



**LIFTCRANE BOOM CAPACITIES
WITH FOLD UNDER LUFFING JIB ATTACHED**

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
LUFFING JIB NO. 133A
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

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, 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.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP. DURING OPERATION, LUFFING JIB MUST BE MAINTAINED AT PROPER BOOM TO LUFFING JIB ANGLE SHOWN IN TABLE. REFER TO FOLD UNDER LUFFING JIB ASSEMBLY NO. 175501, WIRE ROPE SPECIFICATION CHART NO. 7581-K, LUFFING JIB RAISING PROCEDURE CHART NO. 7711-A AND COUNTERWEIGHT ARRANGEMENT CHART NO. 7692-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.

MACHINE MAY BE OPERATED WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON 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 WHEN WIND IS ABOVE OPERATING CONDITIONS STATED. LOWER BOOM AND LUFFING JIB TO GROUND WHEN WIND IS ABOVE SPEED REFERRED TO IN MAXIMUM ALLOWABLE WIND CONDITIONS CHART NO. 7785-A.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE WITH BOOM WITHIN 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. 7786-A.

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 9 373 mm CRAWLERS, 1 219 mm TREADS, 610 mm BOOM HINGE ADAPTOR, 8 534 mm RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 38 mm BOOM PENDANTS, 10 PART LUFFING JIB HOIST REEVING, TWO 38 mm LUFFING JIB PENDANTS AND BACKSTAYS, 93 890 kg CRANE COUNTERWEIGHT, AND TWO 13 610 kg CARBODY COUNTERWEIGHTS.

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

WIND LIMITS DURING OPERATION					
BASED ON WIND VELOCITY MEASURED AT 30m ELEVATION WITH VELOCITY FACTOR FOR SUBURBAN AREAS, CITY OUTSKIRTS, AND ROLLING TERRAIN					
11 m/s MAXIMUM WIND VELOCITY		9 m/s MAXIMUM WIND VELOCITY		7 m/s MAXIMUM WIND VELOCITY	
BOOM LENGTH	LUFFING JIB LENGTH	BOOM LENGTH	LUFFING JIB LENGTH	BOOM LENGTH	LUFFING JIB LENGTH
METERS	METERS	METERS	METERS	METERS	METERS
25.9 - 29.0	21.3 - 48.8	25.9 - 29.0	51.8 - 61.0	32.0 - 35.1	61.0
32.0 - 35.1	21.3 - 42.7	32.0 - 35.1	45.7 - 57.9	38.1 - 41.1	54.9 - 61.0
38.1 - 41.1	21.3 - 39.6	38.1 - 41.1	42.7 - 51.8	44.2 - 47.2	48.8 - 61.0
44.2 - 47.2	21.3 - 36.6	44.2 - 47.1	39.6 - 45.7	50.3	45.7 - 61.0
50.3	21.3 - 30.5	50.3	33.5 - 42.7		

CONSULT CHART NO. 7717-AM FOR LUFFING JIB CAPACITIES

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
21.3m LUFFING JIB NO. 133A
SET AT 145 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	136 000*	35.1	115	7.9	82.8	37.6	127 300*
		7.0	82.3	28.5	134 100*			8.0	82.7	37.6	127 200*
		7.5	81.2	28.4	132 800*			8.5	81.9	37.5	126 400*
		8.0	80.1	28.3	131 500*			9.0	81.0	37.4	125 700*
		8.5	78.9	28.2	130 400*			10.0	79.4	37.2	124 400*
		9.0	77.8	28.0	129 300*			11.0	77.7	37.0	117 100
		10.0	75.5	27.7	127 300*			12.0	76.0	36.7	100 800
		11.0	73.1	27.4	116 100			13.0	74.3	36.4	87 900
		12.0	70.8	27.0	99 900			14.0	72.5	36.0	77 400
		13.0	68.4	26.6	87 100			15.0	70.8	35.6	68 800
		14.0	65.9	26.1	76 800			16.0	69.0	35.2	61 600
		15.0	63.4	25.5	68 200			18.0	65.4	34.3	50 000
		16.0	60.8	24.9	61 000			20.0	61.7	33.2	41 400
		18.0	55.4	23.5	49 500			22.0	57.8	31.9	34 500
		20.0	49.5	21.7	40 900			24.0	53.7	30.4	29 000
22.0	43.0	19.6	33 900	26.0	49.4	28.6	24 500				
				28.0	44.7	26.6	20 600				
				30.0	39.6	24.2	16 700*				
29.0	95	7.3	82.5	31.6	131 400*	38.1	125	8.2	82.9	40.7	114 700*
		7.5	82.1	31.5	130 900*			8.5	82.5	40.6	114 100*
		8.0	81.1	31.4	129 800*			9.0	81.8	40.5	112 900*
		8.5	80.1	31.3	128 800*			10.0	80.2	40.3	110 800*
		9.0	79.1	31.2	127 900*			11.0	78.7	40.1	108 800*
		10.0	77.1	30.9	126 100*			12.0	77.1	39.8	101 800
		11.0	75.0	30.6	116 600			13.0	75.6	39.6	88 000
		12.0	72.9	30.3	100 200			14.0	74.0	39.2	77 500
		13.0	70.8	29.9	87 400			15.0	72.4	38.9	68 900
		14.0	68.6	29.4	77 100			16.0	70.8	38.5	61 600
		15.0	66.4	29.0	68 400			18.0	67.5	37.7	50 100
		16.0	64.2	28.4	61 200			20.0	64.2	36.7	41 400
		18.0	59.6	27.2	49 800			22.0	60.7	35.5	34 500
		20.0	54.7	25.8	41 100			24.0	57.1	34.2	29 000
		22.0	49.5	24.0	34 300			26.0	53.3	32.7	24 500
24.0	43.7	21.9	28 800	28.0	49.3	30.9	20 700				
				30.0	45.1	28.9	17 500				
				32.0	40.4	26.6	13 800*				
32.0	105	7.6	82.7	34.6	129 100*	41.1	135	8.5	83.0	43.7	111 900*
		8.0	82.0	34.5	128 400*			9.0	82.4	43.6	111 000*
		8.5	81.1	34.4	127 500*			10.0	81.0	43.4	109 200*
		9.0	80.2	34.3	126 700*			11.0	79.5	43.2	107 600*
		10.0	78.3	34.1	125 100*			12.0	78.1	43.0	101 700
		11.0	76.5	33.8	116 900			13.0	76.7	42.7	88 000
		12.0	74.6	33.5	100 500			14.0	75.2	42.4	77 600
		13.0	72.7	33.1	87 700			15.0	73.8	42.1	68 900
		14.0	70.8	32.8	77 300			16.0	72.3	41.8	61 600
		15.0	68.8	32.3	68 700			18.0	69.3	41.0	50 100
		16.0	66.9	31.9	61 400			20.0	66.2	40.1	41 400
		18.0	62.8	30.8	49 900			22.0	63.1	39.0	34 500
		20.0	58.6	29.5	41 300			24.0	59.9	37.8	29 000
		22.0	54.2	28.1	34 500			26.0	56.5	36.5	24 400
		24.0	49.4	26.3	29 000			28.0	53.0	35.0	20 600
26.0	44.3	24.3	24 400	30.0	49.3	33.2	17 400				
28.0	38.5	21.8	19 800*	32.0	45.4	31.2	14 600				
				34.0	41.2	28.9	11 200*				
				36.0	36.5	26.3	8 100*				

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M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
21.3m LUFFING JIB NO. 133A
SET AT 145 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 4 · 2	1 4 5	9.1	82.7	46.7	108 400*
		10.0	81.6	46.5	107 100*
		11.0	80.3	46.3	105 800*
		12.0	78.9	46.1	101 100
		13.0	77.6	45.9	88 200
		14.0	76.3	45.6	77 700
		15.0	74.9	45.3	69 100
		16.0	73.6	45.0	61 800
		18.0	70.8	44.3	50 200
		20.0	68.0	43.4	41 500
		22.0	65.1	42.5	34 600
		24.0	62.2	41.4	29 100
		26.0	59.1	40.2	24 500
		28.0	56.0	38.8	20 800
		30.0	52.7	37.3	17 500
		32.0	49.3	35.5	14 700
		34.0	45.7	33.6	12 200
		36.0	41.8	31.3	9 200*
38.0	37.5	28.7	6 400*		
4 7 · 2	1 5 5	9.8	82.4	49.7	106 000*
		10.0	82.1	49.6	105 700*
		11.0	80.9	49.5	104 600*
		12.0	79.7	49.2	100 700
		13.0	78.4	49.0	88 200
		14.0	77.2	48.8	77 700
		15.0	75.9	48.5	69 000
		16.0	74.7	48.2	61 700
		18.0	72.1	47.5	50 200
		20.0	69.5	46.8	41 400
		22.0	66.9	45.9	34 500
		24.0	64.1	44.9	29 000
		26.0	61.4	43.8	24 400
		28.0	58.5	42.5	20 600
		30.0	55.6	41.1	17 400
		32.0	52.5	39.6	14 600
		34.0	49.3	37.8	12 100
		36.0	45.9	35.9	9 700*
38.0	42.3	33.7	6 900*		

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
5 0 · 3	1 6 5	9.8	82.9	52.8	91 600*
		10.0	82.6	52.7	91 200*
		11.0	81.5	52.6	89 600*
		12.0	80.3	52.4	88 300*
		13.0	79.1	52.1	86 400*
		14.0	78.0	51.9	77 700
		15.0	76.8	51.7	69 000
		16.0	75.6	51.4	61 700
		18.0	73.2	50.7	50 100
		20.0	70.8	50.0	41 300
		22.0	68.3	49.2	34 400
		24.0	65.8	48.3	28 900
		26.0	63.3	47.3	24 300
		28.0	60.7	46.1	20 500
		30.0	58.0	44.8	17 200
		32.0	55.2	43.4	14 500
		34.0	52.3	41.9	12 000
		36.0	49.3	40.1	9 900*
38.0	46.1	38.2	7 400*		

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M-250 SERIES 2

**BOOM NO. 44 WITH 1524 mm TOP
24.4m LUFFING JIB NO. 133A
SET AT 150 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	133 800*
		7.0	82.3	28.5	133 200*
		7.5	81.2	28.4	132 100*
		8.0	80.1	28.3	130 900*
		8.5	78.9	28.2	129 700*
		9.0	77.8	28.0	128 500*
		10.0	75.5	27.7	126 400*
		11.0	73.1	27.4	114 700
		12.0	70.8	27.0	98 500
		13.0	68.4	26.6	85 700
		14.0	65.9	26.1	75 400
		15.0	63.4	25.5	66 800
		16.0	60.8	24.9	59 600
		18.0	55.4	23.5	48 200
		20.0	49.5	21.7	39 500
		22.0	43.0	19.6	32 500
		24.0	35.4	16.8	24 300*
		29.0	95	7.3	82.5
7.5	82.1			31.5	130 300*
8.0	81.1			31.4	129 100*
8.5	80.1			31.3	128 100*
9.0	79.1			31.2	127 000*
10.0	77.1			30.9	125 200*
11.0	75.0			30.6	115 200
12.0	72.9			30.3	98 900
13.0	70.8			29.9	86 200
14.0	68.6			29.4	75 800
15.0	66.4			29.0	67 200
16.0	64.2			28.4	60 000
18.0	59.6			27.2	48 500
20.0	54.7			25.8	39 800
22.0	49.5	24.0	33 000		
24.0	43.7	21.9	27 400*		
26.0	37.2	19.3	21 500*		
32.0	105	7.6	82.7	34.6	128 400*
		8.0	82.0	34.5	127 700*
		8.5	81.1	34.4	126 700*
		9.0	80.2	34.3	125 900*
		10.0	78.3	34.1	124 200*
		11.0	76.5	33.8	115 600
		12.0	74.6	33.5	99 300
		13.0	72.7	33.1	86 500
		14.0	70.8	32.8	76 100
		15.0	68.8	32.3	67 500
		16.0	66.9	31.9	60 200
		18.0	62.8	30.8	48 800
		20.0	58.6	29.5	40 100
		22.0	54.2	28.1	33 300
		24.0	49.4	26.3	27 800
		26.0	44.3	24.3	23 200
		28.0	38.5	21.8	18 300*
		30.0	31.8	18.6	13 000*
35.1	115	7.9	82.8	37.6	126 500*
		8.0	82.7	37.6	126 400*
		8.5	81.9	37.5	125 600*
		9.0	81.0	37.4	124 900*
		10.0	79.4	37.2	123 400*
		11.0	77.7	37.0	116 000
		12.0	76.0	36.7	99 500
		13.0	74.3	36.4	86 700
		14.0	72.5	36.0	76 300
		15.0	70.8	35.6	67 700
		16.0	69.0	35.2	60 400
		18.0	65.4	34.3	48 900
		20.0	61.7	33.2	40 200
		22.0	57.8	31.9	33 400
		24.0	53.7	30.4	27 900
		26.0	49.4	28.6	23 300
		28.0	44.7	26.6	19 400
		30.0	39.6	24.2	15 200*
32.0	33.8	21.2	11 200*		
38.1	125	8.2	82.9	40.7	114 800*
		8.5	82.5	40.6	114 200*
		9.0	81.8	40.5	112 900*
		10.0	80.2	40.3	107 900*
		11.0	78.7	40.1	106 900*
		12.0	77.1	39.8	100 500
		13.0	75.6	39.6	86 800
		14.0	74.0	39.2	76 400
		15.0	72.4	38.9	67 800
		16.0	70.8	38.5	60 500
		18.0	67.5	37.7	49 000
		20.0	64.2	36.7	40 300
		22.0	60.7	35.5	33 400
		24.0	57.1	34.2	28 000
		26.0	53.3	32.7	23 400
		28.0	49.3	30.9	19 600
		30.0	45.1	28.9	16 200*
		32.0	40.4	26.6	12 500*
34.0	35.3	23.8	9 000*		

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M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
24.4m LUFFING JIB NO. 133A
SET AT 150 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 1 - 1	1 3 5	8.5	83.0	43.7	111 900*	4 7 - 2	1 5 5	9.8	82.4	49.7	105 700*
		9.0	82.4	43.6	111 000*			10.0	82.1	49.6	105 400*
		10.0	81.0	43.4	106 800*			11.0	80.9	49.5	104 300*
		11.0	79.5	43.2	105 800*			12.0	79.7	49.2	100 000
		12.0	78.1	43.0	100 800			13.0	78.4	49.0	87 200
		13.0	76.7	42.7	87 000			14.0	77.2	48.8	76 700
		14.0	75.2	42.4	76 500			15.0	75.9	48.5	68 000
		15.0	73.8	42.1	67 900			16.0	74.7	48.2	60 700
		16.0	72.3	41.8	60 500			18.0	72.1	47.5	49 200
		18.0	69.3	41.0	49 000			20.0	69.5	46.8	40 400
		20.0	66.2	40.1	40 300			22.0	66.9	45.9	33 500
		22.0	63.1	39.0	33 400			24.0	64.1	44.9	28 000
		24.0	59.9	37.8	27 900			26.0	61.4	43.8	23 500
		26.0	56.5	36.5	23 400			28.0	58.5	42.5	19 700
		28.0	53.0	35.0	19 600			30.0	55.6	41.1	16 400
		30.0	49.3	33.2	16 300			32.0	52.5	39.6	13 600
		32.0	45.4	31.2	13 300*			34.0	49.3	37.8	11 100
		34.0	41.2	28.9	9 800*			36.0	45.9	35.9	8 400*
36.0	36.5	26.3	6 800*	38.0	42.3	33.7	5 700*				
4 4 - 2	1 4 5	9.1	82.7	46.7	108 300*	5 0 - 3	1 6 5	9.8	82.9	52.8	91 900*
		10.0	81.6	46.5	105 200*			10.0	82.6	52.7	91 500*
		11.0	80.3	46.3	104 200*			11.0	81.5	52.6	89 800*
		12.0	78.9	46.1	100 400			12.0	80.3	52.4	88 500*
		13.0	77.6	45.9	87 100			13.0	79.1	52.1	86 300*
		14.0	76.3	45.6	76 700			14.0	78.0	51.9	76 700
		15.0	74.9	45.3	68 000			15.0	76.8	51.7	68 000
		16.0	73.6	45.0	60 700			16.0	75.6	51.4	60 700
		18.0	70.8	44.3	49 200			18.0	73.2	50.7	49 100
		20.0	68.0	43.4	40 500			20.0	70.8	50.0	40 400
		22.0	65.1	42.5	33 600			22.0	68.3	49.2	33 500
		24.0	62.2	41.4	28 100			24.0	65.8	48.3	27 900
		26.0	59.1	40.2	23 600			26.0	63.3	47.3	23 400
		28.0	56.0	38.8	19 700			28.0	60.7	46.1	19 600
		30.0	52.7	37.3	16 500			30.0	58.0	44.8	16 300
		32.0	49.3	35.5	13 700			32.0	55.2	43.4	13 500
		34.0	45.7	33.6	11 000*			34.0	52.3	41.9	11 100
		36.0	41.8	31.3	7 800*			36.0	49.3	40.1	8 800*
38.0	37.5	28.7	5 100*	38.0	46.1	38.2	6 200*				

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

**BOOM NO. 44 WITH 1524 mm TOP
27.4m LUFFING JIB NO. 133A
SET AT 150 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	131 400*
		7.0	82.3	28.5	130 800*
		7.5	81.2	28.4	129 600*
		8.0	80.1	28.3	128 400*
		8.5	78.9	28.2	127 100*
		9.0	77.8	28.0	126 000*
		10.0	75.5	27.7	123 800*
		11.0	73.1	27.4	112 600
		12.0	70.8	27.0	96 500
		13.0	68.4	26.6	83 800
		14.0	65.9	26.1	73 600
		15.0	63.4	25.5	65 100
		16.0	60.8	24.9	58 000
		18.0	55.4	23.5	46 700
		20.0	49.5	21.7	38 100
		22.0	43.0	19.6	31 000
24.0	35.4	16.8	22 700*		
29.0	95	7.3	82.5	31.6	128 400*
		7.5	82.1	31.5	127 900*
		8.0	81.1	31.4	126 700*
		8.5	80.1	31.3	125 600*
		9.0	79.1	31.2	124 600*
		10.0	77.1	30.9	122 700*
		11.0	75.0	30.6	113 200
		12.0	72.9	30.3	97 000
		13.0	70.8	29.9	84 300
		14.0	68.6	29.4	74 000
		15.0	66.4	29.0	65 500
		16.0	64.2	28.4	58 400
18.0	59.6	27.2	47 000		
20.0	54.7	25.8	38 500		
22.0	49.5	24.0	31 700		
24.0	43.7	21.9	26 000*		
26.0	37.2	19.3	20 000*		
32.0	105	7.6	82.7	34.6	126 100*
		8.0	82.0	34.5	125 400*
		8.5	81.1	34.4	124 400*
		9.0	80.2	34.3	123 500*
		10.0	78.3	34.1	121 800*
		11.0	76.5	33.8	113 600
		12.0	74.6	33.5	97 400
		13.0	72.7	33.1	84 700
		14.0	70.8	32.8	74 400
		15.0	68.8	32.3	65 900
		16.0	66.9	31.9	58 700
		18.0	62.8	30.8	47 300
		20.0	58.6	29.5	38 800
		22.0	54.2	28.1	32 000
		24.0	49.4	26.3	26 600
		26.0	44.3	24.3	22 000*
28.0	38.5	21.8	16 800*		
30.0	31.8	18.6	11 600*		
35.1	115	7.9	82.8	37.6	124 300*
		8.0	82.7	37.6	124 200*
		8.5	81.9	37.5	123 300*
		9.0	81.0	37.4	122 500*
		10.0	79.4	37.2	121 100*
		11.0	77.7	37.0	114 000
		12.0	76.0	36.7	97 700
		13.0	74.3	36.4	84 900
		14.0	72.5	36.0	74 700
		15.0	70.8	35.6	66 100
		16.0	69.0	35.2	58 900
		18.0	65.4	34.3	47 500
		20.0	61.7	33.2	38 900
		22.0	57.8	31.9	32 100
		24.0	53.7	30.4	26 700
		26.0	49.4	28.6	22 200
28.0	44.7	26.6	18 200		
30.0	39.6	24.2	13 800*		
32.0	33.8	21.2	9 800*		
38.1	125	8.2	82.9	40.7	112 600*
		8.5	82.5	40.6	111 900*
		9.0	81.8	40.5	110 700*
		10.0	80.2	40.3	105 700*
		11.0	78.7	40.1	104 700*
		12.0	77.1	39.8	98 700
		13.0	75.6	39.6	85 100
		14.0	74.0	39.2	74 800
		15.0	72.4	38.9	66 300
		16.0	70.8	38.5	59 100
		18.0	67.5	37.7	47 700
		20.0	64.2	36.7	39 000
		22.0	60.7	35.5	32 200
		24.0	57.1	34.2	26 800
		26.0	53.3	32.7	22 300
		28.0	49.3	30.9	18 600
30.0	45.1	28.9	15 000*		
32.0	40.4	26.6	11 200*		
34.0	35.3	23.8	7 700*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

**BOOM NO. 44 WITH 1524 mm TOP
27.4m LUFFING JIB NO. 133A
SET AT 150 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 1 - 1	1 3 5	8.5	83.0	43.7	109 800*
		9.0	82.4	43.6	108 800*
		10.0	81.0	43.4	104 600*
		11.0	79.5	43.2	103 600*
		12.0	78.1	43.0	99 000
		13.0	76.7	42.7	85 300
		14.0	75.2	42.4	74 900
		15.0	73.8	42.1	66 400
		16.0	72.3	41.8	59 100
		18.0	69.3	41.0	47 700
		20.0	66.2	40.1	39 000
		22.0	63.1	39.0	32 300
		24.0	59.9	37.8	26 800
		26.0	56.5	36.5	22 300
		28.0	53.0	35.0	18 500
		30.0	49.3	33.2	15 300
		32.0	45.4	31.2	12 000*
		34.0	41.2	28.9	8 600*
36.0	36.5	26.3	5 600*		
4 4 - 2	1 4 5	9.1	82.7	46.7	106 100*
		10.0	81.6	46.5	103 100*
		11.0	80.3	46.3	102 100*
		12.0	78.9	46.1	98 500
		13.0	77.6	45.9	85 400
		14.0	76.3	45.6	75 100
		15.0	74.9	45.3	66 500
		16.0	73.6	45.0	59 300
		18.0	70.8	44.3	47 900
		20.0	68.0	43.4	39 300
		22.0	65.1	42.5	32 500
		24.0	62.2	41.4	27 000
		26.0	59.1	40.2	22 500
		28.0	56.0	38.8	18 700
30.0	52.7	37.3	15 500		
32.0	49.3	35.5	12 800		
34.0	45.7	33.6	9 700*		
36.0	41.8	31.3	6 700*		
4 7 - 2	1 5 5	9.8	82.4	49.7	103 700*
		10.0	82.1	49.6	101 600*
		11.0	80.9	49.5	100 600*
		12.0	79.7	49.2	98 100
		13.0	78.4	49.0	85 500
		14.0	77.2	48.8	75 200
		15.0	75.9	48.5	66 600
		16.0	74.7	48.2	59 300
		18.0	72.1	47.5	47 900
		20.0	69.5	46.8	39 200
		22.0	66.9	45.9	32 400
		24.0	64.1	44.9	26 900
		26.0	61.4	43.8	22 400
		28.0	58.5	42.5	18 600
30.0	55.6	41.1	15 400		
32.0	52.5	39.6	12 700		
34.0	49.3	37.8	10 200		
36.0	45.9	35.9	7 200*		

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
5 0 - 3	1 6 5	9.8	82.9	52.8	89 900*
		10.0	82.6	52.7	89 500*
		11.0	81.5	52.6	87 800*
		12.0	80.3	52.4	86 500*
		13.0	79.1	52.1	84 400*
		14.0	78.0	51.9	75 200
		15.0	76.8	51.7	66 600
		16.0	75.6	51.4	59 300
		18.0	73.2	50.7	47 900
		20.0	70.8	50.0	39 200
		22.0	68.3	49.2	32 400
		24.0	65.8	48.3	26 900
		26.0	63.3	47.3	22 300
		28.0	60.7	46.1	18 600
		30.0	58.0	44.8	15 300
		32.0	55.2	43.4	12 600
		34.0	52.3	41.9	10 200
		36.0	49.3	40.1	7 800*
38.0	46.1	38.2	5 000*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
30.5m LUFFING JIB NO. 133A
SET AT 160 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	132 300*
		7.0	82.3	28.5	131 700*
		7.5	81.2	28.4	130 900*
		8.0	80.1	28.3	130 200*
		8.5	78.9	28.2	129 400*
		9.0	77.8	28.0	128 600*
		10.0	75.5	27.7	126 400*
		11.0	73.1	27.4	112 900
		12.0	70.8	27.0	96 600
		13.0	68.4	26.6	83 800
		14.0	65.9	26.1	73 400
		15.0	63.4	25.5	64 800
		16.0	60.8	24.9	57 500
		18.0	55.4	23.5	46 000
		20.0	49.5	21.7	37 300
		22.0	43.0	19.6	29 800*
		24.0	35.4	16.8	21 200*
		29.0	95	7.3	82.5
7.5	82.1			31.5	130 800*
8.0	81.1			31.4	129 500*
8.5	80.1			31.3	128 300*
9.0	79.1			31.2	127 200*
10.0	77.1			30.9	125 100*
11.0	75.0			30.6	113 600
12.0	72.9			30.3	97 300
13.0	70.8			29.9	84 400
14.0	68.6			29.4	73 900
15.0	66.4			29.0	65 300
16.0	64.2			28.4	58 000
18.0	59.6			27.2	46 500
20.0	54.7			25.8	37 800
22.0	49.5	24.0	30 900		
24.0	43.7	21.9	24 800*		
26.0	37.2	19.3	18 600*		
32.0	105	7.6	82.7	34.6	128 800*
		8.0	82.0	34.5	128 000*
		8.5	81.1	34.4	126 900*
		9.0	80.2	34.3	125 900*
		10.0	78.3	34.1	124 100*
		11.0	76.5	33.8	114 200
		12.0	74.6	33.5	97 700
		13.0	72.7	33.1	84 900
		14.0	70.8	32.8	74 400
		15.0	68.8	32.3	65 700
		16.0	66.9	31.9	58 500
		18.0	62.8	30.8	46 900
		20.0	58.6	29.5	38 200
		22.0	54.2	28.1	31 300
		24.0	49.4	26.3	25 800
		26.0	44.3	24.3	20 800*
		28.0	38.5	21.8	15 500*
		30.0	31.8	18.6	10 200*
35.1	115	7.9	82.8	37.6	126 800*
		8.0	82.7	37.6	126 600*
		8.5	81.9	37.5	125 700*
		9.0	81.0	37.4	124 900*
		10.0	79.4	37.2	123 300*
		11.0	77.7	37.0	114 600
		12.0	76.0	36.7	98 200
		13.0	74.3	36.4	85 200
		14.0	72.5	36.0	74 800
		15.0	70.8	35.6	66 100
		16.0	69.0	35.2	58 800
		18.0	65.4	34.3	47 200
		20.0	61.7	33.2	38 400
		22.0	57.8	31.9	31 600
		24.0	53.7	30.4	26 000
		26.0	49.4	28.6	21 400
		28.0	44.7	26.6	17 200*
		30.0	39.6	24.2	12 600*
32.0	33.8	21.2	8 500*		
38.1	125	8.2	82.9	40.7	116 800*
		8.5	82.5	40.6	116 100*
		9.0	81.8	40.5	114 800*
		10.0	80.2	40.3	112 400*
		11.0	78.7	40.1	110 100*
		12.0	77.1	39.8	99 000
		13.0	75.6	39.6	85 500
		14.0	74.0	39.2	75 000
		15.0	72.4	38.9	66 300
		16.0	70.8	38.5	59 000
		18.0	67.5	37.7	47 400
		20.0	64.2	36.7	38 700
		22.0	60.7	35.5	31 800
		24.0	57.1	34.2	26 200
		26.0	53.3	32.7	21 700
		28.0	49.3	30.9	17 800
		30.0	45.1	28.9	14 000*
		32.0	40.4	26.6	10 000*
34.0	35.3	23.8	6 500*		

MANITOWOC ENGINEERING CO.

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LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
30.5m LUFFING JIB NO. 133A
SET AT 160 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 1 1	1 3 5	8.5	83.0	43.7	113 700*
		9.0	82.4	43.6	112 700*
		10.0	81.0	43.4	107 600*
		11.0	79.5	43.2	106 600*
		12.0	78.1	43.0	99 400
		13.0	76.7	42.7	85 700
		14.0	75.2	42.4	75 200
		15.0	73.8	42.1	66 400
		16.0	72.3	41.8	59 100
		18.0	69.3	41.0	47 500
		20.0	66.2	40.1	38 800
		22.0	63.1	39.0	31 800
		24.0	59.9	37.8	26 300
		26.0	56.5	36.5	21 700
		28.0	53.0	35.0	17 900
		30.0	49.3	33.2	14 600
		32.0	45.4	31.2	11 000*
		34.0	41.2	28.9	7 500*
4 4 2	1 4 5	9.1	82.7	46.7	110 500*
		10.0	81.6	46.5	106 500*
		11.0	80.3	46.3	105 500*
		12.0	78.9	46.1	99 800
		13.0	77.6	45.9	85 900
		14.0	76.3	45.6	75 400
		15.0	74.9	45.3	66 700
		16.0	73.6	45.0	59 400
		18.0	70.8	44.3	47 800
		20.0	68.0	43.4	39 000
		22.0	65.1	42.5	32 100
		24.0	62.2	41.4	26 500
		26.0	59.1	40.2	21 900
		28.0	56.0	38.8	18 100
30.0	52.7	37.3	14 900		
32.0	49.3	35.5	12 100		
34.0	45.7	33.6	8 700*		
36.0	41.8	31.3	5 600*		
4 7 2	1 5 5	9.8	82.4	49.7	107 000*
		10.0	82.1	49.6	104 000*
		11.0	80.9	49.5	103 000*
		12.0	79.7	49.2	99 800
		13.0	78.4	49.0	86 000
		14.0	77.2	48.8	75 500
		15.0	75.9	48.5	66 800
		16.0	74.7	48.2	59 400
		18.0	72.1	47.5	47 800
		20.0	69.5	46.8	39 000
		22.0	66.9	45.9	32 100
		24.0	64.1	44.9	26 500
		26.0	61.4	43.8	21 900
		28.0	58.5	42.5	18 100
		30.0	55.6	41.1	14 800
		32.0	52.5	39.6	12 000
34.0	49.3	37.8	9 400*		
36.0	45.9	35.9	6 200*		

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
5 0 3	1 6 5	9.8	82.9	52.8	94 300*
		10.0	82.6	52.7	93 900*
		11.0	81.5	52.6	92 100*
		12.0	80.3	52.4	90 500*
		13.0	79.1	52.1	86 800
		14.0	78.0	51.9	75 500
		15.0	76.8	51.7	66 800
		16.0	75.6	51.4	59 500
		18.0	73.2	50.7	47 800
		20.0	70.8	50.0	39 000
		22.0	68.3	49.2	32 100
		24.0	65.8	48.3	26 500
		26.0	63.3	47.3	21 900
		28.0	60.7	46.1	18 100
		30.0	58.0	44.8	14 800
		32.0	55.2	43.4	12 000
		34.0	52.3	41.9	9 500
		36.0	49.3	40.1	6 900*

MANITOWOC ENGINEERING CO.

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LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
33.5m LUFFING JIB NO. 133A
SET AT 160 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	130 300*	35.1	115	7.9	82.8	37.6	125 000*
		7.0	82.3	28.5	129 800*			8.0	82.7	37.6	124 900*
		7.5	81.2	28.4	128 900*			8.5	81.9	37.5	123 900*
		8.0	80.1	28.3	128 100*			9.0	81.0	37.4	123 000*
		8.5	78.9	28.2	127 300*			10.0	79.4	37.2	121 300*
		9.0	77.8	28.0	126 400*			11.0	77.7	37.0	112 700
		10.0	75.5	27.7	124 300*			12.0	76.0	36.7	96 300
		11.0	73.1	27.4	110 800			13.0	74.3	36.4	83 500
		12.0	70.8	27.0	94 600			14.0	72.5	36.0	73 100
		13.0	68.4	26.6	81 900			15.0	70.8	35.6	64 500
		14.0	65.9	26.1	71 500			16.0	69.0	35.2	57 300
		15.0	63.4	25.5	63 000			18.0	65.4	34.3	45 800
		16.0	60.8	24.9	55 800			20.0	61.7	33.2	37 100
		18.0	55.4	23.5	44 400			22.0	57.8	31.9	30 300
		20.0	49.5	21.7	35 700			24.0	53.7	30.4	24 700
		22.0	43.0	19.6	27 900*			26.0	49.4	28.6	20 200
24.0	35.4	16.8	19 300*	28.0	44.7	26.6	15 700*				
29.0	95	7.3	82.5	31.6	129 400*	38.1	125	8.2	82.9	40.7	115 100*
		7.5	82.1	31.5	128 900*			8.5	82.5	40.6	114 400*
		8.0	81.1	31.4	127 600*			9.0	81.8	40.5	113 100*
		8.5	80.1	31.3	126 400*			10.0	80.2	40.3	110 600*
		9.0	79.1	31.2	125 200*			11.0	78.7	40.1	108 300*
		10.0	77.1	30.9	123 000*			12.0	77.1	39.8	97 200
		11.0	75.0	30.6	111 600			13.0	75.6	39.6	83 800
		12.0	72.9	30.3	95 300			14.0	74.0	39.2	73 400
		13.0	70.8	29.9	82 500			15.0	72.4	38.9	64 800
		14.0	68.6	29.4	72 200			16.0	70.8	38.5	57 500
		15.0	66.4	29.0	63 600			18.0	67.5	37.7	46 000
		16.0	64.2	28.4	56 400			20.0	64.2	36.7	37 300
		18.0	59.6	27.2	44 900			22.0	60.7	35.5	30 500
		20.0	54.7	25.8	36 300			24.0	57.1	34.2	25 000
22.0	49.5	24.0	29 500	26.0	53.3	32.7	20 500				
24.0	43.7	21.9	23 200*	28.0	49.3	30.9	16 600				
26.0	37.2	19.3	16 900*	30.0	45.1	28.9	12 600*				
32.0	105	7.6	82.7	34.6	127 000*	41.1	135	8.5	83.0	43.7	112 000*
		8.0	82.0	34.5	126 100*			9.0	82.4	43.6	111 000*
		8.5	81.1	34.4	125 000*			10.0	81.0	43.4	108 900*
		9.0	80.2	34.3	124 000*			11.0	79.5	43.2	106 900*
		10.0	78.3	34.1	122 100*			12.0	78.1	43.0	97 600
		11.0	76.5	33.8	112 200			13.0	76.7	42.7	84 000
		12.0	74.6	33.5	95 900			14.0	75.2	42.4	73 600
		13.0	72.7	33.1	83 100			15.0	73.8	42.1	65 000
		14.0	70.8	32.8	72 700			16.0	72.3	41.8	57 700
		15.0	68.8	32.3	64 100			18.0	69.3	41.0	46 200
		16.0	66.9	31.9	56 900			20.0	66.2	40.1	37 500
		18.0	62.8	30.8	45 400			22.0	63.1	39.0	30 600
		20.0	58.6	29.5	36 800			24.0	59.9	37.8	25 100
		22.0	54.2	28.1	30 000			26.0	56.5	36.5	20 600
		24.0	49.4	26.3	24 500			28.0	53.0	35.0	16 800
		26.0	44.3	24.3	19 200*			30.0	49.3	33.2	13 300*
		28.0	38.5	21.8	14 000*			32.0	45.4	31.2	9 600*
		30.0	31.8	18.6	8 700*			34.0	41.2	28.9	6 200*

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
33.5m LUFFING JIB NO. 133A
SET AT 160 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 · 2	1 4 5	9.1	82.7	46.7	108 100*
		10.0	81.6	46.5	104 200*
		11.0	80.3	46.3	103 200*
		12.0	78.9	46.1	98 100
		13.0	77.6	45.9	84 300
		14.0	76.3	45.6	73 900
		15.0	74.9	45.3	65 300
		16.0	73.6	45.0	58 000
		18.0	70.8	44.3	46 500
		20.0	68.0	43.4	37 700
		22.0	65.1	42.5	30 900
		24.0	62.2	41.4	25 400
		26.0	59.1	40.2	20 800
		28.0	56.0	38.8	17 000
30.0	52.7	37.3	13 800		
32.0	49.3	35.5	10 800*		
34.0	45.7	33.6	7 300*		
4 7 · 2	1 5 5	9.8	82.4	49.7	105 400*
		10.0	82.1	49.6	102 300*
		11.0	80.9	49.5	101 300*
		12.0	79.7	49.2	98 100
		13.0	78.4	49.0	84 500
		14.0	77.2	48.8	74 000
		15.0	75.9	48.5	65 300
		16.0	74.7	48.2	58 100
		18.0	72.1	47.5	46 500
		20.0	69.5	46.8	37 800
		22.0	66.9	45.9	30 900
		24.0	64.1	44.9	25 400
		26.0	61.4	43.8	20 800
		28.0	58.5	42.5	17 000
30.0	55.6	41.1	13 800		
32.0	52.5	39.6	11 000		
34.0	49.3	37.8	8 100*		
5 0 · 3	1 6 5	9.8	82.9	52.8	92 800*
		10.0	82.6	52.7	92 300*
		11.0	81.5	52.6	90 600*
		12.0	80.3	52.4	89 000*
		13.0	79.1	52.1	85 200
		14.0	78.0	51.9	74 100
		15.0	76.8	51.7	65 400
		16.0	75.6	51.4	58 100
		18.0	73.2	50.7	46 500
		20.0	70.8	50.0	37 800
		22.0	68.3	49.2	30 900
		24.0	65.8	48.3	25 400
		26.0	63.3	47.3	20 800
		28.0	60.7	46.1	17 000
30.0	58.0	44.8	13 800		
32.0	55.2	43.4	11 000		
34.0	52.3	41.9	8 500		
36.0	49.3	40.1	5 600*		

MANITOWOC ENGINEERING CO.

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LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
36.6m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	131 800*	35.1	115	7.9	82.8	37.6	127 700*
		7.0	82.3	28.5	131 200*			8.0	82.7	37.6	127 600*
		7.5	81.2	28.4	130 200*			8.5	81.9	37.5	126 600*
		8.0	80.1	28.3	129 300*			9.0	81.0	37.4	125 600*
		8.5	78.9	28.2	128 400*			10.0	79.4	37.2	123 800*
		9.0	77.8	28.0	127 600*			11.0	77.7	37.0	114 000
		10.0	75.5	27.7	125 900*			12.0	76.0	36.7	97 300
		11.0	73.1	27.4	111 700			13.0	74.3	36.4	84 300
		12.0	70.8	27.0	95 200			14.0	72.5	36.0	73 600
		13.0	68.4	26.6	82 200			15.0	70.8	35.6	64 900
		14.0	65.9	26.1	71 700			16.0	69.0	35.2	57 500
		15.0	63.4	25.5	63 000			18.0	65.4	34.3	45 800
		16.0	60.8	24.9	55 600			20.0	61.7	33.2	36 900
		18.0	55.4	23.5	43 900			22.0	57.8	31.9	29 900
		20.0	49.5	21.7	35 000			24.0	53.7	30.4	24 300
		22.0	43.0	19.6	26 800*			26.0	49.4	28.6	19 600
24.0	35.4	16.8	18 000*	28.0	44.7	26.6	14 800*				
				30.0	39.6	24.2	10 000*				
				32.0	33.8	21.2	5 900*				
29.0	95	7.3	82.5	31.6	131 700*	38.1	125	8.2	82.9	40.7	119 200*
		7.5	82.1	31.5	131 400*			8.5	82.5	40.6	118 300*
		8.0	81.1	31.4	130 300*			9.0	81.8	40.5	116 900*
		8.5	80.1	31.3	129 200*			10.0	80.2	40.3	114 300*
		9.0	79.1	31.2	128 000*			11.0	78.7	40.1	111 800*
		10.0	77.1	30.9	125 600*			12.0	77.1	39.8	98 000
		11.0	75.0	30.6	112 600			13.0	75.6	39.6	84 600
		12.0	72.9	30.3	96 100			14.0	74.0	39.2	74 000
		13.0	70.8	29.9	83 100			15.0	72.4	38.9	65 200
		14.0	68.6	29.4	72 500			16.0	70.8	38.5	57 800
		15.0	66.4	29.0	63 700			18.0	67.5	37.7	46 100
		16.0	64.2	28.4	56 300			20.0	64.2	36.7	37 200
		18.0	59.6	27.2	44 700			22.0	60.7	35.5	30 200
		20.0	54.7	25.8	35 900			24.0	57.1	34.2	24 600
22.0	49.5	24.0	28 800	26.0	53.3	32.7	20 000				
24.0	43.7	21.9	22 300*	28.0	49.3	30.9	16 000				
26.0	37.2	19.3	15 700*	30.0	45.1	28.9	11 700*				
				32.0	40.4	26.6	7 600*				
32.0	105	7.6	82.7	34.6	129 900*	41.1	135	8.5	83.0	43.7	115 800*
		8.0	82.0	34.5	128 900*			9.0	82.4	43.6	114 700*
		8.5	81.1	34.4	127 800*			10.0	81.0	43.4	112 400*
		9.0	80.2	34.3	126 600*			11.0	79.5	43.2	110 200*
		10.0	78.3	34.1	124 600*			12.0	78.1	43.0	98 600
		11.0	76.5	33.8	113 300			13.0	76.7	42.7	84 900
		12.0	74.6	33.5	96 800			14.0	75.2	42.4	74 300
		13.0	72.7	33.1	83 700			15.0	73.8	42.1	65 500
		14.0	70.8	32.8	73 100			16.0	72.3	41.8	58 100
		15.0	68.8	32.3	64 400			18.0	69.3	41.0	46 300
		16.0	66.9	31.9	57 000			20.0	66.2	40.1	37 400
		18.0	62.8	30.8	45 300			22.0	63.1	39.0	30 400
		20.0	58.6	29.5	36 400			24.0	59.9	37.8	24 800
		22.0	54.2	28.1	29 500			26.0	56.5	36.5	20 200
		24.0	49.4	26.3	23 900			28.0	53.0	35.0	16 300
		26.0	44.3	24.3	18 200*			30.0	49.3	33.2	12 700*
		28.0	38.5	21.8	12 800*			32.0	45.4	31.2	8 800*
		30.0	31.8	18.6	7 400*						

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
36.6m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	112 400*
		10.0	81.6	46.5	107 600*
		11.0	80.3	46.3	106 600*
		12.0	78.9	46.1	99 100
		13.0	77.6	45.9	85 200
		14.0	76.3	45.6	74 600
		15.0	74.9	45.3	65 800
		16.0	73.6	45.0	58 400
		18.0	70.8	44.3	46 700
		20.0	68.0	43.4	37 800
		22.0	65.1	42.5	30 800
		24.0	62.2	41.4	25 100
		26.0	59.1	40.2	20 500
		28.0	56.0	38.8	16 600
		30.0	52.7	37.3	13 300
		32.0	49.3	35.5	10 000*
34.0	45.7	33.6	6 500*		
4 7 - 2	1 5 5	9.8	82.4	49.7	108 700*
		10.0	82.1	49.6	105 000*
		11.0	80.9	49.5	104 000*
		12.0	79.7	49.2	99 500
		13.0	78.4	49.0	85 400
		14.0	77.2	48.8	74 800
		15.0	75.9	48.5	66 000
		16.0	74.7	48.2	58 500
		18.0	72.1	47.5	46 800
		20.0	69.5	46.8	37 800
		22.0	66.9	45.9	30 900
		24.0	64.1	44.9	25 200
		26.0	61.4	43.8	20 600
		28.0	58.5	42.5	16 700
		30.0	55.6	41.1	13 400
		32.0	52.5	39.6	10 500
34.0	49.3	37.8	7 300*		
5 0 - 3	1 6 5	9.8	82.9	52.8	97 800*
		10.0	82.6	52.7	97 300*
		11.0	81.5	52.6	95 400*
		12.0	80.3	52.4	93 600*
		13.0	79.1	52.1	85 800
		14.0	78.0	51.9	74 900
		15.0	76.8	51.7	66 000
		16.0	75.6	51.4	58 600
		18.0	73.2	50.7	46 900
		20.0	70.8	50.0	37 900
		22.0	68.3	49.2	30 900
		24.0	65.8	48.3	25 300
		26.0	63.3	47.3	20 600
		28.0	60.7	46.1	16 700
		30.0	58.0	44.8	13 400
		32.0	55.2	43.4	10 600
34.0	52.3	41.9	8 000		

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LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
39.6m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	130 600*	35.1	115	7.9	82.8	37.6	126 600*
		7.0	82.3	28.5	129 900*			8.0	82.7	37.6	126 400*
		7.5	81.2	28.4	128 900*			8.5	81.9	37.5	125 400*
		8.0	80.1	28.3	127 900*			9.0	81.0	37.4	124 400*
		8.5	78.9	28.2	127 000*			10.0	79.4	37.2	122 500*
		9.0	77.8	28.0	126 100*			11.0	77.7	37.0	112 600
		10.0	75.5	27.7	124 300*			12.0	76.0	36.7	96 100
		11.0	73.1	27.4	110 200			13.0	74.3	36.4	83 000
		12.0	70.8	27.0	93 800			14.0	72.5	36.0	72 500
		13.0	68.4	26.6	80 800			15.0	70.8	35.6	63 700
		14.0	65.9	26.1	70 400			16.0	69.0	35.2	56 400
		15.0	63.4	25.5	61 600			18.0	65.4	34.3	44 700
		16.0	60.8	24.9	54 300			20.0	61.7	33.2	35 900
		18.0	55.4	23.5	42 700			22.0	57.8	31.9	29 000
		20.0	49.5	21.7	33 900			24.0	53.7	30.4	23 400
22.0	43.0	19.6	25 300*	26.0	49.4	28.6	18 700				
24.0	35.4	16.8	16 600*	28.0	44.7	26.6	13 600*				
29.0	95	7.3	82.5	31.6	130 500*	38.1	125	8.2	82.9	40.7	118 100*
		7.5	82.1	31.5	130 100*			8.5	82.5	40.6	117 300*
		8.0	81.1	31.4	129 100*			9.0	81.8	40.5	115 900*
		8.5	80.1	31.3	127 900*			10.0	80.2	40.3	113 200*
		9.0	79.1	31.2	126 600*			11.0	78.7	40.1	110 600*
		10.0	77.1	30.9	124 200*			12.0	77.1	39.8	96 800
		11.0	75.0	30.6	111 200			13.0	75.6	39.6	83 400
		12.0	72.9	30.3	94 700			14.0	74.0	39.2	72 900
		13.0	70.8	29.9	81 700			15.0	72.4	38.9	64 200
		14.0	68.6	29.4	71 200			16.0	70.8	38.5	56 800
		15.0	66.4	29.0	62 500			18.0	67.5	37.7	45 100
		16.0	64.2	28.4	55 100			20.0	64.2	36.7	36 300
		18.0	59.6	27.2	43 600			22.0	60.7	35.5	29 300
		20.0	54.7	25.8	34 800			24.0	57.1	34.2	23 800
		22.0	49.5	24.0	27 700			26.0	53.3	32.7	19 100
24.0	43.7	21.9	20 900*	28.0	49.3	30.9	15 100				
26.0	37.2	19.3	14 500*	30.0	45.1	28.9	10 600*				
32.0	105	7.6	82.7	34.6	128 700*	41.1	135	8.5	83.0	43.7	114 800*
		8.0	82.0	34.5	127 800*			9.0	82.4	43.6	113 600*
		8.5	81.1	34.4	126 500*			10.0	81.0	43.4	111 400*
		9.0	80.2	34.3	125 400*			11.0	79.5	43.2	109 100*
		10.0	78.3	34.1	123 200*			12.0	78.1	43.0	97 300
		11.0	76.5	33.8	112 000			13.0	76.7	42.7	83 800
		12.0	74.6	33.5	95 400			14.0	75.2	42.4	73 200
		13.0	72.7	33.1	82 400			15.0	73.8	42.1	64 400
		14.0	70.8	32.8	71 900			16.0	72.3	41.8	57 000
		15.0	68.8	32.3	63 200			18.0	69.3	41.0	45 400
		16.0	66.9	31.9	55 900			20.0	66.2	40.1	36 500
		18.0	62.8	30.8	44 200			22.0	63.1	39.0	29 600
		20.0	58.6	29.5	35 400			24.0	59.9	37.8	23 900
		22.0	54.2	28.1	28 500			26.0	56.5	36.5	19 400
		24.0	49.4	26.3	22 900			28.0	53.0	35.0	15 500
26.0	44.3	24.3	17 100*	30.0	49.3	33.2	11 800*				
28.0	38.5	21.8	11 600*	32.0	45.4	31.2	7 800*				
30.0	31.8	18.6	6 300*								

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
39.6m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

MEETS
ANSI B30.5
REQUIREMENTS

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	111 400*
		10.0	81.6	46.5	109 700*
		11.0	80.3	46.3	107 800*
		12.0	78.9	46.1	97 900
		13.0	77.6	45.9	84 200
		14.0	76.3	45.6	73 500
		15.0	74.9	45.3	64 800
		16.0	73.6	45.0	57 400
		18.0	70.8	44.3	45 700
		20.0	68.0	43.4	36 900
		22.0	65.1	42.5	29 900
		24.0	62.2	41.4	24 300
		26.0	59.1	40.2	19 700
		28.0	56.0	38.8	15 800
		30.0	52.7	37.3	12 600
32.0	49.3	35.5	9 100*		
4 7 - 2	1 5 5	9.8	82.4	49.7	107 700*
		10.0	82.1	49.6	103 900*
		11.0	80.9	49.5	102 900*
		12.0	79.7	49.2	98 400
		13.0	78.4	49.0	84 400
		14.0	77.2	48.8	73 800
		15.0	75.9	48.5	65 000
		16.0	74.7	48.2	57 600
		18.0	72.1	47.5	45 900
		20.0	69.5	46.8	37 000
		22.0	66.9	45.9	30 000
		24.0	64.1	44.9	24 400
		26.0	61.4	43.8	19 800
		28.0	58.5	42.5	15 900
		30.0	55.6	41.1	12 600
32.0	52.5	39.6	9 800		
34.0	49.3	37.8	6 400*		
5 0 - 3	1 6 5	9.8	82.9	52.8	96 900*
		10.0	82.6	52.7	96 400*
		11.0	81.5	52.6	94 500*
		12.0	80.3	52.4	92 600*
		13.0	79.1	52.1	84 800
		14.0	78.0	51.9	73 900
		15.0	76.8	51.7	65 100
		16.0	75.6	51.4	57 700
		18.0	73.2	50.7	46 000
		20.0	70.8	50.0	37 100
		22.0	68.3	49.2	30 100
		24.0	65.8	48.3	24 500
		26.0	63.3	47.3	19 900
		28.0	60.7	46.1	16 000
		30.0	58.0	44.8	12 700
32.0	55.2	43.4	9 900		
34.0	52.3	41.9	7 200*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
42.7m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	128 500*	35.1	115	7.9	82.8	37.6	124 800*
		7.0	82.3	28.5	127 800*			8.0	82.7	37.6	124 600*
		7.5	81.2	28.4	126 700*			8.5	81.9	37.5	123 500*
		8.0	80.1	28.3	125 700*			9.0	81.0	37.4	122 400*
		8.5	78.9	28.2	124 700*			10.0	79.4	37.2	120 500*
		9.0	77.8	28.0	123 700*			11.0	77.7	37.0	110 800
		10.0	75.5	27.7	121 900*			12.0	76.0	36.7	94 300
		11.0	73.1	27.4	108 200			13.0	74.3	36.4	81 400
		12.0	70.8	27.0	91 800			14.0	72.5	36.0	70 900
		13.0	68.4	26.6	78 900			15.0	70.8	35.6	62 200
		14.0	65.9	26.1	68 500			16.0	69.0	35.2	54 800
		15.0	63.4	25.5	59 900			18.0	65.4	34.3	43 200
		16.0	60.8	24.9	52 600			20.0	61.7	33.2	34 500
		18.0	55.4	23.5	41 000			22.0	57.8	31.9	27 500
		20.0	49.5	21.7	32 200			24.0	53.7	30.4	22 000
		22.0	43.0	19.6	23 200*			26.0	49.4	28.6	17 200*
24.0	35.4	16.8	14 600*	28.0	44.7	26.6	11 800*				
				30.0	39.6	24.2	7 200*				
29.0	95	7.3	82.5	31.6	128 500*	38.1	125	8.2	82.9	40.7	116 400*
		7.5	82.1	31.5	128 100*			8.5	82.5	40.6	115 600*
		8.0	81.1	31.4	127 000*			9.0	81.8	40.5	114 200*
		8.5	80.1	31.3	125 800*			10.0	80.2	40.3	111 500*
		9.0	79.1	31.2	124 600*			11.0	78.7	40.1	108 800*
		10.0	77.1	30.9	122 000*			12.0	77.1	39.8	95 100
		11.0	75.0	30.6	109 200			13.0	75.6	39.6	81 800
		12.0	72.9	30.3	92 900			14.0	74.0	39.2	71 300
		13.0	70.8	29.9	79 900			15.0	72.4	38.9	62 600
		14.0	68.6	29.4	69 500			16.0	70.8	38.5	55 300
		15.0	66.4	29.0	60 800			18.0	67.5	37.7	43 700
		16.0	64.2	28.4	53 500			20.0	64.2	36.7	34 900
		18.0	59.6	27.2	41 900			22.0	60.7	35.5	28 000
		20.0	54.7	25.8	33 200			24.0	57.1	34.2	22 400
		22.0	49.5	24.0	26 000			26.0	53.3	32.7	17 900
		24.0	43.7	21.9	18 900*			28.0	49.3	30.9	13 700*
26.0	37.2	19.3	12 500*	30.0	45.1	28.9	8 900*				
				32.0	40.4	26.6	4 900*				
32.0	105	7.6	82.7	34.6	126 900*	41.1	135	8.5	83.0	43.7	113 200*
		8.0	82.0	34.5	125 900*			9.0	82.4	43.6	112 000*
		8.5	81.1	34.4	124 600*			10.0	81.0	43.4	109 700*
		9.0	80.2	34.3	123 400*			11.0	79.5	43.2	107 400*
		10.0	78.3	34.1	121 200*			12.0	78.1	43.0	95 700
		11.0	76.5	33.8	110 100			13.0	76.7	42.7	82 200
		12.0	74.6	33.5	93 700			14.0	75.2	42.4	71 700
		13.0	72.7	33.1	80 700			15.0	73.8	42.1	63 000
		14.0	70.8	32.8	70 300			16.0	72.3	41.8	55 600
		15.0	68.8	32.3	61 600			18.0	69.3	41.0	44 000
		16.0	66.9	31.9	54 300			20.0	66.2	40.1	35 200
		18.0	62.8	30.8	42 700			22.0	63.1	39.0	28 200
		20.0	58.6	29.5	33 900			24.0	59.9	37.8	22 700
		22.0	54.2	28.1	27 000			26.0	56.5	36.5	18 100
		24.0	49.4	26.3	21 200*			28.0	53.0	35.0	14 200
		26.0	44.3	24.3	15 200*			30.0	49.3	33.2	10 300*
28.0	38.5	21.8	9 900*	32.0	45.4	31.2	6 200*				

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
42.7m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	109 700*
		10.0	81.6	46.5	108 000*
		11.0	80.3	46.3	106 100*
		12.0	78.9	46.1	96 300
		13.0	77.6	45.9	82 600
		14.0	76.3	45.6	72 100
		15.0	74.9	45.3	63 400
		16.0	73.6	45.0	56 000
		18.0	70.8	44.3	44 400
		20.0	68.0	43.4	35 600
		22.0	65.1	42.5	28 700
		24.0	62.2	41.4	23 100
		26.0	59.1	40.2	18 500
		28.0	56.0	38.8	14 700
		30.0	52.7	37.3	11 300*
32.0	49.3	35.5	7 600*		
4 7 - 2	1 5 5	9.8	82.4	49.7	106 000*
		10.0	82.1	49.6	102 200*
		11.0	80.9	49.5	101 200*
		12.0	79.7	49.2	96 900
		13.0	78.4	49.0	82 900
		14.0	77.2	48.8	72 300
		15.0	75.9	48.5	63 600
		16.0	74.7	48.2	56 200
		18.0	72.1	47.5	44 600
		20.0	69.5	46.8	35 800
		22.0	66.9	45.9	28 800
		24.0	64.1	44.9	23 200
		26.0	61.4	43.8	18 600
		28.0	58.5	42.5	14 800
		30.0	55.6	41.1	11 500
32.0	52.5	39.6	8 400*		
5 0 - 3	1 6 5	9.8	82.9	52.8	95 400*
		10.0	82.6	52.7	94 900*
		11.0	81.5	52.6	92 900*
		12.0	80.3	52.4	91 100*
		13.0	79.1	52.1	83 300
		14.0	78.0	51.9	72 500
		15.0	76.8	51.7	63 700
		16.0	75.6	51.4	56 300
		18.0	73.2	50.7	44 700
		20.0	70.8	50.0	35 900
		22.0	68.3	49.2	28 900
		24.0	65.8	48.3	23 300
		26.0	63.3	47.3	18 700
		28.0	60.7	46.1	14 900
		30.0	58.0	44.8	11 600
32.0	55.2	43.4	8 800		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
45.7m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	126 800*	35.1	115	7.9	82.8	37.6	123 100*
		7.0	82.3	28.5	126 000*			8.0	82.7	37.6	123 000*
		7.5	81.2	28.4	124 800*			8.5	81.9	37.5	121 900*
		8.0	80.1	28.3	123 700*			9.0	81.0	37.4	120 800*
		8.5	78.9	28.2	122 600*			10.0	79.4	37.2	118 700*
		9.0	77.8	28.0	121 600*			11.0	77.7	37.0	109 000
		10.0	75.5	27.7	119 700*			12.0	76.0	36.7	92 600
		11.0	73.1	27.4	106 100			13.0	74.3	36.4	79 700
		12.0	70.8	27.0	89 800			14.0	72.5	36.0	69 300
		13.0	68.4	26.6	77 000			15.0	70.8	35.6	60 600
		14.0	65.9	26.1	66 600			16.0	69.0	35.2	53 300
		15.0	63.4	25.5	58 000			18.0	65.4	34.3	41 800
		16.0	60.8	24.9	50 800			20.0	61.7	33.2	33 100
		18.0	55.4	23.5	39 300			22.0	57.8	31.9	26 200
		20.0	49.5	21.7	30 200*			24.0	53.7	30.4	20 700
		22.0	43.0	19.6	21 100*			26.0	49.4	28.6	15 500*
24.0	35.4	16.8	12 600*	28.0	44.7	26.6	10 200*				
				30.0	39.6	24.2	5 600*				
29.0	95	7.3	82.5	31.6	126 700*	38.1	125	8.2	82.9	40.7	115 000*
		7.5	82.1	31.5	126 300*			8.5	82.5	40.6	114 200*
		8.0	81.1	31.4	125 200*			9.0	81.8	40.5	112 700*
		8.5	80.1	31.3	124 000*			10.0	80.2	40.3	109 900*
		9.0	79.1	31.2	122 700*			11.0	78.7	40.1	107 200*
		10.0	77.1	30.9	120 100*			12.0	77.1	39.8	93 400
		11.0	75.0	30.6	107 300			13.0	75.6	39.6	80 200
		12.0	72.9	30.3	91 000			14.0	74.0	39.2	69 800
		13.0	70.8	29.9	78 100			15.0	72.4	38.9	61 100
		14.0	68.6	29.4	67 700			16.0	70.8	38.5	53 800
		15.0	66.4	29.0	59 100			18.0	67.5	37.7	42 300
		16.0	64.2	28.4	51 900			20.0	64.2	36.7	33 500
		18.0	59.6	27.2	40 300			22.0	60.7	35.5	26 700
		20.0	54.7	25.8	31 600			24.0	57.1	34.2	21 200
		22.0	49.5	24.0	24 400			26.0	53.3	32.7	16 600
		24.0	43.7	21.9	17 000*			28.0	49.3	30.9	12 000*
26.0	37.2	19.3	10 700*	30.0	45.1	28.9	7 400*				
32.0	105	7.6	82.7	34.6	125 200*	41.1	135	8.5	83.0	43.7	111 700*
		8.0	82.0	34.5	124 200*			9.0	82.4	43.6	110 500*
		8.5	81.1	34.4	122 900*			10.0	81.0	43.4	108 100*
		9.0	80.2	34.3	121 600*			11.0	79.5	43.2	105 800*
		10.0	78.3	34.1	119 300*			12.0	78.1	43.0	94 100
		11.0	76.5	33.8	108 200			13.0	76.7	42.7	80 700
		12.0	74.6	33.5	91 900			14.0	75.2	42.4	70 200
		13.0	72.7	33.1	79 000			15.0	73.8	42.1	61 500
		14.0	70.8	32.8	68 600			16.0	72.3	41.8	54 200
		15.0	68.8	32.3	60 000			18.0	69.3	41.0	42 700
		16.0	66.9	31.9	52 700			20.0	66.2	40.1	33 900
		18.0	62.8	30.8	41 200			22.0	63.1	39.0	27 000
		20.0	58.6	29.5	32 500			24.0	59.9	37.8	21 500
		22.0	54.2	28.1	25 600			26.0	56.5	36.5	16 900
		24.0	49.4	26.3	19 600*			28.0	53.0	35.0	13 000
		26.0	44.3	24.3	13 400*			30.0	49.3	33.2	8 700*
28.0	38.5	21.8	8 100*	32.0	45.4	31.2	4 700*				

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
45.7m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

MEETS
ANSI B30.5
REQUIREMENTS

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	107 500*
		10.0	81.6	46.5	102 800*
		11.0	80.3	46.3	101 800*
		12.0	78.9	46.1	94 800
		13.0	77.6	45.9	81 100
		14.0	76.3	45.6	70 600
		15.0	74.9	45.3	62 000
		16.0	73.6	45.0	54 600
		18.0	70.8	44.3	43 100
		20.0	68.0	43.4	34 400
		22.0	65.1	42.5	27 400
		24.0	62.2	41.4	21 900
		26.0	59.1	40.2	17 400
		28.0	56.0	38.8	13 500
		30.0	52.7	37.3	10 000*
32.0	49.3	35.5	6 100*		
4 7 - 2	1 5 5	9.8	82.4	49.7	104 600*
		10.0	82.1	49.6	100 700*
		11.0	80.9	49.5	99 700*
		12.0	79.7	49.2	95 300
		13.0	78.4	49.0	81 400
		14.0	77.2	48.8	70 900
		15.0	75.9	48.5	62 200
		16.0	74.7	48.2	54 900
		18.0	72.1	47.5	43 300
		20.0	69.5	46.8	34 500
		22.0	66.9	45.9	27 600
		24.0	64.1	44.9	22 100
		26.0	61.4	43.8	17 500
		28.0	58.5	42.5	13 700
		30.0	55.6	41.1	10 400
32.0	52.5	39.6	7 000*		
5 0 - 3	1 6 5	9.8	82.9	52.8	93 200*
		10.0	82.6	52.7	92 700*
		11.0	81.5	52.6	90 700*
		12.0	80.3	52.4	88 900*
		13.0	79.1	52.1	82 000
		14.0	78.0	51.9	71 100
		15.0	76.8	51.7	62 400
		16.0	75.6	51.4	55 100
		18.0	73.2	50.7	43 500
		20.0	70.8	50.0	34 700
		22.0	68.3	49.2	27 800
		24.0	65.8	48.3	22 200
		26.0	63.3	47.3	17 700
		28.0	60.7	46.1	13 800
		30.0	58.0	44.8	10 600
32.0	55.2	43.4	7 800		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
48.8m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	124 600*	35.1	115	7.9	82.8	37.6	120 800*
		7.0	82.3	28.5	123 800*			8.0	82.7	37.6	120 700*
		7.5	81.2	28.4	122 500*			8.5	81.9	37.5	119 500*
		8.0	80.1	28.3	121 300*			9.0	81.0	37.4	118 300*
		8.5	78.9	28.2	120 100*			10.0	79.4	37.2	116 200*
		9.0	77.8	28.0	119 000*			11.0	77.7	37.0	107 100
		10.0	75.5	27.7	117 000*			12.0	76.0	36.7	90 800
		11.0	73.1	27.4	103 900			13.0	74.3	36.4	77 900
		12.0	70.8	27.0	87 700			14.0	72.5	36.0	67 500
		13.0	68.4	26.6	75 000			15.0	70.8	35.6	58 900
		14.0	65.9	26.1	64 600			16.0	69.0	35.2	51 700
		15.0	63.4	25.5	56 100			18.0	65.4	34.3	40 200
		16.0	60.8	24.9	48 900			20.0	61.7	33.2	31 600
		18.0	55.4	23.5	37 500			22.0	57.8	31.9	24 700
		20.0	49.5	21.7	27 900*			24.0	53.7	30.4	19 200
		22.0	43.0	19.6	18 900*			26.0	49.4	28.6	13 600*
24.0	35.4	16.8	10 400*	28.0	44.7	26.6	8 300*				
29.0	95	7.3	82.5	31.6	124 500*	38.1	125	8.2	82.9	40.7	113 300*
		7.5	82.1	31.5	124 100*			8.5	82.5	40.6	112 400*
		8.0	81.1	31.4	122 900*			9.0	81.8	40.5	110 900*
		8.5	80.1	31.3	121 700*			10.0	80.2	40.3	108 100*
		9.0	79.1	31.2	120 500*			11.0	78.7	40.1	105 300*
		10.0	77.1	30.9	117 800*			12.0	77.1	39.8	91 600
		11.0	75.0	30.6	105 200			13.0	75.6	39.6	78 500
		12.0	72.9	30.3	89 000			14.0	74.0	39.2	68 100
		13.0	70.8	29.9	76 200			15.0	72.4	38.9	59 500
		14.0	68.6	29.4	65 800			16.0	70.8	38.5	52 300
		15.0	66.4	29.0	57 300			18.0	67.5	37.7	40 800
		16.0	64.2	28.4	50 000			20.0	64.2	36.7	32 100
		18.0	59.6	27.2	38 600			22.0	60.7	35.5	25 200
		20.0	54.7	25.8	29 900			24.0	57.1	34.2	19 800
22.0	49.5	24.0	22 400*	26.0	53.3	32.7	15 200				
24.0	43.7	21.9	14 900*	28.0	49.3	30.9	10 200*				
30.0	45.1	28.9	5 600*	30.0	45.1	28.9	5 600*				
32.0	105	7.6	82.7	34.6	123 200*	41.1	135	8.5	83.0	43.7	110 000*
		8.0	82.0	34.5	122 200*			9.0	82.4	43.6	108 800*
		8.5	81.1	34.4	120 800*			10.0	81.0	43.4	106 300*
		9.0	80.2	34.3	119 500*			11.0	79.5	43.2	104 000*
		10.0	78.3	34.1	117 100*			12.0	78.1	43.0	92 300
		11.0	76.5	33.8	106 200			13.0	76.7	42.7	79 000
		12.0	74.6	33.5	90 000			14.0	75.2	42.4	68 600
		13.0	72.7	33.1	77 200			15.0	73.8	42.1	59 900
		14.0	70.8	32.8	66 800			16.0	72.3	41.8	52 700
		15.0	68.8	32.3	58 200			18.0	69.3	41.0	41 200
		16.0	66.9	31.9	51 000			20.0	66.2	40.1	32 500
		18.0	62.8	30.8	39 500			22.0	63.1	39.0	25 600
		20.0	58.6	29.5	30 900			24.0	59.9	37.8	20 100
		22.0	54.2	28.1	24 100			26.0	56.5	36.5	15 500
		24.0	49.4	26.3	17 700*			28.0	53.0	35.0	11 500
		26.0	44.3	24.3	11 500*			30.0	49.3	33.2	7 000*

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
48.8m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

MEETS
ANSI B30.5
REQUIREMENTS

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	105 900*
		10.0	81.6	46.5	101 100*
		11.0	80.3	46.3	100 100*
		12.0	78.9	46.1	93 100
		13.0	77.6	45.9	79 500
		14.0	76.3	45.6	69 100
		15.0	74.9	45.3	60 400
		16.0	73.6	45.0	53 200
		18.0	70.8	44.3	41 600
		20.0	68.0	43.4	33 000
		22.0	65.1	42.5	26 100
		24.0	62.2	41.4	20 600
		26.0	59.1	40.2	16 000
		28.0	56.0	38.8	12 300
30.0	52.7	37.3	8 500*		
32.0	49.3	35.5	4 500*		
4 7 - 2	1 5 5	9.8	82.4	49.7	102 900*
		10.0	82.1	49.6	99 000*
		11.0	80.9	49.5	98 000*
		12.0	79.7	49.2	93 600
		13.0	78.4	49.0	79 800
		14.0	77.2	48.8	69 400
		15.0	75.9	48.5	60 700
		16.0	74.7	48.2	53 400
		18.0	72.1	47.5	41 900
		20.0	69.5	46.8	33 200
		22.0	66.9	45.9	26 300
		24.0	64.1	44.9	20 800
		26.0	61.4	43.8	16 300
		28.0	58.5	42.5	12 400
30.0	55.6	41.1	9 200*		
32.0	52.5	39.6	5 400*		
5 0 - 3	1 6 5	9.8	82.9	52.8	91 700*
		10.0	82.6	52.7	91 200*
		11.0	81.5	52.6	89 100*
		12.0	80.3	52.4	87 300*
		13.0	79.1	52.1	80 400
		14.0	78.0	51.9	69 600
		15.0	76.8	51.7	61 000
		16.0	75.6	51.4	53 600
		18.0	73.2	50.7	42 100
		20.0	70.8	50.0	33 400
		22.0	68.3	49.2	26 500
		24.0	65.8	48.3	21 000
		26.0	63.3	47.3	16 400
		28.0	60.7	46.1	12 600
30.0	58.0	44.8	9 400		
32.0	55.2	43.4	6 300*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
51.8m LUFFING JIB NO. 133A

SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

93 890 kg CRANE COUNTERWEIGHT

27 220 kg CARBODY COUNTERWEIGHT

360 DEGREE RATING

MEETS
ANSI B30.5
REQUIREMENTS

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	123 100*	35.1	115	7.9	82.8	37.6	119 500*
		7.0	82.3	28.5	122 300*			8.0	82.7	37.6	119 300*
		7.5	81.2	28.4	120 900*			8.5	81.9	37.5	118 100*
		8.0	80.1	28.3	119 600*			9.0	81.0	37.4	116 900*
		8.5	78.9	28.2	118 400*			10.0	79.4	37.2	114 700*
		9.0	77.8	28.0	117 200*			11.0	77.7	37.0	105 500
		10.0	75.5	27.7	115 100*			12.0	76.0	36.7	89 300
		11.0	73.1	27.4	102 100			13.0	74.3	36.4	76 500
		12.0	70.8	27.0	86 000			14.0	72.5	36.0	66 200
		13.0	68.4	26.6	73 400			15.0	70.8	35.6	57 600
		14.0	65.9	26.1	63 100			16.0	69.0	35.2	50 400
		15.0	63.4	25.5	54 600			18.0	65.4	34.3	39 000
		16.0	60.8	24.9	47 400			20.0	61.7	33.2	30 400
		18.0	55.4	23.5	36 000			22.0	57.8	31.9	23 600
		20.0	49.5	21.7	26 100*			24.0	53.7	30.4	18 100*
		22.0	43.0	19.6	17 200*			26.0	49.4	28.6	12 300*
24.0	35.4	16.8	8 800*	28.0	44.7	26.6	7 000*				
29.0	95	7.3	82.5	31.6	123 000*	38.1	125	8.2	82.9	40.7	112 000*
		7.5	82.1	31.5	122 600*			8.5	82.5	40.6	111 200*
		8.0	81.1	31.4	121 400*			9.0	81.8	40.5	109 600*
		8.5	80.1	31.3	120 100*			10.0	80.2	40.3	106 800*
		9.0	79.1	31.2	118 900*			11.0	78.7	40.1	103 900*
		10.0	77.1	30.9	116 100*			12.0	77.1	39.8	90 200
		11.0	75.0	30.6	103 500			13.0	75.6	39.6	77 100
		12.0	72.9	30.3	87 300			14.0	74.0	39.2	66 800
		13.0	70.8	29.9	74 700			15.0	72.4	38.9	58 200
		14.0	68.6	29.4	64 300			16.0	70.8	38.5	51 000
		15.0	66.4	29.0	55 800			18.0	67.5	37.7	39 600
		16.0	64.2	28.4	48 700			20.0	64.2	36.7	31 000
		18.0	59.6	27.2	37 300			22.0	60.7	35.5	24 200
		20.0	54.7	25.8	28 600			24.0	57.1	34.2	18 700
		22.0	49.5	24.0	20 800*			26.0	53.3	32.7	14 200
		24.0	43.7	21.9	13 400*			28.0	49.3	30.9	8 900*
32.0	105	7.6	82.7	34.6	121 400*	41.1	135	8.5	83.0	43.7	108 000*
		8.0	82.0	34.5	120 300*			9.0	82.4	43.6	106 800*
		8.5	81.1	34.4	118 900*			10.0	81.0	43.4	104 300*
		9.0	80.2	34.3	117 600*			11.0	79.5	43.2	101 900*
		10.0	78.3	34.1	115 100*			12.0	78.1	43.0	91 000
		11.0	76.5	33.8	104 600			13.0	76.7	42.7	77 700
		12.0	74.6	33.5	88 400			14.0	75.2	42.4	67 300
		13.0	72.7	33.1	75 700			15.0	73.8	42.1	58 700
		14.0	70.8	32.8	65 400			16.0	72.3	41.8	51 500
		15.0	68.8	32.3	56 800			18.0	69.3	41.0	40 100
		16.0	66.9	31.9	49 600			20.0	66.2	40.1	31 400
		18.0	62.8	30.8	38 300			22.0	63.1	39.0	24 600
		20.0	58.6	29.5	29 700			24.0	59.9	37.8	19 100
		22.0	54.2	28.1	22 800			26.0	56.5	36.5	14 600
		24.0	49.4	26.3	16 400*			28.0	53.0	35.0	10 400*
		26.0	44.3	24.3	10 100*			30.0	49.3	33.2	5 800*

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
51.8m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	104 700*
		10.0	81.6	46.5	102 900*
		11.0	80.3	46.3	100 900*
		12.0	78.9	46.1	91 700
		13.0	77.6	45.9	78 200
		14.0	76.3	45.6	67 900
		15.0	74.9	45.3	59 300
		16.0	73.6	45.0	52 000
		18.0	70.8	44.3	40 600
		20.0	68.0	43.4	31 900
		22.0	65.1	42.5	25 100
		24.0	62.2	41.4	19 600
		26.0	59.1	40.2	15 100
		28.0	56.0	38.8	11 300
30.0	52.7	37.3	7 400*		
4 7 - 2	1 5 5	9.8	82.4	49.7	101 700*
		10.0	82.1	49.6	97 700*
		11.0	80.9	49.5	96 700*
		12.0	79.7	49.2	92 300
		13.0	78.4	49.0	78 600
		14.0	77.2	48.8	68 200
		15.0	75.9	48.5	59 600
		16.0	74.7	48.2	52 300
		18.0	72.1	47.5	40 900
		20.0	69.5	46.8	32 200
		22.0	66.9	45.9	25 400
		24.0	64.1	44.9	19 900
		26.0	61.4	43.8	15 400
		28.0	58.5	42.5	11 600
30.0	55.6	41.1	8 100*		
5 0 - 3	1 6 5	9.8	82.9	52.8	90 600*
		10.0	82.6	52.7	90 100*
		11.0	81.5	52.6	88 000*
		12.0	80.3	52.4	86 100*
		13.0	79.1	52.1	79 200
		14.0	78.0	51.9	68 500
		15.0	76.8	51.7	59 900
		16.0	75.6	51.4	52 600
		18.0	73.2	50.7	41 100
		20.0	70.8	50.0	32 400
		22.0	68.3	49.2	25 600
		24.0	65.8	48.3	20 100
		26.0	63.3	47.3	15 600
		28.0	60.7	46.1	11 800
30.0	58.0	44.8	8 600		
32.0	55.2	43.4	5 300*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
54.9m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	121 000*	35.1	115	7.9	82.8	37.6	117 500*
		7.0	82.3	28.5	120 200*			8.0	82.7	37.6	117 300*
		7.5	81.2	28.4	118 700*			8.5	81.9	37.5	116 000*
		8.0	80.1	28.3	117 300*			9.0	81.0	37.4	114 800*
		8.5	78.9	28.2	116 000*			10.0	79.4	37.2	112 500*
		9.0	77.8	28.0	114 800*			11.0	77.7	37.0	103 500
		10.0	75.5	27.7	112 400*			12.0	76.0	36.7	87 300
		11.0	73.1	27.4	99 800			13.0	74.3	36.4	74 700
		12.0	70.8	27.0	83 800			14.0	72.5	36.0	64 400
		13.0	68.4	26.6	71 200			15.0	70.8	35.6	55 900
		14.0	65.9	26.1	61 000			16.0	69.0	35.2	48 700
		15.0	63.4	25.5	52 500			18.0	65.4	34.3	37 400
		16.0	60.8	24.9	45 400			20.0	61.7	33.2	28 800
		18.0	55.4	23.5	34 100			22.0	57.8	31.9	22 000
		20.0	49.5	21.7	23 700*			24.0	53.7	30.4	16 300*
		22.0	43.0	19.6	14 800*			26.0	49.4	28.6	10 300*
24.0	35.4	16.8	6 500*								
29.0	95	7.3	82.5	31.6	120 900*	38.1	125	8.2	82.9	40.7	110 200*
		7.5	82.1	31.5	120 400*			8.5	82.5	40.6	109 300*
		8.0	81.1	31.4	119 000*			9.0	81.8	40.5	107 800*
		8.5	80.1	31.3	117 600*			10.0	80.2	40.3	104 800*
		9.0	79.1	31.2	116 100*			11.0	78.7	40.1	102 000*
		10.0	77.1	30.9	113 200*			12.0	77.1	39.8	88 300
		11.0	75.0	30.6	101 300			13.0	75.6	39.6	75 300
		12.0	72.9	30.3	85 200			14.0	74.0	39.2	65 100
		13.0	70.8	29.9	72 600			15.0	72.4	38.9	56 500
		14.0	68.6	29.4	62 400			16.0	70.8	38.5	49 400
		15.0	66.4	29.0	53 900			18.0	67.5	37.7	38 000
		16.0	64.2	28.4	46 700			20.0	64.2	36.7	29 400
		18.0	59.6	27.2	35 400			22.0	60.7	35.5	22 700
		20.0	54.7	25.8	26 800			24.0	57.1	34.2	17 200
		22.0	49.5	24.0	18 600*			26.0	53.3	32.7	12 300*
		24.0	43.7	21.9	11 200*			28.0	49.3	30.9	7 000*
32.0	105	7.6	82.7	34.6	119 300*	41.1	135	8.5	83.0	43.7	106 200*
		8.0	82.0	34.5	118 200*			9.0	82.4	43.6	104 900*
		8.5	81.1	34.4	116 800*			10.0	81.0	43.4	102 400*
		9.0	80.2	34.3	115 400*			11.0	79.5	43.2	100 000*
		10.0	78.3	34.1	112 800*			12.0	78.1	43.0	89 200
		11.0	76.5	33.8	102 500			13.0	76.7	42.7	75 900
		12.0	74.6	33.5	86 400			14.0	75.2	42.4	65 600
		13.0	72.7	33.1	73 700			15.0	73.8	42.1	57 100
		14.0	70.8	32.8	63 500			16.0	72.3	41.8	49 900
		15.0	68.8	32.3	55 000			18.0	69.3	41.0	38 500
		16.0	66.9	31.9	47 900			20.0	66.2	40.1	29 900
		18.0	62.8	30.8	36 500			22.0	63.1	39.0	23 100
		20.0	58.6	29.5	28 000			24.0	59.9	37.8	17 700
		22.0	54.2	28.1	21 000			26.0	56.5	36.5	13 200
		24.0	49.4	26.3	14 200*			28.0	53.0	35.0	8 600*

MANITOWOC ENGINEERING CO.

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



LIFTCRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
54.9m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
4 4 - 2	1 4 5	9.1	82.7	46.7	102 900*
		10.0	81.6	46.5	101 000*
		11.0	80.3	46.3	99 000*
		12.0	78.9	46.1	90 000
		13.0	77.6	45.9	76 500
		14.0	76.3	45.6	66 200
		15.0	74.9	45.3	57 700
		16.0	73.6	45.0	50 500
		18.0	70.8	44.3	39 100
		20.0	68.0	43.4	30 500
		22.0	65.1	42.5	23 700
		24.0	62.2	41.4	18 300
		26.0	59.1	40.2	13 800
		28.0	56.0	38.8	9 900
30.0	52.7	37.3	5 700*		
4 7 - 2	1 5 5	9.8	82.4	49.7	100 000*
		10.0	82.1	49.6	95 800*
		11.0	80.9	49.5	94 800*
		12.0	79.7	49.2	90 600
		13.0	78.4	49.0	76 900
		14.0	77.2	48.8	66 600
		15.0	75.9	48.5	58 000
		16.0	74.7	48.2	50 800
		18.0	72.1	47.5	39 400
		20.0	69.5	46.8	30 800
		22.0	66.9	45.9	24 000
		24.0	64.1	44.9	18 600
		26.0	61.4	43.8	14 000
		28.0	58.5	42.5	10 300
30.0	55.6	41.1	6 700*		
5 0 - 3	1 6 5	9.8	82.9	52.8	89 000*
		10.0	82.6	52.7	88 500*
		11.0	81.5	52.6	86 400*
		12.0	80.3	52.4	84 500*
		13.0	79.1	52.1	77 600
		14.0	78.0	51.9	66 900
		15.0	76.8	51.7	58 300
		16.0	75.6	51.4	51 100
		18.0	73.2	50.7	39 700
		20.0	70.8	50.0	31 100
		22.0	68.3	49.2	24 200
		24.0	65.8	48.3	18 800
		26.0	63.3	47.3	14 300
		28.0	60.7	46.1	10 500
30.0	58.0	44.8	7 300*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
57.9m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	119 000*	35.1	115	7.9	82.8	37.6	115 600*
		7.0	82.3	28.5	118 100*			8.0	82.7	37.6	115 400*
		7.5	81.2	28.4	116 500*			8.5	81.9	37.5	114 100*
		8.0	80.1	28.3	115 000*			9.0	81.0	37.4	112 900*
		8.5	78.9	28.2	113 600*			10.0	79.4	37.2	110 500*
		9.0	77.8	28.0	112 300*			11.0	77.7	37.0	101 500
		10.0	75.5	27.7	109 800*			12.0	76.0	36.7	85 500
		11.0	73.1	27.4	97 500			13.0	74.3	36.4	72 900
		12.0	70.8	27.0	81 600			14.0	72.5	36.0	62 600
		13.0	68.4	26.6	69 100			15.0	70.8	35.6	54 200
		14.0	65.9	26.1	59 000			16.0	69.0	35.2	47 100
		15.0	63.4	25.5	50 500			18.0	65.4	34.3	35 800
		16.0	60.8	24.9	43 500			20.0	61.7	33.2	27 300
		18.0	55.4	23.5	32 100*			22.0	57.8	31.9	20 600
		20.0	49.5	21.7	21 400*			24.0	53.7	30.4	14 600*
22.0	43.0	19.6	12 600*	26.0	49.4	28.6	8 500*				
29.0	95	7.3	82.5	31.6	118 800*	38.1	125	8.2	82.9	40.7	107 600*
		7.5	82.1	31.5	118 300*			8.5	82.5	40.6	106 700*
		8.0	81.1	31.4	116 900*			9.0	81.8	40.5	105 200*
		8.5	80.1	31.3	115 500*			10.0	80.2	40.3	102 200*
		9.0	79.1	31.2	114 000*			11.0	78.7	40.1	99 300*
		10.0	77.1	30.9	111 000*			12.0	77.1	39.8	86 600
		11.0	75.0	30.6	99 100			13.0	75.6	39.6	73 600
		12.0	72.9	30.3	83 200			14.0	74.0	39.2	63 400
		13.0	70.8	29.9	70 600			15.0	72.4	38.9	54 900
		14.0	68.6	29.4	60 500			16.0	70.8	38.5	47 800
		15.0	66.4	29.0	52 000			18.0	67.5	37.7	36 500
		16.0	64.2	28.4	45 000			20.0	64.2	36.7	28 000
		18.0	59.6	27.2	33 700			22.0	60.7	35.5	21 300
		20.0	54.7	25.8	25 100			24.0	57.1	34.2	15 900
		22.0	49.5	24.0	16 400*			26.0	53.3	32.7	10 500*
24.0	43.7	21.9	9 100*								
32.0	105	7.6	82.7	34.6	117 500*	41.1	135	8.5	83.0	43.7	104 500*
		8.0	82.0	34.5	116 300*			9.0	82.4	43.6	103 300*
		8.5	81.1	34.4	114 800*			10.0	81.0	43.4	100 700*
		9.0	80.2	34.3	113 300*			11.0	79.5	43.2	98 200*
		10.0	78.3	34.1	110 600*			12.0	78.1	43.0	87 400
		11.0	76.5	33.8	100 400			13.0	76.7	42.7	74 300
		12.0	74.6	33.5	84 400			14.0	75.2	42.4	64 000
		13.0	72.7	33.1	71 900			15.0	73.8	42.1	55 500
		14.0	70.8	32.8	61 600			16.0	72.3	41.8	48 400
		15.0	68.8	32.3	53 200			18.0	69.3	41.0	37 100
		16.0	66.9	31.9	46 100			20.0	66.2	40.1	28 500
		18.0	62.8	30.8	34 900			22.0	63.1	39.0	21 800
		20.0	58.6	29.5	26 400			24.0	59.9	37.8	16 400
		22.0	54.2	28.1	19 400			26.0	56.5	36.5	11 900
		24.0	49.4	26.3	12 300*			28.0	53.0	35.0	6 900*

MANITOWOC ENGINEERING CO.

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



LIFTCRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
57.9m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 · 2	1 4 5	9.1	82.7	46.7	101 300*
		10.0	81.6	46.5	99 400*
		11.0	80.3	46.3	97 200*
		12.0	78.9	46.1	88 200
		13.0	77.6	45.9	74 800
		14.0	76.3	45.6	64 600
		15.0	74.9	45.3	56 100
		16.0	73.6	45.0	49 000
		18.0	70.8	44.3	37 700
		20.0	68.0	43.4	29 100
		22.0	65.1	42.5	22 400
		24.0	62.2	41.4	17 000
		26.0	59.1	40.2	12 600
		28.0	56.0	38.8	8 600
4 7 · 2	1 5 5	9.8	82.4	49.7	98 400*
		10.0	82.1	49.6	94 100*
		11.0	80.9	49.5	93 100*
		12.0	79.7	49.2	88 900
		13.0	78.4	49.0	75 300
		14.0	77.2	48.8	65 000
		15.0	75.9	48.5	56 500
		16.0	74.7	48.2	49 400
		18.0	72.1	47.5	38 000
		20.0	69.5	46.8	29 500
		22.0	66.9	45.9	22 700
		24.0	64.1	44.9	17 300
		26.0	61.4	43.8	12 900
		28.0	58.5	42.5	9 100
5 0 · 3	1 6 5	9.8	82.9	52.8	87 500*
		10.0	82.6	52.7	87 000*
		11.0	81.5	52.6	84 900*
		12.0	80.3	52.4	83 000*
		13.0	79.1	52.1	76 000
		14.0	78.0	51.9	65 400
		15.0	76.8	51.7	56 900
		16.0	75.6	51.4	49 700
		18.0	73.2	50.7	38 400
		20.0	70.8	50.0	29 800
		22.0	68.3	49.2	23 000
		24.0	65.8	48.3	17 600
		26.0	63.3	47.3	13 100
		28.0	60.7	46.1	9 400
30.0	58.0	44.8	6 000*		

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

M-250 SERIES 2

BOOM NO. 44 WITH 1524 mm TOP
61.0m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

MEETS
ANSI B30.5
REQUIREMENTS

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KI LOGRAMS
25.9	85	6.7	83.0	28.6	116 600*	35.1	115	7.9	82.8	37.6	113 500*
		7.0	82.3	28.5	115 600*			8.0	82.7	37.6	113 300*
		7.5	81.2	28.4	114 000*			8.5	81.9	37.5	111 900*
		8.0	80.1	28.3	112 400*			9.0	81.0	37.4	110 600*
		8.5	78.9	28.2	110 900*			10.0	79.4	37.2	108 100*
		9.0	77.8	28.0	109 400*			11.0	77.7	37.0	99 300
		10.0	75.5	27.7	106 700*			12.0	76.0	36.7	83 400
		11.0	73.1	27.4	95 100			13.0	74.3	36.4	70 800
		12.0	70.8	27.0	79 200			14.0	72.5	36.0	60 700
		13.0	68.4	26.6	66 800			15.0	70.8	35.6	52 300
		14.0	65.9	26.1	56 700			16.0	69.0	35.2	45 200
		15.0	63.4	25.5	48 400			18.0	65.4	34.3	34 000
		16.0	60.8	24.9	41 300			20.0	61.7	33.2	25 500
		18.0	55.4	23.5	29 600*			22.0	57.8	31.9	18 900
		20.0	49.5	21.7	18 900*			24.0	53.7	30.4	12 600*
22.0	43.0	19.6	10 100*								
29.0	95	7.3	82.5	31.6	116 500*	38.1	125	8.2	82.9	40.7	105 700*
		7.5	82.1	31.5	115 900*			8.5	82.5	40.6	104 800*
		8.0	81.1	31.4	114 500*			9.0	81.8	40.5	103 200*
		8.5	80.1	31.3	113 000*			10.0	80.2	40.3	100 100*
		9.0	79.1	31.2	111 500*			11.0	78.7	40.1	97 200*
		10.0	77.1	30.9	108 400*			12.0	77.1	39.8	84 600
		11.0	75.0	30.6	96 800			13.0	75.6	39.6	71 700
		12.0	72.9	30.3	80 900			14.0	74.0	39.2	61 500
		13.0	70.8	29.9	68 400			15.0	72.4	38.9	53 100
		14.0	68.6	29.4	58 300			16.0	70.8	38.5	46 000
		15.0	66.4	29.0	50 000			18.0	67.5	37.7	34 800
		16.0	64.2	28.4	42 900			20.0	64.2	36.7	26 400
		18.0	59.6	27.2	31 800			22.0	60.7	35.5	19 700
		20.0	54.7	25.8	22 900*			24.0	57.1	34.2	14 300
		22.0	49.5	24.0	14 000*			26.0	53.3	32.7	8 500*
24.0	43.7	21.9	6 800*								
32.0	105	7.6	82.7	34.6	115 300*	41.1	135	8.5	83.0	43.7	102 700*
		8.0	82.0	34.5	114 100*			9.0	82.4	43.6	101 400*
		8.5	81.1	34.4	112 500*			10.0	81.0	43.4	98 700*
		9.0	80.2	34.3	111 000*			11.0	79.5	43.2	96 200*
		10.0	78.3	34.1	108 200*			12.0	78.1	43.0	85 500
		11.0	76.5	33.8	98 200			13.0	76.7	42.7	72 400
		12.0	74.6	33.5	82 200			14.0	75.2	42.4	62 200
		13.0	72.7	33.1	69 800			15.0	73.8	42.1	53 800
		14.0	70.8	32.8	59 600			16.0	72.3	41.8	46 700
		15.0	68.8	32.3	51 300			18.0	69.3	41.0	35 400
		16.0	66.9	31.9	44 200			20.0	66.2	40.1	26 900
		18.0	62.8	30.8	33 000			22.0	63.1	39.0	20 200
		20.0	58.6	29.5	24 600			24.0	59.9	37.8	14 900
		22.0	54.2	28.1	17 500*			26.0	56.5	36.5	10 200*
		24.0	49.4	26.3	10 000*						

MANITOWOC ENGINEERING CO.

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



LIFT CRANE BOOM CAPACITIES WITH FOLD UNDER LUFFING JIB ATTACHED

**M-250
SERIES 2**

**BOOM NO. 44 WITH 1524 mm TOP
61.0m LUFFING JIB NO. 133A
SET AT 168 DEGREE BOOM TO LUFFING JIB ANGLE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

**MEETS
ANSI B30.5
REQUIREMENTS**

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
4 4 · 2	1 4 5	9.1	82.7	46.7	99 400*
		10.0	81.6	46.5	97 400*
		11.0	80.3	46.3	95 200*
		12.0	78.9	46.1	86 300
		13.0	77.6	45.9	73 000
		14.0	76.3	45.6	62 900
		15.0	74.9	45.3	54 400
		16.0	73.6	45.0	47 400
		18.0	70.8	44.3	36 100
		20.0	68.0	43.4	27 600
		22.0	65.1	42.5	20 900
		24.0	62.2	41.4	15 600
		26.0	59.1	40.2	11 100
		28.0	56.0	38.8	6 800*
4 7 · 2	1 5 5	9.8	82.4	49.7	96 500*
		10.0	82.1	49.6	92 200*
		11.0	80.9	49.5	91 200*
		12.0	79.7	49.2	87 100
		13.0	78.4	49.0	73 500
		14.0	77.2	48.8	63 400
		15.0	75.9	48.5	54 900
		16.0	74.7	48.2	47 800
		18.0	72.1	47.5	36 500
		20.0	69.5	46.8	28 000
		22.0	66.9	45.9	21 300
		24.0	64.1	44.9	15 900
		26.0	61.4	43.8	11 500
		28.0	58.5	42.5	7 600
5 0 · 3	1 6 5	9.8	82.9	52.8	85 900*
		10.0	82.6	52.7	85 300*
		11.0	81.5	52.6	83 200*
		12.0	80.3	52.4	81 200*
		13.0	79.1	52.1	74 300
		14.0	78.0	51.9	63 700
		15.0	76.8	51.7	55 200
		16.0	75.6	51.4	48 100
		18.0	73.2	50.7	36 900
		20.0	70.8	50.0	28 300
		22.0	68.3	49.2	21 600
		24.0	65.8	48.3	16 200
		26.0	63.3	47.3	11 800
		28.0	60.7	46.1	8 100