

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

CAPACITIES FOR VARIOUS BOOM LENGTHS, BOOM ANGLES, LUFFING JIB LENGTHS, AND LUFFING JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 2 180 kg MINIMUM BLOCK WEIGHT.

UPPER LUFFING JIB POINT CAPACITY FOR LIFTCRANE SERVICE WITH SINGLE PART WHIP LINE IS 13 610 kg. IN ALL CASES, UPPER LUFFING JIB POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR MAIN LUFFING JIB CAPACITIES.

MAIN BOOM POINT MUST BE REMOVED ON 53.3m THRU 59.4m BOOM LENGTHS.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND LUFFING JIB POINT SHEAVES, IS CONSIDERED PART OF LUFFING JIB LOAD. BOOM AND LUFFING JIB ARE NOT TO BE LOWERED BEYOND RADII WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP. DURING OPERATION, BOOM MUST BE MAINTAINED AT ONE OF THE SELECTED ANGLES SHOWN IN CHART. REFER TO FOLD UNDER LUFFING JIB ASSEMBLY NO. 175501, WIRE ROPE SPECIFICATION CHART NO. 7787-A, FOLD UNDER 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 AND LUFFING JIB WITHIN ANGLE RANGE SHOWN IN CAPACITY CHART. 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. LUFFING JIB ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF LUFFING JIB BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. LUFFING JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF LUFFING JIB 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.

FOR WINDS GREATER THAN 7 m/s, DO NOT OPERATE LUFFING JIB LENGTHS ABOVE THE FOLLOWING LUFFING JIB ANGLES OR LUFFING JIB MAY COME OVER BACKWARDS WITH ONLY THE LOAD BLOCK.	
LUFFING JIB LENGTH - METERS	MAXIMUM LUFFING JIB ANGLE
21.3 - 24.4	60 DEGREES
27.4 - 36.6	65 DEGREES
39.6 - 61.0	70 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 - 47.2	39.6 - 45.7	50.3 - 53.3	45.7 - 61.0
50.3 - 53.3	21.3 - 30.5	50.3 - 53.3	33.5 - 42.7	56.4	42.7 - 45.7
56.4	21.3 - 30.5	56.4	33.5 - 39.6		
59.4	21.3 - 27.4				

CONSULT CHART NO. 7719-AM FOR LIFTING OFF MAIN BOOM POINT WITH LUFFING JIB ATTACHED.

7717-AM, 5-5-95/L
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FOLD UNDER LUFFING JIB NO. 133A ON
BOOM NO. 44 WITH 1524 mm TOP
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

25.9m (85 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	67.2	49.6	58 300*b																			13.7
14.0	66.4	49.5	57 500*b																			14.0
16.0	60.3	48.4	51 500*b																			16.0
18.0	53.8	47.1	45 700*	61.4	48.2	52 500*b																18.0
20.0	46.7	45.3	41 400*	55.0	47.0	48 300*b	59.5	47.6	50 500*b													20.0
22.0	38.6	43.1	38 000*	48.0	45.3	44 900*	52.9	46.2	46 700*	60.3	47.0	50 300*b										22.0
24.0	28.6	40.0	35 300*	40.1	43.2	42 000*	45.7	44.4	43 500*	53.8	45.7	46 000										24.0
26.0				30.6	40.2	37 500*	37.4	42.0	40 600*	46.7	44.0	41 600	54.5	44.9	40 300							26.0
28.0							27.0	38.7	36 100*	38.6	41.7	38 000	47.5	43.3	36 800							28.0
30.0										28.7	38.6	34 800	39.5	41.1	33 700	47.9	42.3	32 700				30.0
32.0										12.5	32.9	32 000	29.8	38.1	31 100	40.0	40.1	30 100				32.0
34.0																30.4	37.2	27 900	40.1	38.9	27 000	34.0
36.0																16.2	32.3	25 900	30.5	35.9	25 100	36.0
38.0																			16.3	31.1	23 400	38.0

25.9m (85 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.2	52.9	56 800*b																			13.7
14.0	69.5	52.8	56 100*b																			14.0
16.0	64.3	51.9	51 000*b																			16.0
18.0	58.9	50.8	45 700*	65.2	51.7	51 100*b																18.0
20.0	53.2	49.4	41 100*	59.9	50.6	47 100*	63.6	51.1	49 300*b													20.0
22.0	47.0	47.7	37 500*	54.2	49.3	43 300*	58.2	49.9	45 500*													22.0
24.0	40.1	45.5	34 600*	48.1	47.6	40 700*	52.4	48.5	42 300*	59.0	49.4	45 300*										24.0
26.0	31.9	42.6	32 300*	41.3	45.5	37 600*	46.1	46.7	39 600*	53.2	48.0	41 500										26.0
28.0	20.9	38.4	29 500*	33.4	42.8	33 400*	39.1	44.4	36 400*	47.0	46.3	37 700	53.8	47.3	36 500							28.0
30.0				23.2	38.9	30 000*	30.6	41.5	32 300*	40.1	44.1	34 600	47.7	45.6	33 500							30.0
32.0							19.0	37.0	29 000*	31.9	41.2	31 900	40.8	43.4	30 900	48.0	44.6	29 900				32.0
34.0										21.0	37.0	29 500	32.8	40.7	28 600	41.2	42.5	27 700	33.3	38.5	23 900	34.0
36.0													22.3	36.7	26 600	33.3	39.8	25 700	23.0	35.9	24 000	36.0
38.0																			41.3	41.3	24 900	38.0
40.0																			23.1	34.7	21 700	40.0

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M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.5	56.1	55 400*b																			13.7
14.0	71.9	56.0	54 700*b																			14.0
16.0	67.4	55.3	50 200*b																			16.0
18.0	62.7	54.3	45 700*	68.2	55.0	50 000*b																18.0
20.0	57.9	53.1	41 100*	63.6	54.1	46 000*	66.8	54.4	48 200*b													20.0
22.0	52.8	51.7	37 300*	58.7	53.0	42 500*	62.1	53.4	44 500*													22.0
24.0	47.2	50.0	34 300*	53.7	51.6	39 800*	57.2	52.2	41 400*													24.0
26.0	41.2	47.8	31 800*	48.2	49.9	37 300*	52.0	50.8	38 700*	57.9	51.7	41 100*										26.0
28.0	34.2	45.2	29 600*	42.3	47.9	33 500*	46.5	49.0	36 000*	52.8	50.3	37 600										28.0
30.0	25.6	41.6	26 700*	35.5	45.3	30 000*	40.3	46.8	32 400*	47.2	48.6	34 500	53.3	49.6	33 300							30.0
32.0	12.0	35.4	24 300*	27.2	41.9	27 200*	33.2	44.1	29 100*	41.2	46.5	31 800	47.8	47.9	30 800							32.0
34.0							24.2	40.3	26 400*	34.2	43.8	29 400	41.8	45.8	28 500	48.1	46.9	27 500				34.0
36.0										25.6	40.2	26 700*	34.9	43.2	26 500	42.2	44.8	25 600	42.2	41.0	21 600	36.0
38.0										12.0	34.0	24 300*	26.6	39.7	24 700	35.4	42.3	23 900	42.2	43.6	23 100	38.0
40.0																27.1	38.9	22 400	35.4	41.0	21 600	40.0
42.0																15.0	33.4	20 900	27.2	37.6	20 300	42.0
44.0																			15.1	32.2	19 000	44.0

25.9m (85 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.3	59.3	54 000*b																			13.7
14.0	73.7	59.2	53 300*b																			14.0
16.0	69.8	58.5	48 900*b																			16.0
18.0	65.7	57.7	45 100*																			18.0
20.0	61.4	56.7	41 100*	66.4	57.5	44 900*																20.0
22.0	57.0	55.4	37 200*	62.2	56.5	41 600*	65.1	56.9	43 400*													22.0
24.0	52.4	54.0	34 000*	57.8	55.3	38 800*	60.9	55.8	40 300*													24.0
26.0	47.4	52.3	31 500*	53.2	53.9	36 300*	56.4	54.6	37 700*	61.5	55.3	40 100*										26.0
28.0	42.0	50.2	29 200*	48.3	52.2	33 600*	51.7	53.1	35 300*	57.0	54.1	37 300*										28.0
30.0	35.9	47.6	26 600*	43.0	50.2	29 900*	46.7	51.3	32 500*	52.4	52.6	34 300										30.0
32.0	28.7	44.4	24 200*	37.0	47.8	27 000*	41.2	49.2	29 000*	47.4	50.9	31 600	52.9	51.9	30 500							32.0
34.0	19.2	39.7	22 100*	30.1	44.7	24 600*	35.0	46.6	26 300*	42.0	48.8	29 200	47.9	50.2	28 200							34.0
36.0				21.1	40.3	22 500*	27.6	43.2	23 900*	35.9	46.3	26 700*	42.6	48.1	26 300	48.2	49.2	25 300	42.9	45.9	21 300	36.0
38.0							17.5	38.2	21 900*	28.7	43.0	24 200*	36.6	45.6	24 500	42.9	47.2	23 700	36.9	44.7	22 100	38.0
40.0										19.2	38.4	22 200*	29.5	42.5	22 900	36.0	44.7	22 100	36.0	44.7	22 100	40.0
42.0													20.4	38.0	21 500	30.0	41.6	20 700	37.0	43.5	20 000	42.0
44.0																21.0	37.3	19 500	30.0	40.4	18 800	44.0
46.0																			21.1	36.0	17 700	46.0

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

25.9m (85 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	75.8	62.5	52 300*																			13.7
14.0	75.3	62.4	51 700*																			14.0
16.0	71.7	61.8	47 500*																			16.0
18.0	68.0	61.0	44 000*																			18.0
20.0	64.3	60.1	40 900*	68.7	60.8	43 700*																20.0
22.0	60.4	59.0	37 900*	64.9	59.9	40 600*																22.0
24.0	56.3	57.8	34 600*	61.1	58.9	37 900*	63.8	59.3	39 400*													24.0
26.0	52.1	56.3	31 900*	57.0	57.6	35 500*	59.8	58.2	36 800*													26.0
28.0	47.6	54.6	29 600*	52.8	56.2	33 400*	55.8	56.9	34 500*	60.4	57.6	36 600*										28.0
30.0	42.7	52.5	27 300*	48.4	54.5	30 900*	51.5	55.4	32 500*	56.3	56.4	34 100										30.0
32.0	37.3	50.1	24 900*	43.6	52.5	27 800*	46.9	53.6	29 800*	52.1	54.9	31 400										32.0
34.0	31.1	47.1	22 700*	38.3	50.2	25 200*	42.0	51.5	27 000*	47.6	53.2	29 100	52.5	54.2	28 000							34.0
36.0	23.5	43.1	20 900*	32.2	47.3	23 100*	36.5	49.0	24 600*	42.7	51.1	27 000	48.0	52.5	26 100							36.0
38.0	11.7	36.5	18 600*	24.9	43.5	21 200*	30.2	45.9	22 500*	37.3	48.7	24 900*	43.2	50.5	24 300	48.3	51.5	23 400				38.0
40.0							22.2	41.7	20 700*	31.1	45.7	22 800*	37.9	48.1	22 800	43.5	49.5	21 900				40.0
42.0										23.5	41.7	20 900*	31.8	45.1	21 400	38.2	47.1	20 600	43.5	48.3	19 800	42.0
44.0										11.7	35.1	19 300*	24.3	41.3	20 100	32.1	44.2	19 300	38.2	45.9	18 600	44.0
46.0																24.8	40.4	18 200	32.2	43.0	17 500	46.0
48.0																14.2	34.6	17 100	24.9	39.2	16 500	48.0
50.0																			14.3	33.4	15 600	50.0

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

25.9m (85 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.6	65.2	47 700*																			15.2
16.0	73.3	65.0	46 300*																			16.0
18.0	69.9	64.3	42 800*																			18.0
20.0	66.6	63.5	39 800*	70.5	64.1	42 600*																20.0
22.0	63.1	62.5	37 200*	67.1	63.3	39 600*																22.0
24.0	59.5	61.4	34 600*	63.7	62.3	37 000*																24.0
26.0	55.7	60.1	31 800*	60.1	61.2	34 700*	62.6	61.7	35 900*													26.0
28.0	51.8	58.6	29 400*	56.4	60.0	32 600*	59.0	60.5	33 700*													28.0
30.0	47.7	56.9	27 100*	52.5	58.5	30 500*	55.2	59.2	31 700*	59.5	60.0	33 500*										30.0
32.0	43.2	54.9	24 700*	48.4	56.8	27 600*	51.3	57.7	29 600*	55.7	58.7	31 200										32.0
34.0	38.4	52.5	22 500*	44.0	54.9	25 100*	47.1	55.9	26 800*	51.8	57.2	28 900	56.1	58.0	27 800							34.0
36.0	32.9	49.6	20 700*	39.3	52.6	22 900*	42.6	53.9	24 400*	47.7	55.5	26 800	52.2	56.5	25 800							36.0
38.0	26.5	46.0	19 100*	33.9	49.8	21 000*	37.7	51.4	22 300*	43.2	53.5	24 700*	48.1	54.8	24 100							38.0
40.0	18.0	41.0	17 600*	27.7	46.4	19 300*	32.1	48.5	20 500*	38.4	51.1	22 600*	43.7	52.8	22 500	48.4	53.8	21 700				40.0
42.0				19.7	41.7	17 900*	25.5	44.8	18 900*	32.9	48.2	20 700*	38.9	50.5	21 100	44.0	51.8	20 300				42.0
44.0							16.5	39.4	17 500*	26.5	44.7	19 100*	33.5	47.7	19 900	39.2	49.5	19 100	44.0	50.6	18 400	44.0
46.0										18.0	39.6	17 700*	27.2	44.2	18 700	33.8	46.8	18 000	39.2	48.3	17 300	46.0
48.0													19.0	39.3	17 700	27.6	43.3	17 000	33.9	45.5	16 300	48.0
50.0																19.6	38.6	16 000	27.6	42.1	15 400	50.0
52.0																			19.6	37.4	14 600	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.8	68.4	46 400*																			15.2
16.0	74.6	68.2	45 100*																			16.0
18.0	71.5	67.5	41 800*																			18.0
20.0	68.5	66.8	38 900*																			20.0
22.0	65.3	65.9	36 400*	69.0	66.6	38 700*																22.0
24.0	62.1	64.9	34 100*	65.9	65.7	36 200*																24.0
26.0	58.7	63.7	31 900*	62.6	64.7	34 000*	64.9	65.1	35 100*													26.0
28.0	55.2	62.4	29 400*	59.3	63.6	31 900*	61.6	64.1	33 000*													28.0
30.0	51.6	60.9	27 100*	55.8	62.3	30 100*	58.3	62.9	31 000*													30.0
32.0	47.8	59.2	24 600*	52.2	60.8	27 500*	54.8	61.5	29 300*	58.7	62.4	30 800*										32.0
34.0	43.7	57.2	22 500*	48.5	59.1	25 000*	51.1	60.0	26 800*	55.2	61.0	28 800										34.0
36.0	39.3	54.9	20 600*	44.4	57.2	22 800*	47.3	58.2	24 300*	51.6	59.5	26 700	55.6	60.3	25 700							36.0
38.0	34.4	52.1	19 000*	40.1	54.9	20 900*	43.1	56.2	22 200*	47.8	57.8	24 600*	52.0	58.8	24 000							38.0
40.0	28.8	48.8	17 600*	35.3	52.3	19 300*	38.7	53.8	20 400*	43.7	55.8	22 500*	48.2	57.1	22 400	52.2	57.8	21 600				40.0
42.0	21.9	44.5	16 300*	29.8	49.1	17 800*	33.7	51.0	18 800*	39.3	53.5	20 600*	44.1	55.1	21 100	48.4	56.1	20 200				42.0
44.0	11.4	37.6	14 700*	23.2	45.0	16 500*	28.0	47.6	17 400*	34.4	50.8	19 100*	39.8	52.8	19 800	44.4	54.2	19 000				44.0
46.0							20.8	43.1	16 200*	28.8	47.4	17 600*	34.9	50.2	18 700	40.0	51.9	17 900	44.4	52.9	17 200	46.0
48.0										21.9	43.1	16 300*	29.4	46.9	17 600	35.2	49.3	16 900	40.0	50.7	16 200	48.0
50.0										11.5	36.2	15 100*	22.7	42.7	16 500*	29.7	46.0	16 000	35.3	48.0	15 300	50.0
52.0																23.1	41.9	15 100	29.8	44.8	14 500	52.0
54.0																13.7	35.7	14 300	23.2	40.7	13 800	54.0
56.0																			13.7	34.5	13 000	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.6	71.1	42 500*																			16.8
18.0	72.9	70.8	40 600*																			18.0
20.0	70.1	70.1	37 900*																			20.0
22.0	67.2	69.3	35 400*																			22.0
24.0	64.2	68.3	33 300*	67.7	69.0	35 300*																24.0
26.0	61.2	67.3	31 300*	64.7	68.1	33 100*	66.8	68.5	34 200*													26.0
28.0	58.1	66.1	29 400*	61.7	67.1	31 100*	63.8	67.5	32 100*													28.0
30.0	54.8	64.7	26 900*	58.6	65.9	29 400*	60.8	66.4	30 300*													30.0
32.0	51.4	63.2	24 400*	55.4	64.6	27 400*	57.6	65.2	28 600*													32.0
34.0	47.9	61.5	22 200*	52.0	63.1	24 800*	54.4	63.8	26 600*	58.1	64.7	28 300*										34.0
36.0	44.1	59.5	20 400*	48.5	61.4	22 600*	51.0	62.3	24 100*	54.8	63.3	26 500										36.0
38.0	40.1	57.2	18 800*	44.8	59.5	20 700*	47.4	60.5	22 000*	51.4	61.8	24 400*	55.1	62.6	23 800							38.0
40.0	35.6	54.6	17 400*	40.8	57.3	19 100*	43.6	58.5	20 200*	47.9	60.1	22 300*	51.8	61.1	22 200							40.0
42.0	30.6	51.5	16 100*	36.4	54.7	17 600*	39.5	56.2	18 600*	44.1	58.1	20 500*	48.2	59.4	20 800							42.0
44.0	24.8	47.6	14 900*	31.6	51.7	16 300*	35.0	53.5	17 200*	40.1	55.9	18 800*	44.5	57.4	19 600	48.5	58.4	18 800				44.0
46.0	17.0	42.2	13 900*	25.9	48.0	15 200*	29.9	50.3	16 000*	35.6	53.2	17 400*	40.5	55.2	18 400	44.7	56.5	17 700				46.0
48.0				18.6	42.9	14 100*	23.9	46.3	14 800*	30.6	50.1	16 100*	36.1	52.6	17 400	40.7	54.3	16 700	44.7	55.2	16 000	48.0
50.0							15.7	40.6	13 800*	24.8	46.2	15 000*	31.2	49.6	16 300*	36.4	51.7	15 800	40.7	53.0	15 100	50.0
52.0										17.0	40.8	14 000*	25.4	45.8	15 100*	31.5	48.7	14 900	36.4	50.5	14 300	52.0
54.0													18.0	40.6	14 000*	25.8	44.9	14 200	31.5	47.4	13 500	54.0
56.0																18.5	39.9	13 400	25.8	43.7	12 800	56.0
58.0																			18.5	38.6	12 200	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.6	74.3	41 400*																			16.8
18.0	74.1	73.9	39 300*																			18.0
20.0	71.5	73.3	36 700*																			20.0
22.0	68.8	72.6	34 400*																			22.0
24.0	66.1	71.7	32 300*	69.2	72.3	34 200*																24.0
26.0	63.3	70.7	30 500*	66.5	71.5	32 200*																26.0
28.0	60.4	69.6	28 800*	63.8	70.5	30 200*	65.7	70.9	31 300*													28.0
30.0	57.5	68.4	27 100*	60.9	69.5	28 600*	62.9	69.9	29 500*													30.0
32.0	54.4	67.0	24 800*	58.0	68.3	27 100*	60.0	68.8	27 800*													32.0
34.0	51.3	65.5	22 600*	55.0	66.9	25 300*	57.1	67.6	26 400*	60.4	68.3	27 600*										34.0
36.0	48.0	63.8	20 700*	51.8	65.4	23 000*	54.0	66.2	24 600*	57.5	67.0	26 200										36.0
38.0	44.4	61.8	19 100*	48.5	63.7	21 000*	50.8	64.6	22 400*	54.4	65.7	24 500										38.0
40.0	40.7	59.6	17 600*	45.1	61.8	19 300*	47.5	62.8	20 500*	51.3	64.1	22 700*	54.7	64.9	22 000							40.0
42.0	36.7	57.1	16 300*	41.4	59.6	17 800*	44.0	60.8	18 900*	48.0	62.4	20 800*	51.6	63.4	20 600							42.0
44.0	32.2	54.1	15 000*	37.4	57.2	16 500*	40.2	58.6	17 400*	44.5	60.4	19 100*	48.3	61.7	19 400							44.0
46.0	27.0	50.5	13 900*	33.0	54.3	15 300*	36.1	56.0	16 200*	40.7	58.2	17 600*	44.8	59.7	18 300	48.5	60.7	17 500				46.0
48.0	20.7	45.9	12 800*	28.0	50.8	14 100*	31.5	53.0	15 000*	36.7	55.7	16 300*	41.1	57.6	17 200	45.0	58.8	16 500				48.0
50.0	11.3	38.6	11 300*	21.9	46.4	13 100*	26.2	49.3	13 800*	32.2	52.7	15 200*	37.1	55.1	16 300	41.3	56.6	15 600	45.0	57.5	14 900	50.0
52.0							19.7	44.4	12 800*	27.0	49.1	14 000*	32.6	52.1	15 300*	37.3	54.1	14 800	41.3	55.4	14 100	52.0
54.0										20.7	44.5	13 000*	27.6	48.6	14 200*	32.9	51.2	13 900	37.3	52.9	13 400	54.0
56.0										11.3	37.3	11 900*	21.4	44.1	13 100*	27.9	47.8	13 200	32.9	50.0	12 700	56.0
58.0																21.8	43.3	12 600	27.9	46.5	12 000	58.0
60.0																13.2	36.8	11 900	21.8	42.1	11 400	60.0
62.0																			13.3	35.6	10 800	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.7	77.0	37 400*																			18.3
20.0	72.7	76.5	35 100*																			20.0
22.0	70.2	75.8	33 500*																			22.0
24.0	67.6	75.0	31 500*																			24.0
26.0	65.1	74.1	29 700*	68.1	74.8	31 300*																26.0
28.0	62.4	73.1	28 000*	65.5	73.9	29 500*	67.3	74.2	30 400*													28.0
30.0	59.7	72.0	26 500*	62.9	72.9	27 900*	64.7	73.3	28 700*													30.0
32.0	57.0	70.8	24 500*	60.2	71.8	26 400*	62.1	72.3	27 100*													32.0
34.0	54.1	69.4	22 400*	57.5	70.6	24 900*	59.4	71.2	25 700*													34.0
36.0	51.1	67.8	20 500*	54.6	69.2	22 800*	56.6	69.9	24 200*	59.7	70.6	25 500*										36.0
38.0	48.0	66.1	18 800*	51.6	67.7	20 800*	53.7	68.5	22 200*	57.0	69.4	24 200*										38.0
40.0	44.7	64.1	17 300*	48.6	66.0	19 100*	50.7	66.9	20 300*	54.1	68.0	22 500*	57.3	68.6	21 800							40.0
42.0	41.3	62.0	16 100*	45.3	64.1	17 500*	47.6	65.1	18 600*	51.1	66.4	20 500*	54.4	67.2	20 400							42.0
44.0	37.5	59.5	14 900*	41.9	62.0	16 300*	44.3	63.2	17 200*	48.0	64.7	18 800*	51.4	65.7	19 200							44.0
46.0	33.4	56.6	13 800*	38.2	59.6	15 100*	40.8	60.9	15 900*	44.7	62.7	17 400*	48.3	64.0	18 000	51.6	64.7	17 200				46.0
48.0	28.8	53.3	12 800*	34.2	56.8	14 000*	37.0	58.4	14 800*	41.3	60.6	16 100*	45.1	62.1	17 000	48.5	63.0	16 200				48.0
50.0	23.4	49.1	11 800*	29.7	53.5	13 000*	32.9	55.5	13 700*	37.5	58.1	14 900*	41.6	59.9	16 000	45.3	61.1	15 300				50.0
52.0	16.3	43.4	10 800*	24.4	49.5	12 000*	28.2	52.1	12 700*	33.4	55.2	13 900*	37.9	57.5	15 000*	41.8	59.0	14 500	45.3	59.8	13 800	52.0
54.0				17.7	44.2	11 100*	22.6	47.7	11 800*	28.8	51.9	12 900*	33.9	54.7	14 000*	38.1	56.5	13 700	41.9	57.7	13 100	54.0
56.0							15.1	41.7	10 800*	23.4	47.7	11 900*	29.3	51.3	13 000*	34.1	53.7	13 000	38.2	55.3	12 400	56.0
58.0										16.3	42.0	11 000*	24.0	47.3	12 100*	29.6	50.5	12 400	34.1	52.5	11 800	58.0
60.0													17.2	41.8	11 200*	24.3	46.5	11 700	29.6	49.2	11 200	60.0
62.0																17.6	41.1	11 100	24.4	45.2	10 600	62.0
64.0																5.3	30.8	10 300*	17.7	39.9	10 100	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.7	80.2	34 700*																			18.3
20.0	73.7	79.7	33 300*																			20.0
22.0	71.4	79.1	31 600*																			22.0
24.0	69.0	78.3	30 400*																			24.0
26.0	66.6	77.5	28 900*	69.4	78.1	29 900*																26.0
28.0	64.2	76.6	27 400*	67.0	77.3	28 400*																28.0
30.0	61.7	75.5	25 900*	64.6	76.4	27 300*	66.3	76.7	28 000*													30.0
32.0	59.1	74.4	24 400*	62.1	75.3	25 800*	63.9	75.7	26 500*													32.0
34.0	56.5	73.1	22 200*	59.6	74.2	24 400*	61.4	74.7	25 100*													34.0
36.0	53.8	71.7	20 400*	57.0	72.9	22 700*	58.8	73.5	23 800*	61.7	74.1	24 900*										36.0
38.0	51.0	70.1	18 700*	54.3	71.6	20 700*	56.2	72.2	22 000*	59.1	73.0	23 600*										38.0
40.0	48.1	68.4	17 200*	51.5	70.0	19 000*	53.4	70.8	20 100*	56.5	71.7	22 400*										40.0
42.0	45.0	66.4	15 900*	48.6	68.3	17 400*	50.6	69.2	18 500*	53.8	70.3	20 300*	56.8	70.9	20 300							42.0
44.0	41.8	64.3	14 800*	45.5	66.4	16 100*	47.7	67.4	17 000*	51.0	68.7	18 700*	54.1	69.5	19 000							44.0
46.0	38.3	61.9	13 700*	42.3	64.3	14 900*	44.6	65.5	15 800*	48.1	67.0	17 300*	51.3	68.0	17 900							46.0
48.0	34.5	59.1	12 700*	38.9	61.9	13 900*	41.3	63.3	14 600*	45.0	65.1	15 900*	48.4	66.3	16 900	51.5	67.0	16 100				48.0
50.0	30.3	55.9	11 800*	35.2	59.3	12 900*	37.8	60.8	13 600*	41.8	62.9	14 800*	45.3	64.4	16 000	48.5	65.3	15 200				50.0
52.0	25.6	52.1	10 900*	31.1	56.1	12 000*	34.0	58.0	12 700*	38.3	60.5	13 700*	42.1	62.2	14 900*	45.5	63.4	14 400				52.0
54.0	19.7	47.2	10 100*	26.4	52.4	11 100*	29.7	54.8	11 700*	34.5	57.7	12 800*	38.7	59.9	13 900*	42.3	61.3	13 600	45.5	62.2	13 000	54.0
56.0	11.1	39.7	8 900*	20.8	47.8	10 300*	24.9	50.8	10 900*	30.4	54.5	11 900*	34.9	57.1	12 900*	38.9	58.9	12 900	42.3	60.0	12 300	56.0
58.0							18.8	45.7	10 100*	25.6	50.7	11 000*	30.8	54.0	12 000*	35.1	56.2	12 300	38.9	57.7	11 700	58.0
60.0										19.7	45.8	10 200*	26.1	50.2	11 100*	31.0	53.1	11 600	35.2	55.0	11 100	60.0
62.0										11.2	38.3	9 400*	20.4	45.5	10 300*	26.4	49.4	11 100	31.1	51.9	10 500	62.0
64.0													12.3	38.4	9 500*	20.7	44.7	10 400*	26.4	48.2	10 000	64.0
66.0																12.9	37.9	9 600*	20.8	43.5	9 500	66.0
68.0																			13.0	36.7	9 000	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	74.9	82.9	31 700*																			19.8
20.0	74.6	82.9	31 500*																			20.0
22.0	72.5	82.3	30 200*																			22.0
24.0	70.2	81.6	28 900*																			24.0
26.0	68.0	80.8	27 800*	70.6	81.3	28 300*																26.0
28.0	65.7	79.9	26 700*	68.4	80.6	27 100*																28.0
30.0	63.4	79.0	25 200*	66.1	79.7	26 000*																30.0
32.0	61.0	77.9	23 900*	63.8	78.8	25 100*	65.4	79.1	25 700*													32.0
34.0	58.6	76.7	22 000*	61.4	77.7	23 800*	63.1	78.1	24 400*													34.0
36.0	56.1	75.4	20 100*	59.0	76.6	22 300*	60.7	77.0	23 200*													36.0
38.0	53.5	74.0	18 400*	56.6	75.3	20 400*	58.3	75.9	21 700*	61.0	76.5	23 000*										38.0
40.0	50.9	72.4	17 000*	54.0	73.9	18 700*	55.8	74.5	19 900*	58.6	75.3	21 800*										40.0
42.0	48.1	70.7	15 700*	51.4	72.3	17 200*	53.2	73.1	18 200*	56.1	74.0	20 200*										42.0
44.0	45.2	68.8	14 500*	48.6	70.6	15 900*	50.5	71.5	16 800*	53.6	72.6	18 500*	56.4	73.3	18 800							44.0
46.0	42.2	66.6	13 500*	45.7	68.7	14 700*	47.7	69.7	15 500*	50.9	71.0	17 000*	53.8	71.8	17 700							46.0
48.0	39.0	64.3	12 500*	42.7	66.6	13 600*	44.8	67.8	14 400*	48.1	69.3	15 700*	51.2	70.3	16 600							48.0
50.0	35.5	61.6	11 600*	39.5	64.3	12 700*	41.8	65.6	13 300*	45.2	67.4	14 500*	48.4	68.6	15 700	51.3	69.3	15 000				50.0
52.0	31.6	58.5	10 800*	36.1	61.7	11 800*	38.5	63.2	12 400*	42.2	65.3	13 500*	45.5	66.7	14 600*	48.6	67.6	14 200				52.0
54.0	27.3	54.9	10 000*	32.3	58.7	11 000*	35.0	60.5	11 600*	39.0	62.9	12 500*	42.5	64.6	13 600*	45.7	65.7	13 400				54.0
56.0	22.3	50.5	9 200*	28.1	55.2	10 200*	31.1	57.4	10 800*	35.5	60.2	11 700*	39.3	62.2	12 600*	42.7	63.6	12 700	45.7	64.5	12 100	56.0
58.0	15.7	44.6	8 500*	23.2	51.0	9 400*	26.7	53.7	10 000*	31.6	57.1	10 800*	35.8	59.6	11 700*	39.5	61.3	12 000	42.7	62.4	11 400	58.0
60.0				17.0	45.4	8 700*	21.5	49.2	9 200*	27.3	53.5	10 100*	32.0	56.6	10 900*	36.0	58.7	11 400	39.5	60.1	10 900	60.0
62.0							14.6	42.9	8 500*	22.3	49.1	9 400*	27.8	53.0	10 200*	32.3	55.7	10 800	36.1	57.4	10 300	62.0
64.0										15.7	43.2	8 700*	22.8	48.7	9 500*	28.1	52.2	10 200*	32.3	54.4	9 800	64.0
66.0													16.5	43.0	8 800*	23.2	47.9	9 500*	28.1	51.0	9 300	66.0
68.0																16.9	42.3	8 800*	23.2	46.7	8 800	68.0
70.0																6.1	32.1	8 100*	17.0	41.1	8 400	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.7	86.1	30 000*																			19.8
20.0	75.5	86.0	29 900*																			20.0
22.0	73.4	85.5	28 800*																			22.0
24.0	71.3	84.8	27 800*																			24.0
26.0	69.2	84.1	26 900*																			26.0
28.0	67.1	83.3	25 900*	69.6	83.8	25 700*																28.0
30.0	64.9	82.4	24 600*	67.5	83.0	24 700*																30.0
32.0	62.7	81.4	23 400*	65.3	82.2	22 900*																32.0
34.0	60.4	80.3	21 800*	63.1	81.2	23 100*	64.6	81.5	23 800*													34.0
36.0	58.1	79.1	19 900*	60.8	80.1	22 000*	62.4	80.5	22 600*													36.0
38.0	55.8	77.7	18 200*	58.5	78.9	20 200*	60.1	79.4	21 500*													38.0
40.0	53.3	76.3	16 700*	56.2	77.6	18 500*	57.8	78.2	19 700*	60.4	78.9	21 300*										40.0
42.0	50.8	74.7	15 500*	53.7	76.2	17 000*	55.4	76.9	18 000*	58.1	77.7	20 000*										42.0
44.0	48.2	73.0	14 300*	51.2	74.6	15 700*	53.0	75.4	16 600*	55.8	76.3	18 200*										44.0
46.0	45.4	71.1	13 200*	48.6	72.9	14 500*	50.4	73.8	15 300*	53.3	74.9	16 800*	56.0	75.6	17 500							46.0
48.0	42.6	69.0	12 300*	45.9	71.0	13 400*	47.8	72.0	14 100*	50.8	73.3	15 500*	53.6	74.2	16 500							48.0
50.0	39.5	66.6	11 400*	43.1	69.0	12 500*	45.1	70.1	13 100*	48.2	71.6	14 300*	51.1	72.6	15 500							50.0
52.0	36.3	64.0	10 600*	40.1	66.7	11 600*	42.2	68.0	12 200*	45.4	69.7	13 200*	48.4	70.9	14 500*	51.2	71.6	14 000				52.0
54.0	32.8	61.1	9 900*	36.9	64.1	10 800*	39.1	65.6	11 300*	42.6	67.6	12 300*	45.7	69.0	13 300*	48.6	69.9	13 200				54.0
56.0	28.8	57.7	9 200*	33.4	61.3	10 000*	35.8	63.0	10 500*	39.5	65.3	11 400*	42.9	66.9	12 400*	45.9	68.0	12 500				56.0
58.0	24.4	53.6	8 400*	29.6	57.9	9 300*	32.3	60.0	9 800*	36.3	62.7	10 700*	39.9	64.6	11 500*	43.0	66.0	11 900	45.9	66.8	11 300	58.0
60.0	18.9	48.5	7 800*	25.2	54.0	8 600*	28.3	56.5	9 100*	32.8	59.7	9 900*	36.6	62.0	10 700*	40.0	63.7	11 300	43.1	64.7	10 700	60.0
62.0	11.0	40.8	6 900*	20.0	49.1	8 000*	23.7	52.3	8 500*	28.9	56.3	9 200*	33.1	59.1	10 000*	36.8	61.1	10 700	40.0	62.4	10 100	62.0
64.0				12.8	42.1	7 300*	18.1	47.0	7 800*	24.4	52.2	8 600*	29.3	55.8	9 300*	33.3	58.2	10 100*	36.8	59.9	9 600	64.0
66.0										18.9	47.1	7 900*	24.9	51.8	8 600*	29.5	54.9	9 400*	33.4	57.0	9 100	66.0
68.0										11.1	39.4	7 300*	19.5	46.8	8 000*	25.1	51.0	8 700*	29.5	53.7	8 700	68.0
70.0													12.1	39.5	7 400*	19.9	46.0	8 100*	25.2	49.7	8 200	70.0
72.0																12.6	39.0	7 400*	19.9	44.8	7 800	72.0
74.0																			12.7	37.8	7 400*	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

25.9m (85 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	74.9	88.8	27 800*																			21.3
22.0	74.3	88.7	27 300*																			22.0
24.0	72.3	88.0	26 100*																			24.0
26.0	70.3	87.3	25 200*																			26.0
28.0	68.3	86.6	24 800*																			28.0
30.0	66.2	85.7	23 900*	68.6	86.3	23 300*																30.0
32.0	64.2	84.8	22 500*	66.6	85.5	22 700*																32.0
34.0	62.1	83.8	21 000*	64.5	84.6	22 200*	66.0	84.9	23 100*													34.0
36.0	59.9	82.6	19 600*	62.4	83.6	21 400*	63.9	84.0	21 900*													36.0
38.0	57.7	81.4	18 000*	60.3	82.5	19 900*	61.8	82.9	20 900*													38.0
40.0	55.4	80.1	16 500*	58.1	81.2	18 200*	59.6	81.8	19 400*	62.1	82.4	20 600*										40.0
42.0	53.1	78.6	15 200*	55.8	79.9	16 800*	57.4	80.5	17 800*	59.9	81.2	19 600*										42.0
44.0	50.7	77.0	14 000*	53.5	78.5	15 400*	55.1	79.2	16 300*	57.7	80.0	18 000*										44.0
46.0	48.2	75.3	13 000*	51.1	76.9	14 200*	52.8	77.7	15 100*	55.4	78.7	16 500*										46.0
48.0	45.6	73.4	12 000*	48.6	75.2	13 200*	50.4	76.1	13 900*	53.1	77.2	15 200*	55.7	77.9	16 200							48.0
50.0	42.9	71.3	11 200*	46.1	73.3	12 200*	47.9	74.3	12 900*	50.7	75.6	14 100*	53.3	76.5	15 300							50.0
52.0	40.1	69.0	10 400*	43.4	71.3	11 300*	45.3	72.4	11 900*	48.2	73.9	13 000*	50.9	74.9	14 200*							52.0
54.0	37.0	66.5	9 600*	40.6	69.0	10 500*	42.5	70.3	11 100*	45.6	72.0	12 100*	48.5	73.2	13 100*	51.1	73.9	13 000				54.0
56.0	33.7	63.6	9 000*	37.6	66.6	9 800*	39.7	68.0	10 300*	42.9	69.9	11 200*	45.9	71.3	12 100*	48.6	72.2	12 300				56.0
58.0	30.1	60.4	8 300*	34.3	63.8	9 100*	36.6	65.4	9 600*	40.1	67.6	10 400*	43.2	69.2	11 300*	46.0	70.3	11 600				58.0
60.0	26.1	56.6	7 700*	30.8	60.6	8 500*	33.3	62.5	8 900*	37.0	65.1	9 700*	40.4	67.0	10 500*	43.4	68.3	11 000	46.1	69.1	10 400	60.0
62.0	21.4	51.9	7 100*	26.8	56.9	7 800*	29.6	59.2	8 300*	33.7	62.2	9 000*	37.3	64.5	9 700*	40.5	66.0	10 500	43.4	67.0	9 900	62.0
64.0	15.3	45.7	6 500*	22.3	52.4	7 300*	25.5	55.3	7 700*	30.1	59.0	8 400*	34.1	61.6	9 100*	37.5	63.5	9 800*	40.5	64.8	9 400	64.0
66.0				16.5	46.6	6 700*	20.7	50.5	7 100*	26.1	55.2	7 800*	30.5	58.4	8 500*	34.3	60.7	9 100*	37.5	62.3	8 900	66.0
68.0							14.2	44.0	6 500*	21.4	50.5	7 200*	26.5	54.7	7 900*	30.7	57.5	8 500*	34.3	59.5	8 400	68.0
70.0										15.3	44.4	6 600*	21.9	50.2	7 300*	26.8	53.8	7 900*	30.8	56.3	8 000	70.0
72.0													16.0	44.2	6 700*	22.2	49.4	7 300*	26.8	52.6	7 600	72.0
74.0																16.4	43.5	6 700*	22.2	48.1	7 200	74.0
76.0																6.6	33.4	6 100*	16.4	42.3	6 800*	76.0

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	67.6	52.7	59 000*b																			13.7
14.0	66.7	52.6	58 300*b																			14.0
16.0	60.6	51.5	53 500*b																			16.0
18.0	54.2	50.2	49 200*	62.5	51.5	53 800*b																18.0
20.0	47.1	48.5	44 500*	56.2	50.2	49 600*b	61.1	50.9	52 200*b													20.0
22.0	39.1	46.3	40 800*	49.3	48.7	46 100*	54.7	49.6	48 200*b													22.0
24.0	29.2	43.2	37 000*	41.7	46.6	43 100*	47.7	47.9	44 900*	56.4	49.2	45 600										24.0
26.0				32.5	43.9	38 300*	39.8	45.7	42 000*	49.6	47.6	41 200										26.0
28.0				19.9	39.6	34 000*	30.1	42.8	37 300*	42.0	45.6	37 500	51.2	47.1	36 200							28.0
30.0							15.6	37.8	33 100*	32.9	42.9	34 400	43.8	45.2	33 200							30.0
32.0										20.5	38.7	31 700	35.2	42.6	30 600	45.2	44.4	29 500				32.0
34.0													23.9	38.9	28 300	36.8	42.0	27 300	46.2	43.2	26 300	34.0
36.0																26.3	38.6	25 400	38.0	40.9	24 400	36.0
38.0																			27.8	37.7	22 800	38.0

29.0m (95 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.5	56.0	57 500*b																			13.7
14.0	69.8	55.9	56 800*b																			14.0
16.0	64.6	55.0	52 000*b																			16.0
18.0	59.2	53.9	48 100*	66.2	54.9	52 400*b																18.0
20.0	53.5	52.5	44 300*	60.9	53.9	48 200*b	65.0	54.3	50 900*b													20.0
22.0	47.4	50.8	40 300*	55.3	52.6	44 900*	59.7	53.2	47 000*b													22.0
24.0	40.5	48.7	36 900*	49.3	51.0	41 900*	54.0	51.9	43 700*													24.0
26.0	32.4	45.8	32 900*	42.7	49.0	38 500*	47.9	50.2	40 800*	55.5	51.5	41 000										26.0
28.0	21.7	41.8	29 600*	35.0	46.4	34 100*	41.0	48.1	37 600*	49.5	49.9	37 300										28.0
30.0				25.4	42.8	30 600*	33.1	45.4	33 300*	42.9	48.0	34 200	50.9	49.4	33 000							30.0
32.0				8.1	35.8	27 600*	22.7	41.4	29 800*	35.3	45.4	31 600	44.5	47.5	30 400							32.0
34.0										25.8	41.9	29 200	37.2	45.1	28 200	45.7	46.7	27 100				34.0
36.0													28.2	41.9	26 200	38.6	44.4	25 200	39.5	43.3	22 600	36.0
38.0													14.9	36.5	24 400	30.0	41.3	23 500	31.2	40.4	21 100	38.0
40.0																			19.9	36.0	19 800	40.0
42.0																						42.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	72.8	59.2	56 000*																			13.7
14.0	72.1	59.1	55 300*																			14.0
16.0	67.6	58.3	50 800*																			16.0
18.0	63.0	57.4	46 900*																			18.0
20.0	58.2	56.2	43 600*	64.4	57.3	47 100*																20.0
22.0	53.0	54.8	40 200*	59.7	56.2	43 800*	63.4	56.7	46 000*													22.0
24.0	47.5	53.1	36 800*	54.6	54.9	40 900*	58.5	55.6	42 700*													24.0
26.0	41.5	51.0	33 000*	49.3	53.3	38 300*	53.4	54.2	39 800*	59.8	55.2	40 800										26.0
28.0	34.6	48.4	29 600*	43.4	51.3	34 300*	48.0	52.5	37 200*	54.8	53.8	37 200										28.0
30.0	26.1	44.8	26 800*	36.8	48.9	30 600*	42.0	50.5	33 400*	49.5	52.2	34 100										30.0
32.0	13.1	39.0	24 400*	28.9	45.7	27 700*	35.2	47.9	29 900*	43.6	50.3	31 400	50.7	51.7	30 200							32.0
34.0				18.1	40.9	25 100*	26.8	44.4	27 000*	37.1	47.9	29 100	45.0	49.8	28 000	51.7	50.8	26 900				34.0
36.0							14.5	38.9	24 600*	29.3	44.7	27 100	38.7	47.5	26 000	46.1	49.0	25 000				36.0
38.0										18.6	40.0	25 200*	31.2	44.5	24 300	39.9	46.8	23 300				38.0
40.0													21.5	40.3	22 700	32.7	44.0	21 800	40.7	45.7	21 000	40.0
42.0																23.5	40.1	20 500	33.6	43.0	19 600	42.0
44.0																			24.8	39.3	18 500	44.0

29.0m (95 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	74.5	62.4	54 500*																			13.7
14.0	73.9	62.3	53 800*																			14.0
16.0	70.0	61.6	49 400*																			16.0
18.0	65.9	60.8	45 700*																			18.0
20.0	61.7	59.8	42 400*	67.2	60.7	46 000*																20.0
22.0	57.3	58.6	39 700*	63.0	59.7	42 400*	66.2	60.1	44 800*													22.0
24.0	52.6	57.1	36 700*	58.6	58.6	39 800*	62.0	59.1	41 600*													24.0
26.0	47.7	55.4	32 900*	54.1	57.2	37 200*	57.6	57.9	38 800*													26.0
28.0	42.3	53.4	29 600*	49.2	55.6	34 300*	53.0	56.5	36 400*	58.8	57.5	36 900										28.0
30.0	36.3	50.8	26 700*	44.0	53.6	30 600*	48.1	54.8	33 500*	54.3	56.1	33 800										30.0
32.0	29.2	47.6	24 300*	38.2	51.3	27 600*	42.7	52.8	29 800*	49.4	54.5	31 200										32.0
34.0	19.8	43.1	22 200*	31.5	48.3	25 000*	36.8	50.3	26 900*	44.2	52.6	28 900	50.6	54.0	27 800							34.0
36.0				23.1	44.3	22 800*	29.8	47.2	24 500*	38.4	50.3	26 900	45.4	52.1	25 800							36.0
38.0				8.6	36.9	20 900*	20.7	42.8	22 400*	31.8	47.3	25 100	39.8	49.9	24 100	46.4	51.3	23 100				38.0
40.0										23.4	43.4	23 000*	33.4	47.1	22 500	40.9	49.1	21 600	47.0	50.1	20 700	40.0
42.0													25.5	43.5	21 100	34.6	46.5	20 300	41.6	48.0	19 400	42.0
44.0													14.0	37.7	19 800	27.1	43.0	19 000	35.4	45.5	18 200	44.0
46.0																			28.1	42.1	17 200	46.0
48.0																			18.3	37.3	16 200	48.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	76.0	65.6	52 700*																			13.7
14.0	75.4	65.5	52 100*																			14.0
16.0	71.9	64.9	48 000*																			16.0
18.0	68.2	64.1	44 500*																			18.0
20.0	64.5	63.2	41 400*	69.3	64.0	44 700*																20.0
22.0	60.6	62.1	38 700*	65.6	63.1	41 600*																22.0
24.0	56.6	60.9	36 300*	61.8	62.1	38 800*	64.8	62.6	40 600*													24.0
26.0	52.3	59.4	33 900*	57.8	60.9	36 400*	60.9	61.5	37 900*													26.0
28.0	47.8	57.7	30 400*	53.6	59.5	34 200*	56.9	60.3	35 600*	61.9	61.0	36 700										28.0
30.0	43.0	55.7	27 400*	49.2	57.9	31 600*	52.7	58.8	33 500*	58.0	59.8	33 600										30.0
32.0	37.6	53.3	24 900*	44.5	55.9	28 300*	48.2	57.1	30 700*	53.8	58.5	31 000										32.0
34.0	31.4	50.3	22 800*	39.3	53.7	25 700*	43.3	55.1	27 700*	49.4	56.8	28 700	54.8	57.8	27 500							34.0
36.0	23.9	46.4	21 000*	33.4	50.9	23 500*	38.0	52.7	25 100*	44.7	54.9	26 700	50.4	56.3	25 600							36.0
38.0	12.6	40.1	19 000*	26.4	47.3	21 500*	32.0	49.8	23 000*	39.5	52.7	24 900	45.8	54.4	23 800							38.0
40.0				16.9	42.1	19 800*	24.6	46.0	21 100*	33.7	49.9	23 300	40.7	52.2	22 300	46.6	53.6	21 400				40.0
42.0							13.8	40.0	19 500*	26.7	46.4	21 600*	35.1	49.6	21 000	41.7	51.5	20 000				42.0
44.0										17.3	41.2	19 900*	28.4	46.3	19 700	36.1	48.9	18 800	42.3	50.4	18 000	44.0
46.0													19.9	41.7	18 500	29.7	45.8	17 800	36.9	47.9	17 000	46.0
48.0																21.6	41.5	16 800	30.6	44.8	16 000	48.0
50.0																			22.8	40.7	15 100	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.7	68.3	48 100*b																			15.2
16.0	73.4	68.1	46 700*b																			16.0
18.0	70.1	67.4	43 300*																			18.0
20.0	66.7	66.6	40 300*																			20.0
22.0	63.3	65.6	37 700*	67.8	66.4	40 500*																22.0
24.0	59.7	64.5	35 400*	64.3	65.5	37 800*																24.0
26.0	55.9	63.2	33 400*	60.8	64.5	35 500*	63.5	65.0	36 900*													26.0
28.0	52.0	61.7	30 200*	57.1	63.2	33 400*	60.0	63.9	34 700*													28.0
30.0	47.9	60.0	27 300*	53.3	61.8	31 200*	56.2	62.6	32 600*	60.9	63.4	33 400										30.0
32.0	43.5	58.0	24 800*	49.2	60.2	28 100*	52.4	61.1	30 500*	57.2	62.2	30 800										32.0
34.0	38.7	55.7	22 600*	44.9	58.3	25 500*	48.2	59.4	27 500*	53.4	60.8	28 500										34.0
36.0	33.2	52.8	20 800*	40.2	56.0	23 300*	43.8	57.4	25 000*	49.4	59.1	26 500	54.3	60.1	25 300							36.0
38.0	26.9	49.3	19 200*	35.0	53.4	21 400*	39.1	55.1	22 800*	45.0	57.2	24 700	50.3	58.6	23 600							38.0
40.0	18.5	44.4	17 600*	28.9	50.1	19 600*	33.7	52.4	20 900*	40.4	55.0	23 100	46.0	56.7	22 100	51.0	57.7	21 100				40.0
42.0				21.4	45.7	18 200*	27.4	48.9	19 300*	35.2	52.4	21 500*	41.5	54.6	20 700	46.8	55.9	19 800				42.0
44.0				8.9	38.0	16 500*	19.3	44.1	17 800*	29.2	49.1	19 700*	36.4	52.1	19 500	42.3	53.8	18 600				44.0
46.0										21.7	44.8	18 200*	30.6	49.0	18 300	37.4	51.4	17 500	42.9	52.7	16 700	46.0
48.0													23.6	45.0	17 300	31.8	48.4	16 500	38.0	50.3	15 800	48.0
50.0													13.4	38.8	16 300	25.0	44.6	15 600	32.5	47.4	14 900	50.0
52.0																			25.9	43.8	14 100	52.0
54.0																			17.2	38.5	13 300	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.9	71.5	46 800*																			15.2
16.0	74.7	71.3	45 500*																			16.0
18.0	71.7	70.6	42 200*																			18.0
20.0	68.6	69.9	39 400*																			20.0
22.0	65.5	69.0	36 800*	69.6	69.7	39 600*																22.0
24.0	62.2	68.0	34 600*	66.4	68.9	37 000*																24.0
26.0	58.9	66.9	32 600*	63.2	67.9	34 700*	65.7	68.3	36 100*													26.0
28.0	55.4	65.5	30 300*	59.9	66.8	32 700*	62.5	67.4	33 900*													28.0
30.0	51.8	64.0	27 200*	56.5	65.6	30 800*	59.2	66.2	32 000*													30.0
32.0	48.0	62.3	24 700*	52.9	64.1	28 100*	55.7	64.9	30 200*	60.0	65.8	30 700										32.0
34.0	43.9	60.3	22 600*	49.2	62.5	25 400*	52.1	63.4	27 500*	56.6	64.5	28 400										34.0
36.0	39.5	58.1	20 700*	45.2	60.6	23 200*	48.3	61.7	24 900*	53.1	63.1	26 400										36.0
38.0	34.7	55.4	19 100*	40.9	58.4	21 300*	44.3	59.8	22 800*	49.3	61.4	24 600	53.9	62.4	23 500							38.0
40.0	29.1	52.1	17 700*	36.2	55.8	19 600*	39.9	57.5	20 900*	45.4	59.6	23 000	50.2	60.9	22 000							40.0
42.0	22.3	47.8	16 400*	30.9	52.8	18 100*	35.1	54.8	19 200*	41.1	57.4	21 400*	46.3	59.0	20 700	50.9	60.0	19 700				42.0
44.0	12.2	41.1	14 900*	24.6	48.9	16 800*	29.6	51.6	17 800*	36.4	54.8	19 700*	42.1	56.9	19 400	47.0	58.2	18 500				44.0
46.0				16.0	43.3	15 500*	22.9	47.5	16 500*	31.1	51.8	18 200*	37.5	54.5	18 300	42.9	56.2	17 400				46.0
48.0							13.3	41.1	15 300*	24.8	47.9	16 800*	32.4	51.6	17 300	38.4	53.8	16 500	43.4	55.0	15 700	48.0
50.0										16.4	42.4	15 600*	26.4	47.9	16 300	33.4	50.9	15 500	39.0	52.7	14 800	50.0
52.0													18.6	43.0	15 400	27.6	47.5	14 700	34.0	49.9	14 000	52.0
54.0																20.3	42.8	13 900	28.3	46.6	13 300	54.0
56.0																			21.3	42.1	12 600	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.7	74.2	42 800*																			16.8
18.0	73.1	73.8	41 000*																			18.0
20.0	70.2	73.2	38 300*																			20.0
22.0	67.3	72.4	35 900*																			22.0
24.0	64.4	71.4	33 700*	68.2	72.2	36 000*																24.0
26.0	61.3	70.4	31 800*	65.3	71.3	33 800*	67.6	71.7	35 100*													26.0
28.0	58.2	69.2	29 800*	62.3	70.3	31 800*	64.6	70.8	33 000*													28.0
30.0	55.0	67.9	27 100*	59.2	69.2	30 100*	61.6	69.7	31 100*													30.0
32.0	51.6	66.3	24 500*	56.0	67.9	27 900*	58.5	68.6	29 400*													32.0
34.0	48.1	64.6	22 400*	52.7	66.4	25 300*	55.2	67.2	27 300*	59.3	68.1	28 200										34.0
36.0	44.3	62.7	20 500*	49.2	64.8	23 000*	51.9	65.7	24 700*	56.1	66.8	26 200										36.0
38.0	40.3	60.4	18 900*	45.5	62.9	21 100*	48.4	64.0	22 600*	52.8	65.4	24 400										38.0
40.0	35.9	57.8	17 400*	41.5	60.7	19 400*	44.6	62.1	20 700*	49.3	63.7	22 800	53.5	64.8	21 800							40.0
42.0	30.9	54.7	16 200*	37.3	58.3	17 800*	40.6	59.9	19 000*	45.6	61.9	21 200*	50.1	63.2	20 400							42.0
44.0	25.1	50.9	15 000*	32.5	55.3	16 500*	36.2	57.3	17 600*	41.7	59.7	19 500*	46.5	61.3	19 200	50.7	62.3	18 300				44.0
46.0	17.5	45.6	13 900*	27.0	51.8	15 400*	31.3	54.2	16 300*	37.4	57.3	17 900*	42.6	59.3	18 100	47.1	60.5	17 200				46.0
48.0				20.1	47.1	14 300*	25.6	50.5	15 100*	32.7	54.4	16 600*	38.4	56.9	17 000	43.3	58.5	16 200				48.0
50.0				9.1	39.1	13 100*	18.2	45.4	14 100*	27.2	50.8	15 400*	33.8	54.1	16 100	39.2	56.2	15 300	43.8	57.4	14 600	50.0
52.0													28.6	50.7	15 200	34.7	53.4	14 500	39.7	55.1	13 800	52.0
54.0													22.2	46.4	14 400	29.6	50.2	13 800	35.3	52.4	13 000	54.0
56.0													13.0	39.9	13 600*	23.4	46.1	13 000	30.2	49.3	12 400	56.0
58.0																			24.3	45.3	11 800	58.0
60.0																			16.3	39.7	11 100	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.8	77.4	41 600*																			16.8
18.0	74.2	77.0	39 700*																			18.0
20.0	71.6	76.4	37 100*																			20.0
22.0	68.9	75.7	34 800*																			22.0
24.0	66.2	74.8	32 700*																			24.0
26.0	63.4	73.8	30 900*	67.0	74.7	32 800*																26.0
28.0	60.6	72.8	29 200*	64.3	73.8	31 000*	66.4	74.1	32 100*													28.0
30.0	57.6	71.5	27 400*	61.4	72.7	29 300*	63.6	73.2	30 300*													30.0
32.0	54.6	70.2	24 900*	58.5	71.5	27 700*	60.8	72.1	28 600*													32.0
34.0	51.4	68.6	22 700*	55.5	70.2	25 700*	57.9	70.9	27 100*	61.6	71.7	27 900										34.0
36.0	48.1	66.9	20 800*	52.4	68.7	23 400*	54.8	69.5	25 200*	58.6	70.5	25 900										36.0
38.0	44.6	65.0	19 100*	49.2	67.1	21 400*	51.7	68.0	22 900*	55.6	69.2	24 200										38.0
40.0	40.9	62.8	17 700*	45.7	65.2	19 600*	48.4	66.3	21 000*	52.5	67.7	22 600	56.3	68.5	21 600							40.0
42.0	36.9	60.3	16 400*	42.1	63.1	18 100*	44.9	64.4	19 300*	49.3	66.0	21 200	53.3	67.1	20 200							42.0
44.0	32.4	57.3	15 200*	38.1	60.7	16 800*	41.2	62.2	17 800*	45.9	64.2	19 700*	50.0	65.5	19 000							44.0
46.0	27.3	53.8	14 000*	33.8	57.9	15 500*	37.2	59.7	16 500*	42.2	62.1	18 200*	46.7	63.6	17 900	50.6	64.6	17 000				46.0
48.0	21.1	49.2	13 000*	28.9	54.5	14 400*	32.8	56.8	15 300*	38.3	59.7	16 800*	43.1	61.6	16 800	47.3	62.8	16 000				48.0
50.0	12.0	42.2	11 600*	23.1	50.3	13 400*	27.7	53.3	14 200*	34.0	56.9	15 600*	39.2	59.3	15 900	43.7	60.8	15 100				50.0
52.0				15.3	44.4	12 300*	21.6	48.9	13 100*	29.1	53.6	14 500*	35.0	56.6	15 100	39.9	58.5	14 300	44.2	59.7	13 600	52.0
54.0							12.9	42.2	12 100*	23.4	49.4	13 500*	30.3	53.4	14 200	35.8	55.9	13 500	40.4	57.4	12 900	54.0
56.0										15.7	43.6	12 400*	24.8	49.5	13 500	31.2	52.8	12 800	36.3	54.9	12 200	56.0
58.0													17.7	44.2	12 700*	25.9	49.1	12 200	31.8	51.9	11 500	58.0
60.0																19.2	44.1	11 600	26.6	48.2	11 000	60.0
62.0																			20.1	43.5	10 400	62.0
64.0																			10.2	35.8	9 900	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.9	80.1	37 200*																			18.3
20.0	72.8	79.6	35 400*																			20.0
22.0	70.3	78.9	33 800*																			22.0
24.0	67.8	78.1	31 800*																			24.0
26.0	65.2	77.2	30 000*	68.6	78.0	31 900*																26.0
28.0	62.6	76.2	28 400*	66.0	77.1	30 100*																28.0
30.0	59.9	75.1	27 000*	63.4	76.2	28 500*	65.4	76.6	29 400*													30.0
32.0	57.1	73.9	24 700*	60.7	75.1	27 000*	62.8	75.6	27 800*													32.0
34.0	54.3	72.5	22 500*	58.0	73.9	25 500*	60.1	74.5	26 400*													34.0
36.0	51.3	70.9	20 600*	55.1	72.5	23 100*	57.3	73.2	24 800*	60.8	74.0	25 700										36.0
38.0	48.2	69.2	18 900*	52.2	71.0	21 100*	54.5	71.9	22 700*	58.1	72.8	23 900										38.0
40.0	44.9	67.3	17 400*	49.1	69.4	19 400*	51.5	70.3	20 700*	55.2	71.5	22 300										40.0
42.0	41.5	65.1	16 100*	45.9	67.5	17 900*	48.4	68.6	19 000*	52.3	70.0	21 000	55.9	70.8	20 000							42.0
44.0	37.7	62.7	14 900*	42.5	65.4	16 500*	45.2	66.7	17 500*	49.3	68.3	19 500*	53.0	69.4	18 800							44.0
46.0	33.7	59.8	13 900*	38.9	63.1	15 300*	41.7	64.6	16 200*	46.1	66.5	17 900*	50.0	67.8	17 600							46.0
48.0	29.1	56.5	12 900*	34.9	60.4	14 200*	38.0	62.1	15 000*	42.7	64.4	16 600*	46.8	65.9	16 600	50.5	66.9	15 800				48.0
50.0	23.7	52.4	11 900*	30.5	57.2	13 200*	34.0	59.3	14 000*	39.0	62.1	15 400*	43.5	63.9	15 700	47.4	65.1	14 900				50.0
52.0	16.8	46.8	11 000*	25.5	53.4	12 300*	29.5	56.0	13 000*	35.1	59.4	14 300*	39.9	61.6	14 800	44.1	63.1	14 100				52.0
54.0				19.2	48.4	11 400*	24.2	52.0	12 100*	30.7	56.2	13 300*	36.0	59.0	14 100	40.6	60.9	13 300	44.5	62.0	12 600	54.0
56.0				9.2	40.2	10 200*	17.4	46.6	11 200*	25.7	52.4	12 400*	31.8	56.0	13 300	36.8	58.4	12 600	41.0	59.8	12 000	56.0
58.0										19.4	47.5	11 500*	26.9	52.4	12 600*	32.6	55.4	12 000	37.2	57.3	11 300	58.0
60.0													21.0	47.8	11 700*	27.8	51.9	11 400	33.1	54.4	10 700	60.0
62.0													12.7	41.0	10 800*	22.2	47.5	10 800	28.5	51.0	10 200	62.0
64.0																14.5	41.3	10 200	22.9	46.8	9 700	64.0
66.0																			15.7	40.9	9 200	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.8	83.3	35 000*																			18.3
20.0	73.8	82.8	33 500*																			20.0
22.0	71.5	82.1	31 900*																			22.0
24.0	69.2	81.4	30 800*																			24.0
26.0	66.8	80.6	29 300*	69.9	81.3	30 400*																26.0
28.0	64.3	79.7	27 800*	67.5	80.5	29 000*																28.0
30.0	61.8	78.6	26 300*	65.1	79.6	27 900*																30.0
32.0	59.3	77.5	24 500*	62.6	78.6	26 400*	64.5	79.0	27 200*													32.0
34.0	56.7	76.2	22 400*	60.1	77.4	24 900*	62.0	78.0	25 800*													34.0
36.0	54.0	74.8	20 400*	57.5	76.2	23 100*	59.5	76.8	24 500*													36.0
38.0	51.2	73.2	18 800*	54.8	74.8	21 000*	56.9	75.6	22 600*	60.2	76.4	23 800										38.0
40.0	48.2	71.5	17 300*	52.0	73.3	19 300*	54.2	74.2	20 600*	57.6	75.2	22 300										40.0
42.0	45.2	69.6	16 000*	49.1	71.7	17 700*	51.4	72.6	18 900*	54.9	73.8	20 800										42.0
44.0	41.9	67.5	14 800*	46.1	69.8	16 400*	48.5	70.9	17 400*	52.1	72.3	19 400*	55.5	73.1	18 600							44.0
46.0	38.5	65.1	13 700*	42.9	67.7	15 200*	45.4	69.0	16 100*	49.2	70.6	17 800*	52.8	71.7	17 500							46.0
48.0	34.7	62.3	12 800*	39.6	65.4	14 100*	42.2	66.9	14 900*	46.2	68.8	16 500*	49.9	70.1	16 500							48.0
50.0	30.6	59.2	11 900*	35.9	62.8	13 100*	38.8	64.5	13 800*	43.1	66.7	15 200*	46.9	68.3	15 600	50.4	69.2	14 800				50.0
52.0	25.8	55.4	11 000*	31.9	59.8	12 200*	35.0	61.8	12 900*	39.7	64.4	14 100*	43.8	66.2	14 800	47.5	67.4	13 900				52.0
54.0	20.1	50.5	10 200*	27.4	56.2	11 400*	30.9	58.7	12 000*	36.1	61.8	13 100*	40.5	64.0	13 900	44.4	65.4	13 200				54.0
56.0	11.8	43.3	9 100*	22.0	51.8	10 500*	26.2	54.9	11 200*	32.1	58.8	12 200*	36.9	61.5	13 200	41.1	63.2	12 500	44.8	64.3	11 800	56.0
58.0				14.8	45.6	9 700*	20.6	50.2	10 300*	27.5	55.3	11 400*	33.0	58.6	12 400*	37.6	60.8	11 900	41.5	62.2	11 200	58.0
60.0							12.6	43.3	9 600*	22.2	50.9	10 600*	28.6	55.1	11 600*	33.7	57.9	11 300	38.0	59.7	10 600	60.0
62.0										15.1	44.8	9 800*	23.5	51.0	10 800*	29.5	54.6	10 700	34.2	56.9	10 100	62.0
64.0													17.0	45.4	10 000*	24.5	50.6	10 200	30.0	53.7	9 600	64.0
66.0																18.3	45.4	9 700	25.2	49.8	9 100	66.0
68.0																			19.2	44.8	8 700	68.0
70.0																			10.2	36.9	8 200	70.0

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LIFTCRANE LUFFING JIB CAPACITIES

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WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.0	86.0	31 900*																			19.8
20.0	74.8	86.0	31 800*																			20.0
22.0	72.6	85.4	30 400*																			22.0
24.0	70.4	84.7	29 200*																			24.0
26.0	68.1	83.9	28 100*																			26.0
28.0	65.8	83.0	27 000*	68.8	83.7	27 600*																28.0
30.0	63.5	82.1	25 600*	66.5	82.9	26 500*																30.0
32.0	61.2	81.0	24 300*	64.2	82.0	25 600*	66.0	82.4	26 400*													32.0
34.0	58.7	79.8	22 100*	61.9	80.9	24 300*	63.7	81.4	25 100*													34.0
36.0	56.3	78.5	20 200*	59.5	79.8	22 800*	61.3	80.3	23 800*													36.0
38.0	53.7	77.1	18 500*	57.0	78.5	20 800*	58.9	79.2	22 300*													38.0
40.0	51.0	75.5	17 100*	54.5	77.2	19 000*	56.4	77.9	20 300*	59.6	78.7	22 000										40.0
42.0	48.3	73.8	15 700*	51.9	75.6	17 500*	53.9	76.5	18 700*	57.1	77.5	20 600										42.0
44.0	45.4	71.9	14 600*	49.1	74.0	16 100*	51.2	74.9	17 200*	54.6	76.1	19 100*										44.0
46.0	42.4	69.8	13 500*	46.3	72.1	14 900*	48.5	73.2	15 900*	52.0	74.6	17 600*	55.2	75.5	17 300							46.0
48.0	39.1	67.4	12 600*	43.3	70.1	13 800*	45.6	71.3	14 700*	49.2	72.9	16 200*	52.6	74.0	16 300							48.0
50.0	35.7	64.8	11 700*	40.1	67.8	12 800*	42.6	69.2	13 600*	46.4	71.1	15 000*	49.9	72.4	15 400							50.0
52.0	31.9	61.8	10 900*	36.7	65.2	11 900*	39.4	66.9	12 700*	43.4	69.1	13 900*	47.1	70.6	14 500	50.4	71.5	13 700				52.0
54.0	27.6	58.2	10 100*	33.1	62.3	11 100*	35.9	64.3	11 800*	40.3	66.8	12 900*	44.1	68.6	13 700	47.6	69.7	13 000				54.0
56.0	22.6	53.8	9 400*	29.0	58.9	10 400*	32.2	61.3	11 000*	36.9	64.2	12 000*	41.0	66.4	13 000	44.6	67.8	12 300				56.0
58.0	16.2	48.0	8 700*	24.2	54.9	9 700*	27.9	57.8	10 200*	33.2	61.4	11 200*	37.7	63.9	12 200*	41.6	65.6	11 600	45.0	66.6	10 900	58.0
60.0				18.3	49.6	8 900*	23.0	53.5	9 500*	29.1	58.0	10 400*	34.1	61.1	11 400*	38.3	63.2	11 000	42.0	64.5	10 400	60.0
62.0				9.4	41.3	8 000*	16.7	47.8	8 800*	24.4	54.0	9 700*	30.1	57.8	10 600*	34.7	60.4	10 500	38.7	62.1	9 900	62.0
64.0							5.5	37.2	8 000*	18.6	48.8	9 000*	25.5	54.0	9 900*	30.8	57.3	10 000	35.2	59.4	9 300	64.0
66.0													20.1	49.1	9 200*	26.4	53.5	9 400	31.3	56.3	8 900	66.0
68.0													12.4	42.1	8 500*	21.2	48.9	9 000	27.0	52.7	8 500	68.0
70.0																14.1	42.5	8 500	21.9	48.2	8 000	70.0
72.0																			15.1	42.1	7 600	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.8	89.2	30 200*																			19.8
20.0	75.6	89.1	30 100*																			20.0
22.0	73.5	88.6	29 000*																			22.0
24.0	71.4	87.9	28 100*																			24.0
26.0	69.3	87.2	27 200*																			26.0
28.0	67.2	86.4	26 200*	70.0	87.0	26 400*																28.0
30.0	65.0	85.5	24 900*	67.9	86.2	25 500*																30.0
32.0	62.8	84.5	23 700*	65.7	85.4	23 700*																32.0
34.0	60.6	83.4	21 900*	63.5	84.4	23 400*	65.2	84.8	24 400*													34.0
36.0	58.3	82.2	20 000*	61.3	83.3	22 500*	63.0	83.8	23 200*													36.0
38.0	55.9	80.9	18 300*	59.0	82.2	20 600*	60.7	82.7	22 000*													38.0
40.0	53.4	79.4	16 800*	56.6	80.9	18 800*	58.4	81.5	20 200*	61.3	82.3	21 800										40.0
42.0	50.9	77.8	15 500*	54.2	79.5	17 300*	56.1	80.2	18 400*	59.0	81.1	20 400										42.0
44.0	48.3	76.1	14 300*	51.7	77.9	15 900*	53.6	78.8	17 000*	56.7	79.8	18 900*										44.0
46.0	45.6	74.2	13 300*	49.1	76.3	14 700*	51.1	77.2	15 600*	54.3	78.4	17 300*	57.2	79.2	17 100							46.0
48.0	42.7	72.1	12 300*	46.4	74.4	13 600*	48.5	75.5	14 400*	51.8	76.9	16 000*	54.8	77.8	16 000							48.0
50.0	39.7	69.8	11 400*	43.6	72.4	12 600*	45.8	73.6	13 400*	49.2	75.2	14 800*	52.4	76.3	15 100							50.0
52.0	36.5	67.2	10 700*	40.6	70.2	11 700*	43.0	71.6	12 400*	46.5	73.4	13 600*	49.8	74.7	14 300							52.0
54.0	33.0	64.3	9 900*	37.5	67.7	10 900*	39.9	69.3	11 600*	43.7	71.4	12 700*	47.2	72.9	13 500	50.3	73.8	12 800				54.0
56.0	29.1	60.9	9 300*	34.1	64.8	10 200*	36.7	66.7	10 800*	40.8	69.1	11 800*	44.4	70.9	12 800	47.6	72.0	12 100				56.0
58.0	24.6	56.9	8 600*	30.3	61.6	9 500*	33.2	63.8	10 000*	37.6	66.7	10 900*	41.4	68.7	12 000*	44.9	70.1	11 400				58.0
60.0	19.2	51.8	7 900*	26.1	57.8	8 800*	29.4	60.5	9 300*	34.2	63.9	10 200*	38.3	66.3	11 100*	42.0	67.9	10 800	45.2	68.9	10 200	60.0
62.0	11.6	44.4	7 100*	21.0	53.1	8 200*	25.0	56.5	8 700*	30.5	60.6	9 500*	35.0	63.6	10 400*	38.9	65.6	10 300	42.4	66.8	9 600	62.0
64.0				19.7	51.5	8 000*	23.4	54.5	8 500*	28.2	58.9	9 300*	31.3	60.4	9 700*	35.6	62.9	9 800	39.3	64.5	9 200	64.0
66.0				12.4	44.4	7 400*	12.4	44.4	7 400*	21.2	52.2	8 200*	27.2	56.8	9 000*	32.0	59.9	9 300	36.0	61.9	8 700	66.0
68.0										14.7	45.9	7 600*	22.5	52.4	8 400*	28.0	56.3	8 800	32.5	58.9	8 300	68.0
70.0													16.4	46.6	7 800*	23.4	52.1	8 400	28.5	55.4	7 900	70.0
72.0																17.6	46.7	7 900*	24.0	51.3	7 400	72.0
74.0																			18.4	46.1	7 000	74.0
76.0																			10.2	38.0	6 700	76.0

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M-250 SERIES 2

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

29.0m (95 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.0	91.9	27 500*																			21.3
22.0	74.4	91.7	27 200*																			22.0
24.0	72.4	91.1	26 300*																			24.0
26.0	70.4	90.4	25 400*																			26.0
28.0	68.4	89.7	25 100*																			28.0
30.0	66.4	88.8	24 100*	69.0	89.5	23 700*																30.0
32.0	64.3	87.9	22 600*	67.0	88.7	23 100*																32.0
34.0	62.2	86.9	21 100*	64.9	87.8	22 500*	66.5	88.1	23 600*													34.0
36.0	60.0	85.7	19 700*	62.8	86.8	21 800*	64.4	87.2	22 500*													36.0
38.0	57.8	84.5	18 000*	60.7	85.7	20 300*	62.3	86.2	21 400*													38.0
40.0	55.6	83.2	16 600*	58.5	84.5	18 600*	60.2	85.1	19 900*													40.0
42.0	53.2	81.7	15 300*	56.2	83.2	17 000*	58.0	83.9	18 200*	60.8	84.6	20 200										42.0
44.0	50.8	80.1	14 100*	53.9	81.8	15 700*	55.7	82.5	16 700*	58.6	83.4	18 600*										44.0
46.0	48.3	78.4	13 100*	51.6	80.2	14 400*	53.4	81.1	15 400*	56.3	82.2	17 100*										46.0
48.0	45.8	76.5	12 100*	49.1	78.6	13 300*	51.0	79.5	14 200*	54.0	80.7	15 700*										48.0
50.0	43.1	74.5	11 200*	46.6	76.7	12 400*	48.5	77.8	13 100*	51.7	79.2	14 500*	56.8	81.5	15 800							50.0
52.0	40.2	72.2	10 400*	43.9	74.7	11 500*	46.0	75.9	12 200*	49.2	77.5	13 400*	54.6	80.1	14 900							52.0
54.0	37.2	69.7	9 700*	41.1	72.5	10 700*	43.3	73.9	11 300*	46.7	75.7	12 400*	52.2	78.6	14 100							54.0
56.0	33.9	66.8	9 000*	38.1	70.1	9 900*	40.4	71.6	10 500*	44.0	73.7	11 500*	49.8	77.0	13 300							56.0
58.0	30.3	63.6	8 400*	34.9	67.3	9 200*	37.4	69.1	9 800*	41.2	71.5	10 700*	47.2	75.2	12 600*	50.2	76.1	11 800				58.0
60.0	26.3	59.8	7 800*	31.5	64.2	8 600*	34.2	66.3	9 100*	38.2	69.1	9 900*	44.6	73.2	11 700*	47.7	74.3	11 200				60.0
62.0	21.6	55.2	7 200*	27.6	60.6	8 000*	30.6	63.1	8 500*	35.1	66.3	9 300*	54.6	80.1	14 900							62.0
64.0	15.6	49.2	6 600*	23.2	56.4	7 400*	26.7	59.4	7 900*	31.6	63.3	8 600*	52.2	78.6	14 100	45.1	72.4	10 600	45.4	71.3	9 400	64.0
66.0				17.7	50.9	6 800*	22.0	54.9	7 300*	27.8	59.7	8 000*	49.8	77.0	13 300	39.5	67.9	9 600	42.7	69.2	8 900	66.0
68.0				9.4	42.4	6 100*	16.2	49.0	6 700*	23.4	55.4	7 500*	47.2	75.2	12 600*	36.4	65.3	9 000	39.8	66.9	8 500	68.0
70.0							6.1	38.5	6 100*	17.9	50.0	6 900*	44.6	73.2	11 700*	33.1	62.4	8 600	36.8	64.3	8 000	70.0
72.0													24.4	55.5	7 600*	29.4	59.1	8 200	33.5	61.4	7 600	72.0
74.0													19.3	50.4	7 100*	25.2	55.1	7 700*	29.9	58.1	7 200	74.0
76.0													12.2	43.1	6 500*	20.3	50.3	7 200*	25.8	54.3	6 900	76.0
78.0																13.7	43.6	6 600*	21.0	49.6	6 500	78.0

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M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	67.9	55.8	59 600*b																			13.7
14.0	67.0	55.7	58 900*b																			14.0
16.0	61.0	54.6	54 100*b																			16.0
18.0	54.5	53.3	50 100*	63.6	54.7	55 100*b																18.0
20.0	47.5	51.6	46 600*	57.4	53.5	50 800*b	62.7	54.2	53 900*b													20.0
22.0	39.6	49.5	42 500*	50.7	52.0	47 200*	56.4	53.0	49 800*b													22.0
24.0	29.8	46.5	37 100*	43.2	50.1	44 200*	49.6	51.4	46 300*	59.0	52.7	45 000b										24.0
26.0				34.4	47.5	39 200*	42.0	49.4	42 400	52.4	51.2	40 700										26.0
28.0				22.8	43.7	34 700*	32.9	46.7	38 400	45.1	49.4	37 100	54.8	50.7	35 600b							28.0
30.0							20.5	42.5	34 200*	36.7	47.0	34 000	47.8	49.1	32 600							30.0
32.0										26.1	43.6	31 300	39.9	46.9	30 100							32.0
34.0													30.3	43.9	27 800	42.4	46.3	26 700				34.0
36.0													15.9	39.0	25 900	33.4	43.7	24 800	44.3	45.4	23 800	36.0
38.0																21.3	39.6	23 200	35.8	42.9	22 200	38.0
40.0																			24.8	39.3	20 700	40.0

32.0m (105 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
13.7	70.8	59.1	58 100*b																			13.7
14.0	70.0	59.0	57 400*b																			14.0
16.0	64.9	58.1	52 600*b																			16.0
18.0	59.5	57.0	48 700*	67.2	58.1	53 700*b																18.0
20.0	53.9	55.6	45 300*	61.9	57.1	49 500*b	66.4	57.6	52 500*b													20.0
22.0	47.7	53.9	42 000*	56.4	55.9	46 000*	61.1	56.6	48 500*b													22.0
24.0	40.9	51.8	37 400*	50.5	54.3	42 900*	55.5	55.3	45 000*													24.0
26.0	32.8	49.1	33 200*	44.0	52.4	39 400*	49.5	53.7	42 000*	57.8	55.0	40 500										26.0
28.0	22.4	45.1	29 800*	36.5	50.0	34 900*	42.9	51.7	38 400	52.0	53.5	36 900										28.0
30.0				27.4	46.6	31 200*	35.3	49.2	34 400*	45.6	51.7	33 800	54.1	53.0	32 400							30.0
32.0				13.2	41.0	28 100*	25.8	45.7	30 700*	38.5	49.4	31 200	47.9	51.4	29 800							32.0
34.0										29.9	46.4	28 900	41.1	49.3	27 700	49.9	50.6	26 400				34.0
36.0										17.8	41.7	26 800	33.2	46.5	25 700	43.3	48.7	24 600				36.0
38.0													22.8	42.6	24 000	35.7	46.2	22 900	37.7	45.3	20 500	38.0
40.0																26.4	42.7	21 400	28.9	42.2	19 200	40.0
42.0																			16.1	37.1	18 000	42.0
44.0																						44.0

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DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	73.5	68.2	49 900*																			15.2
16.0	72.1	68.0	48 500*																			16.0
18.0	68.4	67.2	44 900*																			18.0
20.0	64.7	66.3	41 900*	70.0	67.1	45 700*																20.0
22.0	60.8	65.3	39 200*	66.3	66.3	42 100*																22.0
24.0	56.8	64.0	36 800*	62.5	65.3	39 700*	65.8	65.8	41 700*													24.0
26.0	52.5	62.6	34 100*	58.6	64.2	37 300*	61.9	64.8	39 000*													26.0
28.0	48.1	60.9	30 500*	54.4	62.8	35 000*	58.0	63.6	36 600*													28.0
30.0	43.2	58.9	27 600*	50.1	61.2	32 200*	53.8	62.2	34 500*	59.5	63.3	33 200										30.0
32.0	37.9	56.5	25 100*	45.4	59.4	28 800*	49.4	60.6	31 500*	55.5	62.0	30 600										32.0
34.0	31.8	53.5	22 900*	40.3	57.1	26 200*	44.7	58.7	28 400*	51.2	60.4	28 300	56.9	61.4	27 000							34.0
36.0	24.4	49.7	21 100*	34.6	54.5	23 900*	39.5	56.4	25 800*	46.6	58.7	26 300	52.7	60.0	25 100							36.0
38.0	13.4	43.6	19 300*	27.9	51.1	21 900*	33.7	53.7	23 500*	41.6	56.5	24 600	48.2	58.3	23 400							38.0
40.0				19.0	46.3	20 100*	26.7	50.1	21 600*	36.1	54.0	23 000	43.4	56.3	21 900	49.6	57.5	20 800				40.0
42.0							17.3	45.0	19 900*	29.6	50.8	21 600	38.1	53.9	20 500	44.9	55.6	19 500				42.0
44.0										21.5	46.5	20 300	32.0	51.0	19 300	39.8	53.4	18 300				44.0
46.0													24.7	47.2	18 200	34.0	50.7	17 300	41.1	52.5	16 400	46.0
48.0													14.0	41.3	17 100	27.1	47.2	16 300	35.5	49.9	15 500	48.0
50.0																17.9	42.2	15 400	28.9	46.6	14 600	50.0
52.0																			20.5	42.1	13 800	52.0

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M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.9	71.4	48 400*																			15.2
16.0	73.6	71.2	47 100*																			16.0
18.0	70.3	70.5	43 700*																			18.0
20.0	66.9	69.7	40 800*																			20.0
22.0	63.4	68.7	38 200*	68.4	69.6	41 400*																22.0
24.0	59.9	67.6	35 900*	65.0	68.7	38 700*																24.0
26.0	56.1	66.3	33 700*	61.4	67.7	36 300*	64.5	68.2	38 000*													26.0
28.0	52.3	64.9	30 400*	57.8	66.5	34 200*	60.9	67.2	35 600*													28.0
30.0	48.1	63.2	27 400*	54.0	65.1	31 800*	57.2	65.9	33 600*													30.0
32.0	43.7	61.2	24 900*	50.0	63.5	28 700*	53.4	64.5	31 300*	58.7	65.6	30 300										32.0
34.0	38.9	58.9	22 700*	45.7	61.7	26 000*	49.4	62.9	28 200*	54.9	64.3	28 100										34.0
36.0	33.5	56.1	20 900*	41.1	59.5	23 700*	45.0	61.0	25 600*	51.0	62.7	26 100										36.0
38.0	27.2	52.6	19 300*	36.0	56.9	21 700*	40.4	58.8	23 400*	46.8	61.0	24 300	52.4	62.3	23 200							38.0
40.0	19.0	47.7	17 800*	30.1	53.8	20 000*	35.2	56.1	21 400*	42.3	58.9	22 800	48.3	60.6	21 600							40.0
42.0				23.0	49.7	18 400*	29.2	52.9	19 700*	37.3	56.4	21 400	43.9	58.6	20 300	49.6	59.8	19 300				42.0
44.0				12.2	43.1	17 000*	21.7	48.6	18 200*	31.7	53.5	20 100	39.1	56.3	19 100	45.3	58.0	18 100				44.0
46.0										24.9	49.6	18 800*	33.8	53.5	18 000	40.6	55.8	17 000	46.3	56.9	16 100	46.0
48.0										15.6	44.0	17 400*	27.5	50.1	17 000	35.5	53.1	16 100	41.8	54.8	15 200	48.0
50.0													19.4	45.3	16 000	29.5	49.9	15 200	36.8	52.3	14 400	50.0
52.0																22.2	45.7	14 400	31.1	49.3	13 600	52.0
54.0																			24.1	45.3	12 900	54.0
56.0																			14.3	39.4	12 200	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	76.1	74.5	47 100*b																			15.2
16.0	74.9	74.3	45 800*b																			16.0
18.0	71.9	73.7	42 600*																			18.0
20.0	68.8	73.0	39 800*																			20.0
22.0	65.6	72.1	37 300*																			22.0
24.0	62.4	71.1	35 000*	67.0	72.1	37 800*																24.0
26.0	59.1	70.0	33 000*	63.8	71.2	35 500*	66.6	71.6	37 100*													26.0
28.0	55.6	68.7	30 500*	60.5	70.1	33 400*	63.4	70.6	34 900*													28.0
30.0	52.0	67.2	27 300*	57.1	68.8	31 500*	60.0	69.5	32 800*													30.0
32.0	48.2	65.5	24 900*	53.6	67.4	28 600*	56.6	68.3	31 100*													32.0
34.0	44.2	63.5	22 700*	49.9	65.8	25 900*	53.1	66.8	28 200*	58.0	68.0	28 000										34.0
36.0	39.8	61.2	20 800*	46.0	64.0	23 600*	49.3	65.2	25 500*	54.5	66.6	26 000										36.0
38.0	35.0	58.6	19 200*	41.7	61.8	21 600*	45.4	63.3	23 300*	50.8	65.1	24 300										38.0
40.0	29.4	55.3	17 700*	37.1	59.4	19 900*	41.1	61.1	21 400*	47.0	63.3	22 700	52.1	64.6	21 500							40.0
42.0	22.7	51.1	16 400*	32.0	56.4	18 400*	36.4	58.6	19 700*	42.8	61.2	21 300	48.4	62.9	20 200							42.0
44.0	13.0	44.7	15 200*	25.9	52.7	17 000*	31.1	55.5	18 100*	38.3	58.8	20 000	44.3	60.9	19 000	49.5	62.1	18 000				44.0
46.0				17.9	47.6	15 800*	24.8	51.7	16 800*	33.3	56.0	18 800*	40.0	58.7	17 900	45.6	60.3	17 000				46.0
48.0							16.4	46.2	15 600*	27.5	52.5	17 300*	35.1	56.0	16 900	41.3	58.1	16 000				48.0
50.0										20.1	47.9	16 100*	29.7	52.8	16 000	36.7	55.6	15 100	42.4	57.2	14 300	50.0
52.0													23.0	48.7	15 100	31.4	52.6	14 300	37.8	54.7	13 500	52.0
54.0													13.5	42.4	14 300	25.2	48.8	13 500	32.8	51.8	12 800	54.0
56.0																16.9	43.4	12 800	26.8	48.3	12 100	56.0
58.0																			19.3	43.4	11 500	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.9	77.3	43 100*																			16.8
18.0	73.2	76.9	41 300*																			18.0
20.0	70.4	76.2	38 600*																			20.0
22.0	67.5	75.4	36 300*																			22.0
24.0	64.5	74.5	34 100*	68.8	75.4	36 700*																24.0
26.0	61.5	73.5	32 200*	65.8	74.5	34 600*																26.0
28.0	58.4	72.3	30 200*	62.8	73.5	32 600*	65.4	74.0	33 900*													28.0
30.0	55.2	71.0	27 200*	59.8	72.4	30 700*	62.4	73.0	32 000*													30.0
32.0	51.8	69.5	24 600*	56.6	71.2	28 400*	59.3	71.9	30 200*													32.0
34.0	48.3	67.8	22 500*	53.3	69.7	25 700*	56.1	70.6	28 100*	60.5	71.5	27 800										34.0
36.0	44.5	65.8	20 600*	49.8	68.1	23 400*	52.8	69.1	25 300*	57.4	70.3	25 700										36.0
38.0	40.5	63.6	19 000*	46.2	66.3	21 400*	49.3	67.5	23 100*	54.1	68.9	24 000										38.0
40.0	36.1	61.0	17 500*	42.3	64.2	19 700*	45.6	65.6	21 100*	50.7	67.4	22 400	55.3	68.4	21 300							40.0
42.0	31.2	57.9	16 200*	38.1	61.8	18 100*	41.7	63.5	19 400*	47.1	65.6	21 100	51.9	66.9	20 000							42.0
44.0	25.4	54.2	15 100*	33.4	58.9	16 800*	37.4	61.0	18 000*	43.3	63.6	19 800	48.4	65.2	18 700							44.0
46.0	18.0	49.0	14 000*	28.1	55.5	15 600*	32.7	58.1	16 600*	39.2	61.2	18 500*	44.7	63.2	17 700	49.5	64.4	16 700				46.0
48.0				21.6	51.1	14 500*	27.2	54.6	15 400*	34.6	58.5	17 100*	40.7	61.0	16 700	45.8	62.6	15 700				48.0
50.0				12.0	44.2	13 500*	20.4	49.9	14 300*	29.5	55.3	15 900*	36.3	58.5	15 800	41.9	60.5	14 900				50.0
52.0										23.3	51.1	14 800*	31.4	55.4	14 900	37.7	58.0	14 100	42.9	59.5	13 300	52.0
54.0										14.9	45.2	13 700*	25.7	51.7	14 100	33.0	55.1	13 300	38.7	57.1	12 600	54.0
56.0													18.3	46.6	13 400	27.5	51.6	12 600	34.1	54.4	11 900	56.0
58.0																20.8	47.1	12 000	28.9	51.0	11 300	58.0
60.0																			22.6	46.8	10 700	60.0
62.0																			13.8	40.5	10 100	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.9	80.4	41 900*																			16.8
18.0	74.4	80.1	39 900*																			18.0
20.0	71.7	79.5	37 400*																			20.0
22.0	69.1	78.7	35 100*																			22.0
24.0	66.3	77.9	33 100*																			24.0
26.0	63.6	76.9	31 300*	67.5	77.9	33 500*																26.0
28.0	60.7	75.9	29 600*	64.8	77.0	31 600*	67.1	77.4	32 900*													28.0
30.0	57.8	74.7	27 600*	62.0	75.9	29 900*	64.4	76.4	31 000*													30.0
32.0	54.8	73.3	25 000*	59.1	74.8	28 300*	61.6	75.4	29 400*													32.0
34.0	51.6	71.8	22 800*	56.1	73.5	26 200*	58.6	74.2	27 800*													34.0
36.0	48.3	70.1	20 900*	53.0	72.0	23 800*	55.6	72.9	25 900*	59.8	73.9	25 600										36.0
38.0	44.8	68.1	19 200*	49.8	70.4	21 700*	52.5	71.4	23 500*	56.8	72.6	23 800										38.0
40.0	41.1	65.9	17 700*	46.4	68.6	20 000*	49.3	69.8	21 500*	53.8	71.2	22 300										40.0
42.0	37.1	63.4	16 400*	42.8	66.5	18 400*	45.9	67.9	19 700*	50.6	69.7	20 900	54.9	70.7	19 800							42.0
44.0	32.7	60.5	15 300*	38.9	64.2	17 000*	42.2	65.8	18 200*	47.2	67.9	19 600	51.7	69.2	18 600							44.0
46.0	27.6	57.0	14 200*	34.7	61.4	15 800*	38.3	63.4	16 800*	43.7	65.9	18 400	48.4	67.5	17 400							46.0
48.0	21.4	52.5	13 100*	29.9	58.2	14 600*	34.0	60.6	15 600*	39.9	63.6	17 300	45.0	65.6	16 500	49.5	66.7	15 500				48.0
50.0	12.6	45.8	11 800*	24.3	54.2	13 600*	29.1	57.3	14 500*	35.8	61.0	16 100*	41.3	63.4	15 500	46.0	64.9	14 700				50.0
52.0				17.0	48.8	12 600*	23.4	53.2	13 500*	31.1	57.9	14 900*	37.3	60.9	14 700	42.4	62.8	13 800	46.9	63.8	13 000	52.0
54.0							15.7	47.4	12 500*	25.8	54.1	13 900*	32.8	58.0	13 900	38.5	60.4	13 100	43.3	61.8	12 300	54.0
56.0										19.1	49.2	12 900*	27.8	54.5	13 200	34.2	57.6	12 500	39.5	59.5	11 700	56.0
58.0													21.7	50.1	12 500	29.4	54.4	11 800	35.3	56.8	11 100	58.0
60.0													13.1	43.5	11 900	23.7	50.3	11 200	30.6	53.7	10 500	60.0
62.0																16.2	44.6	10 600	25.2	49.8	10 000	62.0
64.0																			18.3	44.7	9 500	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.0	83.2	37 400*																			18.3
20.0	72.9	82.7	35 700*																			20.0
22.0	70.4	82.0	34 100*																			22.0
24.0	67.9	81.2	32 100*																			24.0
26.0	65.3	80.3	30 400*	69.0	81.2	32 500*																26.0
28.0	62.7	79.3	28 800*	66.5	80.3	30 700*																28.0
30.0	60.0	78.2	27 200*	63.9	79.4	29 100*	66.1	79.8	30 200*													30.0
32.0	57.3	77.0	24 800*	61.2	78.3	27 600*	63.5	78.9	28 600*													32.0
34.0	54.4	75.6	22 600*	58.5	77.1	26 000*	60.8	77.8	27 100*													34.0
36.0	51.4	74.1	20 700*	55.7	75.8	23 500*	58.1	76.6	25 500*													36.0
38.0	48.4	72.4	19 000*	52.8	74.3	21 500*	55.2	75.2	23 200*	59.2	76.3	23 600										38.0
40.0	45.1	70.4	17 500*	49.7	72.7	19 700*	52.3	73.7	21 200*	56.4	75.0	22 000										40.0
42.0	41.7	68.3	16 200*	46.5	70.9	18 100*	49.3	72.1	19 500*	53.5	73.5	20 600										42.0
44.0	37.9	65.9	15 000*	43.2	68.9	16 800*	46.1	70.2	17 900*	50.5	72.0	19 400	54.5	73.0	18 300							44.0
46.0	33.9	63.0	14 000*	39.6	66.5	15 500*	42.7	68.2	16 600*	47.3	70.2	18 200	51.6	71.5	17 200							46.0
48.0	29.3	59.7	13 000*	35.7	63.9	14 400*	39.0	65.8	15 300*	44.0	68.2	17 100	48.5	69.8	16 200							48.0
50.0	24.0	55.7	12 100*	31.4	60.8	13 400*	35.1	63.1	14 300*	40.5	66.0	15 800*	45.2	67.9	15 300	49.4	69.0	14 400				50.0
52.0	17.2	50.2	11 100*	26.5	57.2	12 500*	30.7	60.0	13 200*	36.7	63.4	14 700*	41.8	65.7	14 500	46.2	67.2	13 600				52.0
54.0				20.5	52.4	11 600*	25.7	56.2	12 400*	32.5	60.5	13 600*	38.1	63.3	13 700	42.9	65.1	12 900				54.0
56.0				11.7	45.3	10 700*	19.4	51.2	11 500*	27.8	57.0	12 700*	34.1	60.5	13 000	39.2	62.8	12 200	43.7	64.1	11 400	56.0
58.0										22.1	52.6	11 800*	29.5	57.2	12 300	35.3	60.1	11 600	40.1	61.9	10 900	58.0
60.0										14.4	46.3	11 000*	24.2	53.2	11 700	31.0	57.0	11 000	36.3	59.3	10 300	60.0
62.0													17.5	47.8	11 100	26.0	53.2	10 400	32.1	56.3	9 800	62.0
64.0													4.8	37.3	10 400*	19.8	48.4	9 900	27.2	52.7	9 200	64.0
66.0																			21.4	48.2	8 800	66.0
68.0																			13.4	41.6	8 300	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.9	86.3	35 100*																			18.3
20.0	74.0	85.9	33 700*																			20.0
22.0	71.6	85.2	32 200*																			22.0
24.0	69.3	84.5	31 100*																			24.0
26.0	66.9	83.7	29 600*	70.3	84.4	31 000*																26.0
28.0	64.5	82.8	28 100*	67.9	83.6	29 400*																28.0
30.0	62.0	81.7	26 600*	65.5	82.8	28 400*																30.0
32.0	59.4	80.6	24 700*	63.1	81.8	26 900*	65.2	82.3	27 800*													32.0
34.0	56.8	79.3	22 400*	60.5	80.7	25 500*	62.7	81.3	26 400*													34.0
36.0	54.1	77.9	20 500*	58.0	79.5	23 500*	60.2	80.1	25 100*													36.0
38.0	51.3	76.4	18 900*	55.3	78.1	21 400*	57.6	78.9	23 100*	61.2	79.8	23 400										38.0
40.0	48.4	74.7	17 400*	52.5	76.7	19 600*	54.9	77.6	21 100*	58.6	78.6	21 900										40.0
42.0	45.3	72.8	16 100*	49.7	75.0	18 000*	52.1	76.1	19 300*	56.0	77.3	20 500										42.0
44.0	42.1	70.6	14 900*	46.7	73.2	16 600*	49.2	74.4	17 800*	53.2	75.9	19 300										44.0
46.0	38.7	68.2	13 800*	43.5	71.2	15 400*	46.2	72.5	16 400*	50.4	74.3	18 100	54.2	75.3	17 100							46.0
48.0	34.9	65.5	12 800*	40.2	68.9	14 300*	43.1	70.5	15 200*	47.4	72.5	17 000	51.4	73.8	16 100							48.0
50.0	30.8	62.4	12 000*	36.6	66.3	13 200*	39.7	68.2	14 100*	44.3	70.5	15 700*	48.5	72.1	15 200							50.0
52.0	26.1	58.6	11 200*	32.7	63.4	12 300*	36.1	65.6	13 100*	41.1	68.3	14 500*	45.5	70.2	14 400	49.4	71.3	13 500				52.0
54.0	20.4	53.9	10 300*	28.3	59.9	11 500*	32.1	62.6	12 200*	37.5	65.8	13 500*	42.2	68.1	13 600	46.4	69.5	12 800				54.0
56.0	12.3	46.9	9 300*	23.1	55.7	10 800*	27.5	59.0	11 400*	33.7	63.0	12 600*	38.8	65.7	12 900	43.2	67.5	12 100				56.0
58.0				16.4	50.0	9 900*	22.2	54.6	10 700*	29.4	59.7	11 800*	35.1	63.0	12 300	39.9	65.2	11 500	44.0	66.5	10 700	58.0
60.0							15.1	48.5	9 800*	24.4	55.7	10 900*	31.0	59.9	11 600	36.2	62.6	10 900	40.7	64.2	10 200	60.0
62.0										18.2	50.4	10 200*	26.3	56.1	11 100	32.3	59.6	10 300	37.2	61.7	9 600	62.0
64.0										8.3	41.6	9 400*	20.6	51.4	10 500*	27.8	56.1	9 800	33.3	58.8	9 200	64.0
66.0													12.7	44.6	9 700*	22.5	51.7	9 300	28.9	55.5	8 700	66.0
68.0																15.6	45.8	8 900	23.9	51.4	8 300	68.0
70.0																			17.5	45.9	7 900	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.1	89.1	32 000*																			19.8
20.0	74.9	89.0	31 900*																			20.0
22.0	72.7	88.4	30 600*																			22.0
24.0	70.5	87.8	29 400*																			24.0
26.0	68.2	87.0	28 400*																			26.0
28.0	66.0	86.1	27 300*	69.2	86.9	28 100*																28.0
30.0	63.7	85.2	25 900*	67.0	86.1	27 000*																30.0
32.0	61.3	84.1	24 400*	64.7	85.2	26 100*																32.0
34.0	58.9	82.9	22 200*	62.3	84.2	24 800*	64.3	84.7	25 600*													34.0
36.0	56.4	81.6	20 300*	59.9	83.0	23 300*	62.0	83.6	24 400*													36.0
38.0	53.8	80.2	18 600*	57.5	81.8	21 100*	59.6	82.5	22 900*													38.0
40.0	51.2	78.7	17 100*	55.0	80.5	19 300*	57.1	81.2	20 900*	60.5	82.2	21 700										40.0
42.0	48.4	77.0	15 800*	52.3	79.0	17 800*	54.6	79.9	19 100*	58.1	80.9	20 300										42.0
44.0	45.5	75.1	14 600*	49.6	77.3	16 400*	52.0	78.4	17 600*	55.6	79.6	19 000										44.0
46.0	42.5	73.0	13 600*	46.8	75.5	15 100*	49.2	76.7	16 200*	53.0	78.2	17 900	56.5	79.1	16 900							46.0
48.0	39.3	70.6	12 600*	43.9	73.5	14 000*	46.4	74.8	15 000*	50.3	76.6	16 800*	53.9	77.6	15 900							48.0
50.0	35.8	68.0	11 700*	40.7	71.3	13 000*	43.4	72.8	13 900*	47.5	74.8	15 500*	51.3	76.1	15 000							50.0
52.0	32.1	65.0	10 900*	37.4	68.8	12 100*	40.3	70.5	12 900*	44.6	72.8	14 300*	48.5	74.4	14 200	52.1	75.3	13 300				52.0
54.0	27.8	61.4	10 200*	33.8	65.9	11 300*	36.9	68.0	12 000*	41.5	70.7	13 300*	45.7	72.5	13 400	49.4	73.6	12 500				54.0
56.0	22.9	57.1	9 500*	29.8	62.6	10 500*	33.2	65.1	11 200*	38.2	68.2	12 300*	42.6	70.4	12 700	46.5	71.8	11 900				56.0
58.0	16.6	51.4	8 800*	25.2	58.7	9 800*	29.1	61.7	10 400*	34.7	65.5	11 500*	39.4	68.1	12 000	43.6	69.8	11 200	47.2	70.8	10 500	58.0
60.0				19.6	53.8	9 100*	24.4	57.7	9 700*	30.8	62.3	10 700*	36.0	65.4	11 400	40.4	67.5	10 700	44.3	68.8	9 900	60.0
62.0				11.6	46.4	8 400*	18.6	52.5	9 100*	26.4	58.6	10 000*	32.2	62.4	10 800	37.1	65.0	10 100	41.2	66.6	9 400	62.0
64.0							9.8	44.4	8 300*	21.1	53.9	9 300*	28.0	58.9	10 200*	33.4	62.1	9 600	37.9	64.1	8 900	64.0
66.0										14.0	47.5	8 600*	23.1	54.7	9 600*	29.3	58.8	9 100	34.3	61.3	8 500	66.0
68.0													16.8	49.0	8 900*	24.7	54.8	8 700	30.4	58.1	8 100	68.0
70.0													5.8	38.6	8 200*	18.9	49.7	8 200	25.9	54.3	7 600	70.0
72.0																			20.5	49.6	7 200	72.0
74.0																			13.0	42.7	6 900	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.9	92.2	30 400*																			19.8
20.0	75.7	92.2	30 300*																			20.0
22.0	73.6	91.6	29 100*																			22.0
24.0	71.5	91.0	28 300*																			24.0
26.0	69.4	90.3	27 500*																			26.0
28.0	67.3	89.5	26 500*	70.4	90.2	26 000*																28.0
30.0	65.1	88.6	25 200*	68.2	89.4	25 200*																30.0
32.0	62.9	87.6	24 000*	66.1	88.5	24 600*																32.0
34.0	60.7	86.5	22 000*	63.9	87.6	23 900*	65.8	88.0	24 900*													34.0
36.0	58.4	85.3	20 100*	61.7	86.6	22 900*	63.6	87.1	23 800*													36.0
38.0	56.0	84.0	18 400*	59.4	85.4	20 900*	61.3	86.0	22 600*													38.0
40.0	53.6	82.5	16 900*	57.1	84.1	19 100*	59.0	84.9	20 600*	62.2	85.6	21 500										40.0
42.0	51.1	81.0	15 600*	54.7	82.8	17 500*	56.7	83.6	18 900*	60.0	84.5	20 100										42.0
44.0	48.5	79.3	14 400*	52.2	81.3	16 100*	54.3	82.2	17 300*	57.6	83.3	18 800										44.0
46.0	45.7	77.4	13 300*	49.6	79.6	14 900*	51.8	80.7	16 000*	55.2	81.9	17 700										46.0
48.0	42.9	75.3	12 400*	46.9	77.8	13 800*	49.2	79.0	14 800*	52.8	80.5	16 500*	56.1	81.4	15 700							48.0
50.0	39.9	73.0	11 500*	44.2	75.8	12 800*	46.5	77.2	13 700*	50.2	78.9	15 200*	53.7	80.0	14 800							50.0
52.0	36.6	70.4	10 700*	41.2	73.6	11 900*	43.7	75.1	12 700*	47.6	77.1	14 100*	51.2	78.4	13 900							52.0
54.0	33.1	67.5	10 000*	38.1	71.2	11 100*	40.8	72.9	11 800*	44.9	75.1	13 000*	48.6	76.7	13 200	51.9	77.6	12 300				54.0
56.0	29.3	64.2	9 300*	34.7	68.4	10 300*	37.6	70.4	10 900*	41.9	73.0	12 100*	45.8	74.8	12 500	49.4	75.9	11 600				56.0
58.0	24.9	60.2	8 700*	31.0	65.3	9 600*	34.2	67.6	10 200*	38.9	70.6	11 300*	43.0	72.7	11 900	46.7	74.1	11 000				58.0
60.0	19.6	55.2	8 000*	26.9	61.6	8 900*	30.5	64.4	9 500*	35.6	67.9	10 500*	40.0	70.4	11 200	43.9	72.1	10 500				60.0
62.0	12.1	48.0	7 200*	22.0	57.1	8 300*	26.2	60.6	8 900*	32.0	64.9	9 800*	36.8	67.9	10 600	40.9	69.9	9 900	44.6	71.1	9 200	62.0
64.0				15.8	51.2	7 700*	21.2	56.0	8 300*	28.0	61.4	9 100*	33.3	65.0	10 000*	37.8	67.4	9 400	41.6	68.9	8 700	64.0
66.0							14.7	49.7	7 600*	23.3	57.2	8 500*	29.4	61.7	9 400*	34.4	64.6	9 000	38.5	66.5	8 300	66.0
68.0										17.6	51.7	7 900*	25.1	57.7	8 700*	30.7	61.4	8 500	35.2	63.8	7 900	68.0
70.0										8.5	42.7	7 200*	19.8	52.8	8 100*	26.5	57.7	8 000	31.6	60.7	7 500	70.0
72.0													12.5	45.7	7 500*	21.5	53.1	7 700	27.5	57.2	7 000	72.0
74.0																15.1	46.9	7 300	22.8	52.8	6 700	74.0
76.0																			16.9	47.2	6 300	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

32.0m (105 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.2	95.0	27 200*																			21.3
22.0	74.5	94.8	27 000*																			22.0
24.0	72.5	94.2	26 400*																			24.0
26.0	70.5	93.5	25 800*																			26.0
28.0	68.5	92.8	25 200*																			28.0
30.0	66.5	91.9	24 200*	69.4	92.7	24 000*																30.0
32.0	64.4	91.0	22 700*	67.4	91.9	23 500*																32.0
34.0	62.3	90.0	21 200*	65.3	91.0	23 000*	67.1	91.4	24 100*													34.0
36.0	60.1	88.8	19 800*	63.2	90.0	22 100*	65.0	90.5	23 000*													36.0
38.0	57.9	87.6	18 100*	61.1	88.9	20 600*	62.9	89.5	21 800*													38.0
40.0	55.7	86.3	16 600*	58.9	87.8	18 900*	60.8	88.4	20 400*													40.0
42.0	53.4	84.9	15 300*	56.7	86.5	17 300*	58.6	87.2	18 600*	61.6	88.0	19 800										42.0
44.0	51.0	83.3	14 200*	54.4	85.1	15 900*	56.3	85.9	17 100*	59.4	86.9	18 600										44.0
46.0	48.5	81.6	13 100*	52.0	83.6	14 700*	54.0	84.5	15 700*	57.2	85.6	17 500										46.0
48.0	45.9	79.7	12 100*	49.6	81.9	13 600*	51.7	83.0	14 500*	54.9	84.3	16 300*										48.0
50.0	43.2	77.6	11 300*	47.0	80.1	12 600*	49.2	81.3	13 400*	52.6	82.8	15 000*	55.8	83.7	14 500							50.0
52.0	40.4	75.4	10 400*	44.4	78.1	11 600*	46.7	79.5	12 400*	50.2	81.2	13 800*	53.4	82.3	13 700							52.0
54.0	37.3	72.8	9 700*	41.6	76.0	10 800*	44.0	77.5	11 500*	47.7	79.4	12 800*	51.1	80.7	13 000							54.0
56.0	34.1	70.0	9 100*	38.7	73.6	10 100*	41.2	75.3	10 700*	45.1	77.5	11 900*	48.6	79.0	12 200							56.0
58.0	30.5	66.8	8 500*	35.5	70.9	9 400*	38.2	72.8	9 900*	42.3	75.3	11 000*	46.0	77.1	11 600	49.3	78.2	10 800				58.0
60.0	26.6	63.1	7 900*	32.1	67.9	8 700*	35.1	70.1	9 200*	39.4	73.0	10 300*	43.3	75.1	11 000	46.8	76.4	10 200				60.0
62.0	21.9	58.6	7 300*	28.4	64.4	8 100*	31.6	67.0	8 600*	36.3	70.4	9 500*	40.5	72.8	10 400	44.1	74.4	9 700				62.0
64.0	16.0	52.6	6 700*	24.1	60.2	7 600*	27.8	63.4	8 000*	33.0	67.5	8 900*	37.5	70.3	9 800*	41.4	72.2	9 200	44.8	73.4	8 500	64.0
66.0				18.8	55.1	7 000*	23.4	59.2	7 500*	29.3	64.1	8 300*	34.2	67.5	9 100*	38.4	69.8	8 700	42.0	71.3	8 100	66.0
68.0				11.4	47.5	6 400*	17.9	53.8	6 900*	25.2	60.2	7 700*	30.7	64.3	8 500*	35.2	67.1	8 300	39.1	68.9	7 600	68.0
70.0							9.9	45.5	6 300*	20.2	55.3	7 200*	26.7	60.6	7 900*	31.8	64.0	7 900	36.0	66.3	7 200	70.0
72.0										13.6	48.6	6 600*	22.1	56.1	7 400*	28.0	60.5	7 400	32.7	63.3	6 800	72.0
74.0													16.3	50.2	6 800*	23.6	56.3	7 000	28.9	59.9	6 500	74.0
76.0													6.4	39.9	6 200*	18.2	51.0	6 700	24.7	55.9	6 100	76.0
78.0																			19.7	50.9	5 800	78.0
80.0																			12.8	43.8	5 500	80.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	63.7	58.2	56 300*b																			15.2
16.0	61.3	57.7	54 600*b																			16.0
18.0	54.9	56.4	50 500*b																			18.0
20.0	47.9	54.8	46 900*	58.6	56.8	52 000*b	64.3	57.5	55 700*b													20.0
22.0	40.0	52.6	42 800*	52.0	55.3	48 200*b	58.1	56.3	51 300*b													22.0
24.0	30.4	49.7	37 400*	44.6	53.5	45 000*	51.5	54.8	46 600													24.0
26.0				36.2	51.1	40 200*	44.1	53.0	42 100	55.0	54.8	40 200b										26.0
28.0				25.3	47.6	35 500*	35.5	50.5	38 400	48.1	53.1	36 600										28.0
30.0							24.4	46.8	35 000*	40.2	51.0	33 600	51.5	52.9	32 000							30.0
32.0										44.1	51.0	29 500	44.1	51.0	29 500							32.0
34.0										30.7	48.1	31 000	35.6	48.5	27 400	47.4	50.4	26 100				34.0
36.0													24.5	44.9	25 400	39.4	48.3	24 200				36.0
38.0																29.7	45.2	22 600	42.4	47.5	21 500	38.0
40.0																			33.5	44.8	20 100	40.0
42.0																			21.4	40.8	18 800	42.0

35.1m (115 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	67.2	61.6	54 800*b																			15.2
16.0	65.2	61.2	53 200*b																			16.0
18.0	59.8	60.1	49 100*b																			18.0
20.0	54.2	58.8	45 700*	62.9	60.3	50 700*b																20.0
22.0	48.0	57.1	42 300*	57.4	59.1	47 000*b	62.5	59.8	50 100*b													22.0
24.0	41.2	55.0	37 600*	51.6	57.7	43 900*	57.0	58.6	46 200													24.0
26.0	33.3	52.3	33 300*	45.2	55.8	40 400*	51.2	57.1	41 900	60.0	58.4	39 900b										26.0
28.0	23.0	48.4	29 900*	38.0	53.5	35 600*	44.8	55.3	38 200	54.3	57.1	36 400										28.0
30.0				29.3	50.4	31 800*	37.5	52.9	35 000	48.2	55.4	33 400										30.0
32.0				16.8	45.5	28 600*	28.6	49.7	31 600*	41.4	53.4	30 800	51.2	55.2	29 300							32.0
34.0										33.5	50.7	28 500	44.8	53.3	27 100							34.0
36.0										23.3	46.8	26 500	37.5	50.9	25 200	47.6	52.8	24 000				36.0
38.0													28.7	47.7	23 500	40.7	50.6	22 300				38.0
40.0																32.7	47.8	20 900	43.3	49.8	19 800	40.0
42.0																22.1	43.8	19 600	35.8	47.3	18 600	42.0
44.0																			26.4	43.9	17 500	44.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	73.7	71.3	50 200*b																			15.2
16.0	72.3	71.0	48 800*b																			16.0
18.0	68.6	70.3	45 300*																			18.0
20.0	64.9	69.4	42 200*	70.7	70.3	46 600*b																20.0
22.0	61.0	68.4	39 500*	67.0	69.5	43 500*																22.0
24.0	57.0	67.1	37 100*	63.2	68.5	40 600*																24.0
26.0	52.8	65.7	34 300*	59.3	67.4	38 100*	63.0	68.1	40 200*													26.0
28.0	48.3	64.0	30 700*	55.2	66.1	35 800*	59.0	66.9	37 600*													28.0
30.0	43.5	62.0	27 700*	50.9	64.6	32 800*	54.9	65.6	34 500													30.0
32.0	38.2	59.6	25 200*	46.3	62.7	29 400*	50.6	64.0	31 800	57.1	65.5	30 200										32.0
34.0	32.2	56.7	23 100*	41.3	60.6	26 600*	46.0	62.2	29 200*	52.9	64.0	27 900										34.0
36.0	24.8	52.9	21 200*	35.7	58.0	24 200*	40.9	60.1	26 400*	48.4	62.3	26 000	54.9	63.6	24 600							36.0
38.0	14.2	47.1	19 200*	29.2	54.8	22 200*	35.3	57.4	24 100*	43.6	60.4	24 200	50.6	62.1	22 900							38.0
40.0				20.9	50.4	20 400*	28.7	54.2	22 100*	38.3	58.0	22 700	46.0	60.2	21 400							40.0
42.0							20.2	49.6	20 300*	32.3	55.1	21 200	40.9	58.1	20 100	48.0	59.7	19 000				42.0
44.0										25.0	51.4	20 000	35.3	55.5	18 900	43.1	57.6	17 800				44.0
46.0													28.7	52.2	17 800	37.8	55.2	16 800	44.9	56.8	15 800	46.0
48.0													20.3	47.7	16 800	31.7	52.3	15 800	39.8	54.5	14 900	48.0
50.0																24.2	48.4	15 000	34.0	51.8	14 100	50.0
52.0																			27.1	48.3	13 300	52.0
54.0																			18.0	43.4	12 600	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.1	74.5	48 700*																			15.2
16.0	73.8	74.2	47 300*																			16.0
18.0	70.5	73.6	44 000*																			18.0
20.0	67.1	72.8	41 100*																			20.0
22.0	63.6	71.8	38 500*	69.0	72.8	41 600*																22.0
24.0	60.1	70.7	36 200*	65.6	71.9	39 600*																24.0
26.0	56.3	69.5	34 000*	62.1	70.9	37 200*	65.4	71.5	39 100*													26.0
28.0	52.5	68.0	30 500*	58.5	69.8	35 000*	61.9	70.5	36 800*													28.0
30.0	48.4	66.3	27 500*	54.7	68.4	32 500*	58.2	69.3	34 300													30.0
32.0	44.0	64.3	25 000*	50.7	66.9	29 200*	54.4	67.9	31 600	60.2	69.1	29 900										32.0
34.0	39.2	62.0	22 900*	46.5	65.1	26 400*	50.4	66.3	29 100*	56.4	67.8	27 700										34.0
36.0	33.9	59.3	20 900*	42.0	63.0	24 100*	46.2	64.5	26 300*	52.6	66.3	25 700										36.0
38.0	27.6	55.8	19 300*	37.0	60.5	22 000*	41.6	62.4	23 900*	48.5	64.6	24 000	54.5	65.9	22 700							38.0
40.0	19.6	51.1	17 800*	31.3	57.5	20 200*	36.6	59.9	21 900*	44.1	62.7	22 400	50.5	64.4	21 200							40.0
42.0				24.5	53.6	18 700*	30.9	56.8	20 100*	39.3	60.4	21 000	46.2	62.5	19 900							42.0
44.0				14.8	47.8	17 300*	23.9	52.9	18 600*	34.0	57.6	19 800	41.7	60.4	18 700	48.1	62.0	17 600				44.0
46.0										27.8	54.2	18 600	36.6	57.9	17 600	43.7	60.0	16 500				46.0
48.0										19.8	49.5	17 600	30.9	54.8	16 600	38.8	57.6	15 600	45.3	59.1	14 600	48.0
50.0													24.0	50.9	15 700	33.5	54.8	14 700	40.6	56.9	13 800	50.0
52.0																27.1	51.3	13 900	35.5	54.3	13 100	52.0
54.0																18.9	46.5	13 200	29.5	51.1	12 400	54.0
56.0																			22.2	46.8	11 700	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	73.9	77.2	44 700*																			16.8
18.0	72.0	76.8	42 800*																			18.0
20.0	69.0	76.1	40 100*																			20.0
22.0	65.8	75.2	37 600*																			22.0
24.0	62.6	74.2	35 300*	67.6	75.3	38 600*																24.0
26.0	59.3	73.1	33 300*	64.4	74.4	36 300*	67.4	74.8	38 100*													26.0
28.0	55.8	71.8	30 600*	61.2	73.3	34 200*	64.2	73.9	35 900*													28.0
30.0	52.2	70.3	27 500*	57.8	72.1	32 200*	60.9	72.8	33 800*													30.0
32.0	48.4	68.6	24 900*	54.3	70.7	29 200*	57.5	71.6	31 400													32.0
34.0	44.4	66.7	22 800*	50.6	69.2	26 400*	54.0	70.2	29 000	59.3	71.4	27 600										34.0
36.0	40.0	64.4	20 900*	46.7	67.4	24 000*	50.3	68.6	26 200*	55.9	70.1	25 600										36.0
38.0	35.2	61.8	19 300*	42.6	65.3	22 000*	46.4	66.8	23 900*	52.3	68.6	23 900										38.0
40.0	29.8	58.5	17 800*	38.0	62.9	20 200*	42.3	64.7	21 900*	48.5	66.9	22 400	54.0	68.2	21 100							40.0
42.0	23.1	54.4	16 500*	33.0	60.0	18 600*	37.7	62.3	20 100*	44.5	65.0	21 000	50.4	66.7	19 800							42.0
44.0	13.7	48.2	15 100*	27.1	56.5	17 200*	32.6	59.4	18 500*	40.1	62.8	19 700	46.5	64.8	18 600							44.0
46.0				19.6	51.7	16 000*	26.6	55.8	17 100*	35.4	60.1	18 600	42.3	62.8	17 500	48.1	64.3	16 500				46.0
48.0							19.0	50.9	15 900*	29.9	56.9	17 500	37.7	60.3	16 500	44.1	62.3	15 500				48.0
50.0										23.3	52.8	16 500*	32.6	57.4	15 600	39.7	60.0	14 700				50.0
52.0													26.7	53.8	14 800	34.9	57.3	13 800	41.3	59.3	13 000	52.0
54.0													19.0	48.9	14 000	29.3	54.1	13 100	36.7	56.7	12 300	54.0
56.0																22.6	49.9	12 500	31.4	53.7	11 600	56.0
58.0																			25.2	49.9	11 000	58.0
60.0																			17.0	44.6	10 500	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.0	80.3	43 300*																			16.8
18.0	73.4	80.0	41 500*																			18.0
20.0	70.5	79.3	38 900*																			20.0
22.0	67.6	78.5	36 500*																			22.0
24.0	64.7	77.6	34 400*	69.3	78.6	37 500*																24.0
26.0	61.7	76.6	32 500*	66.4	77.7	35 300*																26.0
28.0	58.6	75.4	30 400*	63.4	76.8	33 300*	66.2	77.3	34 900*													28.0
30.0	55.3	74.1	27 300*	60.3	75.7	31 500*	63.2	76.3	32 900*													30.0
32.0	52.0	72.6	24 800*	57.2	74.4	28 900*	60.1	75.2	31 200*													32.0
34.0	48.5	70.9	22 600*	53.9	73.0	26 200*	57.0	74.0	28 800	61.7	74.9	27 300										34.0
36.0	44.7	69.0	20 700*	50.5	71.5	23 800*	53.7	72.5	26 000*	58.6	73.8	25 400										36.0
38.0	40.7	66.8	19 000*	46.9	69.7	21 800*	50.2	70.9	23 600*	55.4	72.4	23 700										38.0
40.0	36.4	64.2	17 600*	43.0	67.6	20 000*	46.6	69.1	21 600*	52.1	70.9	22 100	57.0	72.0	20 800							40.0
42.0	31.5	61.2	16 300*	38.9	65.3	18 400*	42.8	67.1	19 900*	48.5	69.2	20 700	53.7	70.5	19 500							42.0
44.0	25.8	57.4	15 100*	34.3	62.5	17 000*	38.6	64.7	18 300*	44.8	67.3	19 500	50.3	69.0	18 300							44.0
46.0	18.5	52.4	14 100*	29.2	59.2	15 800*	34.0	61.9	17 000*	40.8	65.1	18 300	46.6	67.1	17 300	51.7	68.3	16 200				46.0
48.0				22.9	55.0	14 700*	28.8	58.6	15 700*	36.5	62.6	17 300	42.8	65.1	16 300	48.2	66.6	15 300				48.0
50.0				14.3	48.9	13 700*	22.4	54.3	14 600*	31.6	59.6	16 300*	38.6	62.7	15 400	44.5	64.6	14 400				50.0
52.0										25.9	55.8	15 200*	34.0	59.9	14 600	40.4	62.4	13 600	45.8	63.7	12 700	52.0
54.0										18.7	50.8	14 100*	28.8	56.6	13 800	36.0	59.8	12 900	41.9	61.6	12 000	54.0
56.0													22.5	52.3	13 100	31.1	56.7	12 200	37.7	59.2	11 400	56.0
58.0																25.3	52.9	11 600	33.0	56.3	10 800	58.0
60.0																17.9	47.7	11 000	27.6	52.8	10 300	60.0
62.0																			20.9	48.2	9 700	62.0
64.0																			10.6	40.9	9 200	64.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.1	83.1	39 600*																			18.3
20.0	71.9	82.6	37 500*																			20.0
22.0	69.2	81.8	35 300*																			22.0
24.0	66.5	81.0	33 300*																			24.0
26.0	63.7	80.0	31 500*	68.0	81.0	34 200*																26.0
28.0	60.9	79.0	29 800*	65.3	80.2	32 300*																28.0
30.0	58.0	77.8	27 800*	62.5	79.2	30 500*	65.1	79.7	31 900*													30.0
32.0	54.9	76.4	25 200*	59.6	78.0	29 000*	62.3	78.7	30 200*													32.0
34.0	51.8	74.9	22 900*	56.7	76.8	26 700*	59.4	77.6	28 600*													34.0
36.0	48.5	73.2	21 000*	53.6	75.3	24 200*	56.5	76.3	26 500*	60.9	77.3	25 200										36.0
38.0	45.0	71.3	19 300*	50.4	73.8	22 100*	53.4	74.9	24 100*	58.0	76.1	23 400										38.0
40.0	41.3	69.1	17 800*	47.0	72.0	20 300*	50.2	73.2	21 900*	55.0	74.8	21 900										40.0
42.0	37.3	66.6	16 500*	43.5	70.0	18 600*	46.8	71.4	20 200*	51.9	73.2	20 500	56.5	74.3	19 300							42.0
44.0	32.9	63.7	15 300*	39.6	67.7	17 200*	43.2	69.4	18 600*	48.6	71.5	19 300	53.4	72.9	18 100							44.0
46.0	27.9	60.3	14 200*	35.5	65.0	16 000*	39.4	67.1	17 100*	45.1	69.6	18 200	50.2	71.3	17 000							46.0
48.0	21.8	55.8	13 300*	30.8	61.9	14 800*	35.2	64.4	15 900*	41.4	67.5	17 100	46.8	69.5	16 100	51.6	70.6	15 000				48.0
50.0	13.2	49.3	11 700*	25.4	58.1	13 800*	30.5	61.3	14 800*	37.4	65.0	16 200	43.2	67.4	15 200	48.3	68.9	14 200				50.0
52.0				18.6	53.0	12 900*	25.0	57.4	13 700*	33.0	62.1	15 300	39.4	65.1	14 300	44.8	66.9	13 400				52.0
54.0							18.0	52.2	12 800*	28.0	58.7	14 300*	35.2	62.4	13 600	41.1	64.7	12 700	46.1	66.0	11 800	54.0
56.0										22.0	54.3	13 300*	30.5	59.3	12 900	37.0	62.2	12 000	42.4	63.9	11 200	56.0
58.0													25.1	55.4	12 200	32.6	59.3	11 400	38.5	61.6	10 600	58.0
60.0													18.1	50.2	11 600	27.5	55.8	10 800	34.2	58.8	10 000	60.0
62.0																21.3	51.3	10 300	29.4	55.5	9 500	62.0
64.0																12.4	44.5	9 700	23.7	51.4	9 100	64.0
66.0																			16.2	45.8	8 600	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.1	86.3	37 500*																			18.3
20.0	73.0	85.8	35 800*																			20.0
22.0	70.6	85.1	34 300*																			22.0
24.0	68.0	84.3	32 400*																			24.0
26.0	65.5	83.4	30 600*	69.5	84.3	33 100*																26.0
28.0	62.9	82.4	29 000*	67.0	83.5	31 400*																28.0
30.0	60.2	81.3	27 400*	64.4	82.6	29 700*																30.0
32.0	57.4	80.1	24 900*	61.7	81.5	28 200*	64.2	82.1	29 300*													32.0
34.0	54.6	78.7	22 700*	59.0	80.4	26 500*	61.5	81.1	27 900*													34.0
36.0	51.6	77.2	20 800*	56.2	79.1	24 000*	58.8	79.9	26 200*													36.0
38.0	48.5	75.5	19 100*	53.3	77.7	21 900*	56.0	78.6	23 800*	60.2	79.7	23 200										38.0
40.0	45.3	73.6	17 600*	50.3	76.1	20 000*	53.1	77.2	21 700*	57.5	78.4	21 700										40.0
42.0	41.8	71.5	16 200*	47.1	74.3	18 400*	50.1	75.5	19 900*	54.6	77.1	20 300										42.0
44.0	38.1	69.0	15 100*	43.8	72.3	17 000*	46.9	73.7	18 300*	51.7	75.5	19 100	56.0	76.6	17 800							44.0
46.0	34.1	66.3	14 000*	40.3	70.0	15 700*	43.6	71.7	16 900*	48.6	73.8	17 900	53.1	75.2	16 800							46.0
48.0	29.6	63.0	13 000*	36.5	67.5	14 600*	40.0	69.5	15 600*	45.4	72.0	16 900	50.1	73.6	15 800							48.0
50.0	24.3	59.0	12 100*	32.2	64.5	13 600*	36.2	66.9	14 500*	41.9	69.8	16 000	46.9	71.8	14 900							50.0
52.0	17.6	53.6	11 300*	27.5	60.9	12 700*	31.9	63.9	13 500*	38.2	67.4	15 100	43.6	69.7	14 100	48.3	71.2	13 200				52.0
54.0				21.7	56.5	11 800*	27.1	60.3	12 600*	34.2	64.6	14 000*	40.0	67.5	13 400	45.0	69.2	12 400				54.0
56.0				13.8	50.0	10 900*	21.3	55.7	11 700*	29.7	61.4	13 100*	36.2	64.9	12 700	41.6	67.1	11 800				56.0
58.0										24.5	57.4	12 200*	32.0	61.9	12 000	37.9	64.6	11 200	42.9	66.3	10 400	58.0
60.0										17.8	52.1	11 400*	27.1	58.3	11 400	33.8	61.8	10 600	39.3	63.9	9 800	60.0
62.0													21.3	53.7	10 800	29.3	58.5	10 100	35.3	61.3	9 300	62.0
64.0													13.1	47.1	10 300	23.9	54.4	9 500	31.0	58.1	8 800	64.0
66.0																17.1	49.0	9 000	26.0	54.4	8 400	66.0
68.0																			19.8	49.5	7 900	68.0
70.0																			10.6	41.9	7 500	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	76.0	89.4	35 100*																			18.3
20.0	74.1	88.9	33 800*																			20.0
22.0	71.8	88.3	32 300*																			22.0
24.0	69.4	87.6	31 200*																			24.0
26.0	67.0	86.8	29 800*	70.7	87.6	31 500*																26.0
28.0	64.6	85.9	28 300*	68.4	86.8	30 100*																28.0
30.0	62.1	84.8	26 900*	66.0	86.0	29 000*																30.0
32.0	59.6	83.7	24 800*	63.5	85.0	27 500*	65.8	85.5	28 600*													32.0
34.0	56.9	82.4	22 600*	61.0	83.9	26 100*	63.3	84.5	27 200*													34.0
36.0	54.2	81.0	20 600*	58.4	82.7	23 900*	60.8	83.4	25 800*													36.0
38.0	51.5	79.5	18 900*	55.8	81.4	21 700*	58.3	82.3	23 700*													38.0
40.0	48.6	77.8	17 400*	53.1	80.0	19 900*	55.6	80.9	21 600*	59.6	82.0	21 500										40.0
42.0	45.5	75.9	16 100*	50.2	78.4	18 300*	52.9	79.5	19 800*	57.0	80.8	20 200										42.0
44.0	42.3	73.8	14 900*	47.3	76.6	16 900*	50.0	77.8	18 200*	54.3	79.4	18 900										44.0
46.0	38.9	71.4	13 900*	44.1	74.6	15 600*	47.0	76.1	16 800*	51.5	77.8	17 800	55.6	78.9	16 700							46.0
48.0	35.1	68.7	12 900*	40.8	72.4	14 500*	43.9	74.1	15 500*	48.6	76.1	16 800	52.9	77.5	15 700							48.0
50.0	31.0	65.6	12 000*	37.3	69.9	13 400*	40.6	71.8	14 400*	45.6	74.3	15 900	50.0	75.9	14 800							50.0
52.0	26.4	61.9	11 200*	33.4	67.0	12 500*	37.0	69.3	13 400*	42.4	72.2	15 000	47.1	74.1	14 000	51.3	75.2	13 000				52.0
54.0	20.7	57.2	10 500*	29.1	63.7	11 700*	33.2	66.4	12 400*	38.9	69.8	13 900*	43.9	72.1	13 300	48.3	73.5	12 300				54.0
56.0	12.9	50.4	9 300*	24.1	59.6	10 900*	28.8	63.0	11 600*	35.2	67.1	12 900*	40.6	69.8	12 500	45.3	71.6	11 700				56.0
58.0				17.8	54.3	10 200*	23.7	58.9	10 800*	31.2	64.0	12 100*	37.1	67.3	11 900	42.1	69.4	11 000	46.4	70.6	10 200	58.0
60.0							17.3	53.4	10 100*	26.5	60.3	11 200*	33.2	64.4	11 300	38.6	67.0	10 500	43.2	68.6	9 700	60.0
62.0										20.9	55.6	10 500*	28.8	61.0	10 700	34.9	64.3	9 900	39.9	66.3	9 200	62.0
64.0										13.2	48.9	9 800*	23.8	56.9	10 200	30.7	61.2	9 400	36.3	63.7	8 700	64.0
66.0													17.3	51.4	9 700	26.0	57.4	9 000	32.3	60.7	8 300	66.0
68.0																20.3	52.6	8 500	27.8	57.2	7 800	68.0
70.0																12.2	45.6	8 100	22.5	52.9	7 500	70.0
72.0																			15.6	46.9	7 000	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.2	92.2	32 100*																			19.8
20.0	75.0	92.1	32 000*																			20.0
22.0	72.8	91.5	30 700*																			22.0
24.0	70.6	90.8	29 600*																			24.0
26.0	68.4	90.1	28 600*																			26.0
28.0	66.1	89.2	27 500*	69.6	90.1	28 600*																28.0
30.0	63.8	88.3	26 100*	67.4	89.3	27 600*																30.0
32.0	61.4	87.2	24 600*	65.1	88.4	26 700*																32.0
34.0	59.0	86.0	22 300*	62.8	87.4	25 400*	64.9	87.9	26 300*													34.0
36.0	56.5	84.8	20 400*	60.4	86.3	23 700*	62.6	86.9	25 100*													36.0
38.0	54.0	83.4	18 700*	57.9	85.1	21 500*	60.2	85.8	23 400*													38.0
40.0	51.3	81.8	17 200*	55.4	83.7	19 600*	57.8	84.6	21 400*	61.5	85.5	21 300										40.0
42.0	48.6	80.1	15 900*	52.8	82.3	18 000*	55.3	83.3	19 500*	59.1	84.4	19 900										42.0
44.0	45.7	78.2	14 700*	50.2	80.7	16 600*	52.7	81.8	17 900*	56.6	83.1	18 700										44.0
46.0	42.7	76.1	13 600*	47.4	78.9	15 300*	50.0	80.1	16 500*	54.0	81.7	17 600										46.0
48.0	39.5	73.8	12 700*	44.4	76.9	14 200*	47.2	78.4	15 300*	51.4	80.1	16 600	55.3	81.3	15 500							48.0
50.0	36.0	71.2	11 800*	41.3	74.7	13 200*	44.2	76.4	14 200*	48.6	78.4	15 600	52.7	79.8	14 600							50.0
52.0	32.3	68.2	10 900*	38.0	72.3	12 300*	41.1	74.2	13 100*	45.8	76.6	14 700*	50.0	78.2	13 800							52.0
54.0	28.1	64.7	10 200*	34.5	69.5	11 400*	37.8	71.7	12 200*	42.8	74.5	13 700*	47.2	76.4	13 000	51.1	77.5	12 100				54.0
56.0	23.2	60.4	9 600*	30.5	66.3	10 600*	34.2	68.9	11 400*	39.6	72.2	12 700*	44.2	74.4	12 300	48.4	75.8	11 400				56.0
58.0	17.0	54.8	8 900*	26.1	62.5	9 900*	30.2	65.7	10 600*	36.1	69.6	11 800*	41.1	72.2	11 700	45.5	73.9	10 800				58.0
60.0				20.7	57.8	9 300*	25.7	61.9	9 900*	32.4	66.6	11 000*	37.8	69.7	11 100	42.5	71.8	10 200	46.6	72.9	9 400	60.0
62.0				13.4	51.1	8 600*	20.3	57.1	9 200*	28.2	63.1	10 300*	34.2	66.9	10 500	39.3	69.4	9 700	43.6	70.9	9 000	62.0
64.0							12.8	50.1	8 600*	23.3	58.9	9 600*	30.3	63.7	10 000	35.8	66.8	9 200	40.4	68.7	8 500	64.0
66.0										17.1	53.3	9 000*	25.8	59.9	9 500	32.0	63.8	8 700	37.1	66.1	8 000	66.0
68.0													20.3	55.1	9 000	27.8	60.2	8 300	33.4	63.3	7 600	68.0
70.0													12.8	48.2	8 600	22.8	55.9	7 900	29.4	59.9	7 200	70.0
72.0																16.4	50.2	7 500	24.7	55.9	6 900	72.0
74.0																			19.0	50.8	6 500	74.0
76.0																			10.5	43.0	6 200	76.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	76.0	95.3	30 600*																			19.8
20.0	75.8	95.3	30 400*																			20.0
22.0	73.7	94.7	29 200*																			22.0
24.0	71.7	94.1	28 400*																			24.0
26.0	69.6	93.4	27 600*																			26.0
28.0	67.4	92.5	26 700*																			28.0
30.0	65.3	91.7	25 400*	68.6	92.6	25 800*																30.0
32.0	63.1	90.7	24 200*	66.5	91.7	25 000*																32.0
34.0	60.8	89.6	22 100*	64.3	90.8	24 200*	66.3	91.3	25 500*													34.0
36.0	58.5	88.4	20 200*	62.1	89.8	23 400*	64.2	90.3	24 400*													36.0
38.0	56.1	87.1	18 500*	59.8	88.7	21 200*	61.9	89.3	23 200*													38.0
40.0	53.7	85.7	17 000*	57.5	87.4	19 400*	59.7	88.2	21 100*													40.0
42.0	51.2	84.1	15 600*	55.1	86.1	17 800*	57.3	86.9	19 300*	60.9	87.9	19 700										42.0
44.0	48.6	82.4	14 400*	52.6	84.6	16 400*	54.9	85.6	17 700*	58.6	86.7	18 500										44.0
46.0	45.9	80.5	13 400*	50.1	83.0	15 100*	52.5	84.1	16 300*	56.2	85.4	17 400										46.0
48.0	43.0	78.5	12 400*	47.4	81.2	14 000*	49.9	82.4	15 000*	53.8	84.0	16 400										48.0
50.0	40.0	76.2	11 500*	44.7	79.2	13 000*	47.3	80.7	13 900*	51.3	82.5	15 500	54.9	83.6	14 400							50.0
52.0	36.8	73.6	10 800*	41.8	77.1	12 000*	44.5	78.7	12 900*	48.7	80.7	14 500*	52.5	82.1	13 600							52.0
54.0	33.3	70.7	10 000*	38.7	74.7	11 200*	41.6	76.5	12 000*	46.0	78.9	13 400*	49.9	80.5	12 800							54.0
56.0	29.5	67.4	9 300*	35.4	72.0	10 400*	38.5	74.1	11 200*	43.1	76.8	12 500*	47.3	78.7	12 100							56.0
58.0	25.1	63.5	8 700*	31.7	68.9	9 700*	35.1	71.4	10 400*	40.1	74.5	11 600*	44.5	76.7	11 500	51.0	79.8	11 200				58.0
60.0	19.9	58.5	8 100*	27.7	65.4	9 100*	31.5	68.3	9 700*	36.9	72.0	10 800*	41.6	74.5	10 900	48.4	78.1	10 600				60.0
62.0	12.6	51.5	7 200*	23.0	61.1	8 400*	27.4	64.7	9 000*	33.4	69.1	10 100*	38.5	72.1	10 300	45.7	76.2	10 000				62.0
64.0				17.1	55.5	7 900*	22.7	60.3	8 400*	29.6	65.8	9 400*	35.1	69.4	9 800	42.8	74.1	9 500				64.0
66.0							16.7	54.6	7 800*	25.3	61.9	8 700*	31.5	66.3	9 300	39.8	71.8	9 000	43.9	73.2	8 300	66.0
68.0										20.0	57.0	8 200*	27.4	62.7	8 900	36.6	69.2	8 600	40.9	71.0	7 800	68.0
70.0										12.9	50.0	7 600*	22.7	58.4	8 400	29.2	62.9	7 700	34.4	65.8	7 000	70.0
72.0													16.7	52.7	7 900*	24.8	59.0	7 300	30.7	62.6	6 600	72.0
74.0																19.5	53.9	7 000	26.5	58.8	6 300	74.0
76.0																12.0	46.6	6 600	21.5	54.3	6 000	76.0
78.0																			15.1	48.1	5 700	78.0

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LIFTCRANE LUFFING JIB CAPACITIES

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WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

35.1m (115 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.3	98.1	26 800*																			21.3
22.0	74.6	97.9	26 700*																			22.0
24.0	72.6	97.3	26 500*																			24.0
26.0	70.6	96.6	24 900*																			26.0
28.0	68.6	95.8	24 500*																			28.0
30.0	66.6	95.0	23 500*	69.8	95.8	23 900*																30.0
32.0	64.5	94.1	22 000*	67.7	95.1	23 300*																32.0
34.0	62.4	93.1	20 600*	65.7	94.2	22 600*																34.0
36.0	60.2	92.0	19 300*	63.6	93.2	21 600*	65.5	93.7	22 700*													36.0
38.0	58.0	90.7	18 000*	61.5	92.2	20 200*	63.5	92.8	21 400*													38.0
40.0	55.8	89.4	16 800*	59.3	91.0	18 900*	61.3	91.7	20 100*													40.0
42.0	53.5	88.0	15 600*	57.1	89.7	17 700*	59.2	90.5	18 900*													42.0
44.0	51.1	86.4	14 400*	54.8	88.4	16 400*	56.9	89.3	17 700*	60.3	90.3	18 300										44.0
46.0	48.6	84.7	13 300*	52.5	86.9	15 100*	54.6	87.9	16 300*	58.1	89.1	17 200										46.0
48.0	46.0	82.8	12 300*	50.0	85.3	13 900*	52.3	86.4	15 000*	55.9	87.8	16 100										48.0
50.0	43.4	80.8	11 400*	47.5	83.5	12 900*	49.9	84.7	13 800*	53.5	86.3	15 200										50.0
52.0	40.5	78.5	10 600*	44.9	81.5	11 900*	47.3	83.0	12 800*	51.2	84.8	14 300	54.7	85.9	13 300							52.0
54.0	37.5	76.0	9 800*	42.2	79.4	11 100*	44.7	81.0	11 900*	48.7	83.0	13 400*	52.3	84.4	12 600							54.0
56.0	34.3	73.2	9 200*	39.3	77.1	10 300*	42.0	78.9	11 000*	46.1	81.2	12 300*	49.9	82.8	11 900							56.0
58.0	30.7	70.0	8 500*	36.2	74.4	9 500*	39.0	76.5	10 200*	43.4	79.1	11 400*	47.4	81.0	11 300	50.9	82.1	10 400				58.0
60.0	26.8	66.3	7 900*	32.8	71.5	8 900*	35.9	73.8	9 500*	40.6	76.9	10 700*	44.7	79.0	10 700	48.4	80.4	9 800				60.0
62.0	22.2	61.9	7 400*	29.1	68.1	8 300*	32.6	70.9	8 900*	37.6	74.4	9 900*	42.0	76.9	10 100	45.9	78.5	9 300				62.0
64.0	16.4	56.0	6 900*	24.9	64.1	7 700*	28.8	67.4	8 300*	34.4	71.6	9 200*	39.1	74.5	9 600	43.2	76.4	8 800				64.0
66.0				19.9	59.2	7 200*	24.6	63.4	7 700*	30.8	68.4	8 600*	35.9	71.9	9 100	40.3	74.2	8 300	44.2	75.6	7 600	66.0
68.0				13.1	52.3	6 600*	19.5	58.4	7 100*	26.9	64.7	8 000*	32.6	68.9	8 600	37.3	71.6	7 900	41.4	73.4	7 200	68.0
70.0							12.5	51.2	6 600*	22.3	60.3	7 400*	28.8	65.5	8 200	34.0	68.8	7 500	38.4	70.9	6 800	70.0
72.0										16.6	54.5	6 900*	24.6	61.4	7 700*	30.5	65.6	7 100	35.2	68.2	6 400	72.0
74.0													19.5	56.4	7 200*	26.5	61.9	6 700	31.8	65.2	6 100	74.0
76.0													12.6	49.3	6 700*	21.8	57.3	6 400	28.0	61.6	5 700	76.0
78.0																15.9	51.3	6 000	23.6	57.4	5 400	78.0
80.0																			18.3	52.1	5 100	80.0
82.0																			10.5	44.1	4 800	82.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	64.1	61.3	56 000*b																			15.2
16.0	61.6	60.9	54 300*b																			16.0
18.0	55.2	59.6	50 200*b																			18.0
20.0	48.3	57.9	46 600*	59.8	60.0	52 300*b	65.9	60.7	56 200*b													20.0
22.0	40.5	55.8	43 000*	53.2	58.7	48 500*b	59.8	59.6	51 500*b													22.0
24.0	31.0	52.9	37 600*	46.1	56.9	45 200*	53.3	58.3	46 100													24.0
26.0				37.9	54.6	41 200*	46.2	56.5	41 700	57.6	58.3	39 600b										26.0
28.0				27.6	51.4	36 300*	38.0	54.2	38 100	50.9	56.8	36 100										28.0
30.0							27.8	51.0	34 900	43.5	54.9	33 100										30.0
32.0							10.3	44.8	32 100	34.7	52.3	30 600	48.1	54.9	28 900							32.0
34.0										23.3	48.5	28 300	40.2	52.7	26 800							34.0
36.0													30.7	49.8	24 900	44.7	52.5	23 600				36.0
38.0													16.8	45.0	23 200	36.2	50.1	22 000				38.0
40.0																25.4	46.6	20 600				40.0
42.0																			40.5	49.6	19 400	42.0
44.0																			31.0	46.7	18 200	44.0
																			17.3	42.0	17 100	44.0

38.1m (125 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	67.5	64.6	54 500*b																			15.2
16.0	65.5	64.3	52 800*b																			16.0
18.0	60.1	63.2	48 800*b																			18.0
20.0	54.5	61.9	45 400*	63.9	63.5	50 900*b																20.0
22.0	48.4	60.2	42 200*	58.5	62.4	47 300*b	63.9	63.1	50 500*b													22.0
24.0	41.6	58.2	37 900*	52.7	61.0	44 100*	58.5	62.0	46 000													24.0
26.0	33.8	55.5	33 500*	46.5	59.2	41 200*	52.8	60.6	41 500	62.1	61.8	39 400b										26.0
28.0	23.7	51.7	30 100*	39.4	57.0	36 500*	46.5	58.8	37 800	56.6	60.6	35 800										28.0
30.0				31.1	54.1	32 400*	39.5	56.6	34 700	50.7	59.1	32 900										30.0
32.0				19.7	49.7	29 200*	31.2	53.7	32 000	44.2	57.2	30 300	48.2	57.2	26 600							32.0
34.0							19.9	49.3	29 300*	36.8	54.8	28 100	41.4	55.1	24 700							34.0
36.0										27.8	51.5	26 100										36.0
38.0										14.0	46.0	24 300	33.5	52.4	23 100	45.3	54.8	21 800				38.0
40.0													23.4	48.6	21 500	38.0	52.5	20 300				40.0
42.0																29.4	49.4	19 100				42.0
44.0																16.9	44.5	17 900				44.0
46.0																			33.8	49.2	16 900	46.0
																			23.7	45.5	15 900	46.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	70.1	67.9	53 000*																			15.2
16.0	68.3	67.6	51 500*																			16.0
18.0	63.7	66.7	47 700*																			18.0
20.0	58.9	65.6	44 300*	67.0	66.9	49 700*																20.0
22.0	53.9	64.2	41 400*	62.3	65.9	46 200*																22.0
24.0	48.5	62.5	37 900*	57.5	64.7	43 100*	62.4	65.5	45 600													24.0
26.0	42.5	60.5	33 600*	52.3	63.3	40 300*	57.5	64.3	41 400													26.0
28.0	35.8	58.0	30 100*	46.7	61.5	36 700*	52.4	62.9	37 700	60.7	64.2	35 700										28.0
30.0	27.6	54.6	27 200*	40.6	59.4	32 500*	46.8	61.1	34 600	55.8	62.9	32 700										30.0
32.0	15.9	49.4	24 800*	33.5	56.6	29 300*	40.7	59.0	31 900	50.5	61.4	30 200										32.0
34.0				24.7	52.9	26 500*	33.6	56.3	29 400*	44.8	59.5	27 900	53.7	61.1	26 400							34.0
36.0							24.8	52.6	26 500*	38.4	57.2	26 000	48.3	59.5	24 500							36.0
38.0							10.2	45.9	24 100*	30.8	54.2	24 300	42.3	57.4	22 900							38.0
40.0										21.0	49.9	22 700	35.6	54.9	21 400	45.7	57.1	20 200				40.0
42.0													27.4	51.5	20 100	39.4	54.9	18 900				42.0
44.0													15.5	46.2	18 900	32.1	52.0	17 800	42.5	54.3	16 700	44.0
46.0																22.8	48.0	16 700	35.8	51.7	15 700	46.0
48.0																			27.6	48.4	14 800	48.0
50.0																			15.9	43.2	13 900	50.0

38.1m (125 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	72.2	71.2	51 500*																			15.2
16.0	70.6	70.9	50 000*																			16.0
18.0	66.6	70.1	46 300*																			18.0
20.0	62.4	69.1	43 200*	69.4	70.2	48 300*																20.0
22.0	58.0	67.9	40 400*	65.3	69.3	45 000*																22.0
24.0	53.4	66.5	37 500*	61.1	68.3	42 000*	65.4	68.9	44 800*													24.0
26.0	48.5	64.8	33 600*	56.7	67.1	39 400*	61.1	67.9	41 100													26.0
28.0	43.2	62.8	30 000*	52.0	65.6	36 600*	56.7	66.7	37 400													28.0
30.0	37.3	60.4	27 200*	47.0	63.8	32 500*	52.0	65.2	34 300	59.6	66.6	32 500										30.0
32.0	30.4	57.4	24 700*	41.5	61.7	29 200*	47.0	63.4	31 700	55.1	65.2	29 900										32.0
34.0	21.6	53.1	22 600*	35.4	59.1	26 400*	41.6	61.3	29 200	50.3	63.7	27 700										34.0
36.0				28.1	55.8	24 000*	35.4	58.7	26 400*	45.2	61.8	25 800	53.3	63.5	24 300							36.0
38.0				18.2	50.9	22 000*	28.1	55.4	24 100*	39.5	59.6	24 000	48.4	61.8	22 600							38.0
40.0							18.3	50.6	22 000*	33.1	56.8	22 500	43.1	59.8	21 100	51.1	61.2	19 900				40.0
42.0										25.2	53.1	21 100	37.1	57.3	19 900	46.0	59.4	18 600				42.0
44.0										13.3	47.1	19 800	30.2	54.2	18 700	40.5	57.3	17 500				44.0
46.0													21.3	50.0	17 600	34.2	54.6	16 500	43.2	56.6	15 400	46.0
48.0																26.5	51.0	15 600	37.3	54.2	14 600	48.0
50.0																15.7	45.7	14 700	30.4	51.1	13 700	50.0
52.0																			21.6	46.9	13 000	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	73.9	74.4	49 700*																			15.2
16.0	72.4	74.1	48 300*																			16.0
18.0	68.8	73.4	44 900*																			18.0
20.0	65.1	72.5	41 900*																			20.0
22.0	61.2	71.5	39 200*	67.7	72.7	43 600*																22.0
24.0	57.2	70.2	36 800*	63.9	71.8	40 800*																24.0
26.0	53.0	68.8	34 600*	60.0	70.7	38 300*	64.0	71.4	40 600*													26.0
28.0	48.6	67.1	30 900*	56.0	69.4	36 000*	60.1	70.3	37 300													28.0
30.0	43.8	65.2	27 900*	51.7	67.9	33 400*	56.0	69.0	34 100													30.0
32.0	38.5	62.8	25 400*	47.2	66.1	29 900*	51.8	67.5	31 500	58.7	68.9	29 700										32.0
34.0	32.5	60.0	23 100*	42.2	64.1	27 100*	47.2	65.7	29 100	54.6	67.6	27 500										34.0
36.0	25.3	56.2	21 300*	36.8	61.6	24 700*	42.3	63.7	27 000*	50.2	66.0	25 500										36.0
38.0	15.0	50.6	19 500*	30.5	58.5	22 600*	36.9	61.2	24 700*	45.6	64.1	23 800	52.9	65.8	22 400							38.0
40.0				22.7	54.4	20 800*	30.6	58.1	22 600*	40.5	61.9	22 300	48.4	64.1	21 000							40.0
42.0							22.8	54.0	20 800*	34.8	59.3	20 900	43.6	62.1	19 600	50.9	63.5	18 400				42.0
44.0							10.2	47.0	19 200*	28.1	55.9	19 700	38.3	59.7	18 500	46.3	61.7	17 300				44.0
46.0										19.4	51.2	18 500	32.3	56.9	17 400	41.3	59.6	16 300				46.0
48.0													25.0	53.1	16 400	35.7	57.0	15 300	43.8	58.9	14 300	48.0
50.0													14.6	47.3	15 500	29.3	53.8	14 500	38.5	56.6	13 500	50.0
52.0																21.0	49.4	13 700	32.5	53.7	12 800	52.0
54.0																			25.3	50.0	12 100	54.0
56.0																			15.0	44.3	11 400	56.0

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.3	77.5	48 100*b																			15.2
16.0	74.0	77.3	46 800*b																			16.0
18.0	70.7	76.6	43 600*																			18.0
20.0	67.3	75.9	40 700*																			20.0
22.0	63.8	74.9	38 200*	69.7	76.0	42 400*																22.0
24.0	60.3	73.8	35 900*	66.3	75.1	39 700*																24.0
26.0	56.6	72.6	33 800*	62.8	74.2	37 400*	66.3	74.7	39 600*													26.0
28.0	52.7	71.1	30 800*	59.2	73.0	35 200*	62.8	73.7	37 000*													28.0
30.0	48.6	69.4	27 700*	55.4	71.7	33 000*	59.2	72.6	33 900													30.0
32.0	44.2	67.5	25 100*	51.5	70.2	29 800*	55.5	71.3	31 300													32.0
34.0	39.5	65.2	23 000*	47.3	68.4	26 900*	51.5	69.8	28 900	57.9	71.3	27 200										34.0
36.0	34.2	62.5	21 100*	42.8	66.4	24 500*	47.4	68.0	26 800*	54.1	69.9	25 300										36.0
38.0	28.0	59.1	19 400*	37.9	64.0	22 400*	42.9	66.0	24 500*	50.1	68.3	23 600										38.0
40.0	20.1	54.5	17 900*	32.4	61.1	20 600*	38.0	63.6	22 400*	45.9	66.4	22 100	52.6	68.1	20 700							40.0
42.0				25.9	57.4	19 000*	32.5	60.7	20 600*	41.3	64.3	20 700	48.5	66.4	19 400							42.0
44.0				17.0	52.2	17 500*	25.9	57.0	19 000*	36.2	61.7	19 500	44.1	64.4	18 200							44.0
46.0							17.2	51.8	17 500*	30.4	58.6	18 300	39.3	62.1	17 200	46.5	64.0	16 000				46.0
48.0										23.3	54.6	17 300	34.0	59.4	16 200	42.0	62.0	15 100				48.0
50.0										12.8	48.2	16 300	27.8	56.0	15 300	37.0	59.5	14 300	44.2	61.2	13 300	50.0
52.0													19.8	51.3	14 400	31.3	56.5	13 500	39.5	59.0	12 500	52.0
54.0																24.5	52.6	12 800	34.2	56.2	11 800	54.0
56.0																14.9	46.8	12 100	28.0	52.8	11 200	56.0
58.0																			20.1	48.2	10 600	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.0	80.3	44 200*																			16.8
18.0	72.2	79.9	42 400*																			18.0
20.0	69.1	79.2	39 700*																			20.0
22.0	66.0	78.3	37 300*																			22.0
24.0	62.8	77.3	35 100*	68.2	78.5	38 700*																24.0
26.0	59.4	76.2	33 100*	65.0	77.6	36 500*																26.0
28.0	56.0	74.9	30 800*	61.8	76.5	34 400*	65.1	77.2	36 300*													28.0
30.0	52.4	73.4	27 600*	58.4	75.4	32 500*	61.8	76.1	33 900													30.0
32.0	48.6	71.7	25 100*	54.9	74.0	29 700*	58.5	75.0	31 100													32.0
34.0	44.6	69.8	22 900*	51.3	72.5	26 800*	55.0	73.6	28 800	60.7	74.8	27 100										34.0
36.0	40.3	67.6	21 000*	47.5	70.7	24 400*	51.3	72.1	26 700*	57.3	73.6	25 200										36.0
38.0	35.5	65.0	19 300*	43.3	68.7	22 300*	47.5	70.3	24 500*	53.7	72.2	23 500										38.0
40.0	30.1	61.8	17 900*	38.9	66.4	20 500*	43.4	68.3	22 300*	50.0	70.6	22 000	55.9	71.8	20 600							40.0
42.0	23.5	57.7	16 600*	34.0	63.6	18 900*	38.9	66.0	20 500*	46.1	68.8	20 600	52.3	70.4	19 300							42.0
44.0	14.3	51.7	15 200*	28.3	60.2	17 500*	34.0	63.2	18 900*	41.9	66.6	19 400	48.5	68.7	18 100							44.0
46.0				21.2	55.8	16 200*	28.3	59.9	17 500*	37.3	64.2	18 300	44.5	66.7	17 100	50.6	68.1	15 900				46.0
48.0							21.3	55.4	16 200*	32.2	61.2	17 200	40.1	64.5	16 100	46.7	66.4	15 000				48.0
50.0							10.2	48.0	15 100*	26.1	57.5	16 300	35.4	61.9	15 200	42.6	64.3	14 200				50.0
52.0										18.2	52.5	15 400	29.9	58.7	14 400	38.1	61.9	13 400	44.6	63.6	12 400	52.0
54.0													23.3	54.6	13 600	33.0	59.0	12 700	40.3	61.3	11 700	54.0
56.0													14.0	48.5	12 900	27.1	55.5	12 000	35.5	58.7	11 100	56.0
58.0																19.7	50.7	11 400	30.1	55.5	10 600	58.0
60.0																			23.5	51.5	10 000	60.0
62.0																			14.3	45.4	9 500	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.2	83.4	42 800*																			16.8
18.0	73.5	83.1	41 100*																			18.0
20.0	70.7	82.4	38 500*																			20.0
22.0	67.8	81.6	36 200*																			22.0
24.0	64.9	80.7	34 200*																			24.0
26.0	61.8	79.7	32 300*	66.9	80.9	35 400*																26.0
28.0	58.7	78.5	30 300*	64.0	80.0	33 500*	67.0	80.5	35 300*													28.0
30.0	55.5	77.2	27 500*	60.9	78.9	31 700*	64.0	79.6	33 300													30.0
32.0	52.2	75.7	24 900*	57.8	77.7	29 500*	60.9	78.5	30 900													32.0
34.0	48.6	74.0	22 700*	54.5	76.3	26 700*	57.8	77.3	28 600													34.0
36.0	44.9	72.1	20 800*	51.1	74.8	24 200*	54.6	75.9	26 500*	59.9	77.2	25 000										36.0
38.0	40.9	69.9	19 100*	47.6	73.0	22 100*	51.2	74.4	24 300*	56.7	75.9	23 300										38.0
40.0	36.6	67.4	17 700*	43.8	71.0	20 300*	47.6	72.6	22 100*	53.4	74.5	21 700										40.0
42.0	31.8	64.4	16 400*	39.7	68.8	18 700*	43.8	70.7	20 300*	50.0	72.9	20 400	55.4	74.2	19 000							42.0
44.0	26.1	60.7	15 200*	35.2	66.1	17 300*	39.7	68.4	18 700*	46.3	71.1	19 200	52.1	72.7	17 900							44.0
46.0	18.9	55.7	14 100*	30.2	62.9	16 000*	35.3	65.7	17 300*	42.4	69.0	18 000	48.6	71.0	16 800							46.0
48.0				24.2	58.9	14 900*	30.2	62.5	16 000*	38.2	66.6	17 000	44.8	69.1	15 900	50.5	70.4	14 700				48.0
50.0				16.2	53.4	13 800*	24.3	58.6	14 900*	33.6	63.8	16 100	40.8	66.9	15 000	46.9	68.7	13 900				50.0
52.0							16.3	53.0	13 900*	28.3	60.4	15 200	36.5	64.3	14 200	43.1	66.6	13 200				52.0
54.0										21.8	56.0	14 400	31.6	61.3	13 400	38.9	64.3	12 500	44.9	65.9	11 500	54.0
56.0										12.4	49.3	13 500*	25.9	57.6	12 700	34.4	61.5	11 800	40.9	63.7	10 900	56.0
58.0													18.7	52.6	12 100	29.2	58.2	11 200	36.6	61.2	10 300	58.0
60.0																23.0	54.1	10 600	31.8	58.1	9 800	60.0
62.0																14.3	47.9	10 100	26.1	54.4	9 300	62.0
64.0																			18.9	49.5	8 800	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.3	86.2	39 100*																			18.3
20.0	72.0	85.6	37 100*																			20.0
22.0	69.4	84.9	35 000*																			22.0
24.0	66.6	84.1	33 000*																			24.0
26.0	63.9	83.1	31 200*	68.6	84.2	34 200*																26.0
28.0	61.0	82.1	29 600*	65.8	83.4	32 400*																28.0
30.0	58.1	80.9	27 800*	63.0	82.4	30 700*	65.8	83.0	32 200*													30.0
32.0	55.1	79.5	25 300*	60.2	81.3	29 100*	63.1	82.0	30 600*													32.0
34.0	52.0	78.0	23 000*	57.2	80.0	27 200*	60.2	80.9	28 400													34.0
36.0	48.7	76.3	21 100*	54.2	78.6	24 600*	57.2	79.6	26 400													36.0
38.0	45.2	74.4	19 400*	51.0	77.1	22 500*	54.2	78.2	24 600	59.2	79.5	23 000										38.0
40.0	41.5	72.3	17 900*	47.7	75.3	20 600*	51.0	76.7	22 500*	56.2	78.2	21 500										40.0
42.0	37.5	69.8	16 600*	44.1	73.4	18 900*	47.7	74.9	20 600*	53.1	76.8	20 200										42.0
44.0	33.2	66.9	15 300*	40.4	71.1	17 500*	44.2	73.0	19 000*	49.9	75.2	18 900	55.0	76.5	17 700							44.0
46.0	28.2	63.5	14 300*	36.3	68.6	16 200*	40.4	70.7	17 500*	46.5	73.4	17 800	51.9	75.0	16 600							46.0
48.0	22.2	59.2	13 200*	31.8	65.5	15 000*	36.3	68.2	16 200*	42.9	71.3	16 800	48.6	73.3	15 600							48.0
50.0	13.8	52.8	11 800*	26.5	61.9	14 000*	31.8	65.2	15 100*	39.0	69.0	15 900	45.1	71.4	14 800	50.4	72.8	13 700				50.0
52.0				20.0	57.1	13 100*	26.6	61.5	14 000*	34.8	66.3	15 000	41.4	69.2	14 000	47.0	71.0	12 900				52.0
54.0							20.1	56.8	13 100*	30.1	63.1	14 300	37.4	66.7	13 200	43.5	68.9	12 200				54.0
56.0							10.2	49.1	11 900*	24.5	59.1	13 500	33.0	63.9	12 500	39.7	66.7	11 600	45.2	68.2	10 700	56.0
58.0										17.4	53.7	12 800*	28.0	60.4	11 900	35.5	64.0	11 000	41.5	66.0	10 100	58.0
60.0													22.0	56.0	11 300	30.9	60.9	10 400	37.5	63.6	9 600	60.0
62.0													13.5	49.6	10 700	25.5	57.1	9 900	33.2	60.7	9 100	62.0
64.0																18.7	52.0	9 400	28.2	57.3	8 600	64.0
66.0																			22.2	52.9	8 100	66.0
68.0																			13.8	46.6	7 700	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.3	89.3	37 000*																			18.3
20.0	73.2	88.8	35 400*																			20.0
22.0	70.7	88.2	33 900*																			22.0
24.0	68.2	87.4	32 000*																			24.0
26.0	65.6	86.5	30 400*	70.0	87.5	33 100*																26.0
28.0	63.0	85.5	28 800*	67.4	86.7	31 400*																28.0
30.0	60.3	84.4	27 300*	64.8	85.8	29 800*																30.0
32.0	57.6	83.2	25 100*	62.2	84.8	28 300*	64.9	85.4	29 700*													32.0
34.0	54.7	81.9	22 800*	59.5	83.6	26 800*	62.2	84.4	28 200*													34.0
36.0	51.8	80.3	20 900*	56.7	82.4	24 400*	59.5	83.2	26 200													36.0
38.0	48.7	78.6	19 200*	53.9	81.0	22 200*	56.8	82.0	24 300													38.0
40.0	45.5	76.8	17 600*	50.9	79.4	20 300*	53.9	80.6	22 200*	58.6	81.9	21 300										40.0
42.0	42.0	74.6	16 300*	47.7	77.6	18 700*	50.9	79.0	20 400*	55.8	80.6	19 900										42.0
44.0	38.4	72.2	15 100*	44.5	75.7	17 200*	47.8	77.2	18 700*	52.9	79.1	18 700										44.0
46.0	34.3	69.5	14 000*	41.0	73.5	16 000*	44.5	75.3	17 300*	49.8	77.5	17 600	54.6	78.8	16 400							46.0
48.0	29.9	66.2	13 100*	37.2	71.0	14 800*	41.0	73.1	16 000*	46.7	75.7	16 600	51.7	77.3	15 400							48.0
50.0	24.6	62.2	12 200*	33.1	68.1	13 700*	37.2	70.6	14 800*	43.3	73.6	15 700	48.6	75.6	14 500							50.0
52.0	18.1	57.0	11 300*	28.4	64.7	12 800*	33.1	67.7	13 800*	39.7	71.3	14 800	45.4	73.7	13 700	50.3	75.1	12 700				52.0
54.0				22.9	60.4	12 000*	28.5	64.3	12 800*	35.9	68.7	14 000	41.9	71.6	13 000	47.2	73.3	12 000				54.0
56.0				15.6	54.5	11 200*	22.9	60.0	11 900*	31.6	65.7	13 300	38.3	69.1	12 300	43.8	71.3	11 300				56.0
58.0							15.7	54.2	11 200*	26.7	62.0	12 500*	34.2	66.4	11 700	40.3	69.0	10 700	45.5	70.5	9 800	58.0
60.0										20.7	57.3	11 700*	29.7	63.1	11 100	36.5	66.5	10 200	42.0	68.4	9 300	60.0
62.0										12.2	50.4	10 900*	24.5	59.1	10 500	32.3	63.5	9 600	38.4	66.0	8 800	62.0
64.0													17.8	53.8	10 000	27.5	59.9	9 200	34.3	63.2	8 300	64.0
66.0																21.7	55.5	8 700	29.9	60.0	7 900	66.0
68.0																13.8	49.1	8 300	24.6	56.0	7 500	68.0
70.0																			18.1	50.8	7 100	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	74.4	92.1	33 500*																			19.8
20.0	74.2	92.0	33 400*																			20.0
22.0	71.9	91.4	32 000*																			22.0
24.0	69.5	90.7	30 900*																			24.0
26.0	67.1	89.9	29 500*																			26.0
28.0	64.7	89.0	28 100*	68.8	90.0	29 900*																28.0
30.0	62.2	87.9	26 700*	66.4	89.1	28 800*																30.0
32.0	59.7	86.8	24 900*	64.0	88.2	27 600*																32.0
34.0	57.1	85.6	22 700*	61.5	87.2	26 200*	64.0	87.8	27 500*													34.0
36.0	54.4	84.2	20 700*	58.9	86.0	24 300*	61.5	86.7	26 000													36.0
38.0	51.6	82.6	19 000*	56.3	84.7	22 100*	58.9	85.6	24 200													38.0
40.0	48.7	80.9	17 500*	53.6	83.3	20 200*	56.3	84.3	22 100*	60.6	85.4	21 100										40.0
42.0	45.7	79.1	16 200*	50.8	81.7	18 600*	53.6	82.9	20 200*	58.0	84.2	19 800										42.0
44.0	42.5	77.0	15 000*	47.8	79.9	17 100*	50.8	81.3	18 600*	55.4	82.9	18 600										44.0
46.0	39.0	74.6	13 900*	44.7	78.0	15 800*	47.8	79.5	17 100*	52.6	81.4	17 500	57.0	82.5	16 200							46.0
48.0	35.4	71.9	12 900*	41.5	75.8	14 700*	44.8	77.6	15 800*	49.8	79.8	16 500	54.3	81.1	15 300							48.0
50.0	31.3	68.8	12 100*	38.0	73.4	13 600*	41.5	75.4	14 700*	46.8	78.0	15 500	51.5	79.6	14 400							50.0
52.0	26.6	65.2	11 300*	34.2	70.6	12 700*	38.0	73.0	13 600*	43.7	76.0	14 700	48.6	77.9	13 600							52.0
54.0	21.1	60.5	10 500*	30.0	67.4	11 800*	34.2	70.2	12 700*	40.3	73.7	13 900	45.6	76.0	12 900	50.2	77.4	11 800				54.0
56.0	13.4	53.9	9 400*	25.1	63.4	11 000*	30.0	67.0	11 800*	36.7	71.2	13 200	42.4	73.9	12 200	47.3	75.6	11 200				56.0
58.0				19.1	58.4	10 300*	25.2	63.1	11 000*	32.8	68.2	12 400*	39.0	71.5	11 600	44.2	73.6	10 600				58.0
60.0							19.2	58.1	10 300*	28.4	64.8	11 600*	35.3	68.8	11 000	40.9	71.4	10 000	45.7	72.8	9 200	60.0
62.0							10.2	50.2	9 400*	23.3	60.6	10 800*	31.2	65.7	10 400	37.3	68.9	9 500	42.5	70.7	8 700	62.0
64.0										16.6	54.9	10 100*	26.5	62.0	9 900	33.5	66.0	9 100	39.0	68.4	8 300	64.0
66.0													20.9	57.4	9 400	29.2	62.7	8 600	35.4	65.7	7 800	66.0
68.0													13.2	50.7	8 900	24.1	58.6	8 200	31.3	62.6	7 400	68.0
70.0																17.8	53.3	7 800	26.6	58.9	7 000	70.0
72.0																			21.1	54.3	6 700	72.0
74.0																			13.4	47.7	6 300	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.3	95.2	31 600*																			19.8
20.0	75.1	95.2	31 500*																			20.0
22.0	72.9	94.6	30 300*																			22.0
24.0	70.7	93.9	29 300*																			24.0
26.0	68.5	93.2	28 300*																			26.0
28.0	66.2	92.3	27 300*	70.1	93.3	28 300*																28.0
30.0	63.9	91.4	25 900*	67.8	92.5	27 300*																30.0
32.0	61.5	90.3	24 700*	65.5	91.6	26 400*																32.0
34.0	59.1	89.2	22 400*	63.2	90.6	25 600*	65.6	91.2	26 600*													34.0
36.0	56.7	87.9	20 500*	60.8	89.5	24 000*	63.2	90.2	25 400*													36.0
38.0	54.1	86.5	18 800*	58.4	88.3	21 800*	60.9	89.1	24 000*													38.0
40.0	51.5	84.9	17 300*	55.9	87.0	20 000*	58.4	87.9	21 900*	62.4	88.9	20 900										40.0
42.0	48.7	83.2	15 900*	53.3	85.6	18 300*	55.9	86.6	20 000*	60.0	87.8	19 500										42.0
44.0	45.9	81.4	14 700*	50.7	84.0	16 900*	53.4	85.2	18 300*	57.6	86.6	18 300										44.0
46.0	42.9	79.3	13 700*	47.9	82.2	15 600*	50.7	83.6	16 900*	55.0	85.2	17 300										46.0
48.0	39.7	77.0	12 700*	45.0	80.3	14 400*	47.9	81.8	15 600*	52.4	83.7	16 200	56.6	84.8	15 000							48.0
50.0	36.2	74.4	11 800*	41.9	78.2	13 400*	45.0	79.9	14 400*	49.7	82.1	15 300	54.0	83.4	14 200							50.0
52.0	32.5	71.4	11 000*	38.7	75.8	12 400*	42.0	77.8	13 400*	46.9	80.3	14 500	51.4	81.9	13 400							52.0
54.0	28.3	67.9	10 300*	35.2	73.1	11 600*	38.7	75.4	12 400*	44.0	78.3	13 700	48.6	80.2	12 600							54.0
56.0	23.5	63.7	9 600*	31.3	70.0	10 800*	35.2	72.7	11 600*	40.9	76.1	13 000	45.8	78.3	12 000	50.2	79.7	11 000				56.0
58.0	17.3	58.2	8 900*	27.0	66.3	10 100*	31.3	69.6	10 800*	37.5	73.6	12 200*	42.8	76.2	11 400	47.4	77.9	10 400				58.0
60.0				21.8	61.8	9 400*	27.0	65.9	10 100*	33.9	70.7	11 300*	39.6	73.9	10 800	44.4	75.9	9 800				60.0
62.0				15.1	55.7	8 800*	21.9	61.5	9 400*	29.9	67.5	10 500*	36.1	71.3	10 200	41.4	73.7	9 300	45.9	75.1	8 500	62.0
64.0							15.1	55.3	8 800*	25.3	63.6	9 800*	32.4	68.3	9 700	38.1	71.3	8 800	42.9	73.0	8 000	64.0
66.0										19.8	58.7	9 200*	28.2	64.8	9 200	34.5	68.5	8 400	39.7	70.7	7 600	66.0
68.0										11.9	51.4	8 600*	23.3	60.6	8 800	30.6	65.3	8 000	36.2	68.1	7 200	68.0
70.0													17.1	55.1	8 300	26.1	61.6	7 500	32.5	65.2	6 800	70.0
72.0																20.7	56.8	7 100	28.3	61.7	6 400	72.0
74.0																13.5	50.2	6 800	23.4	57.5	6 100	74.0
76.0																			17.3	52.0	5 800	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

38.1m (125 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	74.6	98.0	29 000*																			21.3
22.0	73.8	97.8	28 800*																			22.0
24.0	71.8	97.2	28 100*																			24.0
26.0	69.7	96.4	27 400*																			26.0
28.0	67.5	95.6	26 400*																			28.0
30.0	65.4	94.8	25 200*	69.0	95.8	25 800*																30.0
32.0	63.2	93.8	24 000*	66.9	94.9	25 000*																32.0
34.0	60.9	92.7	22 300*	64.7	94.0	24 300*	66.9	94.5	25 800*													34.0
36.0	58.6	91.5	20 200*	62.5	93.0	23 400*	64.7	93.6	24 700*													36.0
38.0	56.3	90.2	18 500*	60.2	91.9	21 700*	62.5	92.6	23 500*													38.0
40.0	53.8	88.8	17 100*	57.9	90.7	19 800*	60.3	91.5	21 700*													40.0
42.0	51.3	87.2	15 700*	55.6	89.3	18 100*	58.0	90.3	19 800*	61.8	91.3	19 300										42.0
44.0	48.7	85.5	14 500*	53.1	87.9	16 600*	55.6	88.9	18 100*	59.5	90.2	18 200										44.0
46.0	46.0	83.7	13 500*	50.6	86.3	15 300*	53.1	87.5	16 700*	57.1	88.9	17 000										46.0
48.0	43.2	81.6	12 500*	47.9	84.5	14 200*	50.6	85.9	15 400*	54.7	87.5	16 000										48.0
50.0	40.2	79.3	11 600*	45.2	82.6	13 200*	48.0	84.2	14 200*	52.3	86.0	15 100	56.2	87.2	14 000							50.0
52.0	37.0	76.8	10 800*	42.3	80.5	12 200*	45.2	82.2	13 200*	49.7	84.4	14 300	53.8	85.7	13 200							52.0
54.0	33.5	73.9	10 100*	39.3	78.2	11 300*	42.3	80.1	12 200*	47.0	82.6	13 500	51.3	84.2	12 400							54.0
56.0	29.7	70.6	9 400*	36.0	75.5	10 600*	39.3	77.8	11 400*	44.3	80.6	12 800*	48.7	82.5	11 800							56.0
58.0	25.4	66.7	8 700*	32.4	72.5	9 900*	36.0	75.1	10 600*	41.3	78.4	11 900*	46.0	80.6	11 100	50.1	82.0	10 200				58.0
60.0	20.2	61.9	8 100*	28.5	69.1	9 200*	32.5	72.2	9 900*	38.2	76.0	11 100*	43.1	78.6	10 500	47.5	80.2	9 600				60.0
62.0	13.1	55.0	7 300*	24.0	65.0	8 600*	28.5	68.7	9 200*	34.8	73.2	10 300*	40.1	76.3	10 000	44.7	78.2	9 100				62.0
64.0				18.4	59.7	8 000*	24.0	64.6	8 600*	31.2	70.1	9 600*	36.9	73.7	9 500	41.8	76.1	8 600				64.0
66.0							18.4	59.3	8 000*	27.0	66.5	9 000*	33.4	70.8	9 000	38.7	73.7	8 200	43.2	75.4	7 400	66.0
68.0							10.2	51.3	7 300*	22.2	62.0	8 400*	29.6	67.5	8 600	35.4	71.0	7 700	40.2	73.1	7 000	68.0
70.0										16.1	56.1	7 800*	25.3	63.6	8 100	31.8	67.9	7 400	37.0	70.6	6 600	70.0
72.0													20.0	58.7	7 700	27.7	64.4	7 000	33.5	67.7	6 200	72.0
74.0													12.9	51.8	7 300	23.0	60.1	6 600	29.7	64.4	5 900	74.0
76.0																17.2	54.5	6 300	25.4	60.5	5 600	76.0
78.0																			20.2	55.6	5 300	78.0
80.0																			13.1	48.8	5 000	80.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	70.4	71.0	52 500*b																			15.2
16.0	68.6	70.7	51 000*b																			16.0
18.0	64.0	69.8	47 200*b																			18.0
20.0	59.2	68.7	44 000*	67.8	70.1	49 700*b																20.0
22.0	54.2	67.3	41 100*	63.2	69.1	46 200*b																22.0
24.0	48.8	65.7	38 000*	58.4	68.0	43 100*	63.6	68.8	45 300													24.0
26.0	42.8	63.7	33 800*	53.3	66.6	40 400*	58.8	67.7	41 000													26.0
28.0	36.2	61.2	30 300*	47.8	64.9	37 600*	53.8	66.3	37 400													28.0
30.0	28.1	57.9	27 400*	41.8	62.8	33 200*	48.3	64.6	34 300	57.8	66.4	32 200										30.0
32.0	16.7	52.8	24 900*	34.9	60.2	29 800*	42.4	62.6	31 600	52.6	65.0	29 700										32.0
34.0				26.6	56.8	26 900*	35.6	60.0	29 300	47.1	63.2	27 500	56.4	64.8	25 800							34.0
36.0				14.0	51.1	24 500*	27.4	56.7	27 100*	41.0	61.1	25 600	51.2	63.3	24 000							36.0
38.0							15.5	51.4	24 700*	34.0	58.4	23 900	45.5	61.4	22 300							38.0
40.0										25.3	54.8	22 300	39.2	59.2	20 900	49.4	61.1	19 500				40.0
42.0													31.9	56.3	19 600	43.5	59.1	18 300				42.0
44.0													22.5	52.2	18 400	37.0	56.7	17 200				44.0
46.0																29.1	53.5	16 200	41.0	56.4	15 100	46.0
48.0																18.4	48.8	15 300	25.3	50.0	13 400	48.0
50.0																						50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	72.4	74.3	50 500*b																			15.2
16.0	70.8	74.0	49 100*b																			16.0
18.0	66.8	73.2	45 600*																			18.0
20.0	62.6	72.2	42 500*	70.2	73.4	47 900*b																20.0
22.0	58.2	71.0	39 800*	66.1	72.5	44 600*b																22.0
24.0	53.7	69.6	37 300*	61.9	71.5	41 700*																24.0
26.0	48.8	68.0	34 000*	57.5	70.3	39 100*	62.3	71.2	40 700													26.0
28.0	43.5	66.0	30 400*	52.9	68.9	36 700*	57.9	70.0	37 100													28.0
30.0	37.6	63.6	27 400*	47.9	67.2	33 500*	53.3	68.6	34 000													30.0
32.0	30.8	60.6	24 900*	42.6	65.2	29 900*	48.4	66.9	31 400	56.9	68.7	29 400										32.0
34.0	22.1	56.4	22 700*	36.6	62.7	27 000*	43.1	64.9	29 100	52.3	67.3	27 300										34.0
36.0				29.5	59.5	24 500*	37.1	62.5	27 000	47.3	65.5	25 300	55.7	67.1	23 700							36.0
38.0				20.4	55.1	22 500*	30.2	59.4	24 800*	41.8	63.5	23 700	51.0	65.6	22 100							38.0
40.0							21.3	55.1	22 600*	35.7	60.9	22 100	45.9	63.7	20 700							40.0
42.0										28.5	57.6	20 700	40.3	61.5	19 400	49.3	63.4	18 000				42.0
44.0										18.9	52.9	19 500	34.0	58.8	18 200	44.1	61.5	16 900				44.0
46.0													26.3	55.3	17 100	38.3	59.1	15 900	47.3	60.8	14 800	46.0
48.0													15.3	49.8	16 100	31.6	56.2	15 000	41.9	58.7	13 900	48.0
50.0																23.3	52.2	14 200	35.8	56.2	13 100	50.0
52.0																			28.5	52.9	12 400	52.0
54.0																			18.9	48.2	11 700	54.0

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.1	77.4	49 100*b																			15.2
16.0	72.6	77.2	47 800*b																			16.0
18.0	69.0	76.5	44 400*																			18.0
20.0	65.3	75.6	41 500*																			20.0
22.0	61.4	74.6	38 900*	68.4	75.9	43 600*																22.0
24.0	57.4	73.4	36 600*	64.6	75.0	40 800*																24.0
26.0	53.2	71.9	34 400*	60.8	73.9	38 300*	65.0	74.6	40 500													26.0
28.0	48.8	70.3	31 100*	56.7	72.7	36 100*	61.1	73.6	36 900													28.0
30.0	44.0	68.3	28 000*	52.5	71.2	33 800*	57.1	72.3	33 800													30.0
32.0	38.8	66.0	25 400*	48.0	69.5	30 500*	52.9	70.9	31 200													32.0
34.0	32.8	63.2	23 300*	43.2	67.5	27 600*	48.4	69.2	28 900	56.2	71.1	27 000										34.0
36.0	25.7	59.5	21 300*	37.9	65.1	25 100*	43.6	67.3	26 800	52.0	69.6	25 100										36.0
38.0	15.7	54.0	19 300*	31.8	62.2	23 000*	38.4	64.9	25 000	47.4	67.8	23 400										38.0
40.0				24.3	58.3	21 100*	32.3	62.0	23 100*	42.5	65.8	21 900	50.8	67.9	20 400							40.0
42.0				13.4	52.2	19 100*	25.1	58.2	21 200*	37.1	63.3	20 600	46.2	66.0	19 200							42.0
44.0							14.7	52.5	19 600*	30.9	60.3	19 300	41.2	63.9	18 000	49.3	65.7	16 700				44.0
46.0										23.2	56.3	18 200	35.6	61.3	17 000	44.6	63.8	15 700				46.0
48.0													29.1	58.1	16 000	39.4	61.5	14 800				48.0
50.0													20.7	53.6	15 100	33.6	58.7	14 000				50.0
52.0																26.6	55.2	13 200	42.6	61.0	12 900	52.0
54.0																			37.1	58.6	12 200	
56.0																17.1	50.0	12 500	30.9	55.6	11 500	54.0
																			23.2	51.5	10 900	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.4	80.6	47 500*																			15.2
16.0	74.1	80.4	46 300*																			16.0
18.0	70.8	79.7	43 100*																			18.0
20.0	67.5	78.9	40 400*																			20.0
22.0	64.0	78.0	37 900*																			22.0
24.0	60.4	76.9	35 600*	66.9	78.3	39 800*																24.0
26.0	56.8	75.7	33 600*	63.4	77.4	37 400*	67.2	78.0	39 700*													26.0
28.0	52.9	74.2	31 000*	59.8	76.3	35 200*	63.7	77.0	36 700													28.0
30.0	48.8	72.6	27 900*	56.1	75.0	33 300*	60.2	75.9	33 600													30.0
32.0	44.5	70.7	25 300*	52.2	73.5	30 300*	56.5	74.7	30 900													32.0
34.0	39.7	68.4	23 100*	48.1	71.8	27 400*	52.6	73.2	28 600	59.4	74.7	26 800										34.0
36.0	34.5	65.7	21 200*	43.7	69.8	24 900*	48.5	71.5	26 600	55.6	73.4	24 900										36.0
38.0	28.3	62.3	19 500*	38.9	67.5	22 700*	44.1	69.6	24 800	51.7	71.9	23 200										38.0
40.0	20.6	57.8	17 600*	33.5	64.7	20 900*	39.3	67.3	22 900*	47.6	70.1	21 700	54.6	71.7	20 200							40.0
42.0				27.2	61.2	19 200*	34.0	64.5	21 000*	43.1	68.1	20 300	50.6	70.2	18 900							42.0
44.0				19.0	56.4	17 800*	27.8	61.1	19 400*	38.2	65.7	19 100	46.4	68.3	17 700							44.0
46.0							19.9	56.4	17 900*	32.8	62.9	18 000	41.9	66.2	16 700	49.3	68.0	15 400				46.0
48.0										26.3	59.3	17 000	36.9	63.8	15 700	45.0	66.1	14 600				48.0
50.0										17.7	54.1	16 000	31.2	60.7	14 900	40.3	63.9	13 800				50.0
52.0													24.3	56.8	14 100	35.1	61.2	13 000	43.1	63.4	11 900	52.0
54.0													14.6	50.9	13 300	29.1	58.0	12 300	38.3	61.0	11 300	54.0
56.0																21.6	53.6	11 600	32.8	58.1	10 700	56.0
58.0																			26.3	54.5	10 100	58.0
60.0																			17.7	49.4	9 500	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.2	83.3	43 700*																			16.8
18.0	72.4	83.0	41 900*																			18.0
20.0	69.3	82.2	39 300*																			20.0
22.0	66.1	81.4	37 000*																			22.0
24.0	62.9	80.4	34 800*	68.8	81.6	38 700*																24.0
26.0	59.6	79.3	32 800*	65.6	80.8	36 500*																26.0
28.0	56.2	78.0	30 800*	62.4	79.8	34 400*	65.9	80.4	36 300*													28.0
30.0	52.6	76.6	27 800*	59.1	78.6	32 600*	62.7	79.4	33 500													30.0
32.0	48.8	74.9	25 200*	55.6	77.3	30 300*	59.4	78.3	30 800													32.0
34.0	44.8	73.0	23 000*	52.0	75.8	27 400*	55.9	77.0	28 500	62.0	78.2	26 700										34.0
36.0	40.5	70.8	21 100*	48.2	74.1	24 800*	52.3	75.5	26 500	58.6	77.0	24 800										36.0
38.0	35.8	68.2	19 400*	44.1	72.1	22 700*	48.5	73.8	24 800	55.1	75.7	23 100										38.0
40.0	30.4	65.0	17 900*	39.8	69.9	20 800*	44.5	71.9	22 900*	51.5	74.2	21 600										40.0
42.0	23.9	61.0	16 200*	34.9	67.2	19 200*	40.2	69.7	21 000*	47.7	72.4	20 300	54.2	74.0	18 800							42.0
44.0	15.0	55.2	14 800*	29.4	63.9	17 700*	35.4	67.0	19 300*	43.6	70.5	19 000	50.5	72.5	17 700							44.0
46.0				22.7	59.8	16 400*	29.9	63.8	17 900*	39.2	68.1	17 900	46.6	70.7	16 600							46.0
48.0				12.9	53.3	15 100*	23.3	59.7	16 600*	34.3	65.4	16 900	42.5	68.6	15 700	49.3	70.3	14 500				48.0
50.0							14.0	53.6	15 400*	28.6	62.1	16 000	37.9	66.2	14 800	45.3	68.4	13 600				50.0
52.0										21.7	57.7	15 100	32.9	63.3	14 000	41.0	66.2	12 900				52.0
54.0													26.9	59.7	13 300	36.3	63.7	12 200	43.6	65.7	11 200	54.0
56.0													19.4	54.9	12 600	31.0	60.6	11 600	39.2	63.4	10 600	56.0
58.0																24.7	56.7	11 000	34.3	60.6	10 000	58.0
60.0																16.2	51.2	10 400	28.6	57.3	9 500	60.0
62.0																			21.7	52.9	9 000	62.0
64.0																			11.0	45.9	8 500	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.3	86.5	42 300*																			16.8
18.0	73.7	86.2	40 700*																			18.0
20.0	70.8	85.5	38 200*																			20.0
22.0	68.0	84.7	35 900*																			22.0
24.0	65.0	83.8	33 900*																			24.0
26.0	62.0	82.8	32 000*	67.5	84.1	35 500*																26.0
28.0	58.9	81.6	30 200*	64.5	83.2	33 500*																28.0
30.0	55.7	80.3	27 700*	61.5	82.1	31 700*	64.8	82.8	33 200													30.0
32.0	52.3	78.9	25 000*	58.4	81.0	30 100*	61.8	81.8	30 600													32.0
34.0	48.8	77.2	22 800*	55.1	79.6	27 100*	58.7	80.6	28 300													34.0
36.0	45.1	75.3	20 900*	51.8	78.1	24 700*	55.4	79.3	26 300	61.1	80.6	24 500										36.0
38.0	41.2	73.1	19 200*	48.2	76.4	22 500*	52.1	77.8	24 500	58.0	79.4	22 800										38.0
40.0	36.9	70.6	17 700*	44.5	74.5	20 600*	48.6	76.1	22 700*	54.7	78.0	21 400										40.0
42.0	32.0	67.6	16 400*	40.5	72.2	19 000*	44.8	74.2	20 800*	51.3	76.5	20 000										42.0
44.0	26.4	64.0	15 000*	36.1	69.7	17 500*	40.9	72.0	19 100*	47.8	74.7	18 800	53.8	76.3	17 400							44.0
46.0	19.4	59.1	13 700*	31.2	66.6	16 200*	36.5	69.5	17 700*	44.0	72.8	17 700	50.4	74.8	16 400							46.0
48.0				25.4	62.8	15 100*	31.6	66.4	16 300*	39.9	70.5	16 700	46.8	73.0	15 400							48.0
50.0				18.0	57.6	14 000*	26.0	62.7	15 200*	35.5	67.9	15 800	43.0	70.9	14 600	49.2	72.6	13 400				50.0
52.0							18.7	57.7	14 100*	30.5	64.7	14 900	38.8	68.6	13 800	45.6	70.7	12 600				52.0
54.0										24.6	60.8	14 200	34.2	65.8	13 000	41.6	68.6	12 000				54.0
56.0										16.8	55.4	13 400	29.0	62.5	12 400	37.4	66.1	11 300	44.0	68.0	10 300	56.0
58.0													22.8	58.3	11 700	32.6	63.2	10 700	39.9	65.8	9 800	58.0
60.0													14.0	52.1	11 100	27.1	59.6	10 200	35.5	63.1	9 200	60.0
62.0																20.3	55.0	9 600	30.5	60.0	8 800	62.0
64.0																9.5	47.2	9 200	24.6	56.1	8 300	64.0
66.0																			16.8	50.6	7 900	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.4	89.2	38 600*																			18.3
20.0	72.2	88.7	36 700*																			20.0
22.0	69.5	88.0	34 600*																			22.0
24.0	66.8	87.2	32 700*																			24.0
26.0	64.0	86.2	30 900*	69.1	87.4	34 200*																26.0
28.0	61.2	85.2	29 400*	66.3	86.6	32 300*																28.0
30.0	58.3	84.0	27 800*	63.6	85.6	30 700*	66.6	86.2	32 400*													30.0
32.0	55.3	82.7	25 400*	60.7	84.5	29 200*	63.8	85.2	30 400													32.0
34.0	52.1	81.2	23 200*	57.8	83.3	27 500*	61.0	84.2	28 100													34.0
36.0	48.8	79.5	21 200*	54.7	81.9	25 100*	58.0	83.0	26 100													36.0
38.0	45.4	77.6	19 500*	51.6	80.4	22 800*	55.0	81.6	24 300	60.3	82.9	22 600										38.0
40.0	41.7	75.5	18 000*	48.3	78.7	20 900*	51.9	80.1	22 700	57.4	81.7	21 100										40.0
42.0	37.8	73.0	16 600*	44.8	76.8	19 200*	48.6	78.4	21 100*	54.3	80.3	19 800										42.0
44.0	33.4	70.2	15 300*	41.1	74.6	17 700*	45.1	76.5	19 400*	51.2	78.8	18 600										44.0
46.0	28.5	66.8	14 000*	37.1	72.1	16 400*	41.4	74.4	17 900*	47.9	77.1	17 500	53.5	78.7	16 100							46.0
48.0	22.5	62.5	12 800*	32.6	69.2	15 300*	37.5	71.9	16 500*	44.4	75.1	16 500	50.3	77.1	15 200							48.0
50.0	14.4	56.3	11 800*	27.6	65.6	14 200*	33.1	69.0	15 300*	40.6	72.9	15 600	46.9	75.3	14 400							50.0
52.0				21.4	61.2	13 200*	28.0	65.5	14 300*	36.5	70.3	14 800	43.4	73.2	13 600	49.2	74.9	12 400				52.0
54.0				12.6	54.4	12 000*	22.0	61.2	13 300*	32.0	67.3	14 000	39.6	70.9	12 800	45.8	73.0	11 800				54.0
56.0							13.6	54.7	12 400*	26.9	63.7	13 200	35.4	68.3	12 200	42.2	70.9	11 100				56.0
58.0										20.5	59.0	12 600	30.7	65.2	11 500	38.2	68.5	10 500	44.4	70.3	9 500	58.0
60.0													25.3	61.3	11 000	33.9	65.7	10 000	40.6	68.1	9 000	60.0
62.0													18.4	56.2	10 400	29.1	62.4	9 500	36.5	65.6	8 500	62.0
64.0													6.1	46.6	9 800	23.3	58.2	9 000	32.0	62.6	8 100	64.0
66.0																15.5	52.4	8 500	26.9	59.0	7 700	66.0
68.0																			20.5	54.3	7 300	68.0
70.0																			10.9	46.9	6 900	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.4	92.4	36 500*																			18.3
20.0	73.3	91.9	35 000*																			20.0
22.0	70.8	91.3	33 600*																			22.0
24.0	68.3	90.5	31 700*																			24.0
26.0	65.8	89.6	30 100*	70.4	90.7	33 000*																26.0
28.0	63.1	88.6	28 600*	67.9	89.9	31 400*																28.0
30.0	60.5	87.6	27 100*	65.3	89.0	29 800*																30.0
32.0	57.7	86.3	25 200*	62.7	88.0	28 300*	65.6	88.6	29 800*													32.0
34.0	54.9	85.0	22 900*	60.0	86.9	26 900*	62.9	87.6	27 900													34.0
36.0	51.9	83.5	21 000*	57.3	85.6	24 900*	60.3	86.5	25 900													36.0
38.0	48.9	81.8	19 200*	54.4	84.3	22 600*	57.5	85.3	24 100													38.0
40.0	45.6	79.9	17 700*	51.4	82.7	20 700*	54.7	83.9	22 500	59.7	85.3	20 900										40.0
42.0	42.2	77.8	16 400*	48.3	81.0	19 000*	51.7	82.4	20 900*	56.9	84.0	19 500										42.0
44.0	38.6	75.4	15 200*	45.1	79.1	17 500*	48.6	80.7	19 100*	54.0	82.6	18 300										44.0
46.0	34.6	72.7	14 100*	41.6	76.9	16 200*	45.4	78.8	17 600*	51.0	81.1	17 300	56.1	82.4	15 900							46.0
48.0	30.1	69.4	13 000*	37.9	74.5	15 000*	41.9	76.7	16 300*	47.9	79.4	16 300	53.2	81.0	14 900							48.0
50.0	25.0	65.5	11 900*	33.9	71.7	13 900*	38.3	74.3	15 100*	44.7	77.4	15 400	50.2	79.4	14 100							50.0
52.0	18.5	60.4	11 000*	29.3	68.4	13 000*	34.2	71.5	14 100*	41.2	75.2	14 500	47.1	77.6	13 300	52.3	78.9	12 100				52.0
54.0				24.0	64.3	12 100*	29.8	68.3	13 100*	37.4	72.7	13 800	43.8	75.6	12 600	49.2	77.2	11 500				54.0
56.0				17.2	58.9	11 300*	24.5	64.3	12 200*	33.3	69.9	13 000	40.2	73.3	11 900	46.0	75.3	10 900				56.0
58.0							17.9	59.0	11 400*	28.7	66.5	12 400	36.4	70.7	11 300	42.6	73.3	10 300				58.0
60.0										23.2	62.3	11 800	32.1	67.7	10 700	39.0	70.9	9 700	44.7	72.7	8 800	60.0
62.0										16.1	56.5	11 200	27.3	64.2	10 200	35.0	68.2	9 200	41.2	70.5	8 300	62.0
64.0													21.6	59.7	9 700	30.6	65.1	8 800	37.4	68.0	7 800	64.0
66.0													13.6	53.2	9 200	25.6	61.2	8 300	33.3	65.1	7 400	66.0
68.0																19.3	56.3	7 900	28.7	61.7	7 100	68.0
70.0																9.6	48.2	7 500	23.2	57.5	6 700	70.0
72.0																			16.1	51.8	6 300	72.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	74.6	95.2	33 100*																			19.8
20.0	74.3	95.1	33 000*																			20.0
22.0	72.0	94.5	31 600*																			22.0
24.0	69.7	93.8	30 600*																			24.0
26.0	67.3	93.0	29 300*																			26.0
28.0	64.8	92.0	27 800*	69.3	93.2	29 900*																28.0
30.0	62.4	91.0	26 500*	66.9	92.3	28 800*																30.0
32.0	59.8	89.9	25 100*	64.4	91.4	27 700*																32.0
34.0	57.2	88.7	22 800*	62.0	90.4	26 400*	64.7	91.1	27 600*													34.0
36.0	54.5	87.3	20 800*	59.4	89.2	24 700*	62.2	90.0	25 800													36.0
38.0	51.8	85.8	19 100*	56.8	88.0	22 500*	59.6	88.9	24 000													38.0
40.0	48.9	84.1	17 600*	54.1	86.6	20 500*	57.0	87.7	22 400	61.6	88.8	20 700										40.0
42.0	45.8	82.2	16 300*	51.3	85.0	18 800*	54.3	86.3	20 700*	59.1	87.7	19 400										42.0
44.0	42.6	80.1	15 000*	48.4	83.3	17 400*	51.5	84.7	19 000*	56.4	86.4	18 200										44.0
46.0	39.2	77.8	14 000*	45.3	81.4	16 100*	48.6	83.0	17 500*	53.7	85.0	17 100										46.0
48.0	35.6	75.1	13 000*	42.1	79.3	14 900*	45.6	81.1	16 200*	50.9	83.4	16 100	55.7	84.7	14 800							48.0
50.0	31.5	72.1	12 100*	38.7	76.9	13 800*	42.4	79.0	15 000*	48.0	81.7	15 200	53.0	83.3	14 000							50.0
52.0	26.9	68.4	11 200*	34.9	74.2	12 800*	39.0	76.7	13 900*	44.9	79.7	14 400	50.2	81.7	13 200							52.0
54.0	21.4	63.9	10 300*	30.8	71.0	12 000*	35.3	74.0	12 900*	41.7	77.6	13 600	47.2	79.9	12 500	52.1	81.2	11 300				54.0
56.0	14.0	57.4	9 400*	26.1	67.3	11 200*	31.2	70.9	12 100*	38.2	75.1	12 900	44.1	77.9	11 800	49.2	79.5	10 700				56.0
58.0				20.4	62.5	10 400	26.5	67.2	11 300*	34.4	72.4	12 300	40.8	75.7	11 200	46.2	77.7	10 200				58.0
60.0				12.3	55.5	9 500	20.9	62.5	10 500*	30.2	69.2	11 700	37.2	73.2	10 600	43.0	75.6	9 600				60.0
62.0							13.2	55.9	9 800*	25.4	65.3	11 100*	33.4	70.3	10 100	39.6	73.3	9 100	44.9	75.0	8 200	62.0
64.0										19.5	60.4	10 300*	29.0	66.9	9 600	36.0	70.7	8 700	41.7	72.8	7 800	64.0
66.0													24.0	62.8	9 100	32.0	67.6	8 200	38.2	70.4	7 300	66.0
68.0													17.6	57.4	8 600	27.5	64.1	7 800	34.4	67.6	6 900	68.0
70.0													6.8	47.9	8 200	22.1	59.7	7 400	30.2	64.4	6 600	70.0
72.0																15.0	53.5	7 000	25.4	60.6	6 200	72.0
74.0																			19.5	55.6	5 900	74.0
76.0																			10.8	48.0	5 600	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.4	98.3	31 200*																			19.8
20.0	75.2	98.3	31 100*																			20.0
22.0	73.0	97.7	30 000*																			22.0
24.0	70.8	97.0	29 000*																			24.0
26.0	68.6	96.3	28 000*																			26.0
28.0	66.3	95.4	27 000*																			28.0
30.0	64.0	94.5	25 700*	68.2	95.6	27 400*																30.0
32.0	61.7	93.4	24 500*	66.0	94.8	26 100*																32.0
34.0	59.3	92.3	22 600*	63.6	93.8	25 600*	66.2	94.4	26 800*													34.0
36.0	56.8	91.0	20 600*	61.3	92.8	24 200*	63.8	93.5	25 500													36.0
38.0	54.2	89.6	18 900*	58.9	91.6	22 300*	61.5	92.4	23 800													38.0
40.0	51.6	88.1	17 400*	56.4	90.3	20 300*	59.1	91.3	22 200													40.0
42.0	48.9	86.4	16 000*	53.8	88.9	18 600*	56.6	90.0	20 500*	61.0	91.2	19 200										42.0
44.0	46.0	84.5	14 800*	51.2	87.3	17 100*	54.0	88.6	18 700*	58.5	90.0	18 000										44.0
46.0	43.0	82.5	13 700*	48.4	85.6	15 800*	51.4	87.0	17 300*	56.0	88.7	16 900										46.0
48.0	39.8	80.2	12 700*	45.5	83.7	14 600*	48.7	85.3	15 900*	53.5	87.3	15 900										48.0
50.0	36.4	77.6	11 900*	42.5	81.6	13 600*	45.8	83.5	14 700*	50.8	85.7	15 000	55.4	87.0	13 700							50.0
52.0	32.7	74.6	11 000*	39.3	79.3	12 600*	42.8	81.4	13 600*	48.1	84.0	14 200	52.8	85.6	12 900							52.0
54.0	28.5	71.2	10 300*	35.8	76.6	11 700*	39.6	79.1	12 700*	45.2	82.0	13 400	50.1	84.0	12 200							54.0
56.0	23.7	67.0	9 600*	32.0	73.6	10 900*	36.1	76.4	11 800*	42.1	79.9	12 700	47.3	82.2	11 600							56.0
58.0	17.7	61.6	8 900*	27.8	70.1	10 200*	32.4	73.5	11 000*	38.9	77.5	12 000	44.4	80.2	10 900	49.2	81.8	9 900				58.0
60.0				22.8	65.8	9 500*	28.2	70.0	10 300*	35.4	74.8	11 400	41.3	78.0	10 400	46.3	80.0	9 400				60.0
62.0				16.5	60.1	8 900*	23.3	65.8	9 600*	31.5	71.8	10 800*	38.0	75.6	9 900	43.4	77.9	8 900				62.0
64.0				4.7	48.9	7 600*	17.2	60.2	8 900*	27.2	68.2	10 100*	34.4	72.8	9 300	40.2	75.6	8 400	45.2	77.3	7 500	64.0
66.0										22.1	63.7	9 500*	30.4	69.6	8 900	36.8	73.1	8 000	42.1	75.2	7 100	66.0
68.0										15.5	57.7	8 800*	26.0	65.8	8 400	33.1	70.2	7 600	38.9	72.8	6 700	68.0
70.0													20.6	61.0	8 000	29.0	66.8	7 200	35.4	70.1	6 300	70.0
72.0													13.2	54.3	7 600	24.3	62.8	6 800	31.5	67.0	6 000	72.0
74.0																18.5	57.6	6 400	27.2	63.4	5 700	74.0
76.0																9.6	49.3	6 100	22.1	59.0	5 300	76.0
78.0																			15.5	53.0	5 000	78.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	74.7	101.1	28 000*																			21.3
22.0	74.0	100.9	27 900*																			22.0
24.0	71.9	100.2	27 700*																			24.0
26.0	69.8	99.5	27 100*																			26.0
28.0	67.7	98.7	26 200*																			28.0
30.0	65.5	97.8	25 000*	69.4	98.9	25 800*																30.0
32.0	63.3	96.9	23 700*	67.3	98.1	25 000*																32.0
34.0	61.0	95.8	22 200*	65.1	97.2	24 300*	67.5	97.7	25 900*													34.0
36.0	58.7	94.6	20 400*	62.9	96.2	23 700*	65.3	96.9	24 800*													36.0
38.0	56.4	93.3	18 600*	60.7	95.1	22 000*	63.1	95.9	23 500													38.0
40.0	54.0	91.9	17 100*	58.4	93.9	20 100*	60.9	94.8	22 000													40.0
42.0	51.5	90.4	15 800*	56.0	92.6	18 400*	58.6	93.6	20 300*													42.0
44.0	48.9	88.7	14 600*	53.6	91.2	16 900*	56.2	92.3	18 500*	60.4	93.6	17 800										44.0
46.0	46.2	86.8	13 500*	51.0	89.6	15 600*	53.8	90.9	17 000*	58.1	92.4	16 700										46.0
48.0	43.3	84.8	12 500*	48.4	87.9	14 400*	51.3	89.3	15 700*	55.7	91.0	15 700										48.0
50.0	40.4	82.5	11 600*	45.7	86.0	13 300*	48.7	87.6	14 500*	53.2	89.6	14 800										50.0
52.0	37.2	80.0	10 800*	42.9	83.9	12 400*	46.0	85.8	13 400*	50.7	88.0	14 000	55.0	89.4	12 700							52.0
54.0	33.7	77.1	10 100*	39.9	81.6	11 500*	43.1	83.7	12 500*	48.1	86.3	13 200	52.6	87.9	12 000							54.0
56.0	29.9	73.9	9 400*	36.6	79.1	10 700*	40.1	81.4	11 600*	45.4	84.3	12 500	50.0	86.3	11 400							56.0
58.0	25.6	70.0	8 800*	33.1	76.2	10 000*	36.9	78.9	10 800*	42.5	82.2	11 900	47.4	84.5	10 800	51.8	85.8	9 700				58.0
60.0	20.5	65.2	8 200*	29.3	72.8	9 300*	33.5	76.0	10 000*	39.5	79.9	11 300	44.6	82.5	10 200	49.2	84.1	9 200				60.0
62.0	13.6	58.5	7 400*	24.9	68.8	8 700*	29.6	72.7	9 400*	36.2	77.3	10 600*	41.7	80.4	9 600	46.5	82.3	8 700				62.0
64.0				19.5	63.8	8 100*	25.3	68.8	8 800*	32.7	74.3	9 900*	38.6	78.0	9 200	43.7	80.2	8 200				64.0
66.0				12.1	56.6	7 400*	20.1	63.9	8 200*	28.7	70.9	9 200*	35.3	75.3	8 700	40.7	78.0	7 700	45.4	79.6	6 900	66.0
68.0							12.9	57.0	7 600*	24.2	66.8	8 600*	31.7	72.2	8 300	37.5	75.5	7 400	42.5	77.5	6 500	68.0
70.0										18.7	61.6	8 000*	27.6	68.6	7 800	34.1	72.7	7 000	39.5	75.2	6 100	70.0
72.0													22.9	64.3	7 500	30.4	69.5	6 600	36.2	72.5	5 800	72.0
74.0													17.0	58.7	7 000	26.2	65.7	6 300	32.7	69.6	5 500	74.0
76.0													7.2	49.0	6 700	21.1	61.1	5 900	28.7	66.2	5 100	76.0
78.0																14.5	54.7	5 600	24.2	62.1	4 900	78.0
80.0																			18.7	56.9	4 600	80.0
82.0																			10.8	49.1	4 300	82.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

41.1m (135 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.5	104.2	25 400*																			21.3
22.0	74.8	104.0	25 100*																			22.0
24.0	72.8	103.4	24 700*																			24.0
26.0	70.8	102.8	24 400*																			26.0
28.0	68.8	102.0	24 100*																			28.0
30.0	66.8	101.2	23 400*																			30.0
32.0	64.7	100.3	22 000*	68.5	101.4	22 900*																32.0
34.0	62.6	99.3	20 600*	66.5	100.6	22 400*																34.0
36.0	60.5	98.2	19 400*	64.4	99.6	21 800*	66.6	100.2	23 100*													36.0
38.0	58.3	97.0	18 200*	62.3	98.6	20 700*	64.6	99.3	21 900*													38.0
40.0	56.0	95.7	17 000*	60.1	97.5	19 400*	62.5	98.3	20 700*													40.0
42.0	53.7	94.2	15 700*	57.9	96.3	18 200*	60.3	97.2	19 500*													42.0
44.0	51.3	92.7	14 500*	55.7	95.0	16 900*	58.1	96.0	18 300*													44.0
46.0	48.9	91.0	13 400*	53.3	93.5	15 500*	55.9	94.6	17 000*	59.8	95.9	16 500										46.0
48.0	46.3	89.1	12 400*	50.9	91.9	14 300*	53.5	93.2	15 600*	57.6	94.7	15 500										48.0
50.0	43.6	87.1	11 500*	48.5	90.2	13 200*	51.2	91.6	14 400*	55.4	93.3	14 600										50.0
52.0	40.8	84.9	10 700*	45.9	88.3	12 200*	48.7	89.9	13 300*	53.0	91.9	13 800	57.0	93.1	12 500							52.0
54.0	37.8	82.4	9 900*	43.2	86.3	11 400*	46.1	88.1	12 300*	50.6	90.3	13 000	54.8	91.7	11 800							54.0
56.0	34.6	79.6	9 200*	40.4	84.0	10 600*	43.4	86.0	11 500*	48.1	88.6	12 300	52.4	90.2	11 100							56.0
58.0	31.1	76.5	8 600*	37.3	81.5	9 800*	40.6	83.8	10 600*	45.6	86.7	11 600	50.0	88.6	10 500							58.0
60.0	27.2	72.9	8 000*	34.1	78.7	9 200*	37.6	81.3	9 900*	42.8	84.6	11 000	47.5	86.8	10 000	51.6	88.1	8 900				60.0
62.0	22.7	68.5	7 500*	30.5	75.5	8 500*	34.4	78.5	9 200*	40.0	82.3	10 400*	44.8	84.8	9 400	49.2	86.4	8 400				62.0
64.0	17.1	62.9	6 900*	26.5	71.7	7 900*	30.9	75.3	8 600*	36.9	79.7	9 700*	42.1	82.7	8 900	46.6	84.6	7 900				64.0
66.0				21.9	67.2	7 400*	26.9	71.6	8 000*	33.6	76.9	9 100*	39.2	80.3	8 500	44.0	82.6	7 500				66.0
68.0				16.0	61.2	6 900*	22.3	67.2	7 400*	30.0	73.6	8 400*	36.1	77.7	8 000	41.2	80.4	7 100	45.6	81.9	6 200	68.0
70.0				5.5	50.3	5 800*	16.6	61.4	6 900*	26.0	69.8	7 900*	32.7	74.7	7 600	38.2	77.9	6 700	42.8	79.8	5 900	70.0
72.0										21.2	65.1	7 300*	29.0	71.3	7 200	35.0	75.2	6 400	40.0	77.5	5 600	72.0
74.0										15.1	58.9	6 800*	24.8	67.3	6 900	31.5	72.1	6 000	36.9	75.0	5 200	74.0
76.0													19.8	62.4	6 500	27.7	68.5	5 700	33.6	72.1	4 900	76.0
78.0													12.9	55.4	6 200	23.3	64.3	5 400	30.0	68.8	4 600	78.0
80.0																17.8	58.8	5 100	26.0	65.0	4 300	80.0
82.0																9.7	50.4	4 800	21.2	60.4	4 100	82.0
84.0																			15.1	54.1	3 800	84.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	70.6	74.1	51 300*b																			15.2
16.0	68.8	73.8	49 900*b																			16.0
18.0	64.2	72.9	46 300*b																			18.0
20.0	59.5	71.8	43 200*	68.7	73.3	49 100*b																20.0
22.0	54.4	70.4	40 400*	64.1	72.4	45 700*b																22.0
24.0	49.1	68.8	38 000*	59.3	71.3	42 800*	64.9	72.1	44 900b													24.0
26.0	43.2	66.8	34 200*	54.3	69.9	40 100*	60.1	71.0	40 600													26.0
28.0	36.5	64.4	30 700*	48.9	68.3	37 600*	55.1	69.7	37 000													28.0
30.0	28.6	61.1	27 700*	43.0	66.3	34 300*	49.8	68.1	33 900	59.7	69.8	31 800										30.0
32.0	17.5	56.3	25 100*	36.3	63.8	30 600*	44.0	66.2	31 300	54.7	68.5	29 300										32.0
34.0				28.3	60.5	27 600*	37.5	63.8	29 000	49.3	66.9	27 100										34.0
36.0				17.1	55.5	25 100*	29.8	60.7	27 000	43.5	64.9	25 200	54.0	66.9	23 500							36.0
38.0							19.4	56.1	25 200	36.9	62.5	23 500	48.5	65.3	21 900							38.0
40.0										29.0	59.3	22 000	42.6	63.3	20 500							40.0
42.0										18.2	54.6	20 600	35.9	60.7	19 200	47.4	63.2	17 800				42.0
44.0													27.8	57.4	18 100	41.3	61.1	16 700				44.0
46.0																34.4	58.5	15 700				46.0
48.0																25.8	54.9	14 900	45.7	60.7	14 500	48.0
50.0																12.5	48.8	14 000	32.1	55.6	12 900	50.0
52.0																			22.8	51.6	12 200	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	72.6	77.3	49 800*b																			15.2
16.0	71.0	77.1	48 400*b																			16.0
18.0	67.0	76.3	45 000*b																			18.0
20.0	62.8	75.3	42 000*																			20.0
22.0	58.5	74.1	39 300*	66.9	75.7	44 500*b																22.0
24.0	53.9	72.8	37 000*	62.7	74.8	41 600*																24.0
26.0	49.0	71.1	34 200*	58.3	73.6	39 100*	63.4	74.5	40 400													26.0
28.0	43.8	69.2	30 600*	53.7	72.2	36 800*	59.1	73.3	36 800													28.0
30.0	38.0	66.8	27 600*	48.9	70.6	34 100*	54.5	72.0	33 700													30.0
32.0	31.2	63.8	25 000*	43.6	68.6	30 500*	49.7	70.4	31 100	58.7	72.2	29 000										32.0
34.0	22.7	59.7	22 800*	37.8	66.2	27 500*	44.5	68.5	28 800	54.1	70.8	26 800										34.0
36.0				31.0	63.2	25 000*	38.8	66.2	26 800	49.3	69.2	24 900										36.0
38.0				22.3	59.1	22 800*	32.2	63.3	25 000	44.1	67.3	23 300	53.5	69.2	21 600							38.0
40.0							24.0	59.4	23 200*	38.3	64.9	21 800	48.6	67.6	20 200							40.0
42.0										31.6	62.0	20 400	43.3	65.6	18 900							42.0
44.0										23.2	58.0	19 200	37.4	63.2	17 800	47.5	65.5	16 400				44.0
46.0													30.5	60.1	16 800	42.1	63.5	15 500				46.0
48.0													21.7	55.9	15 800	36.1	60.9	14 600	46.0	63.0	13 400	48.0
50.0																28.9	57.7	13 800	40.5	60.8	12 600	50.0
52.0																19.5	53.1	13 000	34.2	58.1	11 900	52.0
54.0																			26.6	54.6	11 300	54.0
56.0																			15.8	49.2	10 600	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.3	80.5	48 400*b																			15.2
16.0	72.8	80.3	47 100*b																			16.0
18.0	69.2	79.6	43 900*																			18.0
20.0	65.5	78.7	41 000*																			20.0
22.0	61.6	77.7	38 500*	69.1	79.0	43 400*b																22.0
24.0	57.6	76.5	36 200*	65.4	78.2	40 700*																24.0
26.0	53.5	75.1	34 100*	61.5	77.1	38 300*	66.0	77.9	40 100													26.0
28.0	49.0	73.4	31 300*	57.5	75.9	36 000*	62.2	76.9	36 500													28.0
30.0	44.3	71.5	28 200*	53.3	74.5	34 000*	58.2	75.7	33 500													30.0
32.0	39.1	69.2	25 600*	48.9	72.9	31 200*	54.0	74.3	30 900													32.0
34.0	33.2	66.4	23 200*	44.1	70.9	28 100*	49.7	72.7	28 600	57.8	74.5	26 600										34.0
36.0	26.1	62.8	20 800*	38.9	68.6	25 500*	45.0	70.8	26 600	53.7	73.1	24 700										36.0
38.0	16.4	57.4	18 800*	33.0	65.8	23 300*	39.8	68.6	24 800	49.3	71.5	23 100										38.0
40.0				25.9	62.1	21 400*	34.0	65.8	23 200	44.5	69.6	21 600	53.1	71.6	20 000							40.0
42.0				16.0	56.7	19 700*	27.2	62.4	21 700*	39.3	67.3	20 200	48.6	69.9	18 700							42.0
44.0							18.0	57.4	20 000*	33.5	64.5	19 000	43.8	67.9	17 600							44.0
46.0										26.5	61.0	17 900	38.6	65.6	16 500	47.7	67.8	15 200				46.0
48.0										17.0	55.8	16 900	32.6	62.7	15 600	42.8	65.8	14 400				48.0
50.0													25.4	59.0	14 800	37.4	63.4	13 500				50.0
52.0																31.2	60.4	12 800	41.3	63.1	11 700	52.0
54.0																23.7	56.4	12 100	35.7	60.6	11 100	54.0
56.0																12.1	49.9	11 500	29.3	57.3	10 400	56.0
58.0																			21.0	53.0	9 900	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.6	83.7	46 800*b																			15.2
16.0	74.3	83.5	45 600*b																			16.0
18.0	71.0	82.8	42 600*																			18.0
20.0	67.6	82.0	39 900*																			20.0
22.0	64.2	81.1	37 500*																			22.0
24.0	60.6	80.0	35 300*	67.5	81.5	39 600*																24.0
26.0	57.0	78.8	33 300*	64.1	80.6	37 300*																26.0
28.0	53.1	77.4	31 200*	60.5	79.5	35 200*	64.7	80.3	36 300													28.0
30.0	49.0	75.7	28 000*	56.8	78.3	33 200*	61.1	79.2	33 300													30.0
32.0	44.7	73.8	25 400*	53.0	76.8	31 000*	57.5	78.0	30 600													32.0
34.0	40.0	71.6	23 200*	48.9	75.2	27 900*	53.6	76.6	28 400	60.8	78.1	26 300										34.0
36.0	34.8	68.9	21 000*	44.6	73.2	25 300*	49.6	75.0	26 300	57.1	76.9	24 500										36.0
38.0	28.7	65.6	18 900*	39.8	71.0	23 100*	45.3	73.1	24 600	53.3	75.4	22 800										38.0
40.0	21.1	61.1	17 100*	34.6	68.3	21 200*	40.7	70.9	23 000	49.2	73.8	21 300	56.6	75.3	19 700							40.0
42.0				28.5	65.0	19 500*	35.5	68.3	21 500*	44.9	71.9	20 000	52.7	73.9	18 400							42.0
44.0				20.8	60.5	18 000*	29.6	65.1	19 800*	40.2	69.7	18 800	48.7	72.2	17 300							44.0
46.0							22.2	60.9	18 300*	35.0	67.0	17 700	44.3	70.2	16 300	51.9	71.8	14 900				46.0
48.0										29.0	63.7	16 700	39.5	68.0	15 400	47.8	70.1	14 100				48.0
50.0										21.5	59.4	15 800	34.2	65.2	14 500	43.3	68.1	13 300				50.0
52.0													28.1	61.9	13 700	38.5	65.8	12 500	46.5	67.6	11 400	52.0
54.0													20.2	57.3	13 000	33.1	62.9	11 900	42.0	65.5	10 800	54.0
56.0																26.6	59.3	11 200	37.0	63.0	10 200	56.0
58.0																18.2	54.3	10 600	31.3	60.0	9 700	58.0
60.0																			24.5	56.1	9 200	60.0
62.0																			14.9	50.3	8 700	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.3	86.4	43 100*																			16.8
18.0	72.5	86.0	41 400*																			18.0
20.0	69.5	85.3	38 900*																			20.0
22.0	66.3	84.5	36 500*																			22.0
24.0	63.1	83.5	34 400*																			24.0
26.0	59.8	82.4	32 500*	66.2	84.0	36 400*																26.0
28.0	56.4	81.1	30 600*	63.0	83.0	34 400*	66.7	83.6	36 200													28.0
30.0	52.8	79.7	28 000*	59.7	81.9	32 500*	63.5	82.7	33 100													30.0
32.0	49.0	78.0	25 400*	56.3	80.6	30 800*	60.2	81.6	30 500													32.0
34.0	45.0	76.1	23 100*	52.7	79.1	27 900*	56.8	80.4	28 200													34.0
36.0	40.7	73.9	21 100*	48.9	77.5	25 300*	53.3	78.9	26 200	60.0	80.5	24 400										36.0
38.0	36.0	71.3	19 100*	44.9	75.6	23 100*	49.6	77.3	24 500	56.5	79.2	22 700										38.0
40.0	30.7	68.2	17 300*	40.6	73.4	21 200*	45.6	75.4	22 900	53.0	77.8	21 200										40.0
42.0	24.3	64.3	15 700*	35.9	70.8	19 500*	41.3	73.3	21 400*	49.2	76.1	19 900	56.0	77.6	18 400							42.0
44.0	15.6	58.6	14 400*	30.5	67.6	18 000*	36.7	70.8	19 800*	45.2	74.2	18 700	52.5	76.2	17 200							44.0
46.0				24.1	63.7	16 700*	31.5	67.7	18 300*	41.0	72.0	17 600	48.7	74.5	16 200							46.0
48.0				15.2	57.9	15 500*	25.2	63.9	16 900*	36.3	69.5	16 600	44.7	72.6	15 300							48.0
50.0							17.0	58.6	15 700*	31.0	66.4	15 700	40.3	70.3	14 400	47.9	72.4	13 200				50.0
52.0										24.6	62.5	14 900	35.6	67.7	13 700	43.8	70.4	12 500				52.0
54.0										16.1	57.0	14 100	30.2	64.6	12 900	39.4	68.1	11 800				54.0
56.0													23.6	60.5	12 300	34.5	65.4	11 200	42.6	67.8	10 100	56.0
58.0																28.9	62.1	10 600	38.1	65.4	9 600	58.0
60.0																22.1	57.8	10 000	33.0	62.6	9 100	60.0
62.0																11.8	51.0	9 500	27.1	59.0	8 600	62.0
64.0																			19.7	54.3	8 200	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.5	89.6	41 600*																			16.8
18.0	73.8	89.2	40 000*																			18.0
20.0	71.0	88.6	37 700*																			20.0
22.0	68.1	87.8	35 500*																			22.0
24.0	65.2	86.9	33 500*																			24.0
26.0	62.2	85.9	31 700*	68.0	87.3	35 300*																26.0
28.0	59.1	84.8	30 000*	65.1	86.4	33 400*																28.0
30.0	55.9	83.5	27 900*	62.1	85.4	31 700*	65.6	86.1	32 900													30.0
32.0	52.5	82.0	25 100*	59.0	84.2	30 000*	62.6	85.1	30 300													32.0
34.0	49.0	80.3	22 900*	55.8	82.9	27 700*	59.5	84.0	28 000													34.0
36.0	45.3	78.4	21 000*	52.4	81.4	25 100*	56.3	82.7	26 000													36.0
38.0	41.4	76.3	19 200*	48.9	79.8	22 900*	53.0	81.2	24 300	59.2	82.8	22 400										38.0
40.0	37.1	73.8	17 500*	45.2	77.9	20 900*	49.5	79.6	22 700	56.0	81.5	21 000										40.0
42.0	32.3	70.8	15 900*	41.3	75.7	19 300*	45.8	77.7	21 200*	52.7	80.1	19 700										42.0
44.0	26.8	67.2	14 500*	36.9	73.2	17 800*	41.9	75.6	19 500*	49.2	78.4	18 500	55.6	80.0	17 000							44.0
46.0	19.8	62.5	13 200*	32.1	70.2	16 500*	37.7	73.2	18 000*	45.5	76.5	17 400	52.2	78.5	16 000							46.0
48.0				26.6	66.6	15 300*	33.0	70.3	16 700*	41.6	74.4	16 400	48.7	76.8	15 000							48.0
50.0				19.6	61.8	14 200*	27.6	66.8	15 500*	37.3	71.9	15 500	45.0	74.9	14 200							50.0
52.0							20.9	62.3	14 400*	32.6	69.0	14 700	41.0	72.7	13 400	48.0	74.7	12 200				52.0
54.0										27.1	65.4	13 900	36.7	70.2	12 700	44.2	72.8	11 500				54.0
56.0										20.2	60.7	13 100	31.8	67.2	12 100	40.2	70.5	10 900				56.0
58.0													26.2	63.5	11 400	35.7	67.9	10 400	43.1	70.2	9 300	58.0
60.0													19.1	58.6	10 800	30.8	64.8	9 800	38.9	67.8	8 800	60.0
62.0																24.9	60.9	9 300	34.4	65.1	8 300	62.0
64.0																17.3	55.6	8 800	29.2	61.8	7 900	64.0
66.0																			23.0	57.6	7 500	66.0
68.0																			14.3	51.5	7 100	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.5	92.3	38 000*																			18.3
20.0	72.3	91.8	36 200*																			20.0
22.0	69.6	91.1	34 200*																			22.0
24.0	66.9	90.3	32 300*																			24.0
26.0	64.2	89.3	30 600*	69.6	90.6	33 900*																26.0
28.0	61.3	88.3	29 000*	66.8	89.7	32 200*																28.0
30.0	58.4	87.1	27 600*	64.1	88.8	30 600*																30.0
32.0	55.4	85.8	25 600*	61.2	87.8	29 100*	64.5	88.5	30 100													32.0
34.0	52.3	84.3	23 200*	58.3	86.6	27 600*	61.7	87.5	27 800													34.0
36.0	49.0	82.6	21 300*	55.3	85.2	25 600*	58.8	86.3	25 800													36.0
38.0	45.6	80.7	19 500*	52.2	83.7	23 200*	55.8	85.0	24 100													38.0
40.0	41.9	78.6	17 700*	48.9	82.1	21 200*	52.7	83.5	22 500	58.6	85.2	20 700										40.0
42.0	38.0	76.2	16 100*	45.5	80.2	19 500*	49.5	81.9	21 100	55.6	83.8	19 500										42.0
44.0	33.7	73.4	14 700*	41.8	78.0	18 000*	46.1	80.1	19 800*	52.4	82.4	18 300										44.0
46.0	28.7	70.0	13 500*	37.9	75.6	16 600*	42.4	78.0	18 200*	49.2	80.7	17 200	55.1	82.3	15 700							46.0
48.0	22.9	65.8	12 300*	33.5	72.8	15 500*	38.5	75.6	16 900*	45.8	78.8	16 200	52.0	80.8	14 800							48.0
50.0	14.9	59.8	11 400*	28.6	69.4	14 400*	34.3	72.8	15 700*	42.1	76.7	15 300	48.7	79.1	13 900							50.0
52.0				22.7	65.1	13 400*	29.4	69.5	14 500*	38.2	74.3	14 500	45.3	77.2	13 200	51.3	78.8	12 000				52.0
54.0				14.6	59.0	12 400*	23.8	65.5	13 600*	33.9	71.5	13 700	41.6	75.0	12 500	48.0	77.0	11 300				54.0
56.0							16.2	59.8	12 600*	29.0	68.2	13 000	37.6	72.6	11 800	44.5	75.1	10 700				56.0
58.0										23.2	64.0	12 300	33.2	69.7	11 200	40.8	72.9	10 100	47.0	74.5	9 100	58.0
60.0										15.4	58.1	11 700	28.3	66.3	10 600	36.8	70.3	9 600	43.5	72.5	8 600	60.0
62.0													22.3	62.0	10 100	32.3	67.4	9 100	39.7	70.2	8 100	62.0
64.0													14.0	55.7	9 600	27.1	63.8	8 600	35.5	67.5	7 700	64.0
66.0																20.8	59.2	8 200	30.9	64.4	7 300	66.0
68.0																11.6	52.1	7 800	25.5	60.6	6 900	68.0
70.0																18.7	55.6	6 500	18.7	55.6	6 500	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.5	95.5	35 900*																			18.3
20.0	73.4	95.0	34 400*																			20.0
22.0	71.0	94.3	33 100*																			22.0
24.0	68.5	93.6	31 400*																			24.0
26.0	65.9	92.7	29 700*	70.9	93.8	32 800*																26.0
28.0	63.3	91.7	28 300*	68.4	93.1	31 200*																28.0
30.0	60.6	90.7	26 900*	65.8	92.2	29 700*																30.0
32.0	57.9	89.4	25 300*	63.2	91.2	28 300*																32.0
34.0	55.0	88.1	23 000*	60.5	90.1	26 900*	63.6	90.9	27 600													34.0
36.0	52.1	86.6	21 100*	57.8	88.9	25 300*	61.0	89.9	25 600													36.0
38.0	49.0	84.9	19 300*	54.9	87.6	23 000*	58.2	88.7	23 800													38.0
40.0	45.8	83.1	17 700*	52.0	86.0	21 000*	55.4	87.3	22 300	60.7	88.7	20 500										40.0
42.0	42.4	81.0	16 200*	48.9	84.4	19 300*	52.5	85.8	20 900	58.0	87.5	19 200										42.0
44.0	38.8	78.6	14 800*	45.7	82.5	17 800*	49.4	84.2	19 500*	55.2	86.2	18 000										44.0
46.0	34.8	75.9	13 600*	42.3	80.4	16 400*	46.3	82.4	18 000*	52.2	84.7	16 900	57.6	86.0	15 500							46.0
48.0	30.4	72.7	12 500*	38.6	78.0	15 200*	42.9	80.3	16 600*	49.2	83.0	16 000	54.8	84.6	14 500							48.0
50.0	25.3	68.8	11 500*	34.7	75.3	14 100*	39.3	78.0	15 400*	46.0	81.1	15 000	51.8	83.1	13 700							50.0
52.0	18.9	63.8	10 600*	30.2	72.1	13 200*	35.3	75.3	14 300*	42.6	79.1	14 300	48.7	81.4	12 900							52.0
54.0				25.1	68.2	12 300*	31.0	72.2	13 300*	38.9	76.7	13 500	45.5	79.5	12 200	51.2	81.1	11 000				54.0
56.0				18.6	63.1	11 400*	26.0	68.4	12 400*	35.0	74.0	12 800	42.1	77.4	11 600	48.1	79.3	10 400				56.0
58.0							19.8	63.6	11 600*	30.6	70.8	12 100	38.4	75.0	11 000	44.8	77.4	9 900				58.0
60.0										25.5	67.0	11 500	34.4	72.2	10 400	41.4	75.2	9 300				60.0
62.0										19.2	62.0	10 900	29.9	69.0	9 900	37.6	72.8	8 900	43.9	74.8	7 900	62.0
64.0										9.4	53.9	10 300	24.7	65.0	9 400	33.5	69.9	8 400	40.3	72.6	7 400	64.0
66.0													18.2	59.8	8 900	28.9	66.6	8 000	36.5	70.0	7 000	66.0
68.0																23.5	62.4	7 600	32.3	67.0	6 700	68.0
70.0																16.5	56.8	7 100	27.5	63.5	6 300	70.0
72.0																			21.8	59.0	6 000	72.0
74.0																			13.9	52.6	5 600	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	74.7	98.2	32 600*																			19.8
20.0	74.4	98.2	32 500*																			20.0
22.0	72.1	97.6	31 100*																			22.0
24.0	69.8	96.8	30 200*																			24.0
26.0	67.4	96.0	28 900*																			26.0
28.0	65.0	95.1	27 500*	69.7	96.3	29 700*																28.0
30.0	62.5	94.1	26 200*	67.3	95.5	28 700*																30.0
32.0	60.0	93.0	24 700*	64.9	94.6	27 600*																32.0
34.0	57.4	91.8	22 800*	62.4	93.6	26 300*	65.3	94.3	27 500													34.0
36.0	54.7	90.4	20 900*	59.9	92.5	24 900*	62.8	93.3	25 500													36.0
38.0	51.9	88.9	19 200*	57.3	91.2	22 900*	60.3	92.2	23 700													38.0
40.0	49.0	87.2	17 700*	54.6	89.9	20 900*	57.7	91.0	22 100													40.0
42.0	46.0	85.4	16 300*	51.8	88.3	19 200*	55.0	89.6	20 700	60.1	91.1	19 100										42.0
44.0	42.8	83.3	14 900*	48.9	86.7	17 600*	52.3	88.2	19 400*	57.5	89.8	17 900										44.0
46.0	39.4	81.0	13 700*	45.9	84.8	16 300*	49.4	86.5	17 900*	54.8	88.5	16 800										46.0
48.0	35.8	78.3	12 600*	42.7	82.7	15 100*	46.4	84.7	16 500*	52.0	87.0	15 800										48.0
50.0	31.7	75.3	11 600*	39.3	80.4	14 000*	43.3	82.6	15 300*	49.2	85.3	14 900	54.4	86.9	13 600							50.0
52.0	27.2	71.7	10 700*	35.6	77.7	13 000*	39.9	80.3	14 200*	46.2	83.5	14 100	51.7	85.4	12 800							52.0
54.0	21.7	67.2	9 900*	31.6	74.7	12 100*	36.3	77.7	13 200*	43.0	81.4	13 400	48.8	83.7	12 100							54.0
56.0	14.4	60.9	9 200*	27.0	71.0	11 300*	32.3	74.8	12 300*	39.6	79.1	12 700	45.7	81.8	11 500	51.1	83.4	10 300				56.0
58.0				21.5	66.5	10 600*	27.8	71.2	11 400*	35.9	76.5	12 000	42.5	79.7	10 900	48.1	81.6	9 800				58.0
60.0				14.1	60.1	9 800*	22.5	66.9	10 700*	31.9	73.4	11 400	39.1	77.4	10 300	45.1	79.7	9 200				60.0
62.0							15.6	61.0	10 000*	27.4	69.9	10 800	35.4	74.7	9 800	41.8	77.6	8 700				62.0
64.0										22.0	65.4	10 300	31.3	71.6	9 300	38.4	75.2	8 300	44.2	77.1	7 300	64.0
66.0										14.9	59.3	9 800	26.7	67.9	8 800	34.6	72.4	7 800	40.9	74.9	6 900	66.0
68.0													21.2	63.3	8 400	30.4	69.2	7 400	37.3	72.4	6 500	68.0
70.0													13.6	56.8	8 000	25.7	65.4	7 000	33.5	69.5	6 200	70.0
72.0																19.9	60.5	6 700	29.2	66.2	5 900	72.0
74.0																11.4	53.2	6 300	24.2	62.1	5 500	74.0
76.0																			17.9	56.8	5 200	76.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

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WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.5	101.4	30 200*																			19.8
20.0	75.3	101.3	30 200*																			20.0
22.0	73.2	100.8	29 600*																			22.0
24.0	71.0	100.1	27 100*																			24.0
26.0	68.7	99.3	27 700*																			26.0
28.0	66.5	98.5	26 700*																			28.0
30.0	64.1	97.6	25 400*	68.6	98.8	26 900*																30.0
32.0	61.8	96.5	23 900*	66.4	98.0	26 000*																32.0
34.0	59.4	95.4	22 200*	64.1	97.0	25 600*	66.8	97.7	26 700*													34.0
36.0	56.9	94.1	20 600*	61.7	96.0	24 400*	64.5	96.7	25 300													36.0
38.0	54.4	92.7	18 900*	59.3	94.8	22 600*	62.1	95.7	23 500													38.0
40.0	51.7	91.2	17 400*	56.8	93.6	20 600*	59.7	94.6	21 900													40.0
42.0	49.0	89.5	16 100*	54.3	92.2	18 900*	57.3	93.3	20 500	61.9	94.6	18 800										42.0
44.0	46.2	87.7	14 800*	51.7	90.7	17 400*	54.7	92.0	19 200*	59.5	93.4	17 600										44.0
46.0	43.2	85.6	13 700*	48.9	89.0	16 100*	52.1	90.5	17 700*	57.0	92.2	16 600										46.0
48.0	40.0	83.3	12 700*	46.1	87.1	14 800*	49.4	88.8	16 300*	54.5	90.8	15 600										48.0
50.0	36.6	80.8	11 700*	43.1	85.0	13 800*	46.6	87.0	15 000*	51.9	89.3	14 700										50.0
52.0	32.9	77.8	10 800*	39.9	82.8	12 800*	43.6	84.9	13 900*	49.2	87.6	13 900	54.1	89.2	12 600							52.0
54.0	28.8	74.4	10 000*	36.5	80.2	11 900*	40.4	82.7	12 900*	46.3	85.8	13 100	51.5	87.7	11 900							54.0
56.0	24.0	70.3	9 200*	32.8	77.2	11 100*	37.1	80.2	12 100*	43.3	83.7	12 500	48.8	86.0	11 200							56.0
58.0	18.1	65.0	8 600*	28.6	73.8	10 400*	33.4	77.3	11 200*	40.2	81.4	11 800	45.9	84.1	10 600	51.0	85.7	9 500				58.0
60.0				23.8	69.7	9 600*	29.4	74.0	10 400*	36.8	78.9	11 200	42.9	82.0	10 000	48.2	83.9	9 000				60.0
62.0				17.9	64.3	9 000*	24.7	70.0	9 800*	33.1	76.0	10 600	39.7	79.7	9 500	45.3	82.0	8 500				62.0
64.0				8.3	55.4	8 100*	19.0	64.9	9 100*	29.0	72.6	10 100	36.3	77.1	9 100	42.3	79.9	8 000				64.0
66.0										24.3	68.5	9 600	32.6	74.2	8 600	39.0	77.5	7 600	44.4	79.4	6 700	66.0
68.0										18.4	63.3	9 100*	28.4	70.7	8 100	35.5	74.9	7 200	41.4	77.3	6 300	68.0
70.0										9.5	55.0	8 500*	23.5	66.5	7 700	31.7	71.8	6 800	38.1	74.8	6 000	70.0
72.0													17.5	61.1	7 400	27.4	68.2	6 500	34.5	72.0	5 600	72.0
74.0																22.4	63.9	6 100	30.6	68.9	5 300	74.0
76.0																15.9	58.0	5 800	26.1	65.1	5 000	76.0
78.0																			20.8	60.4	4 700	78.0
80.0																			13.5	53.7	4 400	80.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	74.8	104.1	27 100*																			21.3
22.0	74.1	103.9	27 000*																			22.0
24.0	72.0	103.3	26 700*																			24.0
26.0	69.9	102.6	26 300*																			26.0
28.0	67.8	101.8	25 400*																			28.0
30.0	65.6	100.9	24 200*	69.8	102.1	25 600*																30.0
32.0	63.4	100.0	22 800*	67.7	101.3	24 900*																32.0
34.0	61.2	98.9	21 400*	65.5	100.4	24 200*																34.0
36.0	58.9	97.7	20 100*	63.3	99.4	23 600*	65.9	100.1	24 800													36.0
38.0	56.5	96.4	18 700*	61.1	98.4	22 400*	63.7	99.1	23 300													38.0
40.0	54.1	95.0	17 200*	58.8	97.2	20 400*	61.5	98.1	21 700													40.0
42.0	51.6	93.5	15 900*	56.4	95.9	18 700*	59.2	96.9	20 300													42.0
44.0	49.0	91.8	14 600*	54.0	94.5	17 200*	56.8	95.7	19 000*	61.3	97.0	17 400										44.0
46.0	46.3	90.0	13 500*	51.5	93.0	15 800*	54.4	94.3	17 400*	59.0	95.8	16 400										46.0
48.0	43.5	87.9	12 600*	48.9	91.3	14 600*	51.9	92.8	16 000*	56.6	94.5	15 400										48.0
50.0	40.5	85.7	11 700*	46.2	89.4	13 500*	49.4	91.1	14 800*	54.2	93.1	14 500										50.0
52.0	37.3	83.2	10 900*	43.4	87.4	12 600*	46.7	89.3	13 700*	51.7	91.6	13 700	56.3	93.0	12 400							52.0
54.0	33.9	80.4	10 100*	40.4	85.1	11 700*	43.9	87.3	12 700*	49.1	89.9	13 000	53.9	91.5	11 700							54.0
56.0	30.1	77.1	9 300*	37.2	82.6	10 800*	40.9	85.0	11 800*	46.5	88.1	12 200	51.4	90.0	11 000							56.0
58.0	25.9	73.3	8 700*	33.8	79.8	10 100*	37.8	82.6	11 000*	43.6	86.0	11 600	48.8	88.3	10 400							58.0
60.0	20.8	68.6	8 100*	30.0	76.5	9 400*	34.4	79.8	10 200*	40.7	83.8	11 000	46.1	86.4	9 900	50.8	88.0	8 800				60.0
62.0	14.0	62.0	7 400*	25.7	72.6	8 800*	30.7	76.6	9 500*	37.5	81.3	10 400	43.2	84.4	9 300	48.2	86.2	8 300				62.0
64.0				20.6	67.9	8 200*	26.5	72.9	8 900*	34.1	78.5	9 900	40.2	82.1	8 800	45.5	84.3	7 800				64.0
66.0				13.8	61.3	7 600*	21.6	68.3	8 300*	30.3	75.3	9 400	37.1	79.6	8 400	42.6	82.2	7 400				66.0
68.0							15.1	62.1	7 700*	26.1	71.5	8 900*	33.6	76.7	8 000	39.6	79.9	7 000	44.7	81.8	6 100	68.0
70.0										21.1	66.8	8 300*	29.8	73.4	7 500	36.4	77.3	6 600	41.8	79.6	5 700	70.0
72.0										14.4	60.4	7 700*	25.5	69.5	7 200	32.8	74.4	6 300	38.7	77.2	5 400	72.0
74.0													20.3	64.7	6 800	28.9	71.0	5 900	35.4	74.5	5 100	74.0
76.0													13.3	57.9	6 400	24.5	66.9	5 600	31.8	71.5	4 800	76.0
78.0																19.1	61.8	5 300	27.7	67.9	4 500	78.0
80.0																11.3	54.2	5 000	23.1	63.6	4 300	80.0
82.0																			17.2	58.0	4 000	82.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

44.2m (145 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.6	107.3	24 400*																			21.3
22.0	74.9	107.1	24 200*																			22.0
24.0	72.9	106.5	23 800*																			24.0
26.0	70.9	105.9	23 600*																			26.0
28.0	68.9	105.1	23 500*																			28.0
30.0	66.9	104.3	22 900*																			30.0
32.0	64.8	103.4	21 800*	68.9	104.6	23 000*																32.0
34.0	62.7	102.4	20 600*	66.8	103.8	22 500*																34.0
36.0	60.6	101.3	19 400*	64.8	102.8	21 900*																36.0
38.0	58.4	100.1	18 200*	62.7	101.8	20 900*	65.1	102.5	22 200*													38.0
40.0	56.2	98.8	17 100*	60.5	100.7	19 700*	63.0	101.5	21 000*													40.0
42.0	53.9	97.4	15 800*	58.3	99.5	18 500*	60.9	100.5	19 800*													42.0
44.0	51.5	95.8	14 600*	56.1	98.2	17 200*	58.7	99.3	18 700*													44.0
46.0	49.0	94.1	13 500*	53.8	96.8	15 800*	56.5	98.0	17 400*	60.7	99.3	16 100										46.0
48.0	46.5	92.3	12 500*	51.4	95.3	14 500*	54.2	96.6	16 000*	58.5	98.1	15 100										48.0
50.0	43.8	90.3	11 600*	48.9	93.6	13 400*	51.8	95.1	14 700*	56.3	96.8	14 300										50.0
52.0	41.0	88.0	10 700*	46.4	91.7	12 400*	49.4	93.4	13 600*	54.0	95.4	13 400										52.0
54.0	38.0	85.6	10 000*	43.7	89.7	11 500*	46.8	91.6	12 600*	51.6	93.9	12 700	56.0	95.3	11 400							54.0
56.0	34.8	82.8	9 300*	40.9	87.5	10 700*	44.2	89.6	11 700*	49.1	92.2	12 000	53.6	93.8	10 800							56.0
58.0	31.3	79.7	8 600*	37.9	85.0	9 900*	41.4	87.4	10 800*	46.6	90.4	11 400	51.3	92.3	10 200							58.0
60.0	27.5	76.1	8 000*	34.7	82.2	9 200*	38.4	85.0	10 100*	43.9	88.4	10 800	48.8	90.6	9 600							60.0
62.0	23.0	71.8	7 500*	31.2	79.1	8 600*	35.3	82.3	9 400*	41.1	86.2	10 200	46.2	88.7	9 100	50.8	90.3	8 000				62.0
64.0	17.4	66.3	7 000*	27.3	75.5	8 000*	31.8	79.2	8 700*	38.2	83.7	9 700	43.5	86.7	8 600	48.3	88.5	7 600				64.0
66.0				22.8	71.1	7 500*	28.0	75.7	8 100*	35.0	81.0	9 200	40.7	84.5	8 100	45.7	86.6	7 200				66.0
68.0				17.2	65.5	7 000*	23.6	71.5	7 600*	31.5	77.9	8 700*	37.7	82.0	7 700	43.0	84.6	6 800				68.0
70.0				8.5	56.5	6 300*	18.3	66.1	7 100*	27.7	74.3	8 100*	34.5	79.2	7 300	40.1	82.3	6 400	44.9	84.1	5 500	70.0
72.0										23.2	70.0	7 500*	31.0	76.0	7 000	37.1	79.7	6 000	42.2	81.9	5 200	72.0
74.0										17.7	64.6	7 000*	27.1	72.4	6 600	33.8	76.9	5 700	39.3	79.6	4 900	74.0
76.0										9.6	56.1	6 500*	22.5	68.0	6 200	30.2	73.6	5 400	36.2	77.0	4 600	76.0
78.0													16.8	62.3	5 900	26.2	69.9	5 100	32.8	74.0	4 300	78.0
80.0																21.5	65.3	4 800	29.1	70.6	4 000	80.0
82.0																15.4	59.1	4 500	24.9	66.6	3 700	82.0
84.0																			19.9	61.7	3 500	84.0
86.0																			13.2	54.8	3 300	86.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	70.9	77.2	50 600*b																			15.2
16.0	69.1	76.9	49 200*b																			16.0
18.0	64.5	76.0	45 800*b																			18.0
20.0	59.7	74.9	42 700*	69.5	76.4	49 000*b																20.0
22.0	54.7	73.6	40 000*	65.0	75.6	45 700*b																22.0
24.0	49.3	72.0	37 700*	60.2	74.5	42 800*																24.0
26.0	43.5	70.0	34 500*	55.2	73.2	40 200*	61.4	74.3	40 200													26.0
28.0	36.9	67.6	30 800*	49.9	71.6	37 800*	56.5	73.1	36 600													28.0
30.0	29.1	64.4	27 800*	44.1	69.7	34 900*	51.3	71.5	33 600													30.0
32.0	18.3	59.6	25 000*	37.6	67.3	31 200*	45.6	69.7	31 000	56.7	72.0	28 800										32.0
34.0				29.9	64.2	28 100*	39.3	67.5	28 700	51.5	70.5	26 600										34.0
36.0				19.6	59.7	25 500*	32.0	64.6	26 700	45.8	68.7	24 800										36.0
38.0							22.6	60.6	24 900	39.6	66.5	23 100	51.4	69.1	21 300							38.0
40.0										32.3	63.6	21 600	45.8	67.2	19 900							40.0
42.0										23.1	59.7	20 300	39.5	65.0	18 700							42.0
44.0													32.2	62.1	17 600	45.3	65.3	16 100				44.0
46.0													22.9	58.2	16 500	39.0	63.0	15 200				46.0
48.0																31.6	60.1	14 300	44.3	62.8	13 000	48.0
50.0																22.0	56.0	13 500	37.8	60.4	12 300	50.0
52.0																			30.2	57.4	11 600	52.0
54.0																			20.0	52.9	11 000	54.0

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THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	72.8	80.4	49 100*b																			15.2
16.0	71.3	80.1	47 800*b																			16.0
18.0	67.2	79.4	44 400*b																			18.0
20.0	63.0	78.4	41 600*																			20.0
22.0	58.7	77.2	38 900*	67.6	78.9	44 400*b																22.0
24.0	54.2	75.9	36 600*	63.5	78.0	41 600*				63.5	78.0	41 600*										24.0
26.0	49.3	74.3	34 500*	59.1	76.9	39 100*	64.5	77.7	40 000													26.0
28.0	44.1	72.3	30 700*	54.6	75.5	36 800*	60.2	76.7	36 400													28.0
30.0	38.3	70.0	27 700*	49.8	73.9	34 500*	55.8	75.4	33 300													30.0
32.0	31.6	67.0	25 200*	44.6	72.0	31 100*	51.0	73.8	30 800													32.0
34.0	23.2	63.1	22 400*	38.9	69.7	28 000*	45.9	72.0	28 500	56.0	74.3	26 400										34.0
36.0				32.3	66.8	25 400*	40.4	69.8	26 500	51.2	72.8	24 500										36.0
38.0				24.2	63.0	23 200*	34.0	67.1	24 700	46.2	71.0	22 800										38.0
40.0							26.4	63.6	23 200	40.6	68.8	21 400	51.2	71.4	19 700							40.0
42.0							15.5	58.2	21 600*	34.3	66.2	20 100	46.1	69.5	18 400							42.0
44.0										26.8	62.7	18 800	40.6	67.4	17 300							44.0
46.0													34.3	64.7	16 300	45.7	67.6	14 900				46.0
48.0													26.7	61.2	15 400	40.1	65.4	14 000				48.0
50.0													16.0	55.8	14 500	33.7	62.6	13 200	44.8	65.1	12 000	50.0
52.0																25.9	59.0	12 500	39.1	62.8	11 300	52.0
54.0																14.7	53.4	11 800	32.5	60.0	10 700	54.0
56.0																			24.4	56.2	10 100	56.0

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LIFTCRANE LUFFING JIB CAPACITIES

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THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.4	83.6	47 600*b																			15.2
16.0	73.0	83.4	46 400*b																			16.0
18.0	69.4	82.7	43 300*																			18.0
20.0	65.7	81.8	40 500*																			20.0
22.0	61.8	80.8	38 100*	69.8	82.2	43 300*b																22.0
24.0	57.9	79.6	35 800*	66.1	81.4	40 600*																24.0
26.0	53.7	78.2	33 800*	62.2	80.4	38 300*	67.0	81.1	39 700													26.0
28.0	49.3	76.6	31 600*	58.3	79.2	36 000*	63.2	80.1	36 100													28.0
30.0	44.5	74.6	28 300*	54.1	77.8	34 100*	59.3	79.0	33 200													30.0
32.0	39.4	72.4	25 300*	49.7	76.2	31 800*	55.2	77.7	30 600													32.0
34.0	33.5	69.6	22 600*	45.0	74.3	28 600*	50.8	76.2	28 300	59.4	78.0	26 200										34.0
36.0	26.5	66.0	20 300*	39.9	72.1	26 000*	46.2	74.3	26 300	55.3	76.7	24 300										36.0
38.0	17.1	60.9	18 400*	34.1	69.4	23 700*	41.2	72.2	24 500	51.0	75.1	22 700										38.0
40.0				27.3	65.9	21 700*	35.6	69.6	23 000	46.4	73.3	21 200	55.3	75.2	19 400							40.0
42.0				18.2	61.0	20 000*	29.1	66.4	21 500	41.5	71.2	19 900	51.0	73.7	18 200							42.0
44.0							20.8	62.0	20 300	35.9	68.6	18 700	46.4	71.9	17 100							44.0
46.0										29.4	65.4	17 600	41.4	69.7	16 100	50.6	71.7	14 600				46.0
48.0										21.3	61.1	16 600	35.8	67.2	15 200	46.0	69.9	13 800				48.0
50.0													29.4	63.9	14 300	41.0	67.7	13 000				50.0
52.0													21.1	59.6	13 500	35.3	65.1	12 300	45.2	67.4	11 100	52.0
54.0																28.8	61.8	11 600	40.1	65.2	10 500	54.0
56.0																20.3	57.3	11 000	34.3	62.5	9 900	56.0
58.0																			27.5	59.1	9 400	58.0
60.0																			18.5	54.2	8 900	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.8	86.8	46 000*																			15.2
16.0	74.5	86.5	44 800*																			16.0
18.0	71.2	85.9	42 000*																			18.0
20.0	67.8	85.1	39 400*																			20.0
22.0	64.4	84.2	37 000*																			22.0
24.0	60.8	83.2	34 900*	68.2	84.7	39 500*																24.0
26.0	57.2	81.9	33 000*	64.7	83.8	37 200*																26.0
28.0	53.3	80.5	31 000*	61.2	82.7	35 100*	65.6	83.5	36 000													28.0
30.0	49.3	78.9	28 200*	57.5	81.5	33 200*	62.1	82.5	32 900													30.0
32.0	44.9	77.0	25 400*	53.7	80.1	31 500*	58.4	81.4	30 300													32.0
34.0	40.3	74.7	22 800*	49.7	78.5	28 500*	54.7	80.0	28 100													34.0
36.0	35.0	72.1	20 400*	45.4	76.6	25 800*	50.7	78.5	26 100	58.6	80.3	24 000										36.0
38.0	29.0	68.8	18 400*	40.7	74.5	23 500*	46.5	76.6	24 300	54.8	79.0	22 400										38.0
40.0	21.5	64.5	16 700*	35.6	71.9	21 600*	41.9	74.5	22 800	50.9	77.4	20 900										40.0
42.0				29.7	68.7	19 800*	36.9	72.1	21 400	46.7	75.6	19 600	54.8	77.5	17 900							42.0
44.0				22.4	64.5	18 300*	31.2	69.0	20 100	42.1	73.5	18 400	50.8	76.0	16 800							44.0
46.0							24.4	65.1	18 700*	37.2	71.1	17 400	46.6	74.2	15 800							46.0
48.0							14.7	59.3	17 300*	31.5	68.1	16 400	42.1	72.1	14 900	50.5	74.0	13 500				48.0
50.0										24.7	64.2	15 500	37.1	69.6	14 100	46.2	72.2	12 700				50.0
52.0													31.4	66.6	13 300	41.7	70.1	12 000				52.0
54.0													24.6	62.7	12 600	36.6	67.6	11 400	45.5	69.8	10 200	54.0
56.0													15.1	57.0	11 900	30.9	64.5	10 800	40.9	67.6	9 600	56.0
58.0																24.0	60.6	10 200	35.7	65.0	9 100	58.0
60.0																14.0	54.5	9 600	29.9	61.8	8 600	60.0
62.0																			22.6	57.6	8 100	62.0
64.0																			11.5	50.9	7 700	64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.5	89.5	42 400*																			16.8
18.0	72.7	89.1	40 800*																			18.0
20.0	69.6	88.4	38 300*																			20.0
22.0	66.5	87.6	36 100*																			22.0
24.0	63.3	86.6	34 100*																			24.0
26.0	60.0	85.5	32 200*	66.8	87.2	36 200*																26.0
28.0	56.5	84.3	30 500*	63.6	86.2	34 300*																28.0
30.0	53.0	82.8	28 200*	60.3	85.1	32 500*	64.4	86.0	32 800													30.0
32.0	49.2	81.2	25 400*	56.9	83.9	30 800*	61.1	84.9	30 200													32.0
34.0	45.3	79.3	22 800*	53.3	82.4	28 500*	57.7	83.7	27 900													34.0
36.0	41.0	77.1	20 600*	49.6	80.8	25 700*	54.2	82.3	26 000	61.3	83.9	23 900										36.0
38.0	36.3	74.5	18 600*	45.7	79.0	23 500*	50.6	80.8	24 200	57.9	82.7	22 300										38.0
40.0	31.0	71.5	16 800*	41.4	76.8	21 500*	46.7	79.0	22 700	54.4	81.3	20 800										40.0
42.0	24.7	67.6	15 300*	36.8	74.3	19 800*	42.5	76.9	21 300	50.7	79.7	19 500										42.0
44.0	16.2	62.1	14 000*	31.6	71.3	18 300*	38.0	74.5	20 000	46.8	77.9	18 300	54.3	79.8	16 700							44.0
46.0				25.4	67.5	16 900*	32.9	71.6	18 600*	42.7	75.9	17 300	50.7	78.3	15 700							46.0
48.0				17.2	62.2	15 700*	27.0	68.1	17 200*	38.2	73.5	16 300	46.8	76.5	14 800							48.0
50.0							19.5	63.3	16 000*	33.1	70.6	15 400	42.6	74.4	14 000	50.4	76.3	12 600				50.0
52.0										27.3	67.1	14 600	38.1	72.0	13 300	46.5	74.5	12 000				52.0
54.0										19.9	62.4	13 800	33.1	69.2	12 500	42.3	72.4	11 300				54.0
56.0													27.2	65.6	11 900	37.7	70.0	10 700	41.5	69.9	9 000	56.0
58.0													19.8	60.9	11 300	32.6	67.1	10 100	36.9	67.4	8 500	58.0
60.0																26.7	63.5	9 600	31.7	64.4	8 100	60.0
62.0																19.1	58.6	9 100	25.6	60.7	7 700	62.0
64.0																3.3	48.0	8 600	17.5	55.5	7 200	64.0
66.0																						66.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.6	92.6	40 900*																			16.8
18.0	74.0	92.3	39 400*																			18.0
20.0	71.1	91.7	37 100*																			20.0
22.0	68.3	90.9	35 000*																			22.0
24.0	65.3	90.0	33 100*																			24.0
26.0	62.3	89.0	31 300*	68.6	90.5	35 200*																26.0
28.0	59.2	87.9	29 700*	65.6	89.6	33 300*																28.0
30.0	56.0	86.6	27 800*	62.6	88.6	31 600*	66.4	89.3	32 600													30.0
32.0	52.7	85.1	25 200*	59.5	87.5	30 000*	63.4	88.4	29 900													32.0
34.0	49.2	83.5	22 800*	56.4	86.2	28 300*	60.3	87.3	27 700													34.0
36.0	45.5	81.6	20 600*	53.0	84.8	25 500*	57.2	86.0	25 800													36.0
38.0	41.6	79.4	18 700*	49.6	83.1	23 200*	53.9	84.6	24 000	60.4	86.2	22 000										38.0
40.0	37.3	77.0	17 000*	45.9	81.3	21 300*	50.4	83.1	22 400	57.3	85.0	20 600										40.0
42.0	32.6	74.1	15 400*	42.0	79.2	19 600*	46.8	81.3	21 000	54.0	83.6	19 300										42.0
44.0	27.1	70.5	14 100*	37.8	76.7	18 100*	43.0	79.2	19 800	50.6	82.0	18 100										44.0
46.0	20.3	65.8	12 900*	33.1	73.8	16 700*	38.9	76.9	18 400*	47.0	80.2	17 000	54.0	82.1	15 500							46.0
48.0				27.7	70.4	15 500*	34.3	74.1	17 000*	43.2	78.2	16 100	50.6	80.6	14 600							48.0
50.0				21.0	65.8	14 400*	29.1	70.8	15 800*	39.0	75.9	15 200	47.0	78.8	13 800							50.0
52.0							22.8	66.6	14 700*	34.5	73.1	14 300	43.1	76.7	13 000	50.3	78.6	11 600				52.0
54.0							14.1	60.4	13 600*	29.3	69.9	13 600	39.0	74.4	12 300	46.6	76.8	11 000				54.0
56.0										23.2	65.7	12 900	34.4	71.7	11 600	42.8	74.8	10 400				56.0
58.0													29.3	68.4	11 000	38.6	72.4	9 900	46.0	74.4	8 700	58.0
60.0													23.1	64.2	10 500	34.0	69.6	9 300	42.1	72.3	8 300	60.0
62.0													14.5	58.1	9 900	28.8	66.3	8 900	37.9	69.8	7 800	62.0
64.0																22.5	62.0	8 400	33.2	67.0	7 400	64.0
66.0																13.5	55.7	8 000	27.8	63.5	7 000	66.0
68.0																			21.2	59.0	6 600	68.0
70.0																			11.3	51.9	6 300	70.0

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.7	95.4	37 400*																			18.3
20.0	72.4	94.9	35 600*																			20.0
22.0	69.8	94.2	33 700*																			22.0
24.0	67.1	93.4	31 900*																			24.0
26.0	64.3	92.4	30 300*	70.1	93.7	33 700*																26.0
28.0	61.5	91.4	28 700*	67.4	92.9	32 100*																28.0
30.0	58.6	90.2	27 200*	64.6	92.0	30 500*																30.0
32.0	55.6	88.9	25 000*	61.8	91.0	29 000*	65.3	91.8	29 800													32.0
34.0	52.5	87.4	22 800*	58.9	89.8	27 700*	62.5	90.8	27 500													34.0
36.0	49.2	85.8	20 700*	55.9	88.5	26 000*	59.6	89.6	25 500													36.0
38.0	45.8	83.9	18 900*	52.8	87.1	23 600*	56.6	88.4	23 800													38.0
40.0	42.1	81.8	17 200*	49.5	85.4	21 600*	53.6	86.9	22 200	59.7	88.6	20 300										40.0
42.0	38.2	79.4	15 700*	46.1	83.6	19 800*	50.3	85.4	20 800	56.8	87.3	19 100										42.0
44.0	33.9	76.6	14 300*	42.5	81.5	18 300*	47.0	83.6	19 600	53.7	85.9	17 900										44.0
46.0	29.0	73.2	13 100*	38.6	79.1	16 900*	43.4	81.5	18 400	50.5	84.3	16 800	56.7	85.9	15 200							46.0
48.0	23.2	69.1	12 000*	34.3	76.4	15 700*	39.6	79.2	17 300*	47.1	82.5	15 800	53.7	84.4	14 300							48.0
50.0	15.5	63.2	11 100*	29.5	73.1	14 600*	35.4	76.6	16 000*	43.6	80.5	15 000	50.5	82.9	13 500							50.0
52.0				23.9	69.0	13 600*	30.8	73.5	14 800*	39.8	78.3	14 200	47.1	81.1	12 800							52.0
54.0				16.4	63.4	12 700*	25.4	69.6	13 800*	35.6	75.6	13 400	43.5	79.1	12 100	50.2	80.9	10 800				54.0
56.0							18.5	64.6	12 900*	31.0	72.5	12 700	39.7	76.8	11 400	46.8	79.1	10 200				56.0
58.0										25.6	68.7	12 100	35.6	74.1	10 900	43.2	77.1	9 600				58.0
60.0										18.9	63.7	11 400	30.9	71.0	10 300	39.4	74.8	9 100	46.2	76.7	8 000	60.0
62.0													25.6	67.2	9 700	35.2	72.1	8 600	42.6	74.6	7 600	62.0
64.0													18.8	62.2	9 200	30.5	68.9	8 200	38.7	72.2	7 200	64.0
66.0																25.1	65.1	7 800	34.5	69.5	6 800	66.0
68.0																18.1	59.9	7 400	29.7	66.2	6 400	68.0
70.0																5.0	49.6	7 000	24.0	62.2	6 100	70.0
72.0																			16.6	56.7	5 700	72.0

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LIFTCRANE LUFFING JIB CAPACITIES

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THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.6	98.6	36 000*																			18.3
20.0	73.6	98.1	34 400*																			20.0
22.0	71.1	97.4	32 600*																			22.0
24.0	68.6	96.7	30 900*																			24.0
26.0	66.0	95.8	29 400*																			26.0
28.0	63.4	94.8	27 900*	68.8	96.2	31 100*																28.0
30.0	60.8	93.8	26 500*	66.3	95.4	29 600*																30.0
32.0	58.0	92.6	24 500*	63.7	94.4	28 200*																32.0
34.0	55.2	91.2	22 500*	61.0	93.4	26 900*	64.3	94.2	27 200													34.0
36.0	52.2	89.7	20 600*	58.3	92.2	25 500*	61.7	93.1	25 300													36.0
38.0	49.2	88.1	18 800*	55.5	90.8	23 400*	59.0	92.0	23 600													38.0
40.0	46.0	86.2	17 200*	52.5	89.4	21 400*	56.2	90.7	22 000	61.8	92.1	20 100										40.0
42.0	42.6	84.1	15 700*	49.5	87.7	19 600*	53.3	89.3	20 600	59.1	90.9	18 800										42.0
44.0	39.0	81.8	14 400*	46.3	85.9	18 000*	50.3	87.7	19 300	56.3	89.7	17 600										44.0
46.0	35.0	79.1	13 200*	42.9	83.8	16 600*	47.1	85.9	18 200	53.4	88.2	16 600										46.0
48.0	30.6	75.9	12 100*	39.3	81.5	15 400*	43.8	83.9	17 000*	50.4	86.6	15 600	56.3	88.2	14 100							48.0
50.0	25.5	72.1	11 100*	35.4	78.8	14 300*	40.2	81.6	15 700*	47.3	84.8	14 700	53.4	86.8	13 300							50.0
52.0	19.3	67.1	10 300*	31.1	75.7	13 300*	36.4	79.0	14 600*	43.9	82.9	13 900	50.4	85.2	12 500							52.0
54.0				26.1	72.0	12 400*	32.2	76.1	13 600*	40.4	80.6	13 200	47.2	83.4	11 800							54.0
56.0				20.0	67.2	11 600*	27.4	72.5	12 600*	36.6	78.1	12 500	43.9	81.4	11 200	50.1	83.2	9 900				56.0
58.0							21.6	68.0	11 800*	32.4	75.1	11 900	40.4	79.1	10 600	46.9	81.4	9 400				58.0
60.0							13.7	61.6	11 000*	27.6	71.6	11 300	36.5	76.6	10 000	43.6	79.4	8 900				60.0
62.0										21.9	67.1	10 700	32.3	73.6	9 500	40.1	77.1	8 400				62.0
64.0										14.1	60.8	10 100	27.6	70.1	9 000	36.2	74.6	7 900	43.0	76.9	6 900	64.0
66.0													21.8	65.6	8 600	32.0	71.5	7 500	39.4	74.6	6 500	66.0
68.0													14.0	59.3	8 100	27.1	68.0	7 200	35.5	72.0	6 200	68.0
70.0																21.3	63.4	6 800	31.2	68.9	5 800	70.0
72.0																13.1	56.8	6 400	26.2	65.1	5 500	72.0
74.0																			20.2	60.4	5 200	74.0
76.0																			11.2	53.0	4 900	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	74.8	101.3	32 000*																			19.8
20.0	74.6	101.3	31 900*																			20.0
22.0	72.3	100.6	30 900*																			22.0
24.0	69.9	99.9	30 100*																			24.0
26.0	67.5	99.1	28 600*																			26.0
28.0	65.1	98.2	27 200*	70.1	99.5	29 500*																28.0
30.0	62.6	97.2	25 700*	67.8	98.7	28 500*																30.0
32.0	60.1	96.1	23 900*	65.3	97.8	27 400*																32.0
34.0	57.5	94.9	22 000*	62.9	96.8	26 200*	65.9	97.6	27 100													34.0
36.0	54.8	93.5	20 300*	60.4	95.7	25 000*	63.5	96.6	25 200													36.0
38.0	52.1	92.0	18 700*	57.8	94.5	23 300*	61.0	95.5	23 400													38.0
40.0	49.2	90.4	17 100*	55.1	93.2	21 200*	58.4	94.3	21 900													40.0
42.0	46.2	88.5	15 700*	52.3	91.7	19 500*	55.8	93.0	20 500	61.1	94.5	18 700										42.0
44.0	43.0	86.5	14 400*	49.5	90.0	17 900*	53.0	91.6	19 200	58.5	93.3	17 500										44.0
46.0	39.6	84.1	13 300*	46.5	88.2	16 500*	50.2	90.0	18 100	55.9	92.0	16 500										46.0
48.0	36.0	81.5	12 200*	43.3	86.1	15 300*	47.2	88.2	16 900*	53.2	90.5	15 500										48.0
50.0	32.0	78.5	11 200*	40.0	83.9	14 200*	44.1	86.2	15 600*	50.3	88.9	14 600	55.8	90.5	13 100							50.0
52.0	27.4	74.9	10 400*	36.3	81.3	13 200*	40.8	84.0	14 500*	47.4	87.2	13 800	53.1	89.1	12 400							52.0
54.0	22.1	70.5	9 600*	32.4	78.3	12 300*	37.3	81.5	13 400*	44.3	85.2	13 000	50.3	87.5	11 700							54.0
56.0	14.9	64.4	8 900*	27.9	74.8	11 500*	33.4	78.6	12 500*	41.0	83.0	12 400	47.3	85.7	11 100							56.0
58.0				22.7	70.5	10 700*	29.1	75.2	11 700*	37.4	80.5	11 700	44.2	83.7	10 500	50.0	85.5	9 300				58.0
60.0				15.8	64.6	10 000*	24.1	71.2	10 900*	33.6	77.6	11 100	40.9	81.5	9 900	47.1	83.7	8 700				60.0
62.0							17.7	65.8	10 200*	29.3	74.3	10 600	37.4	79.0	9 400	43.9	81.7	8 300				62.0
64.0							7.0	56.3	9 300*	24.3	70.3	10 100	33.5	76.1	8 900	40.6	79.5	7 800				64.0
66.0										18.0	65.0	9 500	29.2	72.8	8 500	37.1	77.0	7 400	43.4	79.3	6 400	66.0
68.0													24.2	68.8	8 100	33.2	74.1	7 000	40.1	77.0	6 000	68.0
70.0													18.0	63.4	7 600	28.8	70.7	6 700	36.4	74.4	5 700	70.0
72.0																23.8	66.6	6 300	32.5	71.4	5 400	72.0
74.0																17.3	61.1	6 000	28.0	68.0	5 100	74.0
76.0																5.9	51.0	5 600	22.8	63.7	4 800	76.0
78.0																			16.0	57.8	4 500	78.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.7	104.5	29 100*																			19.8
20.0	75.4	104.4	29 000*																			20.0
22.0	73.3	103.8	28 600*																			22.0
24.0	71.1	103.2	28 000*																			24.0
26.0	68.8	102.4	27 500*																			26.0
28.0	66.6	101.6	26 000*																			28.0
30.0	64.3	100.7	24 600*	69.1	102.0	26 900*																30.0
32.0	61.9	99.6	23 000*	66.8	101.2	26 200*																32.0
34.0	59.5	98.5	21 400*	64.5	100.2	25 400*	67.4	100.9	26 600*													34.0
36.0	57.1	97.2	19 900*	62.2	99.2	24 300*	65.1	100.0	25 000													36.0
38.0	54.5	95.9	18 400*	59.8	98.1	23 000*	62.7	99.0	23 200													38.0
40.0	51.9	94.3	17 000*	57.3	96.8	21 000*	60.4	97.9	21 600													40.0
42.0	49.2	92.7	15 600*	54.8	95.5	19 200*	57.9	96.7	20 200													42.0
44.0	46.3	90.8	14 400*	52.2	94.0	17 600*	55.4	95.3	19 000	60.5	96.8	17 300										44.0
46.0	43.3	88.8	13 300*	49.4	92.3	16 300*	52.8	93.9	17 900	58.0	95.6	16 200										46.0
48.0	40.2	86.5	12 300*	46.6	90.5	15 100*	50.1	92.3	16 600*	55.5	94.3	15 300										48.0
50.0	36.8	84.0	11 300*	43.6	88.5	13 900*	47.3	90.5	15 400*	52.9	92.8	14 400										50.0
52.0	33.1	81.0	10 400*	40.5	86.2	13 000*	44.4	88.5	14 200*	50.2	91.2	13 600	55.5	92.8	12 100							52.0
54.0	29.0	77.7	9 700*	37.1	83.7	12 000*	41.3	86.3	13 200*	47.5	89.5	12 800	52.9	91.4	11 400							54.0
56.0	24.3	73.6	9 000*	33.5	80.8	11 200*	38.0	83.9	12 300*	44.5	87.5	12 100	50.2	89.8	10 800							56.0
58.0	18.4	68.4	8 300*	29.4	77.5	10 500*	34.4	81.1	11 400*	41.4	85.3	11 500	47.4	88.0	10 200	52.7	89.4	9 000				58.0
60.0				24.8	73.5	9 800*	30.5	77.9	10 700*	38.1	82.9	10 900	44.5	86.0	9 700	50.0	87.8	8 500				60.0
62.0				19.1	68.5	9 100*	26.0	74.1	9 900*	34.6	80.1	10 400	41.4	83.8	9 200	47.2	86.0	8 000				62.0
64.0				10.8	60.8	8 500*	20.7	69.4	9 300*	30.7	76.9	9 800	38.1	81.4	8 700	44.2	84.1	7 600				64.0
66.0							13.3	62.7	8 600*	26.2	73.2	9 400	34.5	78.6	8 200	41.1	81.9	7 200	46.7	83.6	6 100	66.0
68.0										20.9	68.5	8 900	30.6	75.5	7 800	37.8	79.4	6 800	43.7	81.6	5 800	68.0
70.0										13.7	61.9	8 500	26.2	71.7	7 400	34.2	76.6	6 400	40.6	79.3	5 500	70.0
72.0													20.8	67.0	7 000	30.3	73.4	6 100	37.2	76.8	5 200	72.0
74.0													13.6	60.4	6 700	25.8	69.6	5 700	33.6	74.0	4 900	74.0
76.0																20.3	64.8	5 400	29.6	70.7	4 600	76.0
78.0																12.8	57.9	5 100	24.9	66.7	4 300	78.0
80.0																			19.3	61.7	4 000	80.0
82.0																			11.1	54.1	3 700	82.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	74.9	107.2	26 100*																			21.3
22.0	74.2	107.0	26 000*																			22.0
24.0	72.1	106.4	25 700*																			24.0
26.0	70.0	105.7	25 400*																			26.0
28.0	67.9	104.9	24 600*																			28.0
30.0	65.7	104.0	23 400*																			30.0
32.0	63.5	103.1	22 200*	68.1	104.5	24 000*																32.0
34.0	61.3	102.0	20 800*	65.9	103.6	23 400*																34.0
36.0	59.0	100.8	19 500*	63.7	102.7	23 000*	66.5	103.3	24 400*													36.0
38.0	56.6	99.6	18 200*	61.5	101.6	22 300*	64.3	102.4	23 000													38.0
40.0	54.2	98.2	16 900*	59.2	100.4	21 200*	62.1	101.4	21 400													40.0
42.0	51.7	96.6	15 700*	56.9	99.2	19 200*	59.8	100.3	20 100													42.0
44.0	49.2	95.0	14 500*	54.5	97.8	17 600*	57.5	99.0	18 800													44.0
46.0	46.5	93.1	13 400*	52.0	96.3	16 300*	55.1	97.7	17 700	59.9	99.2	16 000										46.0
48.0	43.7	91.1	12 400*	49.4	94.6	15 000*	52.6	96.2	16 600	57.6	98.0	15 000										48.0
50.0	40.7	88.9	11 500*	46.7	92.8	13 900*	50.1	94.6	15 300*	55.2	96.6	14 200										50.0
52.0	37.5	86.4	10 600*	43.9	90.8	12 900*	47.4	92.8	14 100*	52.7	95.1	13 400	57.5	96.5	11 900							52.0
54.0	34.1	83.6	9 800*	41.0	88.6	11 900*	44.6	90.8	13 100*	50.2	93.5	12 600	55.2	95.2	11 200							54.0
56.0	30.4	80.3	9 100*	37.9	86.1	11 100*	41.7	88.7	12 200*	47.5	91.8	12 000	52.7	93.7	10 600							56.0
58.0	26.1	76.6	8 400*	34.5	83.3	10 300*	38.6	86.3	11 300*	44.8	89.8	11 300	50.1	92.1	10 000							58.0
60.0	21.1	71.9	7 900*	30.8	80.2	9 600*	35.3	83.6	10 500*	41.9	87.7	10 700	47.5	90.3	9 500							60.0
62.0	14.5	65.5	7 300*	26.6	76.4	9 000*	31.7	80.5	9 800*	38.8	85.3	10 200	44.7	88.3	9 000	49.9	90.1	7 800				62.0
64.0				21.7	71.9	8 400*	27.7	76.9	9 200*	35.5	82.6	9 700	41.8	86.2	8 500	47.3	88.3	7 400				64.0
66.0				15.3	65.8	7 800	23.0	72.6	8 500*	31.9	79.5	9 200	38.7	83.8	8 100	44.5	86.4	7 000				66.0
68.0							17.1	67.0	7 900*	27.8	76.0	8 700	35.4	81.1	7 600	41.6	84.2	6 600				68.0
70.0							7.4	57.5	7 300*	23.2	71.7	8 300	31.8	78.1	7 200	38.5	81.8	6 200	44.0	83.9	5 200	70.0
72.0										17.4	66.2	7 900	27.8	74.5	6 900	35.1	79.1	5 900	41.1	81.7	4 900	72.0
74.0													23.1	70.2	6 500	31.5	76.0	5 600	37.9	79.2	4 600	74.0
76.0													17.3	64.7	6 200	27.4	72.4	5 200	34.6	76.5	4 300	76.0
78.0																22.7	68.0	4 900	30.9	73.3	4 100	78.0
80.0																16.7	62.3	4 600	26.7	69.6	3 800	80.0
82.0																6.5	52.3	4 300	21.8	65.1	3 600	82.0
84.0																			15.5	59.0	3 300	84.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

47.2m (155 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.7	110.4	23 600*																			21.3
22.0	75.0	110.2	23 400*																			22.0
24.0	73.0	109.6	23 000*																			24.0
26.0	71.0	108.9	22 800*																			26.0
28.0	69.0	108.2	22 700*																			28.0
30.0	67.0	107.4	22 200*																			30.0
32.0	64.9	106.5	21 000*	69.2	107.8	22 800*																32.0
34.0	62.8	105.5	19 900*	67.2	106.9	22 600*																34.0
36.0	60.7	104.4	18 800*	65.2	106.0	22 100*																36.0
38.0	58.5	103.2	17 700*	63.1	105.1	21 100*	65.7	105.8	22 400*													38.0
40.0	56.3	101.9	16 500*	60.9	104.0	19 900*	63.6	104.8	21 300													40.0
42.0	54.0	100.5	15 400*	58.7	102.8	18 700*	61.5	103.8	19 800													42.0
44.0	51.6	98.9	14 300*	56.5	101.5	17 400*	59.3	102.6	18 600													44.0
46.0	49.2	97.3	13 300*	54.2	100.1	16 000*	57.1	101.3	17 400	61.5	102.7	15 700										46.0
48.0	46.6	95.4	12 300*	51.8	98.6	14 700*	54.8	100.0	16 400	59.4	101.6	14 800										48.0
50.0	43.9	93.4	11 400*	49.4	96.9	13 600*	52.4	98.5	15 100*	57.2	100.3	13 900										50.0
52.0	41.1	91.2	10 600*	46.9	95.1	12 600*	50.0	96.9	13 900*	54.9	98.9	13 100										52.0
54.0	38.2	88.8	9 900*	44.2	93.1	11 700*	47.5	95.1	12 900*	52.5	97.5	12 400	57.1	98.8	11 000							54.0
56.0	35.0	86.0	9 100*	41.4	90.9	10 900*	44.9	93.1	11 900*	50.1	95.8	11 700	54.9	97.5	10 400							56.0
58.0	31.5	82.9	8 500*	38.5	88.5	10 100*	42.1	91.0	11 100*	47.6	94.1	11 100	52.5	96.0	9 800							58.0
60.0	27.7	79.4	7 900*	35.3	85.8	9 400*	39.2	88.6	10 300*	45.0	92.1	10 500	50.1	94.4	9 200							60.0
62.0	23.2	75.1	7 300*	31.9	82.8	8 700*	36.1	86.0	9 600*	42.2	90.0	10 000	47.6	92.6	8 700							62.0
64.0	17.8	69.6	6 800*	28.1	79.2	8 100*	32.8	83.1	8 900*	39.3	87.6	9 400	45.0	90.6	8 300	49.9	92.4	7 100				64.0
66.0				23.7	75.0	7 600*	29.1	79.7	8 300*	36.3	85.0	9 000	42.2	88.5	7 800	47.4	90.6	6 700				66.0
68.0				18.4	69.8	7 000*	24.9	75.7	7 700*	32.9	82.1	8 500	39.3	86.2	7 400	44.7	88.7	6 300				68.0
70.0				10.7	61.8	6 500*	19.8	70.7	7 200*	29.2	78.7	8 100	36.2	83.6	7 000	42.0	86.5	6 000				70.0
72.0							13.0	63.8	6 700*	25.1	74.8	7 700	32.9	80.6	6 600	39.1	84.2	5 600	44.3	86.2	4 700	72.0
74.0										20.1	69.9	7 200*	29.2	77.2	6 300	35.9	81.5	5 300	41.5	84.0	4 400	74.0
76.0										13.4	63.1	6 700*	25.0	73.3	6 000	32.6	78.6	5 000	38.6	81.6	4 100	76.0
78.0													20.0	68.3	5 600	28.9	75.1	4 700	35.4	78.9	3 800	78.0
80.0													13.3	61.5	5 300	24.6	71.1	4 400	32.0	75.9	3 600	80.0
82.0																19.5	66.1	4 200	28.2	72.4	3 300	82.0
84.0																12.6	59.0	3 900	23.8	68.2	3 100	84.0
86.0																			18.6	63.0	2 900	86.0
88.0																			11.0	55.2	2 700	88.0

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	71.1	80.3	49 100*b																			15.2
16.0	69.3	80.0	47 800*b																			16.0
18.0	64.7	79.1	44 500*b																			18.0
20.0	60.0	78.0	41 600*	70.3	79.6	47 300*b																20.0
22.0	55.0	76.7	39 000*	65.8	78.8	44 300*b																22.0
24.0	49.6	75.1	36 700*	61.1	77.7	41 500*																24.0
26.0	43.8	73.2	34 500*	56.2	76.5	39 000*	62.7	77.6	39 800b													26.0
28.0	37.3	70.8	30 800*	50.9	75.0	36 700*	57.8	76.4	36 300													28.0
30.0	29.5	67.6	27 300*	45.2	73.1	34 600	52.7	75.0	33 300													30.0
32.0	19.0	63.0	24 400*	38.9	70.8	31 800*	47.1	73.2	30 700	58.7	75.5	28 300										32.0
34.0				31.5	67.9	28 600*	41.0	71.1	28 400	53.6	74.1	26 200										34.0
36.0				21.9	63.8	25 900*	34.1	68.4	26 400	48.1	72.4	24 300										36.0
38.0							25.4	64.8	24 700	42.2	70.4	22 700	54.2	72.7	20 700							38.0
40.0										35.4	67.8	21 200	48.8	71.1	19 400							40.0
42.0										27.1	64.4	19 900	42.9	69.1	18 200							42.0
44.0										15.0	59.0	18 700	36.2	66.6	17 100	49.0	69.3	15 500				44.0
46.0													28.2	63.3	16 100	43.1	67.3	14 600				46.0
48.0													16.8	58.3	15 100	36.5	64.8	13 800				48.0
50.0																28.5	61.6	13 000				50.0
52.0																			42.8	64.9	11 700	52.0
54.0																			36.1	62.4	11 000	54.0
56.0																			28.1	59.1	10 400	56.0
																			16.7	54.1	9 800	56.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	73.0	83.5	47 500*b																			15.2
16.0	71.5	83.2	46 300*b																			16.0
18.0	67.4	82.4	43 200*b																			18.0
20.0	63.3	81.5	40 400*																			20.0
22.0	58.9	80.4	37 900*	68.4	82.1	43 100*b																22.0
24.0	54.4	79.0	35 700*	64.2	81.2	40 400*																24.0
26.0	49.6	77.4	33 700*	60.0	80.1	38 000*	65.6	81.0	39 500													26.0
28.0	44.4	75.5	30 700*	55.5	78.8	35 900*	61.4	80.0	36 000													28.0
30.0	38.6	73.2	27 300*	50.7	77.3	33 900*	57.0	78.7	33 000													30.0
32.0	32.0	70.3	24 300*	45.6	75.4	31 800*	52.3	77.3	30 400													32.0
34.0	23.7	66.4	21 800*	40.0	73.2	28 500*	47.3	75.5	28 200	57.7	77.8	25 900										34.0
36.0				33.6	70.5	25 900*	41.9	73.5	26 200	53.1	76.4	24 000										36.0
38.0				25.9	66.9	23 600*	35.8	70.9	24 400	48.2	74.7	22 400										38.0
40.0							28.6	67.7	22 900	42.9	72.7	21 000	53.7	75.0	19 100							40.0
42.0							19.0	63.0	21 400	36.9	70.2	19 700	48.8	73.4	17 900							42.0
44.0										30.0	67.1	18 500	43.5	71.4	16 800							44.0
46.0										21.0	62.8	17 400	37.7	69.0	15 800	49.0	71.6	14 300				46.0
48.0													30.8	66.0	14 900	43.7	69.6	13 400				48.0
50.0													22.2	61.9	14 100	37.9	67.2	12 700				50.0
52.0																31.1	64.2	12 000	43.5	67.3	10 700	52.0
54.0																22.6	60.2	11 300	37.6	64.9	10 100	54.0
56.0																			30.8	61.8	9 500	56.0
58.0																			22.1	57.7	9 000	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	74.6	86.7	46 000*																			15.2
16.0	73.2	86.4	44 900*																			16.0
18.0	69.6	85.7	42 100*																			18.0
20.0	65.9	84.9	39 400*																			20.0
22.0	62.0	83.9	37 100*																			22.0
24.0	58.1	82.7	34 900*	66.7	84.6	39 500*																24.0
26.0	53.9	81.3	33 000*	62.9	83.6	37 200*																26.0
28.0	49.5	79.7	30 500*	59.0	82.5	35 100*	64.2	83.4	35 800													28.0
30.0	44.8	77.8	27 200*	54.9	81.1	33 200*	60.3	82.3	32 800													30.0
32.0	39.7	75.5	24 400*	50.6	79.6	31 500*	56.3	81.1	30 200													32.0
34.0	33.9	72.8	21 900*	45.9	77.7	29 300*	52.0	79.6	28 000	61.0	81.4	25 600										34.0
36.0	27.0	69.3	19 700*	40.9	75.6	26 400*	47.5	77.9	26 000	57.0	80.1	23 800										36.0
38.0	17.7	64.3	17 900*	35.3	73.0	24 100*	42.6	75.8	24 300	52.8	78.7	22 200										38.0
40.0				28.7	69.7	22 100*	37.2	73.4	22 700	48.3	77.0	20 700										40.0
42.0				20.2	65.1	20 300*	31.0	70.3	21 300	43.5	75.0	19 500	53.3	77.3	17 700							42.0
44.0							23.3	66.3	20 000	38.2	72.7	18 300	48.8	75.7	16 600							44.0
46.0										32.1	69.7	17 200	44.0	73.7	15 600							46.0
48.0										24.8	66.0	16 200	38.8	71.4	14 700	49.0	73.9	13 200				48.0
50.0										14.2	60.1	15 300	32.9	68.6	13 900	44.2	71.9	12 500				50.0
52.0													25.7	64.9	13 100	39.0	69.6	11 800				52.0
54.0													15.8	59.5	12 400	33.1	66.8	11 100	44.0	69.6	9 900	54.0
56.0																26.1	63.2	10 500	38.8	67.3	9 300	56.0
58.0																			32.8	64.4	8 800	58.0
60.0																			25.7	60.7	8 300	60.0
62.0																			15.6	55.2	7 900	62.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
15.2	75.9	89.8	44 400*b																			15.2
16.0	74.6	89.6	43 400*b																			16.0
18.0	71.4	89.0	40 700*																			18.0
20.0	68.0	88.2	38 300*																			20.0
22.0	64.6	87.3	36 100*																			22.0
24.0	61.0	86.3	34 000*	68.8	87.9	38 300*																24.0
26.0	57.4	85.0	32 100*	65.4	87.0	36 200*																26.0
28.0	53.5	83.6	30 100*	61.9	86.0	34 200*	66.5	86.8	35 500													28.0
30.0	49.5	82.0	27 000*	58.2	84.8	32 400*	63.0	85.8	32 500													30.0
32.0	45.2	80.1	24 300*	54.4	83.4	30 700*	59.4	84.7	30 000													32.0
34.0	40.5	77.9	21 900*	50.4	81.9	29 000*	55.7	83.4	27 700													34.0
36.0	35.3	75.3	19 700*	46.2	80.0	26 300*	51.8	81.9	25 800	60.1	83.7	23 500										36.0
38.0	29.4	72.1	17 900*	41.6	77.9	23 900*	47.6	80.2	24 000	56.3	82.5	21 900										38.0
40.0	22.0	67.8	16 300*	36.6	75.4	21 900*	43.2	78.1	22 500	52.5	81.0	20 500										40.0
42.0				30.9	72.3	20 100*	38.3	75.8	21 100	48.4	79.3	19 200										42.0
44.0				23.9	68.4	18 600*	32.8	72.9	19 800	44.0	77.4	18 100	52.9	79.7	16 300							44.0
46.0							26.4	69.3	18 700	39.2	75.0	17 000	48.8	78.0	15 300							46.0
48.0							17.8	64.2	17 600	33.8	72.3	16 100	44.5	76.1	14 500							48.0
50.0										27.6	68.8	15 100	39.8	73.8	13 700	49.0	76.2	12 200				50.0
52.0										19.5	64.1	14 300	34.5	71.1	12 900	44.7	74.3	11 500				52.0
54.0													28.4	67.7	12 200	39.9	72.0	10 900	44.4	71.9	9 000	54.0
56.0													20.6	63.2	11 600	34.7	69.3	10 300	39.7	69.6	8 500	56.0
58.0																28.6	66.0	9 700	34.4	66.9	8 100	58.0
60.0																21.0	61.5	9 200	28.3	63.6	7 600	60.0
62.0																			20.5	59.0	7 200	62.0
64.0																						64.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.7	92.6	41 000*																			16.8
18.0	72.8	92.2	39 500*																			18.0
20.0	69.8	91.5	37 300*																			20.0
22.0	66.7	90.7	35 100*																			22.0
24.0	63.4	89.7	33 200*																			24.0
26.0	60.2	88.6	31 400*	67.4	90.3	35 200*																26.0
28.0	56.7	87.4	29 500*	64.2	89.4	33 400*																28.0
30.0	53.2	85.9	26 700*	60.9	88.4	31 700*	65.2	89.2	32 400													30.0
32.0	49.4	84.3	24 100*	57.5	87.1	30 100*	62.0	88.2	29 800													32.0
34.0	45.5	82.4	21 800*	54.0	85.7	28 500*	58.7	87.0	27 600													34.0
36.0	41.2	80.3	19 800*	50.3	84.2	26 300*	55.2	85.7	25 700													36.0
38.0	36.6	77.7	18 000*	46.4	82.3	23 900*	51.6	84.2	23 900	59.2	86.1	21 800										38.0
40.0	31.3	74.7	16 300*	42.2	80.3	21 800*	47.7	82.5	22 400	55.8	84.8	20 400										40.0
42.0	25.1	70.9	14 900*	37.7	77.8	20 100*	43.6	80.5	21 000	52.2	83.3	19 100										42.0
44.0	16.7	65.5	13 600*	32.6	74.9	18 500*	39.2	78.2	19 800	48.4	81.6	18 000										44.0
46.0				26.6	71.3	17 100*	34.3	75.4	18 600	44.4	79.7	16 900	52.6	82.0	15 200							46.0
48.0				19.0	66.4	15 900*	28.7	72.1	17 500	40.0	77.4	16 000	48.8	80.3	14 400							48.0
50.0							21.8	67.7	16 300*	35.2	74.8	15 100	44.8	78.4	13 600							50.0
52.0										29.7	71.6	14 300	40.5	76.2	12 800	49.0	78.5	11 400				52.0
54.0										23.1	67.4	13 500	35.8	73.6	12 100	45.0	76.6	10 800				54.0
56.0										13.6	61.2	12 800	30.4	70.4	11 500	40.7	74.4	10 200				56.0
58.0													24.0	66.4	10 900	36.0	71.8	9 600	44.8	74.2	8 500	58.0
60.0													15.0	60.6	10 300	30.6	68.7	9 200	40.5	72.0	8 000	60.0
62.0																24.2	64.7	8 700	35.7	69.4	7 600	62.0
64.0																15.5	59.0	8 200	30.3	66.3	7 200	64.0
66.0																			23.9	62.3	6 800	66.0
68.0																			14.9	56.4	6 400	68.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.8	95.7	39 000*																			16.8
18.0	74.1	95.4	37 700*																			18.0
20.0	71.3	94.7	35 600*																			20.0
22.0	68.4	94.0	33 700*																			22.0
24.0	65.5	93.1	31 900*																			24.0
26.0	62.5	92.1	30 200*	69.1	93.6	33 800*																26.0
28.0	59.4	91.0	28 600*	66.2	92.8	32 000*																28.0
30.0	56.2	89.7	26 400*	63.2	91.8	30 500*																30.0
32.0	52.9	88.2	24 000*	60.1	90.7	29 000*	64.2	91.6	29 600													32.0
34.0	49.4	86.6	21 900*	57.0	89.5	27 600*	61.1	90.6	27 400													34.0
36.0	45.7	84.7	19 800*	53.7	88.1	26 100*	58.0	89.4	25 400													36.0
38.0	41.8	82.6	18 100*	50.2	86.5	23 800*	54.8	88.0	23 700													38.0
40.0	37.6	80.2	16 400*	46.6	84.7	21 800*	51.4	86.5	22 200	58.5	88.4	20 100										40.0
42.0	32.8	77.3	15 000*	42.8	82.6	20 000*	47.8	84.8	20 800	55.3	87.1	18 800										42.0
44.0	27.4	73.7	13 700*	38.6	80.2	18 400*	44.0	82.8	19 500	52.0	85.6	17 700										44.0
46.0	20.7	69.1	12 600*	34.0	77.4	17 000*	40.0	80.5	18 400	48.4	83.9	16 700	55.7	85.7	15 000							46.0
48.0				28.8	74.1	15 800*	35.5	77.9	17 300	44.7	82.0	15 700	52.4	84.3	14 100							48.0
50.0				22.4	69.8	14 700*	30.6	74.8	16 200*	40.7	79.8	14 900	48.9	82.6	13 300							50.0
52.0							24.6	70.8	15 000*	36.4	77.2	14 000	45.2	80.7	12 500	52.5	82.4	11 100				52.0
54.0							16.9	65.4	14 000*	31.5	74.2	13 300	41.2	78.5	11 900	49.0	80.8	10 500				54.0
56.0										25.8	70.4	12 600	36.9	76.0	11 300	45.3	78.9	9 900				56.0
58.0										18.5	65.4	11 900	32.1	73.0	10 700	41.4	76.7	9 400				58.0
60.0													26.5	69.4	10 100	37.1	74.2	8 900	45.1	76.5	7 700	60.0
62.0													19.4	64.5	9 600	32.3	71.3	8 400	41.1	74.4	7 300	62.0
64.0													7.3	55.8	9 100	26.7	67.7	8 000	36.8	71.8	6 900	64.0
66.0																19.8	62.9	7 600	32.0	68.9	6 500	66.0
68.0																			26.4	65.2	6 100	68.0
70.0																			19.3	60.3	5 800	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.8	98.5	36 100*																			18.3
20.0	72.6	98.0	34 500*																			20.0
22.0	69.9	97.3	32 800*																			22.0
24.0	67.2	96.5	31 100*																			24.0
26.0	64.5	95.5	29 500*	70.5	96.9	32 800*																26.0
28.0	61.6	94.5	27 900*	67.9	96.1	31 200*																28.0
30.0	58.7	93.3	25 800*	65.1	95.2	29 700*																30.0
32.0	55.7	92.0	23 600*	62.3	94.2	28 300*																32.0
34.0	52.6	90.5	21 600*	59.4	93.1	27 000*	63.2	94.0	27 200													34.0
36.0	49.4	88.9	19 800*	56.4	91.8	25 800*	60.4	92.9	25 200													36.0
38.0	46.0	87.0	18 000*	53.4	90.4	24 000*	57.4	91.7	23 500													38.0
40.0	42.3	85.0	16 500*	50.2	88.8	21 900*	54.4	90.3	21 900	60.9	92.0	19 900										40.0
42.0	38.4	82.6	15 100*	46.8	87.0	20 100*	51.2	88.8	20 600	57.9	90.8	18 600										42.0
44.0	34.1	79.8	13 800*	43.2	84.9	18 600*	47.9	87.1	19 300	54.9	89.4	17 500										44.0
46.0	29.3	76.5	12 700*	39.4	82.6	17 100*	44.4	85.1	18 200	51.8	87.9	16 500										46.0
48.0	23.6	72.4	11 700*	35.2	79.9	15 900*	40.6	82.9	17 200	48.5	86.2	15 500	55.3	88.1	13 900							48.0
50.0	16.0	66.7	10 800*	30.5	76.8	14 800*	36.6	80.3	16 200	45.0	84.3	14 600	52.1	86.6	13 100							50.0
52.0				25.0	72.9	13 700*	32.1	77.4	15 100*	41.3	82.1	13 800	48.9	84.9	12 300							52.0
54.0				18.0	67.7	12 800*	26.9	73.7	14 100*	37.3	79.6	13 100	45.4	83.0	11 700							54.0
56.0							20.6	69.1	13 100*	32.9	76.7	12 400	41.7	80.9	11 000	49.0	83.1	9 700				56.0
58.0										27.9	73.3	11 800	37.8	78.4	10 400	45.6	81.2	9 200				58.0
60.0										21.8	68.8	11 200	33.4	75.6	9 900	41.9	79.1	8 700				60.0
62.0										13.2	62.3	10 600	28.5	72.2	9 400	38.0	76.6	8 200	45.4	78.8	7 000	62.0
64.0													22.6	67.9	8 900	33.6	73.8	7 800	41.7	76.7	6 700	64.0
66.0													14.4	61.7	8 500	28.7	70.4	7 300	37.7	74.3	6 300	66.0
68.0																22.8	66.2	7 000	33.4	71.4	5 900	68.0
70.0																14.9	60.2	6 600	28.4	68.0	5 600	70.0
72.0																			22.5	63.7	5 300	72.0
74.0																			14.3	57.5	5 000	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

50.3m (165 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.8	101.6	34 500*																			18.3
20.0	73.7	101.2	33 300*																			20.0
22.0	71.2	100.5	31 700*																			22.0
24.0	68.7	99.8	30 100*																			24.0
26.0	66.2	98.9	28 600*																			26.0
28.0	63.6	97.9	26 800*	69.3	99.4	30 200*																28.0
30.0	60.9	96.9	24 900*	66.8	98.6	28 800*																30.0
32.0	58.2	95.7	23 000*	64.2	97.6	27 500*																32.0
34.0	55.3	94.3	21 300*	61.5	96.6	26 300*	65.0	97.4	26 900													34.0
36.0	52.4	92.9	19 500*	58.8	95.4	25 100*	62.4	96.4	25 000													36.0
38.0	49.4	91.2	17 900*	56.0	94.1	23 800*	59.7	95.3	23 300													38.0
40.0	46.2	89.4	16 400*	53.1	92.7	21 700*	56.9	94.1	21 700													40.0
42.0	42.8	87.3	15 100*	50.1	91.1	19 900*	54.1	92.7	20 300	60.2	94.4	18 400										42.0
44.0	39.2	84.9	13 800*	46.9	89.3	18 300*	51.1	91.1	19 100	57.4	93.1	17 200										44.0
46.0	35.2	82.3	12 700*	43.6	87.2	16 900*	48.0	89.4	18 000	54.6	91.7	16 200										46.0
48.0	30.9	79.1	11 700*	40.0	85.0	15 600*	44.7	87.4	17 000	51.6	90.2	15 300										48.0
50.0	25.8	75.4	10 800*	36.2	82.4	14 500*	41.2	85.2	16 000*	48.5	88.5	14 400	54.9	90.4	12 800							50.0
52.0	19.6	70.5	10 000*	31.9	79.4	13 500*	37.5	82.8	14 900*	45.3	86.6	13 600	51.9	88.9	12 000							52.0
54.0				27.1	75.8	12 600*	33.4	79.9	13 800*	41.8	84.5	12 900	48.9	87.2	11 400							54.0
56.0				21.2	71.2	11 700*	28.7	76.5	12 900*	38.1	82.1	12 200	45.7	85.3	10 800							56.0
58.0							23.3	72.3	12 000*	34.1	79.3	11 500	42.2	83.2	10 200	49.0	85.4	8 900				58.0
60.0							16.2	66.6	11 200*	29.6	76.0	11 000	38.6	80.8	9 700	45.8	83.5	8 400				60.0
62.0										24.3	72.0	10 400	34.6	78.1	9 200	42.4	81.4	7 900				62.0
64.0										17.6	66.6	9 900	30.1	74.9	8 700	38.7	79.0	7 500				64.0
66.0													25.0	71.0	8 200	34.8	76.3	7 100	42.2	79.0	6 000	66.0
68.0													18.5	65.8	7 800	30.3	73.1	6 700	38.5	76.7	5 700	68.0
70.0													7.8	56.9	7 400	25.2	69.2	6 400	34.5	73.9	5 400	70.0
72.0																18.8	64.2	6 000	30.1	70.7	5 000	72.0
74.0																			24.9	66.8	4 700	74.0
76.0																			18.4	61.6	4 500	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	67.7	82.7	45 600*b																			
18.0	65.0	82.2	43 700*b																			
20.0	60.2	81.1	40 900*																			
22.0	55.3	79.8	38 400*																			
24.0	49.9	78.2	36 100*																			
26.0	44.2	76.3	33 700*	66.7	82.0	44 000*b																
28.0	37.7	73.9	29 800*	62.0	81.0	41 300*																
30.0	30.0	70.9	26 600*	57.1	79.8	38 900*	63.9	80.9	39 400b													
32.0	19.7	66.4	23 800*	51.9	78.3	36 700*	59.1	79.7	35 900													
34.0				46.3	76.5	34 500	54.1	78.4	32 900													
36.0				40.1	74.3	31 900	48.7	76.7	30 300													
38.0				42.7	74.7	28 100	55.6	77.6	25 700													
40.0				33.0	71.5	29 300*	42.7	74.7	28 100	50.3	76.1	23 800										
42.0				24.0	67.7	26 400*	36.0	72.2	26 100	44.6	74.2	22 200										
44.0				7.9	60.3	24 100*	27.9	68.9	24 400	38.2	71.8	20 800	51.6	74.8	18 800							
46.0										30.6	68.8	19 500	46.0	73.0	17 700							
48.0										20.6	64.5	18 300	39.8	70.8	16 600							
50.0													32.6	68.0	15 600	47.0	71.4	14 000				
52.0													23.4	64.1	14 700	40.9	69.2	13 200				
54.0																33.8	66.5	12 400				
56.0																25.1	62.9	11 700	41.3	67.0	10 400	
																			34.4	64.4	9 800	
																			25.8	60.8	9 300	

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LIFTCRANE LUFFING JIB CAPACITIES

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WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	70.1	86.0	44 100*b																			16.8
18.0	67.6	85.5	42 400*b																			18.0
20.0	63.5	84.6	39 800*																			20.0
22.0	59.2	83.5	37 300*	69.1	85.3	42 600*b																22.0
24.0	54.6	82.1	35 200*	65.0	84.4	40 100*																24.0
26.0	49.8	80.5	33 200*	60.8	83.3	37 900*	66.7	84.2	39 100b													26.0
28.0	44.7	78.6	29 600*	56.3	82.1	35 700*	62.5	83.3	35 600													28.0
30.0	38.9	76.3	26 400*	51.6	80.6	33 800*	58.2	82.1	32 700													30.0
32.0	32.4	73.5	23 600*	46.6	78.8	31 700	53.6	80.7	30 100													32.0
34.0	24.2	69.6	21 200*	41.1	76.7	29 200*	48.7	79.0	27 900	59.5	81.3	25 400										34.0
36.0				34.9	74.0	26 300*	43.4	77.1	25 900	55.0	79.9	23 600										36.0
38.0				27.5	70.6	24 000*	37.5	74.7	24 200	50.2	78.4	22 000										38.0
40.0				17.2	65.6	21 900*	30.7	71.6	22 600	45.1	76.5	20 600	56.1	78.7	18 500							40.0
42.0							21.9	67.4	21 200	39.4	74.2	19 300	51.4	77.1	17 400							42.0
44.0										32.9	71.4	18 100	46.3	75.4	16 300							44.0
46.0										24.9	67.7	17 000	40.8	73.2	15 300	52.2	75.4	13 700				46.0
48.0													34.5	70.5	14 500	47.2	73.7	12 900				48.0
50.0													27.0	67.1	13 700	41.7	71.6	12 100				50.0
52.0																35.6	69.0	11 500				52.0
54.0																28.4	65.7	10 800	47.5	71.4	10 100	54.0
56.0																18.7	61.0	10 200	42.1	69.4	9 500	56.0
58.0																			36.1	66.8	8 900	58.0
60.0																			28.9	63.6	8 500	60.0
																			19.5	59.0	8 000	60.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	72.0	89.3	42 900*																			16.8
18.0	69.8	88.8	41 200*																			18.0
20.0	66.1	88.0	38 700*																			20.0
22.0	62.3	87.0	36 400*																			22.0
24.0	58.3	85.8	34 400*	67.4	87.7	39 100*																24.0
26.0	54.1	84.4	32 400*	63.7	86.8	37 000*																26.0
28.0	49.8	82.8	29 400*	59.8	85.7	34 900*	65.2	86.7	35 400													28.0
30.0	45.1	81.0	26 300*	55.7	84.4	33 100*	61.4	85.6	32 400													30.0
32.0	39.9	78.7	23 600*	51.4	82.9	31 300*	57.4	84.4	29 800													32.0
34.0	34.2	76.0	21 200*	46.8	81.1	29 200	53.2	83.0	27 700													34.0
36.0	27.4	72.6	19 200*	41.9	79.0	26 900*	48.7	81.3	25 700	58.6	83.6	23 300										36.0
38.0	18.3	67.7	17 400*	36.4	76.5	24 500*	43.9	79.4	24 000	54.5	82.2	21 800										38.0
40.0				30.0	73.4	22 400*	38.7	77.1	22 400	50.1	80.7	20 300										40.0
42.0				22.0	69.2	20 600*	32.7	74.2	21 000	45.4	78.8	19 100	55.5	81.0	17 100							42.0
44.0				8.4	61.4	18 200*	25.6	70.5	19 800	40.3	76.6	17 900	51.2	79.5	16 100							44.0
46.0										34.6	73.9	16 900	46.6	77.7	15 100							46.0
48.0										27.9	70.5	15 900	41.6	75.5	14 200							48.0
50.0										19.1	65.8	15 000	36.1	73.0	13 400	47.4	76.0	11 900				50.0
52.0													29.7	69.8	12 700	42.5	73.9	11 200				52.0
54.0													21.5	65.5	12 000	37.0	71.5	10 600				54.0
56.0																30.8	68.4	10 000	42.8	71.7	8 700	56.0
58.0																23.1	64.4	9 500	37.4	69.3	8 200	58.0
60.0																			31.2	66.3	7 800	60.0
62.0																			23.7	62.3	7 300	62.0
64.0																			12.1	55.8	6 900	64.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	73.5	92.5	41 500*																			16.8
18.0	71.5	92.1	39 900*																			18.0
20.0	68.2	91.3	37 600*																			20.0
22.0	64.8	90.4	35 400*																			22.0
24.0	61.2	89.4	33 500*																			24.0
26.0	57.6	88.2	31 600*	66.0	90.2	35 900*																26.0
28.0	53.7	86.8	28 900*	62.5	89.2	34 000*																28.0
30.0	49.7	85.1	26 000*	58.9	88.1	32 200*	63.9	89.1	32 200													30.0
32.0	45.4	83.3	23 500*	55.1	86.7	30 600*	60.4	88.0	29 600													32.0
34.0	40.8	81.1	21 200*	51.2	85.2	29 000*	56.7	86.8	27 400													34.0
36.0	35.6	78.5	19 100*	47.0	83.4	26 700*	52.8	85.3	25 500													36.0
38.0	29.7	75.3	17 400*	42.5	81.4	24 300*	48.7	83.6	23 800	57.8	85.9	21 500										38.0
40.0	22.4	71.1	15 800*	37.6	78.9	22 300*	44.4	81.7	22 200	54.0	84.6	20 100										40.0
42.0				32.0	76.0	20 400*	39.6	79.4	20 800	50.0	83.0	18 800										42.0
44.0				25.3	72.2	18 900*	34.4	76.7	19 600	45.7	81.1	17 700	54.9	83.3	15 800							44.0
46.0				16.2	66.8	17 400*	28.2	73.3	18 400	41.1	78.9	16 600	51.0	81.8	14 800							46.0
48.0							20.4	68.8	17 400	36.0	76.4	15 700	46.8	80.0	14 000							48.0
50.0										30.2	73.2	14 800	42.3	77.9	13 200							50.0
52.0										23.0	69.1	14 000	37.3	75.4	12 400	47.5	78.3	11 000				52.0
54.0													31.7	72.5	11 800	43.0	76.3	10 300				54.0
56.0													24.9	68.6	11 100	38.2	73.9	9 800				56.0
58.0																32.7	71.0	9 200	43.3	74.0	8 000	58.0
60.0																26.2	67.4	8 800	38.5	71.7	7 500	60.0
62.0																17.5	62.2	8 300	33.1	68.8	7 100	62.0
64.0																			26.6	65.3	6 700	64.0
66.0																			18.2	60.3	6 300	66.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	74.8	95.6	39 600*																			16.8
18.0	73.0	95.3	38 200*																			18.0
20.0	69.9	94.6	36 100*																			20.0
22.0	66.8	93.8	34 100*																			22.0
24.0	63.6	92.8	32 300*																			24.0
26.0	60.3	91.7	30 600*	68.0	93.5	34 500*																26.0
28.0	56.9	90.5	28 600*	64.8	92.6	32 800*																28.0
30.0	53.4	89.1	25 900*	61.5	91.6	31 100*	66.1	92.5	32 100													30.0
32.0	49.6	87.4	23 500*	58.2	90.4	29 600*	62.9	91.5	29 500													32.0
34.0	45.7	85.6	21 300*	54.7	89.0	28 200*	59.6	90.4	27 300													34.0
36.0	41.5	83.4	19 300*	51.0	87.5	26 700*	56.1	89.1	25 400													36.0
38.0	36.8	80.9	17 500*	47.2	85.7	24 500*	52.5	87.6	23 700	60.6	89.5	21 300										38.0
40.0	31.6	77.9	15 900*	43.0	83.7	22 300*	48.8	85.9	22 100	57.2	88.3	20 000										40.0
42.0	25.4	74.2	14 500*	38.6	81.3	20 500*	44.7	84.0	20 700	53.6	86.9	18 700										42.0
44.0	17.3	68.9	13 400*	33.6	78.5	18 900*	40.4	81.8	19 500	49.9	85.3	17 600										44.0
46.0				27.8	75.1	17 500*	35.7	79.2	18 400	46.0	83.4	16 500	54.5	85.6	14 700							46.0
48.0				20.6	70.5	16 200*	30.3	76.0	17 300	41.8	81.3	15 600	50.8	84.1	13 900							48.0
50.0				8.7	62.5	14 500*	23.8	72.0	16 400	37.2	78.8	14 700	47.0	82.3	13 100							50.0
52.0										32.0	75.9	13 900	42.8	80.2	12 400	51.4	82.3	10 800				52.0
54.0										25.9	72.2	13 200	38.3	77.8	11 700	47.6	80.6	10 200				54.0
56.0										18.0	67.0	12 500	33.3	75.0	11 100	43.5	78.6	9 700				56.0
58.0													27.5	71.5	10 500	39.1	76.3	9 100				58.0
60.0													20.2	66.9	10 000	34.2	73.5	8 700	43.8	76.4	7 400	60.0
62.0																28.5	70.2	8 200	39.4	74.1	7 000	62.0
64.0																21.5	65.8	7 800	34.5	71.4	6 600	64.0
66.0																			28.9	68.0	6 300	66.0
68.0																			22.1	63.7	5 900	68.0
70.0																			11.8	56.9	5 500	70.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.9	101.5	35 400*																			18.3
20.0	72.7	101.0	33 800*																			20.0
22.0	70.1	100.3	32 100*																			22.0
24.0	67.4	99.5	30 500*																			24.0
26.0	64.6	98.6	28 800*																			26.0
28.0	61.8	97.6	26 800*	68.4	99.3	30 900*																28.0
30.0	58.9	96.4	24 700*	65.6	98.4	29 400*																30.0
32.0	55.9	95.1	22 700*	62.8	97.4	28 100*																32.0
34.0	52.8	93.7	20 800*	60.0	96.3	26 800*	64.0	97.3	26 800													34.0
36.0	49.6	92.0	19 000*	57.0	95.1	25 600*	61.1	96.3	24 900													36.0
38.0	46.2	90.2	17 400*	53.9	93.7	24 400*	58.2	95.1	23 200													38.0
40.0	42.5	88.1	15 900*	50.8	92.1	22 300*	55.2	93.7	21 700	62.0	95.4	19 400										40.0
42.0	38.6	85.7	14 600*	47.4	90.3	20 500*	52.1	92.2	20 300	59.1	94.2	18 200										42.0
44.0	34.4	83.0	13 400*	43.9	88.3	18 800*	48.8	90.5	19 100	56.1	92.9	17 100										44.0
46.0	29.6	79.7	12 300*	40.1	86.1	17 400*	45.3	88.6	17 900	53.0	91.5	16 100										46.0
48.0	23.9	75.7	11 300*	36.0	83.5	16 100*	41.7	86.5	17 000	49.8	89.9	15 100	56.9	91.6	13 400							48.0
50.0	16.5	70.1	10 500*	31.4	80.4	14 900*	37.7	84.0	16 000	46.4	88.0	14 300	53.8	90.2	12 600							50.0
52.0				26.1	76.7	13 900*	33.3	81.2	15 200	42.8	86.0	13 500	50.6	88.7	11 900							52.0
54.0				19.5	71.8	13 000*	28.4	77.8	14 300	38.9	83.6	12 800	47.2	86.9	11 200							54.0
56.0				8.9	63.6	11 300*	22.4	73.5	13 400*	34.7	80.9	12 100	43.7	84.9	10 600	51.1	86.9	9 200				56.0
58.0										29.9	77.7	11 500	39.9	82.6	10 000	47.8	85.2	8 600				58.0
60.0										24.4	73.7	10 900	35.8	80.0	9 500	44.3	83.2	8 200				60.0
62.0										17.1	68.3	10 300	31.2	76.9	9 000	40.5	81.0	7 700				62.0
64.0													25.8	73.1	8 600	36.5	78.4	7 300	44.5	81.0	6 100	64.0
66.0													19.1	68.2	8 100	31.9	75.4	6 900	40.8	78.8	5 800	66.0
68.0																26.7	71.8	6 500	36.7	76.3	5 400	68.0
70.0																20.3	67.1	6 200	32.3	73.3	5 100	70.0
72.0																			27.1	69.7	4 800	72.0
74.0																			20.8	65.1	4 500	74.0
76.0																			11.6	58.0	4 200	76.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 48.8m (160 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.9	104.7	32 900*																			18.3
20.0	73.8	104.2	32 000*																			20.0
22.0	71.4	103.6	30 600*																			22.0
24.0	68.9	102.8	29 100*																			24.0
26.0	66.3	102.0	27 400*																			26.0
28.0	63.7	101.0	25 700*	69.8	102.6	29 800*																28.0
30.0	61.0	100.0	23 900*	67.2	101.8	28 500*																30.0
32.0	58.3	98.8	22 100*	64.7	100.8	27 300*																32.0
34.0	55.5	97.5	20 400*	62.0	99.8	26 000*	65.7	100.7	26 600													34.0
36.0	52.6	96.0	18 800*	59.3	98.7	24 900*	63.1	99.7	24 600													36.0
38.0	49.5	94.3	17 300*	56.5	97.4	23 800*	60.4	98.6	22 900													38.0
40.0	46.3	92.5	15 800*	53.6	96.0	22 100*	57.7	97.4	21 400													40.0
42.0	43.0	90.4	14 500*	50.6	94.4	20 200*	54.8	96.0	20 100	61.2	97.8	17 900										42.0
44.0	39.4	88.1	13 400*	47.5	92.6	18 600*	51.9	94.5	18 800	58.5	96.6	16 800										44.0
46.0	35.4	85.5	12 300*	44.2	90.7	17 100*	48.8	92.8	17 700	55.7	95.3	15 800										46.0
48.0	31.1	82.4	11 300*	40.7	88.4	15 900*	45.6	91.0	16 700	52.8	93.8	14 900										48.0
50.0	26.1	78.6	10 500*	36.9	85.9	14 700*	42.2	88.8	15 800	49.7	92.2	14 000										50.0
52.0	20.0	73.8	9 700*	32.8	83.0	13 700*	38.5	86.4	14 900	46.6	90.3	13 300	53.5	92.5	11 600							52.0
54.0				28.0	79.5	12 800*	34.5	83.7	14 100	43.2	88.3	12 500	50.5	91.0	11 000							54.0
56.0				22.4	75.2	11 900*	30.0	80.5	13 100*	39.6	86.0	11 900	47.4	89.2	10 400							56.0
58.0				14.9	69.1	11 100*	24.8	76.5	12 300*	35.7	83.4	11 300	44.0	87.2	9 800	51.0	89.2	8 400				58.0
60.0							18.3	71.4	11 400*	31.4	80.3	10 700	40.5	85.0	9 300	47.9	87.5	7 900				60.0
62.0										26.5	76.6	10 100	36.7	82.4	8 800	44.6	85.5	7 400				62.0
64.0										20.5	71.9	9 600	32.5	79.5	8 300	41.1	83.4	7 000				64.0
66.0													27.8	76.0	7 900	37.4	80.9	6 700	44.8	83.3	5 500	66.0
68.0													22.1	71.6	7 500	33.2	78.0	6 300	41.4	81.1	5 200	68.0
70.0													14.4	65.3	7 100	28.6	74.6	6 000	37.6	78.7	4 800	70.0
72.0																23.1	70.4	5 600	33.5	75.8	4 600	72.0
74.0																15.9	64.6	5 300	28.9	72.5	4 300	74.0
76.0																			23.5	68.3	4 000	76.0
78.0																			16.5	62.7	3 700	78.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 51.8m (170 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.0	107.5	29 800*																			19.8
20.0	74.8	107.4	29 700*																			20.0
22.0	72.5	106.8	28 600*																			22.0
24.0	70.2	106.1	27 400*																			24.0
26.0	67.8	105.3	26 100*																			26.0
28.0	65.4	104.4	24 600*																			28.0
30.0	62.9	103.4	23 100*	68.7	105.1	27 600*																30.0
32.0	60.4	102.3	21 500*	66.3	104.2	26 400*																32.0
34.0	57.8	101.1	20 000*	63.8	103.3	25 400*	67.2	104.0	26 500													34.0
36.0	55.1	99.8	18 500*	61.3	102.2	24 300*	64.8	103.1	24 500													36.0
38.0	52.4	98.3	17 100*	58.7	101.0	23 300*	62.3	102.1	22 800													38.0
40.0	49.5	96.6	15 700*	56.1	99.7	22 000*	59.8	101.0	21 300													40.0
42.0	46.5	94.8	14 500*	53.4	98.3	20 100*	57.2	99.7	19 900													42.0
44.0	43.3	92.8	13 300*	50.6	96.7	18 500*	54.5	98.4	18 800	60.6	100.1	16 700										44.0
46.0	40.0	90.5	12 300*	47.6	94.9	17 000*	51.7	96.8	17 600	58.0	98.9	15 700										46.0
48.0	36.4	87.9	11 400*	44.5	93.0	15 700*	48.8	95.1	16 600	55.3	97.6	14 800										48.0
50.0	32.4	84.9	10 500*	41.2	90.8	14 600*	45.8	93.3	15 700	52.6	96.1	13 900										50.0
52.0	27.9	81.4	9 700*	37.7	88.3	13 600*	42.6	91.2	14 800	49.7	94.5	13 100	56.0	96.3	11 500							52.0
54.0	22.7	77.1	9 000*	33.9	85.5	12 600*	39.2	88.8	14 000	46.7	92.6	12 400	53.2	94.9	10 800							54.0
56.0	15.8	71.3	8 400*	29.6	82.2	11 800*	35.5	86.2	13 000*	43.6	90.6	11 800	50.4	93.3	10 200							56.0
58.0				24.7	78.3	11 000*	31.4	83.1	12 100*	40.2	88.4	11 100	47.5	91.5	9 700							58.0
60.0				18.6	73.1	10 200*	26.8	79.4	11 300*	36.6	85.8	10 600	44.3	89.5	9 200	50.9	91.5	7 800				60.0
62.0				9.1	64.7	8 700*	21.3	74.9	10 500*	32.7	82.9	10 000	41.1	87.3	8 700	47.9	89.8	7 400				62.0
64.0							13.8	68.4	9 800*	28.3	79.4	9 500	37.5	84.8	8 200	44.9	87.9	6 900				64.0
66.0										23.1	75.2	9 000	33.7	82.0	7 800	41.6	85.7	6 500				66.0
68.0										16.4	69.5	8 600	29.4	78.7	7 400	38.1	83.3	6 200	45.1	85.6	5 000	68.0
70.0													24.5	74.7	7 000	34.3	80.5	5 900	41.8	83.5	4 700	70.0
72.0													18.3	69.4	6 600	30.1	77.3	5 500	38.4	81.1	4 400	72.0
74.0																25.3	73.4	5 200	34.6	78.3	4 200	74.0
76.0																19.4	68.4	4 900	30.4	75.1	3 900	76.0
78.0																			25.7	71.3	3 600	78.0
80.0																			19.9	66.4	3 400	80.0
82.0																			11.4	59.1	3 200	82.0

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LIFTCRANE LUFFING JIB CAPACITIES

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WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 54.9m (180 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
19.8	75.9	110.6	27 500*																			19.8
20.0	75.7	110.6	27 400*																			20.0
22.0	73.5	110.0	26 600*																			22.0
24.0	71.3	109.3	25 600*																			24.0
26.0	69.1	108.6	24 500*																			26.0
28.0	66.8	107.8	23 300*																			28.0
30.0	64.5	106.9	22 000*																			30.0
32.0	62.2	105.8	20 700*	67.7	107.5	25 500*																32.0
34.0	59.8	104.7	19 400*	65.4	106.6	24 500*																34.0
36.0	57.3	103.5	18 000*	63.0	105.7	23 500*	66.3	106.5	24 300													36.0
38.0	54.8	102.1	16 700*	60.7	104.6	22 500*	64.0	105.5	22 600													38.0
40.0	52.2	100.6	15 500*	58.2	103.4	21 600*	61.6	104.5	21 100													40.0
42.0	49.5	98.9	14 300*	55.7	102.1	19 900*	59.2	103.3	19 700													42.0
44.0	46.6	97.1	13 300*	53.1	100.6	18 200*	56.7	102.1	18 500													44.0
46.0	43.7	95.1	12 200*	50.5	99.0	16 800*	54.2	100.7	17 400	60.0	102.5	15 400										46.0
48.0	40.5	92.9	11 300*	47.7	97.2	15 500*	51.6	99.1	16 400	57.5	101.2	14 500										48.0
50.0	37.2	90.3	10 500*	44.8	95.3	14 400*	48.8	97.4	15 500	55.0	99.9	13 700										50.0
52.0	33.5	87.5	9 700*	41.7	93.1	13 300*	46.0	95.6	14 600	52.4	98.4	12 900										52.0
54.0	29.5	84.2	9 000*	38.4	90.7	12 400*	43.0	93.5	13 700*	49.7	96.8	12 200	55.6	98.6	10 500							54.0
56.0	24.8	80.2	8 400*	34.9	88.0	11 500*	39.8	91.2	12 700*	46.8	94.9	11 500	53.0	97.2	10 000							56.0
58.0	19.2	75.1	7 800*	31.0	84.9	10 800*	36.4	88.6	11 800*	43.9	92.9	10 900	50.3	95.6	9 400							58.0
60.0				26.6	81.2	10 000*	32.6	85.7	11 100*	40.8	90.7	10 300	47.5	93.8	8 900							60.0
62.0				21.4	76.6	9 400*	28.5	82.2	10 300*	37.4	88.2	9 800	44.6	91.8	8 400	50.8	93.8	7 100				62.0
64.0				14.4	70.2	8 800*	23.6	78.0	9 600*	33.8	85.4	9 300	41.5	89.7	8 000	48.0	92.1	6 700				64.0
66.0							17.6	72.6	9 000*	29.8	82.1	8 800	38.2	87.2	7 500	45.1	90.2	6 300				66.0
68.0										25.2	78.2	8 400	34.7	84.5	7 200	42.0	88.0	5 900				68.0
70.0										19.6	73.2	8 000	30.8	81.3	6 800	38.8	85.7	5 600	45.3	87.9	4 500	70.0
72.0													26.4	77.6	6 400	35.3	83.0	5 200	42.3	85.8	4 200	72.0
74.0													21.1	73.0	6 100	31.5	79.9	4 900	39.0	83.5	3 900	74.0
76.0													14.0	66.5	5 700	27.1	76.3	4 700	35.5	80.8	3 600	76.0
78.0																22.0	71.8	4 400	31.7	77.7	3 400	78.0
80.0																15.4	65.8	4 100	27.4	74.2	3 200	80.0
82.0																			22.4	69.8	2 900	82.0
84.0																			15.9	63.9	2 700	84.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 57.9m (190 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.1	113.4	25 000*																			21.3
22.0	74.4	113.2	24 800*																			22.0
24.0	72.3	112.6	24 000*																			24.0
26.0	70.2	111.9	23 100*																			26.0
28.0	68.1	111.1	22 100*																			28.0
30.0	66.0	110.2	21 100*																			30.0
32.0	63.8	109.3	20 000*	68.9	110.8	24 300*																32.0
34.0	61.5	108.2	18 800*	66.7	110.0	23 300*																34.0
36.0	59.2	107.1	17 600*	64.6	109.1	22 400*																36.0
38.0	56.9	105.8	16 500*	62.3	108.1	21 500*	65.5	108.9	22 300													38.0
40.0	54.5	104.4	15 300*	60.1	106.9	20 700*	63.2	107.9	20 900													40.0
42.0	52.0	102.9	14 300*	57.8	105.7	19 800*	61.0	106.9	19 500													42.0
44.0	49.4	101.2	13 200*	55.4	104.4	18 300*	58.7	105.7	18 300													44.0
46.0	46.8	99.4	12 300*	52.9	102.9	16 800*	56.3	104.4	17 200	61.7	106.0	15 200										46.0
48.0	44.0	97.4	11 400*	50.4	101.3	15 400*	53.9	103.0	16 200	59.4	104.8	14 300										48.0
50.0	41.0	95.2	10 600*	47.8	99.5	14 300*	51.4	101.4	15 300	57.1	103.6	13 500										50.0
52.0	37.9	92.7	9 800*	45.0	97.6	13 200*	48.8	99.7	14 400	54.7	102.2	12 700										52.0
54.0	34.5	90.0	9 100*	42.1	95.5	12 300*	46.1	97.9	13 600	52.2	100.7	12 000										54.0
56.0	30.8	86.8	8 400*	39.0	93.1	11 400*	43.3	95.8	12 700*	49.6	99.1	11 300	55.3	100.9	9 700							56.0
58.0	26.6	83.1	7 900*	35.8	90.5	10 600*	40.3	93.6	11 700*	47.0	97.2	10 700	52.8	99.5	9 200							58.0
60.0	21.7	78.5	7 300*	32.2	87.4	9 900*	37.1	91.0	10 900*	44.2	95.3	10 100	50.3	97.9	8 700							60.0
62.0	15.3	72.4	6 800*	28.2	84.0	9 200*	33.7	88.2	10 200*	41.2	93.1	9 600	47.6	96.1	8 200							62.0
64.0				23.6	79.8	8 600*	29.9	84.9	9 500*	38.1	90.6	9 100	44.9	94.1	7 800	50.7	96.1	6 400				64.0
66.0				17.9	74.4	8 000*	25.6	81.0	8 800*	34.7	87.9	8 600	42.0	92.0	7 300	48.1	94.4	6 100				66.0
68.0				9.2	65.8	6 900*	20.4	76.2	8 200*	31.1	84.7	8 200	38.9	89.6	6 900	45.3	92.5	5 700				68.0
70.0							13.4	69.5	7 700*	26.9	81.1	7 800	35.6	87.0	6 500	42.4	90.4	5 400				70.0
72.0										22.1	76.6	7 400	32.0	83.9	6 200	39.4	88.0	5 100	45.5	90.3	3 900	72.0
74.0										15.9	70.6	7 000	28.0	80.4	5 900	36.1	85.4	4 800	42.6	88.2	3 700	74.0
76.0													23.3	76.2	5 600	32.6	82.4	4 500	39.6	85.8	3 400	76.0
78.0													17.6	70.7	5 300	28.7	79.0	4 200	36.4	83.2	3 200	78.0
80.0																24.2	74.9	3 900	32.8	80.3	2 900	80.0
82.0																18.6	69.7	3 700	28.9	76.9	2 700	82.0
84.0																			24.5	72.9	2 500	84.0
86.0																			19.0	67.7	2 300	86.0
88.0																			11.3	60.2	2 100	88.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

53.3m (175 FT.) BOOM, 61.0m (200 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACITY kg	
21.3	75.9	116.5	23 100*																		21.3	
22.0	75.2	116.3	22 900*																		22.0	
24.0	73.2	115.8	22 300*																		24.0	
26.0	71.3	115.1	21 600*																		26.0	
28.0	69.3	114.4	20 800*																		28.0	
30.0	67.2	113.6	19 900*																		30.0	
32.0	65.2	112.7	19 000*																		32.0	
34.0	63.1	111.7	18 000*	68.0	113.3	22 500*															34.0	
36.0	60.9	110.6	17 000*	65.9	112.4	21 600*															36.0	
38.0	58.8	109.4	16 000*	63.8	111.5	20 800*															38.0	
40.0	56.5	108.1	15 000*	61.7	110.4	20 000*	64.7	111.3	20 700												40.0	
42.0	54.2	106.7	14 000*	59.6	109.3	19 100*	62.6	110.3	19 300												42.0	
44.0	51.9	105.2	13 000*	57.3	108.0	17 900*	60.4	109.2	18 100												44.0	
46.0	49.4	103.5	12 200*	55.1	106.7	16 500*	58.2	108.0	16 900												46.0	
48.0	46.9	101.7	11 300*	52.7	105.2	15 200*	56.0	106.7	16 000	61.1	108.4	14 000									48.0	
50.0	44.2	99.7	10 500*	50.3	103.6	14 000*	53.7	105.3	15 000	58.9	107.2	13 200									50.0	
52.0	41.4	97.6	9 800*	47.8	101.8	13 000*	51.3	103.7	14 200	56.7	105.9	12 400									52.0	
54.0	38.5	95.1	9 100*	45.2	99.9	12 000*	48.8	102.0	13 400	54.4	104.5	11 700									54.0	
56.0	35.3	92.4	8 500*	42.5	97.8	11 100*	46.3	100.2	12 400*	52.0	103.0	11 000									56.0	
58.0	31.9	89.4	7 900*	39.6	95.5	10 300*	43.6	98.2	11 500*	49.6	101.4	10 400	55.0	103.3	8 900						58.0	
60.0	28.1	85.9	7 300*	36.5	92.9	9 600*	40.8	95.9	10 700*	47.1	99.6	9 900	52.6	101.8	8 400						60.0	
62.0	23.7	81.7	6 800*	33.2	90.0	8 900*	37.8	93.4	9 900*	44.4	97.6	9 400	50.2	100.2	8 000						62.0	
64.0	18.4	76.4	6 300*	29.5	86.7	8 300*	34.6	90.7	9 300*	41.6	95.4	8 900	47.7	98.4	7 500						64.0	
66.0				25.4	82.8	7 800*	31.1	87.5	8 600*	38.7	93.0	8 400	45.1	96.5	7 100	50.6	98.4	5 800			66.0	
68.0				20.5	77.9	7 200*	27.2	83.9	8 000*	35.6	90.3	8 000	42.3	94.3	6 700	48.1	96.7	5 500			68.0	
70.0				14.1	71.4	6 700*	22.6	79.5	7 500*	32.2	87.3	7 600	39.4	92.0	6 300	45.5	94.8	5 100			70.0	
72.0							17.0	73.8	6 900*	28.4	83.8	7 200	36.4	89.4	6 000	42.8	92.7	4 800			72.0	
74.0										24.1	79.7	6 800	33.0	86.5	5 700	39.9	90.4	4 500	45.7	92.6	3 400	74.0
76.0										18.9	74.5	6 500	29.3	83.1	5 300	36.9	87.8	4 200	43.0	90.5	3 100	76.0
78.0													25.2	79.2	5 000	33.6	85.0	3 900	40.1	88.2	2 900	78.0
80.0													20.2	74.3	4 700	30.0	81.7	3 700	37.1	85.7	2 700	80.0
82.0													13.7	67.6	4 400	25.9	77.9	3 500	33.8	82.8	2 500	82.0
84.0																21.1	73.2	3 200	30.2	79.6	2 300	84.0
86.0																14.9	66.9	3 000	26.2	75.8	2 100	86.0
88.0																			21.5	71.2	1 900	88.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	61.1	79.0	47 400*b																			16.8
18.0	57.3	78.3	45 400*b																			18.0
20.0	50.6	76.8	42 500*b																			20.0
22.0	43.1	74.8	39 900*	60.5	78.3	46 300*b																22.0
24.0	34.3	72.2	37 400*	54.0	77.0	43 300*b																24.0
26.0	22.6	68.4	33 400*	46.9	75.3	40 700*	57.2	77.1	39 400b													26.0
28.0				38.9	73.1	37 900	50.5	75.6	35 900b													28.0
30.0				29.0	70.0	34 700	42.9	73.7	32 900													30.0
32.0				13.3	64.5	31 900	34.1	71.0	30 400	53.4	75.0	27 700b										32.0
34.0							22.3	67.1	28 100	46.3	73.3	25 700										34.0
36.0										38.1	71.0	23 900	49.0	72.3	20 100							36.0
38.0										28.0	67.8	22 300	41.3	70.2	18 800							38.0
40.0													32.1	67.4	17 700							40.0
42.0													19.1	63.1	16 600							42.0
44.0																43.6	68.8	14 800				44.0
46.0																34.9	66.2	13 900				46.0
48.0																23.6	62.5	13 100	45.1	66.7	11 600	48.0
50.0																			36.7	64.3	10 900	50.0
52.0																			26.0	60.9	10 300	52.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	65.0	82.5	46 000*b																			16.8
18.0	61.9	81.9	44 100*b																			18.0
20.0	56.3	80.6	41 200*b																			20.0
22.0	50.4	79.1	38 800*	64.5	81.8	44 900*b																22.0
24.0	43.9	77.2	36 500*	59.1	80.7	42 100*b																24.0
26.0	36.4	74.7	32 900*	53.4	79.3	39 700*	61.7	80.7	39 100b													26.0
28.0	27.3	71.4	29 200*	47.2	77.6	37 300*	56.2	79.5	35 700b													28.0
30.0	13.0	65.6	26 100*	40.3	75.4	34 600	50.3	77.9	32 700													30.0
32.0				32.1	72.6	31 800	43.7	76.0	30 200	58.6	78.8	27 400b										32.0
34.0				21.3	68.5	29 400	36.3	73.5	27 900	52.9	77.3	25 400										34.0
36.0							27.1	70.2	26 000	46.7	75.6	23 600										36.0
38.0							12.5	64.3	24 200	39.7	73.4	22 000										38.0
40.0										31.4	70.5	20 600	49.0	74.6	18 500							40.0
42.0										20.2	66.2	19 300	42.3	72.6	17 400							42.0
44.0													34.6	70.0	16 300							44.0
46.0													24.9	66.3	15 300	44.3	71.1	13 600				46.0
48.0																37.0	68.7	12 900				48.0
50.0																28.0	65.4	12 100				50.0
52.0																			38.4	66.7	10 000	52.0
54.0																			29.8	63.7	9 400	54.0
56.0																			17.7	58.9	8 900	56.0

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	68.0	85.8	44 600*b																			16.8
18.0	65.2	85.3	42 900*b																			18.0
20.0	60.5	84.2	40 200*																			20.0
22.0	55.5	82.9	37 800*	67.5	85.2	43 600*b																22.0
24.0	50.2	81.4	35 600*	62.9	84.2	41 100*b																24.0
26.0	44.5	79.5	32 500*	58.0	83.0	38 700*	65.1	84.1	38 900b													26.0
28.0	38.0	77.1	28 900*	52.9	81.6	36 500*	60.4	83.1	35 500b													28.0
30.0	30.4	74.1	25 800*	47.4	79.9	34 300	55.4	81.8	32 500													30.0
32.0	20.4	69.7	23 100*	41.3	77.8	31 700	50.1	80.2	30 000													32.0
34.0				34.4	75.1	29 400	44.4	78.3	27 800	57.6	81.1	25 200										34.0
36.0				25.9	71.6	27 000*	37.9	75.9	25 800	52.5	79.6	23 400										36.0
38.0				12.6	65.6	24 500*	30.3	72.9	24 100	46.9	77.9	21 800										38.0
40.0							20.1	68.5	22 500	40.8	75.8	20 400	54.4	78.5	18 300							40.0
42.0										33.8	73.1	19 200	49.0	76.9	17 200							42.0
44.0										25.0	69.4	18 000	43.1	74.9	16 100							44.0
46.0													36.5	72.4	15 200	50.6	75.3	13 400				46.0
48.0													28.5	69.2	14 300	44.9	73.4	12 600				48.0
50.0													17.5	64.3	13 500	38.5	71.1	11 900				50.0
52.0																31.0	68.1	11 300	46.0	71.3	9 800	52.0
54.0																21.2	63.9	10 600	39.7	69.1	9 300	54.0
56.0																			32.5	66.3	8 700	56.0
58.0																			23.3	62.4	8 200	58.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 30.5m (100 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	70.3	89.1	43 200*b																			16.8
18.0	67.9	88.6	41 600*b																			18.0
20.0	63.7	87.7	39 000*																			20.0
22.0	59.4	86.6	36 700*																			22.0
24.0	54.9	85.3	34 600*	65.8	87.6	39 900*																24.0
26.0	50.1	83.7	32 000*	61.6	86.6	37 600*	67.8	87.5	38 700b													26.0
28.0	44.9	81.8	28 600*	57.2	85.4	35 500*	63.6	86.5	35 200													28.0
30.0	39.3	79.5	25 600*	52.5	83.9	33 600*	59.3	85.4	32 300													30.0
32.0	32.7	76.7	23 000*	47.6	82.2	31 500	54.8	84.1	29 800													32.0
34.0	24.7	72.9	20 700*	42.2	80.1	29 100	50.0	82.5	27 500	61.2	84.7	24 900										34.0
36.0	12.4	66.7	18 700*	36.1	77.6	26 900*	44.8	80.6	25 600	56.8	83.4	23 100										36.0
38.0				29.0	74.4	24 400*	39.1	78.3	23 900	52.1	82.0	21 500										38.0
40.0				19.5	69.8	22 300*	32.6	75.5	22 400	47.1	80.2	20 200										40.0
42.0							24.5	71.7	21 000	41.7	78.1	18 900	53.9	80.8	16 900							42.0
44.0							12.1	65.4	19 700	35.6	75.5	17 700	49.0	79.2	15 800							44.0
46.0										28.3	72.2	16 700	43.8	77.2	14 900							46.0
48.0										18.5	67.5	15 700	37.9	74.9	14 000	50.4	77.6	12 300				48.0
50.0													31.2	71.9	13 300	45.3	75.7	11 600				50.0
52.0													22.6	67.8	12 500	39.7	73.5	11 000				52.0
54.0																33.2	70.7	10 400	46.3	73.6	8 900	54.0
56.0																25.3	67.0	9 800	40.8	71.5	8 400	56.0
58.0																			34.5	68.8	8 000	58.0
60.0																			27.0	65.3	7 500	60.0
62.0																			16.4	60.1	7 100	62.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 33.5m (110 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	72.2	92.3	42 000*																			16.8
18.0	70.0	91.9	40 400*																			18.0
20.0	66.3	91.1	38 000*																			20.0
22.0	62.5	90.1	35 800*																			22.0
24.0	58.5	88.9	33 800*	68.1	90.9	38 700*																24.0
26.0	54.4	87.6	31 400*	64.4	90.0	36 600*																26.0
28.0	50.0	86.0	28 300*	60.5	88.9	34 700*	66.2	89.9	35 000													28.0
30.0	45.3	84.1	25 400*	56.5	87.7	32 900*	62.4	88.9	32 000													30.0
32.0	40.2	81.9	22 900*	52.2	86.2	31 200	58.4	87.8	29 500													32.0
34.0	34.5	79.2	20 600*	47.7	84.5	29 000	54.3	86.4	27 300													34.0
36.0	27.8	75.8	18 700*	42.8	82.5	26 900	49.9	84.8	25 400	60.2	87.0	22 900										36.0
38.0	18.9	71.0	16 900*	37.5	80.0	24 900*	45.2	82.9	23 700	56.1	85.7	21 300										38.0
40.0				31.3	77.0	22 800*	40.1	80.7	22 200	51.8	84.3	19 900										40.0
42.0				23.7	73.1	20 900*	34.4	78.0	20 800	47.3	82.5	18 700										42.0
44.0				12.2	66.7	19 200*	27.6	74.6	19 500	42.4	80.5	17 600	53.4	83.1	15 600							44.0
46.0							18.7	69.8	18 400	37.0	78.0	16 500	49.0	81.5	14 700							46.0
48.0										30.7	74.9	15 600	44.3	79.6	13 800							48.0
50.0										23.0	70.9	14 700	39.0	77.3	13 000	50.3	79.9	11 400				50.0
52.0													33.1	74.4	12 300	45.7	78.0	10 700				52.0
54.0													26.1	70.8	11 700	40.6	75.9	10 100				54.0
56.0													16.3	65.5	11 000	34.9	73.2	9 600				56.0
58.0																28.3	69.9	9 000	41.6	73.8	7 700	58.0
60.0																19.6	65.2	8 600	36.0	71.3	7 300	60.0
62.0																			29.6	68.1	6 900	62.0
64.0																			21.5	63.8	6 500	64.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 36.6m (120 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	73.7	95.5	40 000*																			16.8
18.0	71.7	95.2	38 600*																			18.0
20.0	68.4	94.4	36 400*																			20.0
22.0	64.9	93.5	34 400*																			22.0
24.0	61.4	92.5	32 500*																			24.0
26.0	57.7	91.3	30 700*	66.7	93.4	35 100*																26.0
28.0	53.9	89.9	28 000*	63.2	92.4	33 300*																28.0
30.0	49.9	88.3	25 300*	59.6	91.3	31 600*	64.9	92.4	31 800													30.0
32.0	45.6	86.4	22 900*	55.9	90.0	30 100*	61.3	91.3	29 300													32.0
34.0	41.0	84.3	20 600*	51.9	88.5	28 600*	57.7	90.1	27 100													34.0
36.0	35.9	81.7	18 700*	47.8	86.8	26 700	53.9	88.7	25 100													36.0
38.0	30.1	78.5	17 000*	43.4	84.8	24 900*	49.8	87.1	23 400	59.3	89.4	21 000										38.0
40.0	22.9	74.4	15 500*	38.5	82.4	22 800*	45.6	85.2	21 900	55.5	88.1	19 700										40.0
42.0	12.1	67.8	14 200*	33.1	79.6	20 900*	40.9	83.1	20 600	51.6	86.6	18 400										42.0
44.0				26.7	76.0	19 200*	35.8	80.5	19 300	47.5	84.8	17 300										44.0
46.0				18.3	71.1	17 800*	29.9	77.3	18 200	43.0	82.8	16 300	53.1	85.4	14 300							46.0
48.0							22.7	73.2	17 200	38.1	80.4	15 300	49.0	83.8	13 500							48.0
50.0							11.8	66.5	16 200	32.6	77.5	14 500	44.7	81.9	12 800							50.0
52.0										26.1	73.9	13 700	40.0	79.6	12 000	50.2	82.2	10 400				52.0
54.0										17.4	68.7	13 000	34.7	77.0	11 400	45.9	80.4	9 800				54.0
56.0													28.6	73.6	10 800	41.4	78.2	9 300				56.0
58.0													21.0	69.2	10 200	36.3	75.7	8 800	46.8	78.2	7 400	58.0
60.0																30.5	72.6	8 300	42.2	76.2	7 000	60.0
62.0																23.4	68.5	7 900	37.3	73.7	6 600	62.0
64.0																13.1	62.2	7 400	31.6	70.7	6 200	64.0
66.0																			24.9	66.9	5 900	66.0
68.0																			15.5	61.3	5 500	68.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 39.6m (130 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	75.0	98.7	38 700*																			16.8
18.0	73.2	98.4	37 400*																			18.0
20.0	70.1	97.7	35 300*																			20.0
22.0	67.0	96.9	33 400*																			22.0
24.0	63.8	95.9	31 700*																			24.0
26.0	60.5	94.8	29 900*	68.6	96.7	34 100*																26.0
28.0	57.1	93.6	27 400*	65.4	95.8	32 400*																28.0
30.0	53.6	92.2	24 900*	62.2	94.8	30 900*																30.0
32.0	49.8	90.6	22 600*	58.8	93.7	29 400*	63.7	94.8	29 100													32.0
34.0	45.9	88.7	20 500*	55.3	92.3	28 000*	60.4	93.7	27 000													34.0
36.0	41.7	86.6	18 600*	51.7	90.8	26 600	57.0	92.4	25 100													36.0
38.0	37.1	84.1	16 900*	47.9	89.1	24 800	53.5	91.0	23 300													38.0
40.0	31.9	81.1	15 500*	43.8	87.1	22 700*	49.8	89.4	21 900	58.5	91.7	19 500										40.0
42.0	25.8	77.4	14 100*	39.4	84.8	20 900*	45.8	87.6	20 500	55.0	90.4	18 300										42.0
44.0	17.8	72.3	13 000*	34.6	82.1	19 200*	41.6	85.4	19 200	51.4	88.9	17 200										44.0
46.0				29.0	78.8	17 800*	37.0	82.9	18 100	47.6	87.1	16 200	56.3	89.2	14 300							46.0
48.0				22.1	74.5	16 400*	31.8	79.9	17 100	43.5	85.1	15 300	52.8	87.8	13 400							48.0
50.0				11.9	67.7	15 300*	25.7	76.2	16 200	39.0	82.8	14 400	49.0	86.1	12 700							50.0
52.0							17.6	71.0	15 300	34.1	80.0	13 600	45.0	84.2	12 000							52.0
54.0										28.5	76.7	12 900	40.7	82.0	11 300	50.1	84.5	9 800				54.0
56.0										21.4	72.3	12 200	36.0	79.4	10 700	46.2	82.7	9 200				56.0
58.0													30.7	76.3	10 100	42.0	80.6	8 700				58.0
60.0													24.3	72.4	9 600	37.4	78.1	8 300				60.0
62.0													15.5	66.7	9 100	32.3	75.2	7 800	42.8	78.5	6 500	62.0
64.0																26.2	71.5	7 400	38.3	76.1	6 100	64.0
66.0																18.4	66.5	7 000	33.3	73.3	5 800	66.0
68.0																			27.4	69.8	5 500	68.0
70.0																			20.1	65.1	5 100	70.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 42.7m (140 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	74.0	101.5	35 700*																			18.3
20.0	71.6	100.9	34 200*																			20.0
22.0	68.7	100.2	32 400*																			22.0
24.0	65.8	99.3	30 700*																			24.0
26.0	62.8	98.3	28 800*	70.2	100.0	32 900*																26.0
28.0	59.7	97.2	26 500*	67.3	99.2	31 400*																28.0
30.0	56.5	95.9	24 400*	64.3	98.2	30 000*																30.0
32.0	53.2	94.5	22 300*	61.3	97.2	28 600*	65.7	98.1	28 900													32.0
34.0	49.8	92.9	20 300*	58.1	96.0	27 300*	62.7	97.2	26 700													34.0
36.0	46.1	91.0	18 500*	54.9	94.7	26 000*	59.7	96.0	24 800													36.0
38.0	42.3	88.9	16 900*	51.5	93.1	24 600	56.5	94.8	23 100													38.0
40.0	38.0	86.5	15 400*	48.0	91.4	22 500*	53.2	93.3	21 600	61.0	95.3	19 300										40.0
42.0	33.4	83.7	14 100*	44.2	89.4	20 600*	49.7	91.7	20 300	57.9	94.1	18 000										42.0
44.0	28.0	80.3	12 900*	40.2	87.2	19 000*	46.1	89.9	19 000	54.6	92.7	16 900										44.0
46.0	21.5	75.8	11 900*	35.8	84.6	17 500*	42.2	87.8	17 900	51.2	91.2	15 900										46.0
48.0	11.8	68.9	11 000*	30.8	81.5	16 300*	38.0	85.3	16 900	47.7	89.4	15 000	55.8	91.5	13 100							48.0
50.0				25.0	77.6	15 100*	33.3	82.5	16 000	43.9	87.4	14 200	52.5	90.1	12 400							50.0
52.0				17.3	72.3	14 000*	27.9	79.0	15 100	39.8	85.2	13 400	49.0	88.4	11 700							52.0
54.0							21.3	74.6	14 300	35.4	82.5	12 700	45.3	86.5	11 000							54.0
56.0							11.5	67.6	13 500*	30.3	79.4	12 000	41.4	84.3	10 500	50.0	86.8	8 900				56.0
58.0										24.4	75.4	11 400	37.1	81.8	9 900	46.4	85.0	8 400				58.0
60.0										16.5	69.9	10 800	32.3	78.9	9 400	42.5	82.9	7 900				60.0
62.0													26.7	75.3	8 900	38.3	80.5	7 500				62.0
64.0													19.8	70.5	8 400	33.7	77.7	7 100	43.3	80.8	5 800	64.0
66.0																28.4	74.3	6 800	39.1	78.5	5 500	66.0
68.0																22.0	70.0	6 400	34.6	75.8	5 200	68.0
70.0																12.7	63.3	6 000	29.5	72.5	4 900	70.0
72.0																			23.3	68.4	4 600	72.0
74.0																			14.9	62.4	4 300	74.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
WITH THE INTENT TO BE IN
THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

56.4m (185 FT.) BOOM, 45.7m (150 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
18.3	75.1	104.6	33 900*																			18.3
20.0	72.9	104.1	32 800*																			20.0
22.0	70.2	103.4	31 200*																			22.0
24.0	67.5	102.6	29 500*																			24.0
26.0	64.8	101.7	27 600*																			26.0
28.0	61.9	100.7	25 700*	68.9	102.5	30 500*																28.0
30.0	59.1	99.6	23 700*	66.1	101.6	29 100*																30.0
32.0	56.1	98.3	21 800*	63.4	100.7	27 800*																32.0
34.0	53.0	96.8	20 000*	60.5	99.6	26 600*	64.7	100.6	26 500													34.0
36.0	49.7	95.2	18 400*	57.6	98.3	25 400*	61.9	99.5	24 600													36.0
38.0	46.3	93.3	16 800*	54.5	97.0	24 300*	59.0	98.4	22 900													38.0
40.0	42.7	91.3	15 400*	51.4	95.4	22 700*	56.0	97.1	21 400													40.0
42.0	38.9	88.9	14 100*	48.1	93.7	20 800*	52.9	95.6	20 000	60.3	97.6	17 800										42.0
44.0	34.6	86.2	12 900*	44.6	91.8	19 100*	49.7	94.0	18 800	57.3	96.4	16 700										44.0
46.0	29.8	83.0	11 900*	40.8	89.6	17 600*	46.3	92.2	17 700	54.3	95.0	15 700										46.0
48.0	24.2	79.0	11 000*	36.8	87.0	16 300*	42.7	90.1	16 700	51.1	93.5	14 800										48.0
50.0	16.9	73.5	10 100*	32.3	84.1	15 200*	38.8	87.7	15 800	47.8	91.7	14 000	55.4	93.9	12 100							50.0
52.0				27.2	80.5	14 100*	34.5	85.0	14 900	44.3	89.8	13 200	52.3	92.4	11 500							52.0
54.0				20.9	75.9	13 200*	29.8	81.8	14 200	40.5	87.5	12 500	49.0	90.7	10 800							54.0
56.0				11.7	68.8	11 900*	24.1	77.7	13 400	36.4	85.0	11 800	45.6	88.8	10 200							56.0
58.0							16.8	72.2	12 700*	31.9	82.0	11 200	41.9	86.7	9 700	50.0	89.1	8 200				58.0
60.0										26.7	78.3	10 600	38.0	84.3	9 200	46.6	87.3	7 700				60.0
62.0										20.3	73.6	10 100	33.6	81.4	8 700	43.0	85.2	7 300				62.0
64.0										10.5	66.1	9 600	28.7	78.1	8 200	39.1	82.9	6 900				64.0
66.0													22.8	73.8	7 800	34.9	80.2	6 500				66.0
68.0													14.9	67.8	7 400	30.2	77.0	6 200	43.7	83.1	5 300	68.0
70.0																24.7	73.1	5 800	39.9	80.9	5 000	70.0
72.0																17.5	67.7	5 500	31.1	75.1	4 400	72.0
74.0																			25.8	71.4	4 100	74.0
76.0																			19.0	66.4	3 800	76.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

DESIGNED AND TESTED
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THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

59.4m (195 FT.) BOOM, 21.3m (70 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	61.4	82.1	46 600*b																			16.8
18.0	57.7	81.4	44 700*b																			18.0
20.0	51.0	79.9	41 800*b																			20.0
22.0	43.5	78.0	39 300*	61.6	81.6	46 100*b																22.0
24.0	34.8	75.4	36 500*	55.3	80.3	43 200*b																24.0
26.0	23.4	71.7	32 500*	48.3	78.7	40 700*b	58.9	80.5	39 000b													26.0
28.0				40.5	76.5	37 600	52.3	79.0	35 500b													28.0
30.0				31.0	73.7	34 500	45.0	77.2	32 600													30.0
32.0				17.3	69.0	31 700	36.6	74.8	30 000	56.1	78.6	27 200b										32.0
34.0							25.9	71.4	27 800	49.2	77.0	25 100b										34.0
36.0										41.5	74.9	23 400										36.0
38.0										32.4	72.2	21 800	52.7	76.0	19 500b							38.0
40.0													45.5	74.2	18 200							40.0
42.0													37.1	71.9	17 100							42.0
44.0													26.7	68.5	16 100							44.0
46.0																40.7	70.7	13 300				46.0
48.0																31.3	67.9	12 500				48.0
50.0																17.9	63.3	11 800				50.0
52.0																			43.2	68.8	10 200	52.0
54.0																			34.4	66.2	9 600	54.0
																			22.8	62.4	9 100	

MANITOWOC ENGINEERING CO.

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LIFTCRANE LUFFING JIB CAPACITIES

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THE SCOPE OF ANSI B30.5

M-250 SERIES 2

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

59.4m (195 FT.) BOOM, 24.4m (80 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	65.3	85.6	45 100*b																			16.8
18.0	62.1	85.0	43 300*b																			18.0
20.0	56.6	83.7	40 600*b																			20.0
22.0	50.7	82.2	38 200*	65.5	85.0	44 700*b																22.0
24.0	44.2	80.3	35 700*	60.1	83.9	42 000*b																24.0
26.0	36.9	77.9	31 900*	54.5	82.6	39 500*	63.2	84.0	38 700b													26.0
28.0	27.8	74.6	28 400*	48.4	81.0	37 200*	57.7	82.8	35 300b													28.0
30.0	14.1	69.2	25 500*	41.6	78.9	34 300	51.9	81.4	32 300													30.0
32.0				33.8	76.2	31 600	45.5	79.5	29 800													32.0
34.0				23.7	72.4	29 300	38.4	77.2	27 600	55.2	80.9	24 900b										34.0
36.0							29.8	74.2	25 700	49.2	79.3	23 100										36.0
38.0							17.6	69.4	23 900	42.5	77.3	21 600										38.0
40.0										34.9	74.7	20 200	52.2	78.3	17 900							40.0
42.0										25.2	71.1	18 900	45.9	76.6	16 800							42.0
44.0													38.8	74.3	15 800							44.0
46.0													30.3	71.3	14 800	48.6	75.1	13 000				46.0
48.0													18.5	66.7	13 900	41.8	73.1	12 200				48.0
50.0																34.0	70.4	11 500				50.0
52.0																24.0	66.7	10 900				52.0
54.0																			44.0	71.1	9 300	54.0
56.0																			36.6	68.7	8 800	56.0
																			27.4	65.4	8 300	

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LIFTCRANE LUFFING JIB CAPACITIES

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M-250 SERIES 2

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

59.4m (195 FT.) BOOM, 27.4m (90 FT.) LUFFING JIB

JIB OPER. RAD. m	88 DEGREE BOOM ANGLE			83 DEGREE BOOM ANGLE			80 DEGREE BOOM ANGLE			75 DEGREE BOOM ANGLE			70 DEGREE BOOM ANGLE			65 DEGREE BOOM ANGLE			60 DEGREE BOOM ANGLE			JIB OPER. RAD. m
	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACITY kg	
16.8	68.2	88.9	43 800*b																			16.8
18.0	65.5	88.4	42 100*b																			18.0
20.0	60.8	87.3	39 500*b																			20.0
22.0	55.8	86.1	37 200*	68.4	88.3	43 400*b																22.0
24.0	50.5	84.5	34 900*	63.8	87.4	40 800*b																24.0
26.0	44.8	82.6	31 400*	59.0	86.3	38 500*	66.4	87.4	38 500b													26.0
28.0	38.4	80.3	28 100*	53.9	84.9	36 400*	61.7	86.4	35 000b													28.0
30.0	30.9	77.3	25 100*	48.5	83.3	34 100	56.8	85.1	32 100													30.0
32.0	21.0	73.1	22 600*	42.5	81.2	31 500	51.6	83.7	29 600													32.0
34.0				35.8	78.7	29 100	45.9	81.8	27 400	59.6	84.5	24 700										34.0
36.0				27.6	75.4	27 100	39.7	79.6	25 500	54.5	83.2	22 900										36.0
38.0				16.0	70.1	24 900*	32.5	76.8	23 800	49.2	81.6	21 300										38.0
40.0							23.2	72.9	22 300	43.3	79.6	20 000	57.1	82.1	17 700							40.0
42.0										36.7	77.2	18 800	51.9	80.6	16 600							42.0
44.0										28.8	73.9	17 600	46.3	78.9	15 600							44.0
46.0													40.1	76.7	14 700							46.0
48.0													32.9	73.9	13 800	48.6	77.4	12 000				48.0
50.0													23.9	70.0	13 000	42.7	75.4	11 300				50.0
52.0																36.0	72.9	10 700				52.0
54.0																27.9	69.6	10 100				54.0
56.0																16.4	64.5	9 500	44.6	73.5	8 600	56.0
58.0																			38.1	71.1	8 100	58.0
60.0																			30.6	68.1	7 600	60.0
																			20.6	63.8	7 200	