72.0		12 900 *
54.0	52.8	70.5		10 700 *
56.0	51.0	68.9		8 700 *
58.0	49.3	67.1		6 900 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

42.7m (140 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	78 900 *
15.0	82.2	93.5	77 100 *
16.0	81.5	93.4	75 300 *
18.0	80.3	93.0	71 700 *
20.0	79.0	92.6	68 100 *
22.0	77.7	92.2	64 600 *
24.0	76.4	91.7	61 200 *
26.0	75.1	91.2	57 800 *
28.0	73.8	90.6	54 600 *
30.0	72.5	90.0	51 100 *
32.0	71.2	89.3	45 900
34.0	69.8	88.6	40 900
36.0	68.5	87.8	36 400
38.0	67.1	87.0	32 600
40.0	65.8	86.1	29 100
42.0	64.4	85.1	26 000
44.0	63.0	84.1	23 200
46.0	61.5	83.0	20 200 *
48.0	60.1	81.9	17 500 *
50.0	58.6	80.7	15 000 *
52.0	57.1	79.4	12 700 *
54.0	55.6	78.0	10 600 *
56.0	54.1	76.6	8 600 *
58.0	52.5	75.1	6 700 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	188 400 *	207 600 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	186 600 *	205 700 *	217 500 *	217 700 *	8.0
8.5	82.0	45.2	174 700 *	192 700 *	216 700 *	217 700 *	8.5
9.0	81.3	45.1	164 000 *	181 000 *	206 200 *	217 700 *	9.0
10.0	79.9	44.9	145 700 *	161 200 *	182 600 *	207 800 *	10.0
11.0	78.5	44.7	126 500	144 700 *	164 300 *	186 300 *	11.0
12.0	77.2	44.5	108 100	130 900 *	148 900 *	169 100 *	12.0
13.0	75.8	44.2	93 600	118 600	135 700 *	154 500 *	13.0
14.0	74.4	43.9	81 800	104 700	124 400 *	141 900 *	14.0
15.0	73.0	43.6	72 100	93 000	114 500 *	130 800 *	15.0
16.0	71.5	43.2	63 900	83 100	105 700 *	121 100 *	16.0
18.0	68.7	42.5	50 900	67 500	90 500	104 900 *	18.0
20.0	65.7	41.6	41 100	55 700	76 200	91 800 *	20.0
22.0	62.7	40.6	33 400	46 400	64 700	80 900 *	22.0
24.0	59.6	39.4	27 200	38 900	55 400	71 900 *	24.0
26.0	56.4	38.1	22 000	32 800	47 800	62 500 *	26.0
28.0	53.1	36.6	17 800	27 600	41 400	54 000 *	28.0
30.0	49.6	35.0	14 100	23 200	36 000	46 700 *	30.0
32.0	45.9	33.1	11 000	19 500	31 300	40 300 *	32.0
34.0	41.9	30.9	8 000 *	16 200	27 300	34 700 *	34.0
36.0	37.6	28.4		13 300	23 700	29 600 *	36.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	173 800 *	191 700 *	216 600 *	217 700 *	8.5
9.0	82.4	51.3	164 100 *	181 200 *	204 800 *	217 700 *	9.0
10.0	81.2	51.1	145 700 *	161 200 *	182 600 *	207 800 *	10.0
11.0	80.0	50.9	127 300	144 800 *	164 300 *	186 400 *	11.0
12.0	78.8	50.7	108 800	130 900 *	149 000 *	169 200 *	12.0
13.0	77.6	50.5	94 300	118 800	135 800 *	154 600 *	13.0
14.0	76.4	50.2	82 500	105 400	124 500 *	142 000 *	14.0
15.0	75.2	50.0	72 800	93 700	114 600 *	131 000 *	15.0
16.0	73.9	49.7	64 600	83 800	105 900 *	121 300 *	16.0
18.0	71.5	49.0	51 600	68 100	91 000	105 100 *	18.0
20.0	68.9	48.2	41 700	56 300	76 800	92 000 *	20.0
22.0	66.4	47.4	34 000	47 000	65 200	81 200 *	22.0
24.0	63.8	46.4	27 800	39 500	56 000	72 200 *	24.0
26.0	61.1	45.3	22 600	33 300	48 400	64 500	26.0
28.0	58.3	44.1	18 300	28 200	42 000	57 600	28.0
30.0	55.5	42.7	14 700	23 800	36 600	50 700	30.0
32.0	52.6	41.2	11 600	20 000	31 900	44 200 *	32.0
34.0	49.5	39.5	8 700	16 700	27 800	38 400 *	34.0
36.0	46.3	37.7	5 800 *	13 800	24 300	33 200 *	36.0
38.0	42.9	35.6		11 200	21 100	28 700 *	38.0
40.0	39.2	33.2		8 500 *	18 000 *	24 500 *	40.0
42.0	35.2	30.4		6 100 *	15 100 *	20 700 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	148 700 *	164 600 *	186 500 *	211 100 *	9.8
10.0	82.2	57.3	144 700 *	160 200 *	181 600 *	205 700 *	10.0
11.0	81.1	57.1	127 400	143 600 *	163 200 *	185 200 *	11.0
12.0	80.1	56.9	108 800	129 800 *	147 800 *	168 100 *	12.0
13.0	79.0	56.7	94 200	117 900	134 700 *	153 500 *	13.0
14.0	77.9	56.5	82 300	105 300	123 400 *	140 900 *	14.0
15.0	76.8	56.3	72 500	93 400	113 500 *	129 900 *	15.0
16.0	75.8	56.0	64 200	83 500	104 800 *	120 200 *	16.0
18.0	73.6	55.4	51 100	67 700	90 200 *	104 000 *	18.0
20.0	71.4	54.8	41 200	55 800	76 300	90 900 *	20.0
22.0	69.2	54.0	33 400	46 400	64 700	80 100 *	22.0
24.0	66.9	53.2	27 100	38 900	55 400	71 100 *	24.0
26.0	64.6	52.2	22 000	32 700	47 700	63 400 *	26.0
28.0	62.2	51.2	17 600	27 400	41 300	56 700	28.0
30.0	59.8	50.0	13 900	23 000	35 800	50 200	30.0
32.0	57.3	48.8	10 800	19 200	31 100	44 500	32.0
34.0	54.8	47.4	7 700 *	15 900	27 000	39 500	34.0
36.0	52.2	45.8		13 000	23 400	34 600 *	36.0
38.0	49.4	44.1		10 100	20 200	29 800 *	38.0
40.0	46.6	42.3		7 300 *	16 900 *	25 500 *	40.0
42.0	43.6	40.2			13 900 *	21 700 *	42.0
44.0	40.4	37.9			11 300 *	18 200 *	44.0
46.0	37.0	35.4			8 800 *	15 000 *	46.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	138 800 *	153 800 *	174 500 *	197 800 *	10.4
11.0	82.0	63.3	128 400	143 700 *	163 200 *	185 300 *	11.0
12.0	81.1	63.1	109 600	129 900 *	147 900 *	168 100 *	12.0
13.0	80.1	62.9	94 900	118 100 *	134 800 *	153 600 *	13.0
14.0	79.1	62.8	83 000	105 900	123 500 *	141 000 *	14.0
15.0	78.2	62.5	73 200	94 000	113 600 *	130 000 *	15.0
16.0	77.2	62.3	64 800	84 000	104 900 *	120 300 *	16.0
18.0	75.3	61.8	51 600	68 200	90 300 *	104 000 *	18.0
20.0	73.3	61.2	41 700	56 300	76 800	91 000 *	20.0
22.0	71.3	60.5	33 900	46 800	65 100	80 200 *	22.0
24.0	69.3	59.8	27 500	39 300	55 800	71 200 *	24.0
26.0	67.3	58.9	22 300	33 000	48 100	63 500 *	26.0
28.0	65.2	58.0	18 000	27 800	41 600	56 800	28.0
30.0	63.1	57.0	14 300	23 400	36 100	50 600	30.0
32.0	61.0	55.9	11 100	19 600	31 400	44 800	32.0
34.0	58.8	54.7	8 100 *	16 200	27 300	39 800	34.0
36.0	56.5	53.4		13 300	23 700	35 400	36.0
38.0	54.2	52.0		10 500	20 500	31 600	38.0
40.0	51.9	50.4		7 700 *	17 300 *	27 900 *	40.0
42.0	49.4	48.7			14 300 *	23 900 *	42.0
44.0	46.8	46.9			11 600 *	20 400 *	44.0
46.0	44.2	44.9			9 100 *	17 100 *	46.0
48.0	41.3	42.6			6 900 *	14 100 *	48.0
50.0	38.4	40.2			4 900 *	11 400 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM							
11.0	82.8	69.5	129 500	144 100 *	160 400 *	160 400 *	11.0
12.0	81.9	69.3	110 200	129 800 *	148 200 *	160 400 *	12.0
13.0	81.0	69.1	95 400	118 000 *	134 800 *	154 000 *	13.0
14.0	80.1	69.0	83 500	106 400	123 500 *	140 900 *	14.0
15.0	79.3	68.8	73 600	94 500	113 600 *	130 000 *	15.0
16.0	78.4	68.6	65 200	84 500	104 900 *	120 300 *	16.0
18.0	76.6	68.1	52 100	68 600	90 300 *	104 100 *	18.0
20.0	74.9	67.6	42 100	56 600	77 200	91 000 *	20.0
22.0	73.1	66.9	34 200	47 200	65 400	80 200 *	22.0
24.0	71.3	66.3	27 800	39 600	56 100	71 200 *	24.0
26.0	69.5	65.5	22 600	33 300	48 400	63 500 *	26.0
28.0	67.6	64.7	18 200	28 100	41 900	57 000 *	28.0
30.0	65.7	63.8	14 500	23 600	36 400	50 800	30.0
32.0	63.8	62.8	11 300	19 800	31 700	45 000	32.0
34.0	61.9	61.8	8 500	16 500	27 600	40 100	34.0
36.0	59.9	60.6	5 500 *	13 500	24 000	35 700	36.0
38.0	57.9	59.4		10 900	20 700	31 800	38.0
40.0	55.9	58.1		8 100 *	17 700 *	28 300	40.0
42.0	53.8	56.6		5 600 *	14 700 *	24 900 *	42.0
44.0	51.6	55.0			12 000 *	21 700 *	44.0
46.0	49.4	53.3			9 500 *	18 800 *	46.0
48.0	47.0	51.5			7 200 *	15 900 *	48.0
50.0	44.6	49.5			5 200 *	13 100 *	50.0
52.0	42.1	47.3				10 600 *	52.0
54.0	39.4	45.0				8 200 *	54.0
56.0	36.6	42.3				6 000 *	56.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	135 300 *	149 500 *	149 500 *	11.6
12.0	82.6	75.5	129 800 *	146 500 *	149 500 *	12.0
13.0	81.8	75.3	118 000 *	134 700 *	149 100 *	13.0
14.0	81.0	75.2	106 700	123 400 *	141 000 *	14.0
15.0	80.2	75.0	94 800	113 600 *	129 900 *	15.0
16.0	79.4	74.8	84 800	104 900 *	120 200 *	16.0
18.0	77.8	74.4	68 900	90 300 *	104 000 *	18.0
20.0	76.2	73.9	56 900	77 400	91 000 *	20.0
22.0	74.5	73.3	47 400	65 700	80 200 *	22.0
24.0	72.9	72.7	39 800	56 300	71 200 *	24.0
26.0	71.3	72.0	33 500	48 600	63 600 *	26.0
28.0	69.6	71.3	28 300	42 100	56 900 *	28.0
30.0	67.9	70.5	23 800	36 600	50 900	30.0
32.0	66.2	69.6	20 000	31 800	45 200	32.0
34.0	64.4	68.7	16 600	27 700	40 200	34.0
36.0	62.7	67.6	13 700	24 100	35 800	36.0
38.0	60.9	66.5	11 100	20 900	32 000	38.0
40.0	59.1	65.3	8 400 *	18 000	28 500	40.0
42.0	57.2	64.1	5 900 *	15 000 *	25 300	42.0
44.0	55.3	62.7		12 300 *	22 100 *	44.0
46.0	53.4	61.2		9 800 *	19 100 *	46.0
48.0	51.4	59.6		7 500 *	16 400 *	48.0
50.0	49.3	57.9		5 500 *	14 000 *	50.0
52.0	47.2	56.1			11 700 *	52.0
54.0	45.0	54.1			9 600 *	54.0
56.0	42.7	52.0			7 400 *	56.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	123 300 *	123 300 *
13.0	82.4	81.5	121 100 *	121 100 *
14.0	81.7	81.3	118 300 *	118 300 *
15.0	80.9	81.2	113 800 *	115 700 *
16.0	80.2	81.0	104 700 *	113 000 *
18.0	78.7	80.6	90 100 *	103 900 *
20.0	77.3	80.1	77 500	90 800 *
22.0	75.8	79.6	65 700	80 000 *
24.0	74.3	79.1	56 300	71 000 *
26.0	72.7	78.5	48 600	63 400 *
28.0	71.2	77.8	42 100	56 800 *
30.0	69.7	77.1	36 600	50 900
32.0	68.1	76.3	31 800	45 200
34.0	66.5	75.4	27 700	40 200
36.0	65.0	74.5	24 100	35 800
38.0	63.3	73.5	20 900	31 900
40.0	61.7	72.4	18 000	28 500
42.0	60.0	71.3	15 100 *	25 300
44.0	58.3	70.0	12 400 *	22 200 *
46.0	56.6	68.7	9 900 *	19 200 *
48.0	54.8	67.3	7 600 *	16 500 *
50.0	53.0	65.8	5 500 *	14 000 *
52.0	51.2	64.2		11 800 *
54.0	49.3	62.5		9 700 *
56.0	47.3	60.7		7 700 *
58.0	45.3	58.8		5 900 *

45.7m (150 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	105 000 *	105 000 *
14.0	82.3	87.5	103 600 *	103 600 *
15.0	81.6	87.3	101 200 *	101 200 *
16.0	80.9	87.2	98 800 *	98 800 *
18.0	79.5	86.8	90 200 *	94 100 *
20.0	78.2	86.4	77 700	89 200 *
22.0	76.8	85.9	65 900	80 100 *
24.0	75.4	85.4	56 400	70 900 *
26.0	74.0	84.8	48 700	63 300 *
28.0	72.6	84.2	42 200	56 700 *
30.0	71.2	83.5	36 700	50 900
32.0	69.8	82.8	31 900	45 300
34.0	68.3	82.0	27 800	40 200
36.0	66.9	81.2	24 100	35 900
38.0	65.4	80.3	20 900	32 000
40.0	63.9	79.3	18 100	28 500
42.0	62.4	78.3	15 300 *	25 400
44.0	60.8	77.1	12 500 *	22 400
46.0	59.3	76.0	10 000 *	19 400 *
48.0	57.7	74.7	7 700 *	16 600 *
50.0	56.1	73.4	5 600 *	14 200 *
52.0	54.4	72.0		11 900 *
54.0	52.8	70.5		9 700 *
56.0	51.0	68.9		7 800 *
58.0	49.3	67.1		6 000 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

45.7m (150 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	78 000 *
15.0	82.2	93.5	76 200 *
16.0	81.5	93.4	74 400 *
18.0	80.3	93.0	70 800 *
20.0	79.0	92.6	67 200 *
22.0	77.7	92.2	63 800 *
24.0	76.4	91.7	60 300 *
26.0	75.1	91.2	56 900 *
28.0	73.8	90.6	53 700 *
30.0	72.5	90.0	50 300 *
32.0	71.2	89.3	45 100
34.0	69.8	88.6	40 100
36.0	68.5	87.8	35 700
38.0	67.1	87.0	31 800
40.0	65.8	86.1	28 300
42.0	64.4	85.1	25 200
44.0	63.0	84.1	22 200
46.0	61.5	83.0	19 300 *
48.0	60.1	81.9	16 500 *
50.0	58.6	80.7	14 000 *
52.0	57.1	79.4	11 700 *
54.0	55.6	78.0	9 600 *
56.0	54.1	76.6	7 600 *
58.0	52.5	75.1	5 800 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	187 000 *	206 200 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	185 200 *	204 300 *	217 400 *	217 700 *	8.0
8.5	82.0	45.2	173 300 *	191 300 *	215 400 *	217 700 *	8.5
9.0	81.3	45.1	162 600 *	179 700 *	204 600 *	217 700 *	9.0
10.0	79.9	44.9	144 300 *	159 800 *	181 200 *	206 300 *	10.0
11.0	78.5	44.7	124 600	143 400 *	162 900 *	185 000 *	11.0
12.0	77.2	44.5	106 300	129 500 *	147 500 *	167 800 *	12.0
13.0	75.8	44.2	91 900	117 200	134 400 *	153 200 *	13.0
14.0	74.4	43.9	80 200	103 100	123 100 *	140 600 *	14.0
15.0	73.0	43.6	70 500	91 400	113 200 *	129 600 *	15.0
16.0	71.5	43.2	62 300	81 600	104 400 *	119 900 *	16.0
18.0	68.7	42.5	49 500	66 000	89 100	103 600 *	18.0
20.0	65.7	41.6	39 700	54 300	74 800	90 500 *	20.0
22.0	62.7	40.6	32 000	45 000	63 300	79 700 *	22.0
24.0	59.6	39.4	25 800	37 600	54 100	70 400 *	24.0
26.0	56.4	38.1	20 700	31 400	46 500	60 900 *	26.0
28.0	53.1	36.6	16 500	26 300	40 100	52 400 *	28.0
30.0	49.6	35.0	12 900	21 900	34 700	45 100 *	30.0
32.0	45.9	33.1	9 600	18 200	30 100	38 700 *	32.0
34.0	41.9	30.9	6 400 *	14 900	26 000	33 100 *	34.0
36.0	37.6	28.4		11 900	22 500	28 000 *	36.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	172 500 *	190 400 *	215 200 *	217 700 *	8.5
9.0	82.4	51.3	162 800 *	179 800 *	203 500 *	217 700 *	9.0
10.0	81.2	51.1	144 400 *	159 900 *	181 300 *	206 400 *	10.0
11.0	80.0	50.9	125 600	143 500 *	163 100 *	185 100 *	11.0
12.0	78.8	50.7	107 200	129 700 *	147 700 *	168 000 *	12.0
13.0	77.6	50.5	92 700	117 500	134 600 *	153 400 *	13.0
14.0	76.4	50.2	81 000	103 900	123 300 *	140 800 *	14.0
15.0	75.2	50.0	71 300	92 200	113 400 *	129 800 *	15.0
16.0	73.9	49.7	63 100	82 400	104 700 *	120 100 *	16.0
18.0	71.5	49.0	50 200	66 800	89 700	103 900 *	18.0
20.0	68.9	48.2	40 400	55 000	75 500	90 800 *	20.0
22.0	66.4	47.4	32 700	45 700	64 000	80 100 *	22.0
24.0	63.8	46.4	26 500	38 200	54 700	71 100 *	24.0
26.0	61.1	45.3	21 400	32 100	47 100	63 400	26.0
28.0	58.3	44.1	17 100	27 000	40 700	56 400	28.0
30.0	55.5	42.7	13 500	22 600	35 300	49 300	30.0
32.0	52.6	41.2	10 400	18 800	30 700	42 700 *	32.0
34.0	49.5	39.5	7 200 *	15 500	26 700	36 900 *	34.0
36.0	46.3	37.7		12 700	23 100	31 700 *	36.0
38.0	42.9	35.6		9 800 *	19 800	27 200 *	38.0
40.0	39.2	33.2		7 000 *	16 600 *	23 000 *	40.0
42.0	35.2	30.4			13 600 *	19 200 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	147 500 *	163 300 *	185 200 *	209 900 *	9.8
10.0	82.2	57.3	143 400 *	159 000 *	180 400 *	204 500 *	10.0
11.0	81.1	57.1	125 800	142 400 *	162 000 *	184 000 *	11.0
12.0	80.1	56.9	107 300	128 600 *	146 600 *	166 900 *	12.0
13.0	79.0	56.7	92 700	116 700	133 500 *	152 300 *	13.0
14.0	77.9	56.5	80 900	103 800	122 200 *	139 700 *	14.0
15.0	76.8	56.3	71 100	92 000	112 300 *	128 700 *	15.0
16.0	75.8	56.0	62 800	82 100	103 700 *	119 100 *	16.0
18.0	73.6	55.4	49 800	66 400	89 100 *	102 800 *	18.0
20.0	71.4	54.8	39 900	54 500	75 000	89 800 *	20.0
22.0	69.2	54.0	32 200	45 200	63 500	79 000 *	22.0
24.0	66.9	53.2	25 900	37 600	54 200	70 000 *	24.0
26.0	64.6	52.2	20 800	31 500	46 500	62 400 *	26.0
28.0	62.2	51.2	16 500	26 300	40 100	55 600	28.0
30.0	59.8	50.0	12 800	21 900	34 700	49 000	30.0
32.0	57.3	48.8	9 500	18 100	30 000	43 300	32.0
34.0	54.8	47.4	6 200 *	14 800	25 900	38 300	34.0
36.0	52.2	45.8		11 800	22 300	33 100 *	36.0
38.0	49.4	44.1		8 700 *	18 800 *	28 400 *	38.0
40.0	46.6	42.3		5 900 *	15 500 *	24 100 *	40.0
42.0	43.6	40.2			12 500 *	20 300 *	42.0
44.0	40.4	37.9			9 900 *	16 800 *	44.0
46.0	37.0	35.4			7 400 *	13 600 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	137 600 *	152 600 *	173 300 *	196 500 *	10.4
11.0	82.0	63.3	126 700	142 500 *	162 100 *	184 100 *	11.0
12.0	81.1	63.1	108 100	128 700 *	146 700 *	167 000 *	12.0
13.0	80.1	62.9	93 500	116 900	133 600 *	152 400 *	13.0
14.0	79.1	62.8	81 600	104 500	122 300 *	139 800 *	14.0
15.0	78.2	62.5	71 800	92 700	112 500 *	128 900 *	15.0
16.0	77.2	62.3	63 500	82 700	103 800 *	119 100 *	16.0
18.0	75.3	61.8	50 400	67 000	89 200 *	103 000 *	18.0
20.0	73.3	61.2	40 500	55 100	75 600	89 900 *	20.0
22.0	71.3	60.5	32 600	45 700	64 000	79 100 *	22.0
24.0	69.3	59.8	26 400	38 100	54 600	70 100 *	24.0
26.0	67.3	58.9	21 200	31 900	46 900	62 400 *	26.0
28.0	65.2	58.0	16 900	26 700	40 500	55 800	28.0
30.0	63.1	57.0	13 200	22 300	35 000	49 500	30.0
32.0	61.0	55.9	10 000	18 500	30 300	43 700	32.0
34.0	58.8	54.7	6 700 *	15 200	26 200	38 800	34.0
36.0	56.5	53.4		12 200	22 700	34 400	36.0
38.0	54.2	52.0		9 200 *	19 300	30 500	38.0
40.0	51.9	50.4		6 400 *	16 000 *	26 500 *	40.0
42.0	49.4	48.7			13 000 *	22 600 *	42.0
44.0	46.8	46.9			10 300 *	19 000 *	44.0
46.0	44.2	44.9			7 800 *	15 800 *	46.0
48.0	41.3	42.6			5 600 *	12 800 *	48.0
50.0	38.4	40.2				10 100 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM						
11.0	82.8	69.5	142 900 *	159 100 *	159 100 *	11.0
12.0	81.9	69.3	128 700 *	147 100 *	159 100 *	12.0
13.0	81.0	69.1	117 000 *	133 600 *	152 900 *	13.0
14.0	80.1	69.0	105 000	122 400 *	139 900 *	14.0
15.0	79.3	68.8	93 200	112 500 *	128 900 *	15.0
16.0	78.4	68.6	83 200	103 800 *	119 200 *	16.0
18.0	76.6	68.1	67 400	89 300 *	103 000 *	18.0
20.0	74.9	67.6	55 500	76 000	90 000 *	20.0
22.0	73.1	66.9	46 000	64 300	79 200 *	22.0
24.0	71.3	66.3	38 500	55 000	70 200 *	24.0
26.0	69.5	65.5	32 300	47 300	62 500 *	26.0
28.0	67.6	64.7	27 000	40 800	55 900	28.0
30.0	65.7	63.8	22 600	35 300	49 800	30.0
32.0	63.8	62.8	18 800	30 600	44 000	32.0
34.0	61.9	61.8	15 400	26 500	39 000	34.0
36.0	59.9	60.6	12 500	22 900	34 700	36.0
38.0	57.9	59.4	9 600	19 700	30 800	38.0
40.0	55.9	58.1	6 800 *	16 400 *	27 200 *	40.0
42.0	53.8	56.6		13 400 *	23 700 *	42.0
44.0	51.6	55.0		10 700 *	20 400 *	44.0
46.0	49.4	53.3		8 200 *	17 500 *	46.0
48.0	47.0	51.5		6 000 *	14 700 *	48.0
50.0	44.6	49.5			11 900 *	50.0
52.0	42.1	47.3			9 300 *	52.0
54.0	39.4	45.0			6 900 *	54.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	134 100 *	148 000 *	148 000 *	11.6
12.0	82.6	75.5	128 700 *	145 300 *	148 000 *	12.0
13.0	81.8	75.3	116 900 *	133 600 *	147 600 *	13.0
14.0	81.0	75.2	105 400	122 300 *	140 000 *	14.0
15.0	80.2	75.0	93 500	112 500 *	128 900 *	15.0
16.0	79.4	74.8	83 500	103 800 *	119 200 *	16.0
18.0	77.8	74.4	67 700	89 300 *	103 000 *	18.0
20.0	76.2	73.9	55 700	76 300	90 000 *	20.0
22.0	74.5	73.3	46 300	64 600	79 200 *	22.0
24.0	72.9	72.7	38 700	55 200	70 200 *	24.0
26.0	71.3	72.0	32 500	47 500	62 600 *	26.0
28.0	69.6	71.3	27 300	41 000	56 000 *	28.0
30.0	67.9	70.5	22 800	35 600	50 000	30.0
32.0	66.2	69.6	19 000	30 800	44 200	32.0
34.0	64.4	68.7	15 600	26 700	39 200	34.0
36.0	62.7	67.6	12 700	23 100	34 900	36.0
38.0	60.9	66.5	10 000	20 000	31 000	38.0
40.0	59.1	65.3	7 200 *	16 800 *	27 500	40.0
42.0	57.2	64.1		13 800 *	24 100 *	42.0
44.0	55.3	62.7		11 000 *	20 800 *	44.0
46.0	53.4	61.2		8 600 *	17 900 *	46.0
48.0	51.4	59.6		6 300 *	15 200 *	48.0
50.0	49.3	57.9			12 800 *	50.0
52.0	47.2	56.1			10 500 *	52.0
54.0	45.0	54.1			8 400 *	54.0
56.0	42.7	52.0			6 200 *	56.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	120 600 *	120 600 *
13.0	82.4	81.5	118 400 *	118 400 *
14.0	81.7	81.3	115 800 *	115 800 *
15.0	80.9	81.2	111 900 *	113 100 *
16.0	80.2	81.0	104 300 *	110 400 *
18.0	78.7	80.6	89 100 *	102 500 *
20.0	77.3	80.1	76 400	89 800 *
22.0	75.8	79.6	64 700	79 100 *
24.0	74.3	79.1	55 300	70 100 *
26.0	72.7	78.5	47 600	62 400 *
28.0	71.2	77.8	41 100	55 800 *
30.0	69.7	77.1	35 600	49 900
32.0	68.1	76.3	30 900	44 200
34.0	66.5	75.4	26 700	39 200
36.0	65.0	74.5	23 100	34 900
38.0	63.3	73.5	20 000	31 000
40.0	61.7	72.4	17 000 *	27 500
42.0	60.0	71.3	13 900 *	24 200 *
44.0	58.3	70.0	11 100 *	21 000 *
46.0	56.6	68.7	8 600 *	18 000 *
48.0	54.8	67.3	6 400 *	15 300 *
50.0	53.0	65.8		12 900 *
52.0	51.2	64.2		10 600 *
54.0	49.3	62.5		8 500 *
56.0	47.3	60.7		6 500 *

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	103 800 *	103 800 *
14.0	82.3	87.5	102 400 *	102 400 *
15.0	81.6	87.3	100 000 *	100 000 *
16.0	80.9	87.2	97 700 *	97 700 *
18.0	79.5	86.8	89 200 *	93 000 *
20.0	78.2	86.4	76 600	88 200 *
22.0	76.8	85.9	64 800	79 200 *
24.0	75.4	85.4	55 400	70 000 *
26.0	74.0	84.8	47 700	62 400 *
28.0	72.6	84.2	41 200	55 800 *
30.0	71.2	83.5	35 700	49 900
32.0	69.8	82.8	30 900	44 300
34.0	68.3	82.0	26 800	39 300
36.0	66.9	81.2	23 200	35 000
38.0	65.4	80.3	20 000	31 100
40.0	63.9	79.3	17 100	27 600
42.0	62.4	78.3	14 100 *	24 400
44.0	60.8	77.1	11 300 *	21 200 *
46.0	59.3	76.0	8 800 *	18 200 *
48.0	57.7	74.7	6 500 *	15 500 *
50.0	56.1	73.4		13 000 *
52.0	54.4	72.0		10 700 *
54.0	52.8	70.5		8 600 *
56.0	51.0	68.9		6 700 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

48.8m (160 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	76 900 *
15.0	82.2	93.5	75 200 *
16.0	81.5	93.4	73 400 *
18.0	80.3	93.0	69 800 *
20.0	79.0	92.6	66 300 *
22.0	77.7	92.2	62 800 *
24.0	76.4	91.7	59 300 *
26.0	75.1	91.2	56 000 *
28.0	73.8	90.6	52 700 *
30.0	72.5	90.0	49 300
32.0	71.2	89.3	44 100
34.0	69.8	88.6	39 200
36.0	68.5	87.8	34 800
38.0	67.1	87.0	30 900
40.0	65.8	86.1	27 500
42.0	64.4	85.1	24 300
44.0	63.0	84.1	21 100 *
46.0	61.5	83.0	18 100 *
48.0	60.1	81.9	15 400 *
50.0	58.6	80.7	12 900 *
52.0	57.1	79.4	10 600 *
54.0	55.6	78.0	8 500 *
56.0	54.1	76.6	6 500 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	185 800 *	205 100 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	184 000 *	203 100 *	217 200 *	217 700 *	8.0
8.5	82.0	45.2	172 100 *	190 200 *	214 300 *	217 700 *	8.5
9.0	81.3	45.1	161 500 *	178 600 *	203 400 *	217 700 *	9.0
10.0	79.9	44.9	143 200 *	158 700 *	180 100 *	205 100 *	10.0
11.0	78.5	44.7	123 100	142 300 *	161 900 *	183 900 *	11.0
12.0	77.2	44.5	104 900	128 500 *	146 500 *	166 800 *	12.0
13.0	75.8	44.2	90 500	116 100	133 400 *	152 200 *	13.0
14.0	74.4	43.9	79 000	101 800	122 100 *	139 600 *	14.0
15.0	73.0	43.6	69 300	90 200	112 300 *	128 600 *	15.0
16.0	71.5	43.2	61 200	80 400	103 600 *	118 900 *	16.0
18.0	68.7	42.5	48 300	64 900	88 100	102 700 *	18.0
20.0	65.7	41.6	38 600	53 200	73 700	89 700 *	20.0
22.0	62.7	40.6	31 000	44 000	62 300	78 900 *	22.0
24.0	59.6	39.4	24 800	36 600	53 100	69 400 *	24.0
26.0	56.4	38.1	19 800	30 500	45 500	59 700 *	26.0
28.0	53.1	36.6	15 600	25 400	39 200	51 200 *	28.0
30.0	49.6	35.0	12 000	21 000	33 800	43 900 *	30.0
32.0	45.9	33.1	8 500	17 300	29 200	37 600 *	32.0
34.0	41.9	30.9		14 000	25 200	32 000 *	34.0
36.0	37.6	28.4		10 900 *	21 500	27 000 *	36.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	171 400 *	189 300 *	214 100 *	217 700 *	8.5
9.0	82.4	51.3	161 700 *	178 800 *	202 400 *	217 700 *	9.0
10.0	81.2	51.1	143 400 *	158 900 *	180 200 *	205 200 *	10.0
11.0	80.0	50.9	124 100	142 500 *	162 100 *	184 100 *	11.0
12.0	78.8	50.7	105 800	128 700 *	146 800 *	167 000 *	12.0
13.0	77.6	50.5	91 500	116 500	133 700 *	152 400 *	13.0
14.0	76.4	50.2	79 800	102 700	122 400 *	139 900 *	14.0
15.0	75.2	50.0	70 100	91 000	112 500 *	128 900 *	15.0
16.0	73.9	49.7	62 000	81 200	103 800 *	119 200 *	16.0
18.0	71.5	49.0	49 200	65 700	88 700	103 000 *	18.0
20.0	68.9	48.2	39 400	54 000	74 500	90 000 *	20.0
22.0	66.4	47.4	31 700	44 800	63 000	79 300 *	22.0
24.0	63.8	46.4	25 600	37 300	53 800	70 300 *	24.0
26.0	61.1	45.3	20 500	31 200	46 300	62 600	26.0
28.0	58.3	44.1	16 300	26 100	39 900	55 500	28.0
30.0	55.5	42.7	12 700	21 800	34 500	48 300 *	30.0
32.0	52.6	41.2	9 400	18 000	29 900	41 600 *	32.0
34.0	49.5	39.5	6 200 *	14 700	25 900	35 900 *	34.0
36.0	46.3	37.7		11 800	22 300	30 800 *	36.0
38.0	42.9	35.6		8 800 *	18 800 *	26 200 *	38.0
40.0	39.2	33.2		6 100 *	15 600 *	22 000 *	40.0
42.0	35.2	30.4			12 700 *	18 200 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	146 500 *	162 300 *	184 200 *	208 900 *	9.8
10.0	82.2	57.3	142 500 *	158 000 *	179 400 *	203 500 *	10.0
11.0	81.1	57.1	124 400	141 500 *	161 000 *	183 100 *	11.0
12.0	80.1	56.9	106 000	127 700 *	145 700 *	166 000 *	12.0
13.0	79.0	56.7	91 500	115 700	132 600 *	151 400 *	13.0
14.0	77.9	56.5	79 700	102 600	121 400 *	138 900 *	14.0
15.0	76.8	56.3	70 000	90 900	111 500 *	127 900 *	15.0
16.0	75.8	56.0	61 800	81 000	102 800 *	118 200 *	16.0
18.0	73.6	55.4	48 800	65 400	88 200	102 000 *	18.0
20.0	71.4	54.8	39 000	53 600	74 100	89 000 *	20.0
22.0	69.2	54.0	31 300	44 300	62 600	78 300 *	22.0
24.0	66.9	53.2	25 100	36 800	53 300	69 300 *	24.0
26.0	64.6	52.2	20 000	30 700	45 700	61 600 *	26.0
28.0	62.2	51.2	15 700	25 500	39 300	54 800	28.0
30.0	59.8	50.0	12 000	21 100	33 900	48 300	30.0
32.0	57.3	48.8	8 500	17 300	29 200	42 600	32.0
34.0	54.8	47.4		14 000	25 200	37 500	34.0
36.0	52.2	45.8		10 800 *	21 400	32 100 *	36.0
38.0	49.4	44.1		7 800 *	17 800 *	27 400 *	38.0
40.0	46.6	42.3			14 600 *	23 200 *	40.0
42.0	43.6	40.2			11 600 *	19 400 *	42.0
44.0	40.4	37.9			9 000 *	15 900 *	44.0
46.0	37.0	35.4			6 600 *	12 800 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	136 700 *	151 600 *	172 300 *	195 600 *	10.4
11.0	82.0	63.3	125 400	141 600 *	161 200 *	183 100 *	11.0
12.0	81.1	63.1	106 900	127 800 *	145 800 *	166 100 *	12.0
13.0	80.1	62.9	92 300	116 000	132 800 *	151 500 *	13.0
14.0	79.1	62.8	80 500	103 400	121 500 *	139 000 *	14.0
15.0	78.2	62.5	70 700	91 600	111 700 *	128 000 *	15.0
16.0	77.2	62.3	62 500	81 700	103 000 *	118 300 *	16.0
18.0	75.3	61.8	49 500	66 000	88 500 *	102 200 *	18.0
20.0	73.3	61.2	39 600	54 100	74 700	89 200 *	20.0
22.0	71.3	60.5	31 800	44 800	63 100	78 400 *	22.0
24.0	69.3	59.8	25 600	37 300	53 800	69 400 *	24.0
26.0	67.3	58.9	20 400	31 100	46 200	61 800 *	26.0
28.0	65.2	58.0	16 100	25 900	39 700	55 100	28.0
30.0	63.1	57.0	12 400	21 500	34 300	48 700	30.0
32.0	61.0	55.9	9 100	17 700	29 600	43 000	32.0
34.0	58.8	54.7		14 400	25 500	38 000	34.0
36.0	56.5	53.4		11 400	21 900	33 700	36.0
38.0	54.2	52.0		8 300 *	18 400 *	29 700	38.0
40.0	51.9	50.4			15 100 *	25 600 *	40.0
42.0	49.4	48.7			12 100 *	21 700 *	42.0
44.0	46.8	46.9			9 500 *	18 200 *	44.0
46.0	44.2	44.9			7 000 *	14 900 *	46.0
48.0	41.3	42.6				12 000 *	48.0
50.0	38.4	40.2				9 300 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM						
11.0	82.8	69.5	142 000 *	158 200 *	158 200 *	11.0
12.0	81.9	69.3	127 800 *	146 200 *	158 200 *	12.0
13.0	81.0	69.1	116 100 *	132 800 *	152 100 *	13.0
14.0	80.1	69.0	104 000	121 500 *	139 000 *	14.0
15.0	79.3	68.8	92 100	111 700 *	128 100 *	15.0
16.0	78.4	68.6	82 200	103 000 *	118 400 *	16.0
18.0	76.6	68.1	66 500	88 500 *	102 300 *	18.0
20.0	74.9	67.6	54 600	75 100	89 300 *	20.0
22.0	73.1	66.9	45 200	63 500	78 500 *	22.0
24.0	71.3	66.3	37 700	54 200	69 500 *	24.0
26.0	69.5	65.5	31 500	46 500	61 900 *	26.0
28.0	67.6	64.7	26 300	40 100	55 300	28.0
30.0	65.7	63.8	21 900	34 600	49 100	30.0
32.0	63.8	62.8	18 100	29 900	43 300	32.0
34.0	61.9	61.8	14 800	25 800	38 300	34.0
36.0	59.9	60.6	11 800	22 300	34 000	36.0
38.0	57.9	59.4	8 800 *	18 900	30 200	38.0
40.0	55.9	58.1	6 000 *	15 600 *	26 300 *	40.0
42.0	53.8	56.6		12 600 *	22 800 *	42.0
44.0	51.6	55.0		9 900 *	19 600 *	44.0
46.0	49.4	53.3		7 400 *	16 700 *	46.0
48.0	47.0	51.5			13 900 *	48.0
50.0	44.6	49.5			11 100 *	50.0
52.0	42.1	47.3			8 500 *	52.0
54.0	39.4	45.0			6 200 *	54.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	133 300 *	146 800 *	146 800 *	11.6
12.0	82.6	75.5	127 900 *	144 300 *	146 800 *	12.0
13.0	81.8	75.3	116 100 *	132 800 *	146 600 *	13.0
14.0	81.0	75.2	104 400	121 500 *	139 200 *	14.0
15.0	80.2	75.0	92 500	111 700 *	128 100 *	15.0
16.0	79.4	74.8	82 600	103 100 *	118 500 *	16.0
18.0	77.8	74.4	66 800	88 600 *	102 300 *	18.0
20.0	76.2	73.9	54 900	75 500	89 300 *	20.0
22.0	74.5	73.3	45 500	63 800	78 600 *	22.0
24.0	72.9	72.7	38 000	54 500	69 600 *	24.0
26.0	71.3	72.0	31 800	46 800	61 900 *	26.0
28.0	69.6	71.3	26 500	40 400	55 400 *	28.0
30.0	67.9	70.5	22 100	34 900	49 300	30.0
32.0	66.2	69.6	18 300	30 200	43 600	32.0
34.0	64.4	68.7	15 000	26 100	38 600	34.0
36.0	62.7	67.6	12 100	22 500	34 200	36.0
38.0	60.9	66.5	9 200	19 300	30 300	38.0
40.0	59.1	65.3	6 300 *	16 000 *	26 900 *	40.0
42.0	57.2	64.1		13 000 *	23 200 *	42.0
44.0	55.3	62.7		10 300 *	20 000 *	44.0
46.0	53.4	61.2		7 800 *	17 100 *	46.0
48.0	51.4	59.6		5 500 *	14 400 *	48.0
50.0	49.3	57.9			12 000 *	50.0
52.0	47.2	56.1			9 800 *	52.0
54.0	45.0	54.1			7 600 *	54.0
56.0	42.7	52.0			5 400 *	56.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	119 900 *	119 900 *
13.0	82.4	81.5	117 800 *	117 800 *
14.0	81.7	81.3	115 100 *	115 100 *
15.0	80.9	81.2	111 200 *	112 400 *
16.0	80.2	81.0	103 600 *	109 800 *
18.0	78.7	80.6	88 400 *	101 800 *
20.0	77.3	80.1	75 600	89 100 *
22.0	75.8	79.6	63 900	78 400 *
24.0	74.3	79.1	54 500	69 400 *
26.0	72.7	78.5	46 800	61 800 *
28.0	71.2	77.8	40 400	55 200 *
30.0	69.7	77.1	34 900	49 300
32.0	68.1	76.3	30 200	43 600
34.0	66.5	75.4	26 100	38 600
36.0	65.0	74.5	22 500	34 200
38.0	63.3	73.5	19 300	30 400
40.0	61.7	72.4	16 200 *	26 900
42.0	60.0	71.3	13 100 *	23 500 *
44.0	58.3	70.0	10 400 *	20 200 *
46.0	56.6	68.7	7 900 *	17 300 *
48.0	54.8	67.3	5 600 *	14 600 *
50.0	53.0	65.8		12 100 *
52.0	51.2	64.2		9 900 *
54.0	49.3	62.5		7 800 *
56.0	47.3	60.7		5 800 *

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.7	87.6	103 100 *	103 100 *
14.0	82.3	87.5	101 700 *	101 700 *
15.0	81.6	87.3	99 300 *	99 300 *
16.0	80.9	87.2	96 900 *	96 900 *
18.0	79.5	86.8	88 500 *	92 200 *
20.0	78.2	86.4	75 800	87 500 *
22.0	76.8	85.9	64 100	78 600 *
24.0	75.4	85.4	54 700	69 400 *
26.0	74.0	84.8	47 000	61 800 *
28.0	72.6	84.2	40 500	55 200 *
30.0	71.2	83.5	35 100	49 300
32.0	69.8	82.8	30 300	43 700
34.0	68.3	82.0	26 200	38 700
36.0	66.9	81.2	22 600	34 300
38.0	65.4	80.3	19 400	30 500
40.0	63.9	79.3	16 400 *	27 000
42.0	62.4	78.3	13 300 *	23 700 *
44.0	60.8	77.1	10 600 *	20 400 *
46.0	59.3	76.0	8 100 *	17 500 *
48.0	57.7	74.7	5 800 *	14 800 *
50.0	56.1	73.4		12 300 *
52.0	54.4	72.0		10 000 *
54.0	52.8	70.5		7 900 *
56.0	51.0	68.9		6 000 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

51.8m (170 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	76 200 *
15.0	82.2	93.5	74 500 *
16.0	81.5	93.4	72 700 *
18.0	80.3	93.0	69 100 *
20.0	79.0	92.6	65 600 *
22.0	77.7	92.2	62 100 *
24.0	76.4	91.7	58 700 *
26.0	75.1	91.2	55 300 *
28.0	73.8	90.6	52 000 *
30.0	72.5	90.0	48 700
32.0	71.2	89.3	43 600
34.0	69.8	88.6	38 600
36.0	68.5	87.8	34 200
38.0	67.1	87.0	30 300
40.0	65.8	86.1	26 900
42.0	64.4	85.1	23 700
44.0	63.0	84.1	20 400 *
46.0	61.5	83.0	17 400 *
48.0	60.1	81.9	14 700 *
50.0	58.6	80.7	12 200 *
52.0	57.1	79.4	10 000 *
54.0	55.6	78.0	7 800 *
56.0	54.1	76.6	5 900 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	184 300 *	203 600 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	182 600 *	201 600 *	217 100 *	217 700 *	8.0
8.5	82.0	45.2	170 700 *	188 700 *	212 900 *	217 700 *	8.5
9.0	81.3	45.1	160 000 *	177 100 *	201 900 *	217 700 *	9.0
10.0	79.9	44.9	141 600 *	157 300 *	178 700 *	203 500 *	10.0
11.0	78.5	44.7	121 200	141 000 *	160 500 *	182 500 *	11.0
12.0	77.2	44.5	103 100	127 200 *	145 200 *	165 400 *	12.0
13.0	75.8	44.2	88 800	114 400	132 100 *	150 900 *	13.0
14.0	74.4	43.9	77 200	100 100	120 800 *	138 300 *	14.0
15.0	73.0	43.6	67 700	88 600	110 900 *	127 300 *	15.0
16.0	71.5	43.2	59 600	78 800	102 200 *	117 600 *	16.0
18.0	68.7	42.5	46 800	63 400	86 600	101 400 *	18.0
20.0	65.7	41.6	37 200	51 800	72 300	88 400 *	20.0
22.0	62.7	40.6	29 600	42 600	60 800	77 600 *	22.0
24.0	59.6	39.4	23 400	35 200	51 700	67 800 *	24.0
26.0	56.4	38.1	18 400	29 100	44 200	57 900 *	26.0
28.0	53.1	36.6	14 200	24 000	37 900	49 500 *	28.0
30.0	49.6	35.0	10 400	19 700	32 500	42 200 *	30.0
32.0	45.9	33.1	6 800 *	16 000	27 900	35 900 *	32.0
34.0	41.9	30.9		12 600 *	23 800	30 300 *	34.0
36.0	37.6	28.4		9 200 *	19 800 *	25 300 *	36.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	170 000 *	187 900 *	212 700 *	217 700 *	8.5
9.0	82.4	51.3	160 300 *	177 400 *	201 100 *	217 700 *	9.0
10.0	81.2	51.1	142 000 *	157 500 *	178 900 *	203 700 *	10.0
11.0	80.0	50.9	122 300	141 200 *	160 700 *	182 700 *	11.0
12.0	78.8	50.7	104 100	127 400 *	145 400 *	165 700 *	12.0
13.0	77.6	50.5	89 800	115 200	132 400 *	151 100 *	13.0
14.0	76.4	50.2	78 200	101 100	121 100 *	138 600 *	14.0
15.0	75.2	50.0	68 600	89 500	111 300 *	127 700 *	15.0
16.0	73.9	49.7	60 500	79 700	102 600 *	118 000 *	16.0
18.0	71.5	49.0	47 700	64 300	87 400	101 800 *	18.0
20.0	68.9	48.2	38 000	52 600	73 100	88 800 *	20.0
22.0	66.4	47.4	30 400	43 400	61 700	78 100 *	22.0
24.0	63.8	46.4	24 300	36 000	52 500	69 100 *	24.0
26.0	61.1	45.3	19 200	29 900	44 900	61 400	26.0
28.0	58.3	44.1	15 000	24 800	38 600	54 100	28.0
30.0	55.5	42.7	11 400	20 500	33 300	46 600 *	30.0
32.0	52.6	41.2	7 800 *	16 800	28 700	40 000 *	32.0
34.0	49.5	39.5		13 500	24 600	34 300 *	34.0
36.0	46.3	37.7		10 200 *	20 900 *	29 200 *	36.0
38.0	42.9	35.6		7 200 *	17 300 *	24 600 *	38.0
40.0	39.2	33.2			14 000 *	20 500 *	40.0
42.0	35.2	30.4			11 100 *	16 700 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	145 100 *	161 000 *	182 900 *	207 600 *	9.8
10.0	82.2	57.3	141 100 *	156 700 *	178 100 *	202 200 *	10.0
11.0	81.1	57.1	122 600	140 200 *	159 800 *	181 700 *	11.0
12.0	80.1	56.9	104 300	126 400 *	144 400 *	164 700 *	12.0
13.0	79.0	56.7	89 900	114 400	131 400 *	150 200 *	13.0
14.0	77.9	56.5	78 200	101 100	120 100 *	137 600 *	14.0
15.0	76.8	56.3	68 500	89 400	110 300 *	126 700 *	15.0
16.0	75.8	56.0	60 400	79 600	101 600 *	117 000 *	16.0
18.0	73.6	55.4	47 400	64 000	86 900	100 900 *	18.0
20.0	71.4	54.8	37 700	52 300	72 700	87 900 *	20.0
22.0	69.2	54.0	30 000	43 000	61 300	77 100 *	22.0
24.0	66.9	53.2	23 800	35 600	52 000	68 100 *	24.0
26.0	64.6	52.2	18 700	29 400	44 400	60 500 *	26.0
28.0	62.2	51.2	14 500	24 300	38 100	53 700	28.0
30.0	59.8	50.0	10 700	19 900	32 700	47 100	30.0
32.0	57.3	48.8	7 000 *	16 200	28 000	41 400	32.0
34.0	54.8	47.4		12 700 *	23 900	36 000 *	34.0
36.0	52.2	45.8		9 300 *	20 000 *	30 700 *	36.0
38.0	49.4	44.1		6 300 *	16 300 *	26 000 *	38.0
40.0	46.6	42.3			13 100 *	21 800 *	40.0
42.0	43.6	40.2			10 200 *	18 000 *	42.0
44.0	40.4	37.9			7 500 *	14 500 *	44.0
46.0	37.0	35.4				11 300 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	135 400 *	150 400 *	171 000 *	194 400 *	10.4
11.0	82.0	63.3	123 700	140 300 *	159 900 *	181 900 *	11.0
12.0	81.1	63.1	105 300	126 600 *	144 600 *	164 900 *	12.0
13.0	80.1	62.9	90 800	114 700	131 500 *	150 400 *	13.0
14.0	79.1	62.8	79 000	101 900	120 300 *	137 800 *	14.0
15.0	78.2	62.5	69 300	90 200	110 500 *	126 900 *	15.0
16.0	77.2	62.3	61 100	80 300	101 800 *	117 200 *	16.0
18.0	75.3	61.8	48 100	64 700	87 300 *	101 100 *	18.0
20.0	73.3	61.2	38 300	52 900	73 400	88 000 *	20.0
22.0	71.3	60.5	30 600	43 600	61 800	77 300 *	22.0
24.0	69.3	59.8	24 400	36 100	52 600	68 400 *	24.0
26.0	67.3	58.9	19 200	29 900	45 000	60 700 *	26.0
28.0	65.2	58.0	15 000	24 800	38 600	54 000	28.0
30.0	63.1	57.0	11 300	20 400	33 100	47 500	30.0
32.0	61.0	55.9	7 600 *	16 600	28 500	41 900	32.0
34.0	58.8	54.7		13 300	24 400	36 900	34.0
36.0	56.5	53.4		9 900 *	20 600 *	32 500	36.0
38.0	54.2	52.0		6 900 *	16 900 *	28 300 *	38.0
40.0	51.9	50.4			13 700 *	24 200 *	40.0
42.0	49.4	48.7			10 700 *	20 300 *	42.0
44.0	46.8	46.9			8 000 *	16 800 *	44.0
46.0	44.2	44.9				13 600 *	46.0
48.0	41.3	42.6				10 600 *	48.0
50.0	38.4	40.2				7 900 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM						
11.0	82.8	69.5	140 700 *	156 800 *	156 800 *	11.0
12.0	81.9	69.3	126 600 *	145 000 *	156 800 *	12.0
13.0	81.0	69.1	114 900	131 600 *	151 000 *	13.0
14.0	80.1	69.0	102 500	120 400 *	137 900 *	14.0
15.0	79.3	68.8	90 800	110 600 *	126 900 *	15.0
16.0	78.4	68.6	80 900	101 900 *	117 300 *	16.0
18.0	76.6	68.1	65 200	87 400 *	101 200 *	18.0
20.0	74.9	67.6	53 400	73 900	88 200 *	20.0
22.0	73.1	66.9	44 000	62 300	77 500 *	22.0
24.0	71.3	66.3	36 500	53 000	68 500 *	24.0
26.0	69.5	65.5	30 400	45 400	60 900 *	26.0
28.0	67.6	64.7	25 200	39 000	54 200	28.0
30.0	65.7	63.8	20 800	33 600	48 000	30.0
32.0	63.8	62.8	17 000	28 900	42 200	32.0
34.0	61.9	61.8	13 700	24 800	37 300	34.0
36.0	59.9	60.6	10 500 *	21 100	32 900	36.0
38.0	57.9	59.4	7 400 *	17 500 *	28 900	38.0
40.0	55.9	58.1		14 200 *	25 000 *	40.0
42.0	53.8	56.6		11 200 *	21 500 *	42.0
44.0	51.6	55.0		8 500 *	18 300 *	44.0
46.0	49.4	53.3		6 100 *	15 400 *	46.0
48.0	47.0	51.5			12 600 *	48.0
50.0	44.6	49.5			9 800 *	50.0
52.0	42.1	47.3			7 300 *	52.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	132 100 *	145 100 *	145 100 *	11.6
12.0	82.6	75.5	126 800 *	143 000 *	145 100 *	12.0
13.0	81.8	75.3	115 000 *	131 700 *	145 100 *	13.0
14.0	81.0	75.2	103 000	120 400 *	137 900 *	14.0
15.0	80.2	75.0	91 200	110 600 *	127 000 *	15.0
16.0	79.4	74.8	81 300	102 000 *	117 400 *	16.0
18.0	77.8	74.4	65 600	87 500 *	101 300 *	18.0
20.0	76.2	73.9	53 700	74 300	88 300 *	20.0
22.0	74.5	73.3	44 400	62 600	77 600 *	22.0
24.0	72.9	72.7	36 800	53 400	68 600 *	24.0
26.0	71.3	72.0	30 700	45 700	60 900 *	26.0
28.0	69.6	71.3	25 500	39 300	54 400	28.0
30.0	67.9	70.5	21 000	33 800	48 300	30.0
32.0	66.2	69.6	17 300	29 100	42 500	32.0
34.0	64.4	68.7	13 900	25 100	37 500	34.0
36.0	62.7	67.6	10 900	21 500	33 200	36.0
38.0	60.9	66.5	7 900 *	18 000	29 300	38.0
40.0	59.1	65.3		14 700 *	25 500 *	40.0
42.0	57.2	64.1		11 700 *	21 900 *	42.0
44.0	55.3	62.7		9 000 *	18 800 *	44.0
46.0	53.4	61.2		6 500 *	15 800 *	46.0
48.0	51.4	59.6			13 200 *	48.0
50.0	49.3	57.9			10 800 *	50.0
52.0	47.2	56.1			8 500 *	52.0
54.0	45.0	54.1			6 400 *	54.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	118 900 *	118 900 *
13.0	82.4	81.5	116 700 *	116 700 *
14.0	81.7	81.3	114 000 *	114 000 *
15.0	80.9	81.2	110 200 *	111 400 *
16.0	80.2	81.0	102 500 *	108 800 *
18.0	78.7	80.6	87 400 *	100 800 *
20.0	77.3	80.1	74 400	88 100 *
22.0	75.8	79.6	62 800	77 400 *
24.0	74.3	79.1	53 500	68 400 *
26.0	72.7	78.5	45 800	60 900 *
28.0	71.2	77.8	39 400	54 300 *
30.0	69.7	77.1	33 900	48 300
32.0	68.1	76.3	29 200	42 600
34.0	66.5	75.4	25 100	37 600
36.0	65.0	74.5	21 500	33 200
38.0	63.3	73.5	18 200	29 400
40.0	61.7	72.4	14 900 *	25 800 *
42.0	60.0	71.3	11 900 *	22 200 *
44.0	58.3	70.0	9 100 *	19 000 *
46.0	56.6	68.7	6 700 *	16 000 *
48.0	54.8	67.3		13 300 *
50.0	53.0	65.8		10 900 *
52.0	51.2	64.2		8 600 *
54.0	49.3	62.5		6 600 *

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
13.4	82.7	87.6	102 000 *
14.0	82.3	87.5	100 600 *
15.0	81.6	87.3	98 200 *
16.0	80.9	87.2	95 800 *
18.0	79.5	86.8	91 200 *
20.0	78.2	86.4	86 400 *
22.0	76.8	85.9	77 700 *
24.0	75.4	85.4	68 400 *
26.0	74.0	84.8	60 800 *
28.0	72.6	84.2	54 200 *
30.0	71.2	83.5	48 400
32.0	69.8	82.8	42 700
34.0	68.3	82.0	37 800
36.0	66.9	81.2	33 400
38.0	65.4	80.3	29 500
40.0	63.9	79.3	26 000
42.0	62.4	78.3	22 500 *
44.0	60.8	77.1	19 200 *
46.0	59.3	76.0	16 300 *
48.0	57.7	74.7	13 600 *
50.0	56.1	73.4	11 100 *
52.0	54.4	72.0	8 900 *
54.0	52.8	70.5	6 800 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

54.9m (180 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	75 200 *
15.0	82.2	93.5	73 400 *
16.0	81.5	93.4	71 700 *
18.0	80.3	93.0	68 100 *
20.0	79.0	92.6	64 600 *
22.0	77.7	92.2	61 100 *
24.0	76.4	91.7	57 600 *
26.0	75.1	91.2	54 300 *
28.0	73.8	90.6	51 000 *
30.0	72.5	90.0	47 700
32.0	71.2	89.3	42 600
34.0	69.8	88.6	37 600
36.0	68.5	87.8	33 200
38.0	67.1	87.0	29 400
40.0	65.8	86.1	25 900
42.0	64.4	85.1	22 500 *
44.0	63.0	84.1	19 200 *
46.0	61.5	83.0	16 200 *
48.0	60.1	81.9	13 600 *
50.0	58.6	80.7	11 000 *
52.0	57.1	79.4	8 800 *
54.0	55.6	78.0	6 700 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	182 900 *	202 100 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	181 100 *	200 200 *	216 900 *	217 700 *	8.0
8.5	82.0	45.2	169 200 *	187 300 *	211 600 *	217 700 *	8.5
9.0	81.3	45.1	158 600 *	175 700 *	200 300 *	217 700 *	9.0
10.0	79.9	44.9	140 000 *	155 900 *	177 300 *	202 000 *	10.0
11.0	78.5	44.7	119 300	139 600 *	159 200 *	181 200 *	11.0
12.0	77.2	44.5	101 300	125 800 *	143 900 *	164 100 *	12.0
13.0	75.8	44.2	87 100	112 700	130 800 *	149 600 *	13.0
14.0	74.4	43.9	75 600	98 500	119 500 *	137 000 *	14.0
15.0	73.0	43.6	66 100	87 000	109 700 *	126 100 *	15.0
16.0	71.5	43.2	58 100	77 300	101 000 *	116 400 *	16.0
18.0	68.7	42.5	45 400	62 000	85 300	100 200 *	18.0
20.0	65.7	41.6	35 800	50 400	70 900	87 200 *	20.0
22.0	62.7	40.6	28 200	41 200	59 500	76 500 *	22.0
24.0	59.6	39.4	22 200	33 900	50 400	66 300 *	24.0
26.0	56.4	38.1	17 200	27 900	42 900	56 300 *	26.0
28.0	53.1	36.6	12 900	22 800	36 600	47 900 *	28.0
30.0	49.6	35.0	8 900 *	18 500	31 300	40 700 *	30.0
32.0	45.9	33.1	5 300 *	14 800	26 700	34 300 *	32.0
34.0	41.9	30.9		11 000 *	22 300 *	28 800 *	34.0
36.0	37.6	28.4		7 700 *	18 300 *	23 800 *	36.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	168 600 *	186 500 *	211 400 *	217 700 *	8.5
9.0	82.4	51.3	159 000 *	176 000 *	199 700 *	217 700 *	9.0
10.0	81.2	51.1	140 600	156 200 *	177 600 *	202 200 *	10.0
11.0	80.0	50.9	120 500	139 900 *	159 500 *	181 500 *	11.0
12.0	78.8	50.7	102 400	126 200 *	144 200 *	164 400 *	12.0
13.0	77.6	50.5	88 200	113 800	131 100 *	149 900 *	13.0
14.0	76.4	50.2	76 700	99 500	119 900 *	137 400 *	14.0
15.0	75.2	50.0	67 100	88 000	110 100 *	126 500 *	15.0
16.0	73.9	49.7	59 100	78 300	101 400 *	116 800 *	16.0
18.0	71.5	49.0	46 300	62 900	86 100	100 700 *	18.0
20.0	68.9	48.2	36 700	51 300	71 800	87 700 *	20.0
22.0	66.4	47.4	29 100	42 100	60 400	77 000 *	22.0
24.0	63.8	46.4	23 000	34 800	51 300	68 000 *	24.0
26.0	61.1	45.3	18 000	28 700	43 800	60 400 *	26.0
28.0	58.3	44.1	13 800	23 700	37 500	52 700 *	28.0
30.0	55.5	42.7	10 000	19 400	32 100	45 100 *	30.0
32.0	52.6	41.2	6 400 *	15 700	27 500	38 600 *	32.0
34.0	49.5	39.5		12 100 *	23 500	32 900 *	34.0
36.0	46.3	37.7		8 800 *	19 400 *	27 800 *	36.0
38.0	42.9	35.6		5 800 *	15 900 *	23 200 *	38.0
40.0	39.2	33.2			12 700 *	19 100 *	40.0
42.0	35.2	30.4			9 800 *	15 400 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	143 900 *	159 800 *	181 700 *	206 300 *	9.8
10.0	82.2	57.3	139 900 *	155 400 *	176 800 *	200 900 *	10.0
11.0	81.1	57.1	120 900	138 900 *	158 500 *	180 500 *	11.0
12.0	80.1	56.9	102 700	125 200 *	143 200 *	163 500 *	12.0
13.0	79.0	56.7	88 400	113 200	130 200 *	149 000 *	13.0
14.0	77.9	56.5	76 700	99 600	119 000 *	136 500 *	14.0
15.0	76.8	56.3	67 100	88 000	109 200 *	125 600 *	15.0
16.0	75.8	56.0	59 000	78 200	100 500 *	115 900 *	16.0
18.0	73.6	55.4	46 200	62 800	85 700	99 800 *	18.0
20.0	71.4	54.8	36 500	51 000	71 500	86 800 *	20.0
22.0	69.2	54.0	28 800	41 800	60 100	76 100 *	22.0
24.0	66.9	53.2	22 700	34 400	50 900	67 100 *	24.0
26.0	64.6	52.2	17 600	28 300	43 400	59 500	26.0
28.0	62.2	51.2	13 300	23 200	37 000	52 600	28.0
30.0	59.8	50.0	9 300 *	18 900	31 600	46 000	30.0
32.0	57.3	48.8	5 600 *	15 100	27 000	40 300	32.0
34.0	54.8	47.4		11 300 *	22 700 *	34 600 *	34.0
36.0	52.2	45.8		8 000 *	18 600 *	29 300 *	36.0
38.0	49.4	44.1		4 900 *	15 000 *	24 700 *	38.0
40.0	46.6	42.3			11 800 *	20 500 *	40.0
42.0	43.6	40.2			8 900 *	16 700 *	42.0
44.0	40.4	37.9			6 300 *	13 200 *	44.0
46.0	37.0	35.4				10 000 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	134 200 *	149 100 *	169 900 *	193 100 *	10.4
11.0	82.0	63.3	122 000	139 200 *	158 700 *	180 700 *	11.0
12.0	81.1	63.1	103 700	125 400 *	143 400 *	163 700 *	12.0
13.0	80.1	62.9	89 300	113 500	130 400 *	149 200 *	13.0
14.0	79.1	62.8	77 600	100 500	119 200 *	136 700 *	14.0
15.0	78.2	62.5	68 000	88 900	109 400 *	125 800 *	15.0
16.0	77.2	62.3	59 800	79 000	100 700 *	116 200 *	16.0
18.0	75.3	61.8	46 900	63 500	86 300	100 000 *	18.0
20.0	73.3	61.2	37 100	51 700	72 200	87 100 *	20.0
22.0	71.3	60.5	29 500	42 400	60 700	76 300 *	22.0
24.0	69.3	59.8	23 300	35 000	51 500	67 400 *	24.0
26.0	67.3	58.9	18 200	28 900	43 900	59 800 *	26.0
28.0	65.2	58.0	13 900	23 700	37 500	53 000	28.0
30.0	63.1	57.0	10 100	19 300	32 100	46 500	30.0
32.0	61.0	55.9	6 300 *	15 600	27 500	40 800	32.0
34.0	58.8	54.7		12 100 *	23 400	35 900	34.0
36.0	56.5	53.4		8 600 *	19 300 *	31 400 *	36.0
38.0	54.2	52.0		5 600 *	15 700 *	27 100 *	38.0
40.0	51.9	50.4			12 400 *	23 000 *	40.0
42.0	49.4	48.7			9 500 *	19 100 *	42.0
44.0	46.8	46.9			6 800 *	15 600 *	44.0
46.0	44.2	44.9				12 400 *	46.0
48.0	41.3	42.6				9 400 *	48.0
50.0	38.4	40.2				6 700 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM						
11.0	82.8	69.5	139 600 *	155 600 *	155 600 *	11.0
12.0	81.9	69.3	125 500 *	143 900 *	155 600 *	12.0
13.0	81.0	69.1	113 800	130 500 *	149 900 *	13.0
14.0	80.1	69.0	101 200	119 300 *	136 800 *	14.0
15.0	79.3	68.8	89 400	109 500 *	125 900 *	15.0
16.0	78.4	68.6	79 600	100 900 *	116 300 *	16.0
18.0	76.6	68.1	64 000	86 400 *	100 200 *	18.0
20.0	74.9	67.6	52 200	72 700	87 200 *	20.0
22.0	73.1	66.9	42 900	61 200	76 500 *	22.0
24.0	71.3	66.3	35 500	52 000	67 500 *	24.0
26.0	69.5	65.5	29 300	44 400	60 000 *	26.0
28.0	67.6	64.7	24 200	38 000	53 300	28.0
30.0	65.7	63.8	19 800	32 600	47 000	30.0
32.0	63.8	62.8	16 000	27 900	41 200	32.0
34.0	61.9	61.8	12 700	23 800	36 300	34.0
36.0	59.9	60.6	9 300 *	20 000 *	31 900	36.0
38.0	57.9	59.4	6 200 *	16 300 *	27 700 *	38.0
40.0	55.9	58.1		13 000 *	23 800 *	40.0
42.0	53.8	56.6		10 100 *	20 300 *	42.0
44.0	51.6	55.0		7 400 *	17 100 *	44.0
46.0	49.4	53.3			14 200 *	46.0
48.0	47.0	51.5			11 400 *	48.0
50.0	44.6	49.5			8 600 *	50.0
52.0	42.1	47.3			6 100 *	52.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	131 000 *	143 600 *	143 600 *	11.6
12.0	82.6	75.5	125 600 *	141 800 *	143 600 *	12.0
13.0	81.8	75.3	113 900 *	130 600 *	143 600 *	13.0
14.0	81.0	75.2	101 700	119 400 *	136 900 *	14.0
15.0	80.2	75.0	89 900	109 600 *	126 000 *	15.0
16.0	79.4	74.8	80 100	101 000 *	116 300 *	16.0
18.0	77.8	74.4	64 400	86 500 *	100 300 *	18.0
20.0	76.2	73.9	52 600	73 100	87 300 *	20.0
22.0	74.5	73.3	43 300	61 600	76 600 *	22.0
24.0	72.9	72.7	35 800	52 300	67 700 *	24.0
26.0	71.3	72.0	29 700	44 700	60 000 *	26.0
28.0	69.6	71.3	24 500	38 300	53 500	28.0
30.0	67.9	70.5	20 100	32 900	47 300	30.0
32.0	66.2	69.6	16 300	28 200	41 600	32.0
34.0	64.4	68.7	13 000	24 100	36 600	34.0
36.0	62.7	67.6	9 800 *	20 500	32 300	36.0
38.0	60.9	66.5	6 700 *	16 800 *	28 300	38.0
40.0	59.1	65.3		13 500 *	24 300 *	40.0
42.0	57.2	64.1		10 600 *	20 800 *	42.0
44.0	55.3	62.7		7 900 *	17 600 *	44.0
46.0	53.4	61.2			14 700 *	46.0
48.0	51.4	59.6			12 100 *	48.0
50.0	49.3	57.9			9 600 *	50.0
52.0	47.2	56.1			7 400 *	52.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	117 900 *	117 900 *
13.0	82.4	81.5	115 800 *	115 800 *
14.0	81.7	81.3	113 100 *	113 100 *
15.0	80.9	81.2	109 200 *	110 500 *
16.0	80.2	81.0	101 500 *	107 800 *
18.0	78.7	80.6	86 400 *	99 900 *
20.0	77.3	80.1	73 300	87 200 *
22.0	75.8	79.6	61 800	76 500 *
24.0	74.3	79.1	52 500	67 600 *
26.0	72.7	78.5	44 800	60 000 *
28.0	71.2	77.8	38 400	53 400 *
30.0	69.7	77.1	33 000	47 400
32.0	68.1	76.3	28 300	41 700
34.0	66.5	75.4	24 300	36 700
36.0	65.0	74.5	20 700	32 400
38.0	63.3	73.5	17 100 *	28 600
40.0	61.7	72.4	13 800 *	24 600 *
42.0	60.0	71.3	10 800 *	21 100 *
44.0	58.3	70.0	8 100 *	17 900 *
46.0	56.6	68.7		14 900 *
48.0	54.8	67.3		12 300 *
50.0	53.0	65.8		9 900 *
52.0	51.2	64.2		7 600 *
54.0	49.3	62.5		5 500 *

57.9m (190 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
13.4	82.7	87.6	100 900 *
14.0	82.3	87.5	99 500 *
15.0	81.6	87.3	97 100 *
16.0	80.9	87.2	94 800 *
18.0	79.5	86.8	90 100 *
20.0	78.2	86.4	85 400 *
22.0	76.8	85.9	76 800 *
24.0	75.4	85.4	67 500 *
26.0	74.0	84.8	60 000 *
28.0	72.6	84.2	53 400 *
30.0	71.2	83.5	47 500
32.0	69.8	82.8	41 800
34.0	68.3	82.0	36 800
36.0	66.9	81.2	32 500
38.0	65.4	80.3	28 700
40.0	63.9	79.3	25 000 *
42.0	62.4	78.3	21 400 *
44.0	60.8	77.1	18 200 *
46.0	59.3	76.0	15 200 *
48.0	57.7	74.7	12 500 *
50.0	56.1	73.4	10 100 *
52.0	54.4	72.0	7 800 *
54.0	52.8	70.5	5 700 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

57.9m (190 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	74 200 *
15.0	82.2	93.5	72 500 *
16.0	81.5	93.4	70 700 *
18.0	80.3	93.0	67 100 *
20.0	79.0	92.6	63 600 *
22.0	77.7	92.2	60 100 *
24.0	76.4	91.7	56 700 *
26.0	75.1	91.2	53 400 *
28.0	73.8	90.6	50 100 *
30.0	72.5	90.0	46 800
32.0	71.2	89.3	41 700
34.0	69.8	88.6	36 800
36.0	68.5	87.8	32 400
38.0	67.1	87.0	28 600
40.0	65.8	86.1	25 100 *
42.0	64.4	85.1	21 400 *
44.0	63.0	84.1	18 200 *
46.0	61.5	83.0	15 200 *
48.0	60.1	81.9	12 500 *
50.0	58.6	80.7	10 100 *
52.0	57.1	79.4	7 800 *
54.0	55.6	78.0	5 700 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
42.7m (140 Ft.) BOOM							
7.9	82.7	45.3	181 300 *	200 500 *	217 700 *	217 700 *	7.9
8.0	82.6	45.3	179 500 *	198 600 *	216 700 *	217 700 *	8.0
8.5	82.0	45.2	167 700 *	185 700 *	210 100 *	217 700 *	8.5
9.0	81.3	45.1	157 100 *	174 200 *	198 600 *	217 700 *	9.0
10.0	79.9	44.9	138 200 *	154 500 *	175 900 *	200 300 *	10.0
11.0	78.5	44.7	117 300	138 100 *	157 700 *	179 700 *	11.0
12.0	77.2	44.5	99 400	124 400 *	142 400 *	162 700 *	12.0
13.0	75.8	44.2	85 300	110 800	129 400 *	148 100 *	13.0
14.0	74.4	43.9	73 800	96 700	118 100 *	135 600 *	14.0
15.0	73.0	43.6	64 400	85 300	108 300 *	124 700 *	15.0
16.0	71.5	43.2	56 400	75 600	99 600 *	115 000 *	16.0
18.0	68.7	42.5	43 800	60 300	83 700	98 800 *	18.0
20.0	65.7	41.6	34 200	48 800	69 300	85 900 *	20.0
22.0	62.7	40.6	26 700	39 700	58 000	75 000 *	22.0
24.0	59.6	39.4	20 700	32 400	48 900	64 400 *	24.0
26.0	56.4	38.1	15 700	26 400	41 500	54 400 *	26.0
28.0	53.1	36.6	11 300 *	21 400	35 200	46 100 *	28.0
30.0	49.6	35.0	7 100 *	17 100	29 900	38 900 *	30.0
32.0	45.9	33.1		13 000	25 000	32 600 *	32.0
34.0	41.9	30.9		9 300 *	20 500 *	27 000 *	34.0
36.0	37.6	28.4		6 000 *	16 600 *	22 100 *	36.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
48.8m (160 Ft.) BOOM							
8.5	82.9	51.3	167 100 *	185 000 *	209 900 *	217 700 *	8.5
9.0	82.4	51.3	157 500 *	174 600 *	198 200 *	217 700 *	9.0
10.0	81.2	51.1	139 000	154 700 *	176 100 *	200 600 *	10.0
11.0	80.0	50.9	118 600	138 500 *	158 000 *	180 100 *	11.0
12.0	78.8	50.7	100 600	124 800 *	142 800 *	163 100 *	12.0
13.0	77.6	50.5	86 500	112 000	129 800 *	148 600 *	13.0
14.0	76.4	50.2	75 000	97 900	118 600 *	136 000 *	14.0
15.0	75.2	50.0	65 500	86 400	108 700 *	125 100 *	15.0
16.0	73.9	49.7	57 500	76 700	100 100 *	115 500 *	16.0
18.0	71.5	49.0	44 800	61 400	84 600	99 400 *	18.0
20.0	68.9	48.2	35 200	49 800	70 300	86 400 *	20.0
22.0	66.4	47.4	27 700	40 700	59 000	75 700 *	22.0
24.0	63.8	46.4	21 600	33 400	49 900	66 800 *	24.0
26.0	61.1	45.3	16 700	27 400	42 400	59 100 *	26.0
28.0	58.3	44.1	12 400	22 300	36 100	51 000 *	28.0
30.0	55.5	42.7	8 300 *	18 000	30 800	43 400 *	30.0
32.0	52.6	41.2	4 700 *	14 200	26 200	36 900 *	32.0
34.0	49.5	39.5		10 500 *	21 800 *	31 200 *	34.0
36.0	46.3	37.7		7 100 *	17 800 *	26 100 *	36.0
38.0	42.9	35.6			14 200 *	21 600 *	38.0
40.0	39.2	33.2			11 000 *	17 500 *	40.0
42.0	35.2	30.4			8 200 *	13 800 *	42.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib
168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
54.9m (180 Ft.) BOOM							
9.8	82.4	57.3	142 500 *	158 300 *	180 300 *	204 900 *	9.8
10.0	82.2	57.3	138 500 *	154 000 *	175 400 *	199 500 *	10.0
11.0	81.1	57.1	119 100	137 600 *	157 200 *	179 200 *	11.0
12.0	80.1	56.9	100 900	123 900 *	141 900 *	162 200 *	12.0
13.0	79.0	56.7	86 700	111 800	128 900 *	147 700 *	13.0
14.0	77.9	56.5	75 100	98 000	117 700 *	135 200 *	14.0
15.0	76.8	56.3	65 600	86 400	107 900 *	124 300 *	15.0
16.0	75.8	56.0	57 500	76 700	99 300 *	114 700 *	16.0
18.0	73.6	55.4	44 700	61 300	84 300	98 500 *	18.0
20.0	71.4	54.8	35 100	49 600	70 100	85 600 *	20.0
22.0	69.2	54.0	27 400	40 400	58 700	74 900 *	22.0
24.0	66.9	53.2	21 300	33 100	49 600	65 900 *	24.0
26.0	64.6	52.2	16 300	27 000	42 000	58 300	26.0
28.0	62.2	51.2	12 000	21 900	35 700	51 400	28.0
30.0	59.8	50.0	7 700 *	17 600	30 400	44 700	30.0
32.0	57.3	48.8		13 600	25 700	38 900	32.0
34.0	54.8	47.4		9 800 *	21 100 *	33 000 *	34.0
36.0	52.2	45.8		6 400 *	17 000 *	27 800 *	36.0
38.0	49.4	44.1			13 500 *	23 100 *	38.0
40.0	46.6	42.3			10 300 *	18 900 *	40.0
42.0	43.6	40.2			7 400 *	15 200 *	42.0
44.0	40.4	37.9			4 700 *	11 700 *	44.0
46.0	37.0	35.4				8 500 *	46.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
61.0m (200 Ft.) BOOM							
10.4	82.6	63.4	132 900 *	147 800 *	168 500 *	191 800 *	10.4
11.0	82.0	63.3	120 300	137 800 *	157 400 *	179 400 *	11.0
12.0	81.1	63.1	102 000	124 100 *	142 200 *	162 400 *	12.0
13.0	80.1	62.9	87 700	112 200	129 200 *	147 900 *	13.0
14.0	79.1	62.8	76 100	99 000	118 000 *	135 500 *	14.0
15.0	78.2	62.5	66 500	87 300	108 200 *	124 500 *	15.0
16.0	77.2	62.3	58 400	77 500	99 500 *	114 900 *	16.0
18.0	75.3	61.8	45 500	62 100	85 000	98 800 *	18.0
20.0	73.3	61.2	35 800	50 400	70 800	85 900 *	20.0
22.0	71.3	60.5	28 200	41 100	59 400	75 200 *	22.0
24.0	69.3	59.8	22 000	33 700	50 200	66 200 *	24.0
26.0	67.3	58.9	16 900	27 600	42 700	58 600 *	26.0
28.0	65.2	58.0	12 600	22 500	36 300	51 900	28.0
30.0	63.1	57.0	8 500 *	18 200	30 900	45 300	30.0
32.0	61.0	55.9	4 800 *	14 400	26 300	39 600	32.0
34.0	58.8	54.7		10 600 *	21 900 *	34 700	34.0
36.0	56.5	53.4		7 100 *	17 800 *	29 900 *	36.0
38.0	54.2	52.0			14 200 *	25 600 *	38.0
40.0	51.9	50.4			11 000 *	21 600 *	40.0
42.0	49.4	48.7			8 000 *	17 700 *	42.0
44.0	46.8	46.9			5 400 *	14 100 *	44.0
46.0	44.2	44.9				11 000 *	46.0
48.0	41.3	42.6				8 000 *	48.0
50.0	38.4	40.2				5 300 *	50.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
67.1m (220 Ft.) BOOM						
11.0	82.8	69.5	138 300 *	154 100 *	154 100 *	11.0
12.0	81.9	69.3	124 200 *	142 700 *	154 100 *	12.0
13.0	81.0	69.1	112 500	129 300 *	148 700 *	13.0
14.0	80.1	69.0	99 700	118 100 *	135 600 *	14.0
15.0	79.3	68.8	88 000	108 300 *	124 700 *	15.0
16.0	78.4	68.6	78 200	99 700 *	115 100 *	16.0
18.0	76.6	68.1	62 700	85 300 *	99 000 *	18.0
20.0	74.9	67.6	50 900	71 400	86 100 *	20.0
22.0	73.1	66.9	41 700	60 000	75 400 *	22.0
24.0	71.3	66.3	34 200	50 700	66 500 *	24.0
26.0	69.5	65.5	28 100	43 200	58 900 *	26.0
28.0	67.6	64.7	23 000	36 800	52 200	28.0
30.0	65.7	63.8	18 600	31 400	45 800	30.0
32.0	63.8	62.8	14 900	26 800	40 100	32.0
34.0	61.9	61.8	11 300 *	22 600	35 200	34.0
36.0	59.9	60.6	7 800 *	18 500 *	30 600 *	36.0
38.0	57.9	59.4	4 800 *	14 900 *	26 300 *	38.0
40.0	55.9	58.1		11 600 *	22 400 *	40.0
42.0	53.8	56.6		8 700 *	18 900 *	42.0
44.0	51.6	55.0		6 000 *	15 800 *	44.0
46.0	49.4	53.3			12 800 *	46.0
48.0	47.0	51.5			10 000 *	48.0
50.0	44.6	49.5			7 300 *	50.0



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	24 950 kg Wheeled Counterweight Boom Capacity Kilograms	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms	Boom Oper. Rad. Meters
73.2m (240 Ft.) BOOM						
11.6	82.9	75.5	129 800 *	141 700 *	141 700 *	11.6
12.0	82.6	75.5	124 400 *	140 300 *	141 700 *	12.0
13.0	81.8	75.3	112 600	129 400 *	141 700 *	13.0
14.0	81.0	75.2	100 200	118 200 *	135 700 *	14.0
15.0	80.2	75.0	88 500	108 400 *	124 800 *	15.0
16.0	79.4	74.8	78 700	99 800 *	115 200 *	16.0
18.0	77.8	74.4	63 100	85 400 *	99 200 *	18.0
20.0	76.2	73.9	51 300	71 900	86 200 *	20.0
22.0	74.5	73.3	42 100	60 400	75 500 *	22.0
24.0	72.9	72.7	34 600	51 100	66 600 *	24.0
26.0	71.3	72.0	28 500	43 500	59 000 *	26.0
28.0	69.6	71.3	23 400	37 200	52 400	28.0
30.0	67.9	70.5	19 000	31 700	46 200	30.0
32.0	66.2	69.6	15 200	27 100	40 500	32.0
34.0	64.4	68.7	11 900	23 100	35 500	34.0
36.0	62.7	67.6	8 400 *	19 200 *	31 100	36.0
38.0	60.9	66.5	5 300 *	15 500 *	26 900 *	38.0
40.0	59.1	65.3		12 100 *	23 000 *	40.0
42.0	57.2	64.1		9 200 *	19 500 *	42.0
44.0	55.3	62.7		6 500 *	16 300 *	44.0
46.0	53.4	61.2			13 400 *	46.0
48.0	51.4	59.6			10 800 *	48.0
50.0	49.3	57.9			8 300 *	50.0
52.0	47.2	56.1			6 100 *	52.0

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	61 230 kg Wheeled Counterweight Boom Capacity Kilograms	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
79.2m (260 Ft.) BOOM				
12.2	83.0	81.6	116 800 *	116 800 *
13.0	82.4	81.5	114 700 *	114 700 *
14.0	81.7	81.3	112 000 *	112 000 *
15.0	80.9	81.2	108 100 *	109 400 *
16.0	80.2	81.0	100 300 *	106 800 *
18.0	78.7	80.6	85 300 *	98 800 *
20.0	77.3	80.1	72 100	86 100 *
22.0	75.8	79.6	60 600	75 400 *
24.0	74.3	79.1	51 300	66 500 *
26.0	72.7	78.5	43 700	59 000 *
28.0	71.2	77.8	37 300	52 400
30.0	69.7	77.1	31 900	46 400
32.0	68.1	76.3	27 300	40 600
34.0	66.5	75.4	23 200	35 700
36.0	65.0	74.5	19 500	31 400
38.0	63.3	73.5	15 800 *	27 200
40.0	61.7	72.4	12 500 *	23 300 *
42.0	60.0	71.3	9 500 *	19 800 *
44.0	58.3	70.0	6 800 *	16 600 *
46.0	56.6	68.7		13 700 *
48.0	54.8	67.3		11 000 *
50.0	53.0	65.8		8 500 *
52.0	51.2	64.2		6 300 *

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
13.4	82.7	87.6	99 700 *
14.0	82.3	87.5	98 300 *
15.0	81.6	87.3	95 900 *
16.0	80.9	87.2	93 600 *
18.0	79.5	86.8	88 900 *
20.0	78.2	86.4	84 200 *
22.0	76.8	85.9	75 700 *
24.0	75.4	85.4	66 500 *
26.0	74.0	84.8	59 000 *
28.0	72.6	84.2	52 400 *
30.0	71.2	83.5	46 500
32.0	69.8	82.8	40 800
34.0	68.3	82.0	35 900
36.0	66.9	81.2	31 500
38.0	65.4	80.3	27 600
40.0	63.9	79.3	23 700 *
42.0	62.4	78.3	20 100 *
44.0	60.8	77.1	16 900 *
46.0	59.3	76.0	14 000 *
48.0	57.7	74.7	11 300 *
50.0	56.1	73.4	8 800 *
52.0	54.4	72.0	6 600 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250 or
M-250

Boom No. 49A-44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 102 060 kg Wheeled Counterweight
360 Degree Rating

61.0m (200 Ft.) Luffing Jib 168 Degree Boom to Luffing Jib Angle

Boom Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	102 060 kg Wheeled Counterweight Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	82.8	93.7	73 100 *
15.0	82.2	93.5	71 400 *
16.0	81.5	93.4	69 600 *
18.0	80.3	93.0	66 100 *
20.0	79.0	92.6	62 500 *
22.0	77.7	92.2	59 100 *
24.0	76.4	91.7	55 700 *
26.0	75.1	91.2	52 300 *
28.0	73.8	90.6	49 000 *
30.0	72.5	90.0	45 800
32.0	71.2	89.3	40 700
34.0	69.8	88.6	35 800
36.0	68.5	87.8	31 400
38.0	67.1	87.0	27 600
40.0	65.8	86.1	23 800 *
42.0	64.4	85.1	20 200 *
44.0	63.0	84.1	16 900 *
46.0	61.5	83.0	14 000 *
48.0	60.1	81.9	11 300 *
50.0	58.6	80.7	8 800 *
52.0	57.1	79.4	6 600 *