

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

**BOOM NO. 75A
MAST NO. 75 OR NO. 75A
JIB NO. 49A-44 WITH HEAVY LIFT TOP
SET AT 20 DEGREE OFFSET
18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS
23 590 kg CRANE COUNTERWEIGHT
715 590 kg AUXILIARY COUNTERWEIGHT
360 DEGREE RATING**

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 (*).

WEIGHT OF ALL LOAD BLOCKS, HOOKS, SLINGS, HOIST LINES, ETC., BENEATH BOOM POINT SHEAVES, IS CONSIDERED PART OF MAIN BOOM LOAD. WEIGHT OF JIB AND 9 070 kg SUSPENDED BENEATH 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.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH ROLLER PATH LEVEL WITHIN A TOLERANCE OF 32 mm IN 18.3m AND PROPERLY SUPPORTED. DURING OPERATION, JIB MUST BE SET AT PROPER OFFSET ANGLE. REFER TO BOOM RIGGING NO. 173398 OR NO. 177315, JIB ASSEMBLY NO. 177023 AND WIRE ROPE SPECIFICATION CHART NO. 7683-H. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

MACHINE MAY BE OPERATED IN WINDS UP TO 13 m/s PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON THE LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 75 DEGREE BOOM ANGLE WHEN WIND EXCEEDS 13 m/s. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 22 m/s.

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 IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 18.3m RINGER ATTACHMENT, 9 373 mm CRAWLERS, 1 219 mm TREADS, 8 534 mm RETRACTABLE GANTRY, 45.7m NO. 75 MAST WITH 20 PART OR 32 PART BOOM HOIST REEVING OR NO. 75A MAST WITH 32 PART BOOM HOIST REEVING, STRAP BOOM PENDANTS, FOUR 38 mm JIB PENDANTS AND BACKSTAYS, 23 590 kg CRANE COUNTERWEIGHT AND 715 590 kg AUXILIARY COUNTERWEIGHT.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED	
BOOM LGTH.	JIB NO. 49A-44
106.7m	30.5m
91.4m	48.8m
83.8m	73.2m
LOAD BLOCKS ON GROUND AT START.	

UPPER BOOM POINT MUST BE REMOVED FROM MAIN BOOM AND UPPER JIB POINT MUST BE REMOVED FROM JIB FOR USE OF THIS CHART.

WARNING: CHECK AMOUNT OF AUXILIARY COUNTERWEIGHT ON MACHINE BEFORE USE OF THIS CHART.

CONSULT CHART NO. 7818-AM FOR JIB CAPACITIES.

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	733 300*
		18.0	79.1	48.2	733 300*
		20.0	76.5	47.8	732 200*
		22.0	73.9	47.2	694 500*
		24.0	71.3	46.5	575 500*
		26.0	68.6	45.8	493 600*
		28.0	65.9	44.9	427 900*
		30.0	63.1	43.9	374 100*
		32.0	60.2	42.8	329 200*
		34.0	57.2	41.5	290 800*
		36.0	54.1	40.1	257 700*
		38.0	50.9	38.5	228 600*
		40.0	47.6	36.7	202 700*
		42.0	44.0	34.7	179 300*
		44.0	40.2	32.4	157 900*
		46.0	36.0	29.7	138 000*
		48.0	31.4	26.6	119 100*
5 3 3	1 7 5	18.3	80.4	55.9	663 300*
		20.0	78.5	55.6	663 300*
		22.0	76.3	55.1	663 300*
		24.0	74.0	54.6	612 800*
		26.0	71.8	53.9	529 700*
		28.0	69.5	53.2	462 600*
		30.0	67.2	52.3	407 600*
		32.0	64.8	51.4	361 600*
		34.0	62.4	50.4	322 400*
		36.0	59.9	49.2	288 500*
		38.0	57.4	48.0	259 000*
		40.0	54.8	46.6	232 800*
		42.0	52.1	45.1	209 400*
		44.0	49.2	43.4	188 300*
		46.0	46.3	41.5	169 100*
		48.0	43.2	39.4	151 400*
6 1 0	2 0 0	50.0	39.9	37.1	134 900*
		52.0	36.3	34.5	119 300*
		54.0	32.5	31.4	104 400*
		19.8	80.1	63.4	597 600*
		20.0	79.9	63.4	597 600*
		22.0	78.0	63.0	595 800*
		24.0	76.1	62.5	588 300*
		26.0	74.1	61.9	531 400*
		28.0	72.2	61.3	467 700*
		30.0	70.2	60.6	415 400*
		32.0	68.1	59.8	371 500*
		34.0	66.1	58.9	333 900*
		36.0	64.0	57.9	301 400*
		38.0	61.9	56.9	272 900*
		40.0	59.7	55.7	247 600*
		42.0	57.5	54.5	225 100*
		44.0	55.2	53.1	204 700*
		46.0	52.9	51.6	186 200*
		48.0	50.4	50.0	169 300*
		50.0	47.9	48.2	153 800*
		52.0	45.3	46.3	139 300*
		54.0	42.6	44.1	125 700*
		56.0	39.7	41.8	112 900*
		58.0	36.6	39.2	100 800*
		60.0	33.2	36.2	89 000*
		62.0	29.5	32.8	77 500*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	524 600*
		22.0	79.4	70.7	522 100*
		24.0	77.7	70.3	514 400*
		26.0	75.9	69.8	505 500*
		28.0	74.2	69.3	456 200*
		30.0	72.5	68.6	407 000*
		32.0	70.7	67.9	366 500*
		34.0	68.9	67.2	331 700*
		36.0	67.1	66.3	301 500*
		38.0	65.3	65.4	274 900*
		40.0	63.4	64.4	251 300*
		42.0	61.5	63.4	230 100*
		44.0	59.6	62.2	211 100*
		46.0	57.6	61.0	193 700*
		48.0	55.6	59.6	177 800*
		50.0	53.5	58.1	163 200*
7 6 2	2 5 0	52.0	51.4	56.6	149 600*
		54.0	49.2	54.9	137 000*
		56.0	46.9	53.0	125 200*
		58.0	44.5	51.0	114 000*
		60.0	42.1	48.9	103 500*
		62.0	39.5	46.5	93 400*
		64.0	36.7	43.9	83 700*
		66.0	33.8	41.0	74 300*
		68.0	30.6	37.7	65 100*
		21.3	81.0	78.6	458 900*
		22.0	80.5	78.5	456 900*
		24.0	78.9	78.1	450 800*
		26.0	77.4	77.7	444 500*
		28.0	75.8	77.2	431 000*
		30.0	74.3	76.6	389 600*
		32.0	72.7	76.0	351 800*
		34.0	71.1	75.3	319 900*
		36.0	69.5	74.6	292 300*
		38.0	67.9	73.8	267 800*
		40.0	66.2	72.9	246 200*
		42.0	64.6	72.0	226 700*
		44.0	62.9	71.0	209 100*
		46.0	61.2	69.9	193 100*
		48.0	59.4	68.7	178 400*
		50.0	57.7	67.4	164 800*
		52.0	55.9	66.1	152 300*
		54.0	54.0	64.7	140 600*
		56.0	52.1	63.1	129 700*
		58.0	50.2	61.5	119 400*
		60.0	48.2	59.7	109 800*
		62.0	46.1	57.8	100 600*
		64.0	43.9	55.8	91 800*
		66.0	41.7	53.6	83 500*
		68.0	39.3	51.2	75 400*
		70.0	36.9	48.6	67 600*
		72.0	34.3	45.7	60 000*
		74.0	31.4	42.5	52 500*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 8	2 7 5	22.9	80.7	86.1	400 300*
		24.0	79.9	85.9	397 500*
		26.0	78.5	85.5	391 600*
		28.0	77.1	85.0	382 200*
		30.0	75.7	84.5	364 700*
		32.0	74.3	84.0	332 600*
		34.0	72.9	83.4	303 500*
		36.0	71.4	82.7	278 100*
		38.0	70.0	82.0	255 900*
		40.0	68.5	81.2	236 000*
		42.0	67.0	80.4	218 200*
		44.0	65.5	79.5	202 100*
		46.0	64.0	78.5	187 400*
		48.0	62.5	77.5	173 900*
		50.0	60.9	76.4	161 500*
		52.0	59.3	75.2	150 000*
		54.0	57.7	73.9	139 300*
		56.0	56.1	72.6	129 300*
		58.0	54.4	71.2	119 900*
		60.0	52.7	69.7	111 000*
		62.0	50.9	68.1	102 700*
		64.0	49.1	66.4	94 700*
		66.0	47.3	64.5	87 100*
		68.0	45.4	62.6	79 800*
		70.0	43.4	60.5	72 900*
		72.0	41.4	58.3	66 100*
		74.0	39.2	55.9	59 600*
		76.0	37.0	53.3	53 300*
9 1 4	3 0 0	24.4	80.5	93.6	344 000*
		26.0	79.5	93.3	336 200*
		28.0	78.2	92.8	326 500*
		30.0	76.9	92.4	316 800*
		32.0	75.7	91.9	307 200*
		34.0	74.4	91.3	286 200*
		36.0	73.0	90.7	262 300*
		38.0	71.7	90.1	241 700*
		40.0	70.4	89.4	223 400*
		42.0	69.1	88.6	206 900*
		44.0	67.7	87.8	192 100*
		46.0	66.3	86.9	178 600*
		48.0	65.0	86.0	166 200*
		50.0	63.6	85.0	154 800*
		52.0	62.1	84.0	144 200*
		54.0	60.7	82.8	134 400*
		56.0	59.3	81.7	125 200*
		58.0	57.8	80.4	116 500*
		60.0	56.3	79.1	108 400*
		62.0	54.7	77.7	100 700*
		64.0	53.2	76.2	93 400*
		66.0	51.6	74.6	86 500*
		68.0	50.0	73.0	79 900*
		70.0	48.3	71.2	73 500*
		72.0	46.6	69.3	67 400*
		74.0	44.8	67.4	61 600*
		76.0	43.0	65.2	55 900*
		78.0	41.1	63.0	50 400*
9 9 1	3 2 5	25.9	80.4	101.0	285 300*
		26.0	80.3	101.0	285 000*
		28.0	79.2	100.6	277 000*
		30.0	78.0	100.2	268 900*
		32.0	76.8	99.7	260 700*
		34.0	75.6	99.2	252 600*
		36.0	74.4	98.7	243 800*
		38.0	73.2	98.1	227 500*
		40.0	72.0	97.4	210 200*
		42.0	70.7	96.7	194 900*
		44.0	69.5	96.0	181 200*
		46.0	68.3	95.2	168 600*
		48.0	67.0	94.4	157 200*
		50.0	65.7	93.5	146 600*
		52.0	64.5	92.5	136 800*
		54.0	63.2	91.5	127 700*
		56.0	61.9	90.5	119 200*
		58.0	60.5	89.3	111 300*
		60.0	59.2	88.2	103 800*
		62.0	57.8	86.9	96 700*
		64.0	56.4	85.6	90 000*
		66.0	55.0	84.2	83 600*
		68.0	53.6	82.7	77 500*
		70.0	52.1	81.2	71 800*
		72.0	50.6	79.6	66 200*
		74.0	49.1	77.9	60 900*
		76.0	47.6	76.1	55 700*
		78.0	46.0	74.1	50 800*
1 0 6 7	3 5 0	27.4	80.2	108.5	239 700*
		28.0	79.9	108.4	237 800*
		30.0	78.8	108.0	230 900*
		32.0	77.7	107.6	223 900*
		34.0	76.6	107.1	216 800*
		36.0	75.5	106.6	209 700*
		38.0	74.4	106.0	202 400*
		40.0	73.3	105.4	194 700*
		42.0	72.2	104.8	182 300*
		44.0	71.0	104.1	169 100*
		46.0	69.9	103.4	157 400*
		48.0	68.7	102.6	146 700*
		50.0	67.6	101.8	136 900*
		52.0	66.4	100.9	127 700*
		54.0	65.2	100.0	119 300*
		56.0	64.0	99.0	111 400*
		58.0	62.8	98.0	104 100*
		60.0	61.6	97.0	97 100*
		62.0	60.4	95.8	90 600*
		64.0	59.1	94.6	84 400*
		66.0	57.9	93.4	78 500*
		68.0	56.6	92.1	72 900*
		70.0	55.3	90.7	67 600*
		72.0	53.9	89.3	62 500*
		74.0	52.6	87.7	57 600*
		76.0	51.2	86.2	52 900*
		78.0	49.8	84.5	48 300*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

36.6m (120 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	720 200*
		18.0	79.1	48.2	720 200*
		20.0	76.5	47.8	719 400*
		22.0	73.9	47.2	684 700*
		24.0	71.3	46.5	565 800*
		26.0	68.6	45.8	484 300*
		28.0	65.9	44.9	418 800*
		30.0	63.1	43.9	365 300*
		32.0	60.2	42.8	320 500*
		34.0	57.2	41.5	282 400*
		36.0	54.1	40.1	249 400*
		38.0	50.9	38.5	220 400*
		40.0	47.6	36.7	194 600*
		42.0	44.0	34.7	171 400*
		44.0	40.2	32.4	150 100*
		46.0	36.0	29.7	130 300*
		48.0	31.4	26.6	111 500*
5 3 3	1 7 5	18.3	80.4	55.9	650 100*
		20.0	78.5	55.6	650 100*
		22.0	76.3	55.1	650 100*
		24.0	74.0	54.6	602 600*
		26.0	71.8	53.9	520 800*
		28.0	69.5	53.2	453 900*
		30.0	67.2	52.3	399 100*
		32.0	64.8	51.4	353 300*
		34.0	62.4	50.4	314 300*
		36.0	59.9	49.2	280 600*
		38.0	57.4	48.0	251 200*
		40.0	54.8	46.6	225 100*
		42.0	52.1	45.1	201 800*
		44.0	49.2	43.4	180 800*
		46.0	46.3	41.5	161 700*
		48.0	43.2	39.4	144 100*
6 1 0	2 0 0	50.0	39.9	37.1	127 700*
		52.0	36.3	34.5	112 200*
		54.0	32.5	31.4	97 400*
		19.8	80.1	63.4	585 800*
		20.0	79.9	63.4	585 800*
		22.0	78.0	63.0	585 800*
		24.0	76.1	62.5	584 800*
		26.0	74.1	61.9	522 600*
		28.0	72.2	61.3	459 400*
		30.0	70.2	60.6	407 300*
		32.0	68.1	59.8	363 600*
		34.0	66.1	58.9	326 200*
		36.0	64.0	57.9	293 800*
		38.0	61.9	56.9	265 400*
		40.0	59.7	55.7	240 300*
		42.0	57.5	54.5	217 800*
		44.0	55.2	53.1	197 600*
		46.0	52.9	51.6	179 200*
		48.0	50.4	50.0	162 300*
		50.0	47.9	48.2	146 900*
		52.0	45.3	46.3	132 400*
		54.0	42.6	44.1	119 000*
		56.0	39.7	41.8	106 200*
		58.0	36.6	39.2	94 100*
		60.0	33.2	36.2	82 400*
		62.0	29.5	32.8	71 000*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	528 400*
		22.0	79.4	70.7	525 700*
		24.0	77.7	70.3	516 800*
		26.0	75.9	69.8	505 900*
		28.0	74.2	69.3	447 100*
		30.0	72.5	68.6	399 200*
		32.0	70.7	67.9	358 000*
		34.0	68.9	67.2	324 200*
		36.0	67.1	66.3	294 200*
		38.0	65.3	65.4	267 700*
		40.0	63.4	64.4	244 200*
		42.0	61.5	63.4	223 100*
		44.0	59.6	62.2	204 100*
		46.0	57.6	61.0	186 900*
		48.0	55.6	59.6	171 100*
		50.0	53.5	58.1	156 500*
7 6 2	2 5 0	52.0	51.4	56.6	143 000*
		54.0	49.2	54.9	130 400*
		56.0	46.9	53.0	118 700*
		58.0	44.5	51.0	107 600*
		60.0	42.1	48.9	97 100*
		62.0	39.5	46.5	87 100*
		64.0	36.7	43.9	77 400*
		66.0	33.8	41.0	68 100*
		68.0	30.6	37.7	58 900*
		21.3	81.0	78.6	455 700*
		22.0	80.5	78.5	453 200*
		24.0	78.9	78.1	445 500*
		26.0	77.4	77.7	437 800*
		28.0	75.8	77.2	424 000*
		30.0	74.3	76.6	381 900*
		32.0	72.7	76.0	344 400*
		34.0	71.1	75.3	312 700*
		36.0	69.5	74.6	285 100*
		38.0	67.9	73.8	260 900*
		40.0	66.2	72.9	239 300*
		42.0	64.6	72.0	219 900*
		44.0	62.9	71.0	202 400*
		46.0	61.2	69.9	186 400*
		48.0	59.4	68.7	171 800*
		50.0	57.7	67.4	158 400*
		52.0	55.9	66.1	145 900*
		54.0	54.0	64.7	134 300*
		56.0	52.1	63.1	123 400*
		58.0	50.2	61.5	113 200*
		60.0	48.2	59.7	103 600*
		62.0	46.1	57.8	94 500*
		64.0	43.9	55.8	85 800*
		66.0	41.7	53.6	77 400*
		68.0	39.3	51.2	69 400*
		70.0	36.9	48.6	61 700*
		72.0	34.3	45.7	54 100*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

36.6m (120 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	394 100*
		24.0	79.9	85.9	390 600*
		26.0	78.5	85.5	384 200*
		28.0	77.1	85.0	373 700*
		30.0	75.7	84.5	356 900*
		32.0	74.3	84.0	325 300*
		34.0	72.9	83.4	296 300*
		36.0	71.4	82.7	271 200*
		38.0	70.0	82.0	249 000*
		40.0	68.5	81.2	229 300*
		42.0	67.0	80.4	211 600*
		44.0	65.5	79.5	195 500*
		46.0	64.0	78.5	180 900*
		48.0	62.5	77.5	167 500*
		50.0	60.9	76.4	155 200*
		52.0	59.3	75.2	143 700*
		54.0	57.7	73.9	133 100*
		56.0	56.1	72.6	123 100*
		58.0	54.4	71.2	113 800*
		60.0	52.7	69.7	105 000*
		62.0	50.9	68.1	96 600*
		64.0	49.1	66.4	88 700*
		66.0	47.3	64.5	81 200*
		68.0	45.4	62.6	73 900*
		70.0	43.4	60.5	67 000*
		72.0	41.4	58.3	60 300*
		74.0	39.2	55.9	53 800*
		76.0	37.0	53.3	47 500*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
9 1 · 4	3 0 0	24.4	80.5	93.6	335 600*
		26.0	79.5	93.3	327 900*
		28.0	78.2	92.8	318 300*
		30.0	76.9	92.4	308 600*
		32.0	75.7	91.9	299 100*
		34.0	74.4	91.3	279 400*
		36.0	73.0	90.7	255 500*
		38.0	71.7	90.1	235 000*
		40.0	70.4	89.4	216 800*
		42.0	69.1	88.6	200 500*
		44.0	67.7	87.8	185 800*
		46.0	66.3	86.9	172 300*
		48.0	65.0	86.0	160 000*
		50.0	63.6	85.0	148 600*
		52.0	62.1	84.0	138 100*
		54.0	60.7	82.8	128 300*
		56.0	59.3	81.7	119 100*
		58.0	57.8	80.4	110 600*
		60.0	56.3	79.1	102 500*
		62.0	54.7	77.7	94 800*
		64.0	53.2	76.2	87 600*
		66.0	51.6	74.6	80 700*
		68.0	50.0	73.0	74 100*
		70.0	48.3	71.2	67 800*
		72.0	46.6	69.3	61 800*
		74.0	44.8	67.4	55 900*
		76.0	43.0	65.2	50 300*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

42.7m (140 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	703 100*
		18.0	79.1	48.2	703 100*
		20.0	76.5	47.8	703 000*
		22.0	73.9	47.2	673 500*
		24.0	71.3	46.5	554 700*
		26.0	68.6	45.8	473 600*
		28.0	65.9	44.9	408 600*
		30.0	63.1	43.9	355 400*
		32.0	60.2	42.8	310 900*
		34.0	57.2	41.5	273 000*
		36.0	54.1	40.1	240 200*
		38.0	50.9	38.5	211 400*
		40.0	47.6	36.7	185 800*
		42.0	44.0	34.7	162 800*
		44.0	40.2	32.4	141 700*
		46.0	36.0	29.7	122 000*
		48.0	31.4	26.6	103 400*
5 3 3	1 7 5	18.3	80.4	55.9	636 100*
		20.0	78.5	55.6	636 100*
		22.0	76.3	55.1	636 100*
		24.0	74.0	54.6	591 100*
		26.0	71.8	53.9	510 500*
		28.0	69.5	53.2	444 000*
		30.0	67.2	52.3	389 600*
		32.0	64.8	51.4	344 100*
		34.0	62.4	50.4	305 300*
		36.0	59.9	49.2	271 800*
		38.0	57.4	48.0	242 600*
		40.0	54.8	46.6	216 700*
		42.0	52.1	45.1	193 600*
		44.0	49.2	43.4	172 700*
		46.0	46.3	41.5	153 700*
		48.0	43.2	39.4	136 200*
6 1 0	2 0 0	50.0	39.9	37.1	119 900*
		52.0	36.3	34.5	104 600*
		54.0	32.5	31.4	89 900*
		19.8	80.1	63.4	573 200*
		20.0	79.9	63.4	573 200*
		22.0	78.0	63.0	573 200*
		24.0	76.1	62.5	573 200*
		26.0	74.1	61.9	512 900*
		28.0	72.2	61.3	450 000*
		30.0	70.2	60.6	398 300*
		32.0	68.1	59.8	354 800*
		34.0	66.1	58.9	317 600*
		36.0	64.0	57.9	285 400*
		38.0	61.9	56.9	257 200*
		40.0	59.7	55.7	232 200*
		42.0	57.5	54.5	209 900*
		44.0	55.2	53.1	189 800*
		46.0	52.9	51.6	171 500*
		48.0	50.4	50.0	154 800*
		50.0	47.9	48.2	139 400*
		52.0	45.3	46.3	125 100*
		54.0	42.6	44.1	111 700*
		56.0	39.7	41.8	99 100*
		58.0	36.6	39.2	87 000*
		60.0	33.2	36.2	75 400*
		62.0	29.5	32.8	64 100*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	514 900*
		22.0	79.4	70.7	512 300*
		24.0	77.7	70.3	503 800*
		26.0	75.9	69.8	493 000*
		28.0	74.2	69.3	438 300*
		30.0	72.5	68.6	390 400*
		32.0	70.7	67.9	350 300*
		34.0	68.9	67.2	315 900*
		36.0	67.1	66.3	286 000*
		38.0	65.3	65.4	259 700*
		40.0	63.4	64.4	236 400*
		42.0	61.5	63.4	215 500*
		44.0	59.6	62.2	196 600*
		46.0	57.6	61.0	179 400*
		48.0	55.6	59.6	163 700*
		50.0	53.5	58.1	149 200*
7 6 2	2 5 0	52.0	51.4	56.6	135 900*
		54.0	49.2	54.9	123 400*
		56.0	46.9	53.0	111 700*
		58.0	44.5	51.0	100 700*
		60.0	42.1	48.9	90 300*
		62.0	39.5	46.5	80 300*
		64.0	36.7	43.9	70 700*
		66.0	33.8	41.0	61 500*
		68.0	30.6	37.7	52 400*
		21.3	81.0	78.6	447 600*
		22.0	80.5	78.5	445 100*
		24.0	78.9	78.1	437 600*
		26.0	77.4	77.7	429 900*
		28.0	75.8	77.2	415 900*
		30.0	74.3	76.6	373 200*
		32.0	72.7	76.0	336 000*
		34.0	71.1	75.3	304 600*
		36.0	69.5	74.6	277 200*
		38.0	67.9	73.8	253 100*
		40.0	66.2	72.9	231 700*
		42.0	64.6	72.0	212 500*
		44.0	62.9	71.0	195 100*
		46.0	61.2	69.9	179 200*
		48.0	59.4	68.7	164 700*
		50.0	57.7	67.4	151 300*
		52.0	55.9	66.1	139 000*
		54.0	54.0	64.7	127 400*
		56.0	52.1	63.1	116 600*
		58.0	50.2	61.5	106 500*
		60.0	48.2	59.7	96 900*
		62.0	46.1	57.8	87 900*
		64.0	43.9	55.8	79 200*
		66.0	41.7	53.6	71 000*
		68.0	39.3	51.2	63 000*
		70.0	36.9	48.6	55 300*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

42.7m (140 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	385 500*
		24.0	79.9	85.9	382 100*
		26.0	78.5	85.5	375 700*
		28.0	77.1	85.0	364 200*
		30.0	75.7	84.5	348 000*
		32.0	74.3	84.0	317 100*
		34.0	72.9	83.4	288 400*
		36.0	71.4	82.7	263 400*
		38.0	70.0	82.0	241 400*
		40.0	68.5	81.2	221 800*
		42.0	67.0	80.4	204 200*
		44.0	65.5	79.5	188 300*
		46.0	64.0	78.5	173 800*
		48.0	62.5	77.5	160 500*
		50.0	60.9	76.4	148 300*
		52.0	59.3	75.2	136 900*
		54.0	57.7	73.9	126 400*
		56.0	56.1	72.6	116 500*
		58.0	54.4	71.2	107 200*
		60.0	52.7	69.7	98 500*
		62.0	50.9	68.1	90 200*
		64.0	49.1	66.4	82 300*
		66.0	47.3	64.5	74 800*
		68.0	45.4	62.6	67 600*
		70.0	43.4	60.5	60 800*
		72.0	41.4	58.3	54 100*
		74.0	39.2	55.9	47 700*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
9 1 · 4	3 0 0	24.4	80.5	93.6	326 200*
		26.0	79.5	93.3	318 500*
		28.0	78.2	92.8	309 000*
		30.0	76.9	92.4	299 400*
		32.0	75.7	91.9	289 900*
		34.0	74.4	91.3	271 800*
		36.0	73.0	90.7	247 900*
		38.0	71.7	90.1	227 600*
		40.0	70.4	89.4	209 600*
		42.0	69.1	88.6	193 400*
		44.0	67.7	87.8	178 700*
		46.0	66.3	86.9	165 400*
		48.0	65.0	86.0	153 200*
		50.0	63.6	85.0	141 900*
		52.0	62.1	84.0	131 500*
		54.0	60.7	82.8	121 700*
		56.0	59.3	81.7	112 600*
		58.0	57.8	80.4	104 100*
		60.0	56.3	79.1	96 100*
		62.0	54.7	77.7	88 500*
		64.0	53.2	76.2	81 400*
		66.0	51.6	74.6	74 500*
		68.0	50.0	73.0	67 900*
		70.0	48.3	71.2	61 700*
		72.0	46.6	69.3	55 700*
		74.0	44.8	67.4	49 900*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

48.8m (160 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	688 300*
		18.0	79.1	48.2	688 300*
		20.0	76.5	47.8	688 300*
		22.0	73.9	47.2	650 100*
		24.0	71.3	46.5	544 600*
		26.0	68.6	45.8	463 800*
		28.0	65.9	44.9	399 100*
		30.0	63.1	43.9	346 200*
		32.0	60.2	42.8	302 000*
		34.0	57.2	41.5	264 200*
		36.0	54.1	40.1	231 600*
		38.0	50.9	38.5	203 000*
		40.0	47.6	36.7	177 600*
		42.0	44.0	34.7	154 700*
		44.0	40.2	32.4	133 700*
		46.0	36.0	29.7	114 200*
		48.0	31.4	26.6	95 700*
5 3 3	1 7 5	18.3	80.4	55.9	622 500*
		20.0	78.5	55.6	622 500*
		22.0	76.3	55.1	622 500*
		24.0	74.0	54.6	580 200*
		26.0	71.8	53.9	500 900*
		28.0	69.5	53.2	434 900*
		30.0	67.2	52.3	380 700*
		32.0	64.8	51.4	335 500*
		34.0	62.4	50.4	296 900*
		36.0	59.9	49.2	263 600*
		38.0	57.4	48.0	234 600*
		40.0	54.8	46.6	208 900*
		42.0	52.1	45.1	185 900*
		44.0	49.2	43.4	165 200*
		46.0	46.3	41.5	146 300*
		48.0	43.2	39.4	128 900*
6 1 0	2 0 0	50.0	39.9	37.1	112 700*
		52.0	36.3	34.5	97 500*
		54.0	32.5	31.4	82 900*
		19.8	80.1	63.4	561 000*
		20.0	79.9	63.4	561 000*
		22.0	78.0	63.0	561 000*
		24.0	76.1	62.5	561 000*
		26.0	74.1	61.9	503 700*
		28.0	72.2	61.3	441 200*
		30.0	70.2	60.6	389 700*
		32.0	68.1	59.8	346 600*
		34.0	66.1	58.9	309 600*
		36.0	64.0	57.9	277 600*
		38.0	61.9	56.9	249 600*
		40.0	59.7	55.7	224 700*
		42.0	57.5	54.5	202 500*
		44.0	55.2	53.1	182 500*
		46.0	52.9	51.6	164 400*
		48.0	50.4	50.0	147 700*
		50.0	47.9	48.2	132 400*
		52.0	45.3	46.3	118 200*
		54.0	42.6	44.1	104 900*
		56.0	39.7	41.8	92 400*
		58.0	36.6	39.2	80 400*
		60.0	33.2	36.2	68 900*
		62.0	29.5	32.8	57 700*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	503 700*
		22.0	79.4	70.7	503 200*
		24.0	77.7	70.3	497 800*
		26.0	75.9	69.8	486 600*
		28.0	74.2	69.3	429 500*
		30.0	72.5	68.6	382 100*
		32.0	70.7	67.9	342 300*
		34.0	68.9	67.2	308 100*
		36.0	67.1	66.3	278 400*
		38.0	65.3	65.4	252 300*
		40.0	63.4	64.4	229 100*
		42.0	61.5	63.4	208 400*
		44.0	59.6	62.2	189 600*
		46.0	57.6	61.0	172 600*
		48.0	55.6	59.6	156 900*
		50.0	53.5	58.1	142 600*
7 6 2	2 5 0	52.0	51.4	56.6	129 300*
		54.0	49.2	54.9	116 900*
		56.0	46.9	53.0	105 300*
		58.0	44.5	51.0	94 300*
		60.0	42.1	48.9	83 900*
		62.0	39.5	46.5	74 100*
		64.0	36.7	43.9	64 600*
		66.0	33.8	41.0	55 400*
		21.3	81.0	78.6	440 600*
		22.0	80.5	78.5	438 200*
		24.0	78.9	78.1	430 700*
		26.0	77.4	77.7	423 100*
		28.0	75.8	77.2	408 800*
		30.0	74.3	76.6	365 100*
		32.0	72.7	76.0	328 400*
		34.0	71.1	75.3	297 100*
		36.0	69.5	74.6	269 900*
		38.0	67.9	73.8	246 000*
		40.0	66.2	72.9	224 700*
		42.0	64.6	72.0	205 600*
		44.0	62.9	71.0	188 300*
		46.0	61.2	69.9	172 600*
		48.0	59.4	68.7	158 200*
		50.0	57.7	67.4	144 900*
		52.0	55.9	66.1	132 600*
		54.0	54.0	64.7	121 100*
		56.0	52.1	63.1	110 400*
		58.0	50.2	61.5	100 300*
		60.0	48.2	59.7	90 800*
		62.0	46.1	57.8	81 800*
		64.0	43.9	55.8	73 200*
		66.0	41.7	53.6	65 000*
		68.0	39.3	51.2	57 100*
		70.0	36.9	48.6	49 500*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

48.8m (160 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	378 100*
		24.0	79.9	85.9	374 700*
		26.0	78.5	85.5	367 400*
		28.0	77.1	85.0	355 700*
		30.0	75.7	84.5	340 000*
		32.0	74.3	84.0	309 500*
		34.0	72.9	83.4	281 000*
		36.0	71.4	82.7	256 200*
		38.0	70.0	82.0	234 400*
		40.0	68.5	81.2	214 900*
		42.0	67.0	80.4	197 500*
		44.0	65.5	79.5	181 700*
		46.0	64.0	78.5	167 300*
		48.0	62.5	77.5	154 100*
		50.0	60.9	76.4	141 900*
		52.0	59.3	75.2	130 700*
		54.0	57.7	73.9	120 200*
		56.0	56.1	72.6	110 400*
		58.0	54.4	71.2	101 200*
		60.0	52.7	69.7	92 500*
		62.0	50.9	68.1	84 300*
		64.0	49.1	66.4	76 500*
		66.0	47.3	64.5	69 000*
		68.0	45.4	62.6	61 900*
		70.0	43.4	60.5	55 100*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
9 1 · 4	3 0 0	24.4	80.5	93.6	317 800*
		26.0	79.5	93.3	310 200*
		28.0	78.2	92.8	300 700*
		30.0	76.9	92.4	291 200*
		32.0	75.7	91.9	281 800*
		34.0	74.4	91.3	264 700*
		36.0	73.0	90.7	240 900*
		38.0	71.7	90.1	220 800*
		40.0	70.4	89.4	202 900*
		42.0	69.1	88.6	186 800*
		44.0	67.7	87.8	172 300*
		46.0	66.3	86.9	159 100*
		48.0	65.0	86.0	146 900*
		50.0	63.6	85.0	135 700*
		52.0	62.1	84.0	125 400*
		54.0	60.7	82.8	115 700*
		56.0	59.3	81.7	106 700*
		58.0	57.8	80.4	98 300*
		60.0	56.3	79.1	90 300*
		62.0	54.7	77.7	82 800*
		64.0	53.2	76.2	75 600*
		66.0	51.6	74.6	68 800*
		68.0	50.0	73.0	62 300*
		70.0	48.3	71.2	56 100*
		72.0	46.6	69.3	50 200*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

54.9m (180 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	670 200*
		18.0	79.1	48.2	670 200*
		20.0	76.5	47.8	670 200*
		22.0	73.9	47.2	634 700*
		24.0	71.3	46.5	533 500*
		26.0	68.6	45.8	452 600*
		28.0	65.9	44.9	388 300*
		30.0	63.1	43.9	335 800*
		32.0	60.2	42.8	291 800*
		34.0	57.2	41.5	254 400*
		36.0	54.1	40.1	222 000*
		38.0	50.9	38.5	193 600*
		40.0	47.6	36.7	168 400*
		42.0	44.0	34.7	145 600*
		44.0	40.2	32.4	124 800*
		46.0	36.0	29.7	105 400*
		48.0	31.4	26.6	87 100*
5 3 3	1 7 5	18.3	80.4	55.9	606 100*
		20.0	78.5	55.6	606 100*
		22.0	76.3	55.1	606 100*
		24.0	74.0	54.6	567 800*
		26.0	71.8	53.9	490 200*
		28.0	69.5	53.2	424 600*
		30.0	67.2	52.3	370 800*
		32.0	64.8	51.4	325 800*
		34.0	62.4	50.4	287 600*
		36.0	59.9	49.2	254 500*
		38.0	57.4	48.0	225 600*
		40.0	54.8	46.6	200 100*
		42.0	52.1	45.1	177 200*
		44.0	49.2	43.4	156 600*
		46.0	46.3	41.5	137 900*
		48.0	43.2	39.4	120 600*
6 1 0	2 0 0	50.0	39.9	37.1	104 600*
		52.0	36.3	34.5	89 500*
		54.0	32.5	31.4	75 100*
		19.8	80.1	63.4	546 100*
		20.0	79.9	63.4	546 100*
		22.0	78.0	63.0	546 100*
		24.0	76.1	62.5	546 100*
		26.0	74.1	61.9	493 600*
		28.0	72.2	61.3	431 300*
		30.0	70.2	60.6	380 200*
		32.0	68.1	59.8	337 300*
		34.0	66.1	58.9	300 500*
		36.0	64.0	57.9	268 800*
		38.0	61.9	56.9	240 900*
		40.0	59.7	55.7	216 300*
		42.0	57.5	54.5	194 200*
		44.0	55.2	53.1	174 400*
		46.0	52.9	51.6	156 300*
		48.0	50.4	50.0	139 800*
		50.0	47.9	48.2	124 600*
		52.0	45.3	46.3	110 500*
		54.0	42.6	44.1	97 300*
		56.0	39.7	41.8	84 900*
		58.0	36.6	39.2	73 000*
		60.0	33.2	36.2	61 600*
		62.0	29.5	32.8	50 400*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	490 100*
		22.0	79.4	70.7	490 100*
		24.0	77.7	70.3	487 900*
		26.0	75.9	69.8	477 800*
		28.0	74.2	69.3	419 800*
		30.0	72.5	68.6	372 900*
		32.0	70.7	67.9	333 400*
		34.0	68.9	67.2	299 500*
		36.0	67.1	66.3	270 000*
		38.0	65.3	65.4	244 100*
		40.0	63.4	64.4	221 000*
		42.0	61.5	63.4	200 400*
		44.0	59.6	62.2	181 700*
		46.0	57.6	61.0	164 800*
		48.0	55.6	59.6	149 300*
		50.0	53.5	58.1	135 100*
7 6 2	2 5 0	52.0	51.4	56.6	121 800*
		54.0	49.2	54.9	109 500*
		56.0	46.9	53.0	98 000*
		58.0	44.5	51.0	87 200*
		60.0	42.1	48.9	76 900*
		62.0	39.5	46.5	67 100*
		64.0	36.7	43.9	57 600*
		21.3	81.0	78.6	431 700*
		22.0	80.5	78.5	429 300*
		24.0	78.9	78.1	422 000*
		26.0	77.4	77.7	414 400*
		28.0	75.8	77.2	400 100*
		30.0	74.3	76.6	356 100*
		32.0	72.7	76.0	319 800*
		34.0	71.1	75.3	288 800*
		36.0	69.5	74.6	261 800*
		38.0	67.9	73.8	238 100*
		40.0	66.2	72.9	216 900*
		42.0	64.6	72.0	197 900*
		44.0	62.9	71.0	180 700*
		46.0	61.2	69.9	165 100*
		48.0	59.4	68.7	150 800*
		50.0	57.7	67.4	137 600*
		52.0	55.9	66.1	125 400*
		54.0	54.0	64.7	114 000*
		56.0	52.1	63.1	103 400*
		58.0	50.2	61.5	93 400*
		60.0	48.2	59.7	83 900*
		62.0	46.1	57.8	75 000*
		64.0	43.9	55.8	66 500*
		66.0	41.7	53.6	58 400*
		68.0	39.3	51.2	50 500*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

54.9m (180 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	364 800*
		24.0	79.9	85.9	361 500*
		26.0	78.5	85.5	352 600*
		28.0	77.1	85.0	341 200*
		30.0	75.7	84.5	329 000*
		32.0	74.3	84.0	301 100*
		34.0	72.9	83.4	272 900*
		36.0	71.4	82.7	248 300*
		38.0	70.0	82.0	226 600*
		40.0	68.5	81.2	207 400*
		42.0	67.0	80.4	190 000*
		44.0	65.5	79.5	174 400*
		46.0	64.0	78.5	160 000*
		48.0	62.5	77.5	147 000*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	50.0	60.9	76.4	134 900*
		52.0	59.3	75.2	123 700*
		54.0	57.7	73.9	113 300*
		56.0	56.1	72.6	103 500*
		58.0	54.4	71.2	94 400*
		60.0	52.7	69.7	85 800*
		62.0	50.9	68.1	77 600*
		64.0	49.1	66.4	69 900*
		66.0	47.3	64.5	62 500*
		68.0	45.4	62.6	55 400*
		70.0	43.4	60.5	48 700*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

61.0m (200 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	656 600*
		18.0	79.1	48.2	656 600*
		20.0	76.5	47.8	656 600*
		22.0	73.9	47.2	623 000*
		24.0	71.3	46.5	525 000*
		26.0	68.6	45.8	444 100*
		28.0	65.9	44.9	380 100*
		30.0	63.1	43.9	327 800*
		32.0	60.2	42.8	284 100*
		34.0	57.2	41.5	246 800*
		36.0	54.1	40.1	214 600*
		38.0	50.9	38.5	186 400*
		40.0	47.6	36.7	161 300*
		42.0	44.0	34.7	138 600*
		44.0	40.2	32.4	118 000*
		46.0	36.0	29.7	98 700*
		48.0	31.4	26.6	80 500*
5 3 3	1 7 5	18.3	80.4	55.9	594 000*
		20.0	78.5	55.6	594 000*
		22.0	76.3	55.1	594 000*
		24.0	74.0	54.6	558 400*
		26.0	71.8	53.9	482 100*
		28.0	69.5	53.2	416 800*
		30.0	67.2	52.3	363 300*
		32.0	64.8	51.4	318 500*
		34.0	62.4	50.4	280 400*
		36.0	59.9	49.2	247 500*
		38.0	57.4	48.0	218 800*
		40.0	54.8	46.6	193 300*
		42.0	52.1	45.1	170 600*
		44.0	49.2	43.4	150 200*
		46.0	46.3	41.5	131 500*
		48.0	43.2	39.4	114 400*
6 1 0	2 0 0	50.0	39.9	37.1	98 400*
		52.0	36.3	34.5	83 400*
		54.0	32.5	31.4	69 100*
		56.0	28.1	27.9	55 000*
		19.8	80.1	63.4	535 100*
		20.0	79.9	63.4	535 100*
		22.0	78.0	63.0	535 100*
		24.0	76.1	62.5	535 100*
		26.0	74.1	61.9	485 900*
		28.0	72.2	61.3	423 900*
		30.0	70.2	60.6	373 000*
		32.0	68.1	59.8	330 300*
		34.0	66.1	58.9	293 800*
		36.0	64.0	57.9	262 200*
		38.0	61.9	56.9	234 400*
		40.0	59.7	55.7	209 900*
		42.0	57.5	54.5	188 000*
		44.0	55.2	53.1	168 200*
		46.0	52.9	51.6	150 300*
		48.0	50.4	50.0	133 900*
		50.0	47.9	48.2	118 800*
		52.0	45.3	46.3	104 700*
		54.0	42.6	44.1	91 600*
		56.0	39.7	41.8	79 200*
		58.0	36.6	39.2	67 500*
		60.0	33.2	36.2	56 100*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	480 200*
		22.0	79.4	70.7	480 200*
		24.0	77.7	70.3	480 200*
		26.0	75.9	69.8	470 300*
		28.0	74.2	69.3	412 700*
		30.0	72.5	68.6	366 100*
		32.0	70.7	67.9	326 700*
		34.0	68.9	67.2	293 000*
		36.0	67.1	66.3	263 700*
		38.0	65.3	65.4	237 800*
		40.0	63.4	64.4	215 000*
		42.0	61.5	63.4	194 400*
		44.0	59.6	62.2	175 900*
		46.0	57.6	61.0	159 100*
		48.0	55.6	59.6	143 600*
		50.0	53.5	58.1	129 400*
7 6 2	2 5 0	52.0	51.4	56.6	116 300*
		54.0	49.2	54.9	104 000*
		56.0	46.9	53.0	92 600*
		58.0	44.5	51.0	81 800*
		60.0	42.1	48.9	71 600*
		62.0	39.5	46.5	61 800*
		64.0	36.7	43.9	52 500*
		21.3	81.0	78.6	425 500*
		22.0	80.5	78.5	423 100*
		24.0	78.9	78.1	415 800*
		26.0	77.4	77.7	408 200*
		28.0	75.8	77.2	393 900*
		30.0	74.3	76.6	349 400*
		32.0	72.7	76.0	313 400*
		34.0	71.1	75.3	282 500*
		36.0	69.5	74.6	255 700*
		38.0	67.9	73.8	232 100*
		40.0	66.2	72.9	211 100*
		42.0	64.6	72.0	192 200*
		44.0	62.9	71.0	175 200*
		46.0	61.2	69.9	159 600*
		48.0	59.4	68.7	145 400*
		50.0	57.7	67.4	132 200*
		52.0	55.9	66.1	120 100*
		54.0	54.0	64.7	108 800*
		56.0	52.1	63.1	98 200*
		58.0	50.2	61.5	88 200*
		60.0	48.2	59.7	78 900*
		62.0	46.1	57.8	70 000*
		64.0	43.9	55.8	61 500*
		66.0	41.7	53.6	53 400*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

61.0m (200 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	358 300*
		24.0	79.9	85.9	355 000*
		26.0	78.5	85.5	345 300*
		28.0	77.1	85.0	334 000*
		30.0	75.7	84.5	322 300*
		32.0	74.3	84.0	294 900*
		34.0	72.9	83.4	266 800*
		36.0	71.4	82.7	242 300*
		38.0	70.0	82.0	220 800*
		40.0	68.5	81.2	201 700*
		42.0	67.0	80.4	184 400*
		44.0	65.5	79.5	168 900*
		46.0	64.0	78.5	154 700*
		48.0	62.5	77.5	141 700*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	50.0	60.9	76.4	129 700*
		52.0	59.3	75.2	118 500*
		54.0	57.7	73.9	108 200*
		56.0	56.1	72.6	98 500*
		58.0	54.4	71.2	89 400*
		60.0	52.7	69.7	80 900*
		62.0	50.9	68.1	72 800*
		64.0	49.1	66.4	65 000*
		66.0	47.3	64.5	57 700*
		68.0	45.4	62.6	50 700*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

67.1m (220 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	638 200*
		18.0	79.1	48.2	638 200*
		20.0	76.5	47.8	638 200*
		22.0	73.9	47.2	607 600*
		24.0	71.3	46.5	514 500*
		26.0	68.6	45.8	433 700*
		28.0	65.9	44.9	370 200*
		30.0	63.1	43.9	318 300*
		32.0	60.2	42.8	275 000*
		34.0	57.2	41.5	238 100*
		36.0	54.1	40.1	206 200*
		38.0	50.9	38.5	178 200*
		40.0	47.6	36.7	153 300*
		42.0	44.0	34.7	130 900*
		44.0	40.2	32.4	110 400*
		46.0	36.0	29.7	91 400*
		48.0	31.4	26.6	73 300*
5 3 3	1 7 5	18.3	80.4	55.9	578 200*
		20.0	78.5	55.6	578 000*
		22.0	76.3	55.1	577 900*
		24.0	74.0	54.6	550 600*
		26.0	71.8	53.9	472 200*
		28.0	69.5	53.2	407 400*
		30.0	67.2	52.3	354 300*
		32.0	64.8	51.4	309 900*
		34.0	62.4	50.4	272 100*
		36.0	59.9	49.2	239 500*
		38.0	57.4	48.0	211 000*
		40.0	54.8	46.6	185 800*
		42.0	52.1	45.1	163 300*
		44.0	49.2	43.4	143 000*
		46.0	46.3	41.5	124 500*
		48.0	43.2	39.4	107 500*
6 1 0	2 0 0	50.0	39.9	37.1	91 700*
		52.0	36.3	34.5	76 900*
		54.0	32.5	31.4	62 700*
		19.8	80.1	63.4	520 800*
		20.0	79.9	63.4	520 800*
		22.0	78.0	63.0	520 800*
		24.0	76.1	62.5	520 800*
		26.0	74.1	61.9	476 300*
		28.0	72.2	61.3	414 700*
		30.0	70.2	60.6	364 300*
		32.0	68.1	59.8	321 900*
		34.0	66.1	58.9	285 700*
		36.0	64.0	57.9	254 400*
		38.0	61.9	56.9	226 900*
		40.0	59.7	55.7	202 600*
		42.0	57.5	54.5	180 800*
		44.0	55.2	53.1	161 300*
		46.0	52.9	51.6	143 500*
		48.0	50.4	50.0	127 200*
		50.0	47.9	48.2	112 300*
		52.0	45.3	46.3	98 400*
		54.0	42.6	44.1	85 400*
		56.0	39.7	41.8	73 100*
		58.0	36.6	39.2	61 500*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	467 200*
		22.0	79.4	70.7	467 200*
		24.0	77.7	70.3	467 200*
		26.0	75.9	69.8	461 000*
		28.0	74.2	69.3	403 800*
		30.0	72.5	68.6	357 600*
		32.0	70.7	67.9	318 700*
		34.0	68.9	67.2	285 200*
		36.0	67.1	66.3	256 100*
		38.0	65.3	65.4	230 600*
		40.0	63.4	64.4	207 800*
		42.0	61.5	63.4	187 500*
		44.0	59.6	62.2	169 200*
		46.0	57.6	61.0	152 500*
		48.0	55.6	59.6	137 200*
		50.0	53.5	58.1	123 100*
7 6 2	2 5 0	52.0	51.4	56.6	110 100*
		54.0	49.2	54.9	98 000*
		56.0	46.9	53.0	86 700*
		58.0	44.5	51.0	76 000*
		60.0	42.1	48.9	65 800*
		62.0	39.5	46.5	56 200*
		64.0	36.7	43.9	46 900*
		21.3	81.0	78.6	416 800*
		22.0	80.5	78.5	414 900*
		24.0	78.9	78.1	408 400*
		26.0	77.4	77.7	400 900*
		28.0	75.8	77.2	386 300*
		30.0	74.3	76.6	341 100*
		32.0	72.7	76.0	305 500*
		34.0	71.1	75.3	275 000*
		36.0	69.5	74.6	248 500*
		38.0	67.9	73.8	225 100*
		40.0	66.2	72.9	204 200*
		42.0	64.6	72.0	185 500*
		44.0	62.9	71.0	168 600*
		46.0	61.2	69.9	153 200*
		48.0	59.4	68.7	139 100*
		50.0	57.7	67.4	126 100*
		52.0	55.9	66.1	114 100*
		54.0	54.0	64.7	102 900*
		56.0	52.1	63.1	92 400*
		58.0	50.2	61.5	82 600*
		60.0	48.2	59.7	73 300*
		62.0	46.1	57.8	64 500*
		64.0	43.9	55.8	56 100*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

67.1m (220 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	350 200*
		24.0	79.9	85.9	346 300*
		26.0	78.5	85.5	335 900*
		28.0	77.1	85.0	324 700*
		30.0	75.7	84.5	313 600*
		32.0	74.3	84.0	287 100*
		34.0	72.9	83.4	259 300*
		36.0	71.4	82.7	235 100*
		38.0	70.0	82.0	213 900*
		40.0	68.5	81.2	194 900*
		42.0	67.0	80.4	177 900*
		44.0	65.5	79.5	162 500*
		46.0	64.0	78.5	148 400*
		48.0	62.5	77.5	135 500*
		50.0	60.9	76.4	123 700*
		52.0	59.3	75.2	112 700*
		54.0	57.7	73.9	102 400*
		56.0	56.1	72.6	92 800*
		58.0	54.4	71.2	83 800*
		60.0	52.7	69.7	75 300*
		62.0	50.9	68.1	67 300*
		64.0	49.1	66.4	59 700*
		66.0	47.3	64.5	52 400*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

73.2m (240 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 5 7	1 5 0	16.8	80.7	48.5	626 100*
		18.0	79.1	48.2	625 500*
		20.0	76.5	47.8	624 600*
		22.0	73.9	47.2	604 000*
		24.0	71.3	46.5	507 700*
		26.0	68.6	45.8	426 500*
		28.0	65.9	44.9	363 400*
		30.0	63.1	43.9	311 700*
		32.0	60.2	42.8	268 500*
		34.0	57.2	41.5	231 700*
		36.0	54.1	40.1	199 900*
		38.0	50.9	38.5	172 100*
		40.0	47.6	36.7	147 300*
		42.0	44.0	34.7	125 000*
		44.0	40.2	32.4	104 600*
		46.0	36.0	29.7	85 700*
		48.0	31.4	26.6	67 700*
5 3 3	1 7 5	18.3	80.4	55.9	567 300*
		20.0	78.5	55.6	566 500*
		22.0	76.3	55.1	565 700*
		24.0	74.0	54.6	541 600*
		26.0	71.8	53.9	465 500*
		28.0	69.5	53.2	400 900*
		30.0	67.2	52.3	348 000*
		32.0	64.8	51.4	303 800*
		34.0	62.4	50.4	266 200*
		36.0	59.9	49.2	233 600*
		38.0	57.4	48.0	205 300*
		40.0	54.8	46.6	180 200*
		42.0	52.1	45.1	157 700*
		44.0	49.2	43.4	137 600*
		46.0	46.3	41.5	119 200*
		48.0	43.2	39.4	102 200*
6 1 0	2 0 0	50.0	39.9	37.1	86 500*
		52.0	36.3	34.5	71 700*
		54.0	32.5	31.4	57 600*
		19.8	80.1	63.4	510 900*
		20.0	79.9	63.4	510 900*
		22.0	78.0	63.0	510 500*
		24.0	76.1	62.5	510 300*
		26.0	74.1	61.9	470 000*
		28.0	72.2	61.3	408 600*
		30.0	70.2	60.6	358 400*
		32.0	68.1	59.8	316 200*
		34.0	66.1	58.9	280 100*
		36.0	64.0	57.9	248 900*
		38.0	61.9	56.9	221 500*
		40.0	59.7	55.7	197 300*
		42.0	57.5	54.5	175 700*
		44.0	55.2	53.1	156 200*
		46.0	52.9	51.6	138 500*
		48.0	50.4	50.0	122 300*
		50.0	47.9	48.2	107 400*
		52.0	45.3	46.3	93 500*
		54.0	42.6	44.1	80 600*
		56.0	39.7	41.8	68 400*
		58.0	36.6	39.2	56 800*

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 8 6	2 2 5	21.3	79.9	70.9	458 600*
		22.0	79.4	70.7	458 600*
		24.0	77.7	70.3	458 600*
		26.0	75.9	69.8	455 200*
		28.0	74.2	69.3	398 100*
		30.0	72.5	68.6	352 100*
		32.0	70.7	67.9	313 300*
		34.0	68.9	67.2	280 000*
		36.0	67.1	66.3	251 000*
		38.0	65.3	65.4	225 500*
		40.0	63.4	64.4	202 900*
		42.0	61.5	63.4	182 700*
		44.0	59.6	62.2	164 400*
		46.0	57.6	61.0	147 800*
		48.0	55.6	59.6	132 600*
		50.0	53.5	58.1	118 500*
7 6 2	2 5 0	52.0	51.4	56.6	105 600*
		54.0	49.2	54.9	93 500*
		56.0	46.9	53.0	82 200*
		58.0	44.5	51.0	71 600*
		60.0	42.1	48.9	61 500*
		62.0	39.5	46.5	51 900*
		21.3	81.0	78.6	408 800*
		22.0	80.5	78.5	407 900*
		24.0	78.9	78.1	403 000*
		26.0	77.4	77.7	395 300*
		28.0	75.8	77.2	380 100*
		30.0	74.3	76.6	335 800*
		32.0	72.7	76.0	300 300*
		34.0	71.1	75.3	270 000*
		36.0	69.5	74.6	243 500*
		38.0	67.9	73.8	220 200*
		40.0	66.2	72.9	199 500*
		42.0	64.6	72.0	180 900*
		44.0	62.9	71.0	164 100*
		46.0	61.2	69.9	148 700*
		48.0	59.4	68.7	134 700*
		50.0	57.7	67.4	121 700*
		52.0	55.9	66.1	109 700*
		54.0	54.0	64.7	98 600*
		56.0	52.1	63.1	88 200*
		58.0	50.2	61.5	78 400*
		60.0	48.2	59.7	69 100*
		62.0	46.1	57.8	60 300*
		64.0	43.9	55.8	52 000*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB ATTACHED

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

BOOM NO. 75A

MAST NO. 75 OR NO. 75A

JIB NO. 49A-44 WITH HEAVY LIFT TOP

SET AT 20 DEGREE OFFSET

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

715 590 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

73.2m (240 FT.) JIB

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
8 3 · 8	2 7 5	22.9	80.7	86.1	344 300*
		24.0	79.9	85.9	339 900*
		26.0	78.5	85.5	329 400*
		28.0	77.1	85.0	318 200*
		30.0	75.7	84.5	307 100*
		32.0	74.3	84.0	282 000*
		34.0	72.9	83.4	254 400*
		36.0	71.4	82.7	230 300*
		38.0	70.0	82.0	209 100*
		40.0	68.5	81.2	190 300*
		42.0	67.0	80.4	173 300*
		44.0	65.5	79.5	158 000*
		46.0	64.0	78.5	144 000*
		48.0	62.5	77.5	131 200*
		50.0	60.9	76.4	119 400*
		52.0	59.3	75.2	108 500*
		54.0	57.7	73.9	98 300*
		56.0	56.1	72.6	88 700*
		58.0	54.4	71.2	79 800*
		60.0	52.7	69.7	71 300*
		62.0	50.9	68.1	63 300*
		64.0	49.1	66.4	55 800*