

# 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**

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

CAPACITIES FOR VARIOUS BOOM LENGTHS, BOOM ANGLES, LUFFING JIB LENGTHS, AND LUFFING JIB OPERATING RADIUS 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 AND 56.4m 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 RADIUS 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, AND 75 750 kg CRANE COUNTERWEIGHT.

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		

CONSULT CHART NO. 7718-AM FOR LIFTING OFF MAIN BOOM POINT WITH LUFFING JIB ATTACHED.

# 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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	67.2	49.6	58 300* <sup>b</sup>																			13.7
14.0	66.4	49.5	57 500* <sup>b</sup>																			14.0
16.0	60.3	48.4	51 500* <sup>b</sup>																			16.0
18.0	53.8	47.1	45 700*	61.4	48.2	52 500* <sup>b</sup>																18.0
20.0	46.7	45.3	41 400*	55.0	47.0	48 300* <sup>b</sup>	59.5	47.6	47 800 <sup>b</sup>													20.0
22.0	38.6	43.1	38 000*	48.0	45.3	43 300	52.9	46.2	42 200	60.3	47.0	40 700 <sup>b</sup>										22.0
24.0	28.6	40.0	35 300*	40.1	43.2	38 700	45.7	44.4	37 800	53.8	45.7	36 300										24.0
26.0				30.6	40.2	34 900	37.4	42.0	34 100	46.7	44.0	32 800	54.5	44.9	31 500							26.0
28.0							27.0	38.7	31 000	38.6	41.7	29 900	47.5	43.3	28 700							28.0
30.0										28.7	38.6	27 300	39.5	41.1	26 300	47.9	42.3	25 200				30.0
32.0										12.5	32.9	25 100	29.8	38.1	24 100	40.0	40.1	23 200				32.0
34.0																30.4	37.2	21 400	40.1	38.9	20 500	34.0
36.0																16.2	32.3	19 800	30.5	35.9	19 000	36.0
38.0																		16.3	31.1	17 700		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.	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	70.2	52.9	56 800* <sup>b</sup>																			13.7
14.0	69.5	52.8	56 100* <sup>b</sup>																			14.0
16.0	64.3	51.9	51 000* <sup>b</sup>																			16.0
18.0	58.9	50.8	45 700*	65.2	51.7	51 100* <sup>b</sup>																18.0
20.0	53.2	49.4	41 100*	59.9	50.6	47 100*	63.6	51.1	47 600 <sup>b</sup>													20.0
22.0	47.0	47.7	37 500*	54.2	49.3	43 300*	58.2	49.9	42 100													22.0
24.0	40.1	45.5	34 600*	48.1	47.6	38 500	52.4	48.5	37 600	59.0	49.4	36 200										24.0
26.0	31.9	42.6	32 300*	41.3	45.5	34 800	46.1	46.7	34 000	53.2	48.0	32 600										26.0
28.0	20.9	38.4	29 500*	33.4	42.8	31 600	39.1	44.4	30 900	47.0	46.3	29 600	53.8	47.3	28 500							28.0
30.0				23.2	38.9	28 900	30.6	41.5	28 300	40.1	44.1	27 200	47.7	45.6	26 000							30.0
32.0							19.0	37.0	26 000	31.9	41.2	25 000	40.8	43.4	23 900	48.0	44.6	22 900				32.0
34.0										21.0	37.0	23 000	32.8	40.7	22 100	41.2	42.5	21 200				34.0
36.0													22.3	36.7	20 500	33.3	39.8	19 600	41.3	41.3	18 800	36.0
38.0																23.0	35.9	18 200	33.3	38.5	17 500	38.0
40.0																		23.1	34.7	16 300		40.0

# 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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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	47 400b													20.0
22.0	52.8	51.7	37 300*	58.7	53.0	42 500*	62.1	53.4	41 900													22.0
24.0	47.2	50.0	34 300*	53.7	51.6	38 500	57.2	52.2	37 500													24.0
26.0	41.2	47.8	31 800*	48.2	49.9	34 700	52.0	50.8	33 800	57.9	51.7	32 400										26.0
28.0	34.2	45.2	29 600*	42.3	47.9	31 500	46.5	49.0	30 800	52.8	50.3	29 500										28.0
30.0	25.6	41.6	26 700*	35.5	45.3	28 900	40.3	46.8	28 200	47.2	48.6	27 000	53.3	49.6	25 800							30.0
32.0	12.0	35.4	24 300*	27.2	41.9	26 600	33.2	44.1	25 900	41.2	46.5	24 900	47.8	47.9	23 800							32.0
34.0							24.2	40.3	24 000	34.2	43.8	23 000	41.8	45.8	22 000	48.1	46.9	21 000				34.0
36.0										25.6	40.2	21 300	34.9	43.2	20 400	42.2	44.8	19 500				36.0
38.0										12.0	34.0	19 800	26.6	39.7	19 000	35.4	42.3	18 100	42.2	43.6	17 300	38.0
40.0																27.1	38.9	16 900	35.4	41.0	16 200	40.0
42.0																15.0	33.4	15 700	27.2	37.6	15 100	42.0
44.0																		15.1	32.2	14 100		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	41 800													22.0
24.0	52.4	54.0	34 000*	57.8	55.3	38 300	60.9	55.8	37 300													24.0
26.0	47.4	52.3	31 500*	53.2	53.9	34 500	56.4	54.6	33 600	61.5	55.3	32 200										26.0
28.0	42.0	50.2	29 200*	48.3	52.2	31 400	51.7	53.1	30 600	57.0	54.1	29 300										28.0
30.0	35.9	47.6	26 600*	43.0	50.2	28 700	46.7	51.3	28 000	52.4	52.6	26 800	52.9	51.9	23 500							30.0
32.0	28.7	44.4	24 200*	37.0	47.8	26 400	41.2	49.2	25 800	47.4	50.9	24 600	47.9	50.2	21 700							32.0
34.0	19.2	39.7	22 100*	30.1	44.7	24 400	35.0	46.6	23 800	42.0	48.8	22 800	42.6	48.1	20 100	48.2	49.2	19 200				34.0
36.0				21.1	40.3	22 500*	27.6	43.2	22 100	35.9	46.3	21 100	36.6	45.6	18 700	42.9	47.2	17 900				36.0
38.0							17.5	38.2	20 500	28.7	43.0	19 700	29.5	42.5	17 500	36.9	44.7	16 700	42.9	45.9	15 900	38.0
40.0										19.2	38.4	18 300	20.4	38.0	16 300	30.0	41.6	15 600	30.0	40.4	13 900	40.0
42.0																21.0	37.3	14 600	21.1	36.0	13 000	42.0
44.0																						44.0
46.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	75.8	62.5	52 300*b																			13.7
14.0	75.3	62.4	51 700*b																			14.0
16.0	71.7	61.8	47 500*b																			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	37 800	63.8	59.3	37 100													24.0
26.0	52.1	56.3	31 900*	57.0	57.6	34 300	59.8	58.2	33 400													26.0
28.0	47.6	54.6	29 600*	52.8	56.2	31 200	55.8	56.9	30 400	60.4	57.6	29 100										28.0
30.0	42.7	52.5	27 300*	48.4	54.5	28 500	51.5	55.4	27 800	56.3	56.4	26 600										30.0
32.0	37.3	50.1	24 900*	43.6	52.5	26 300	46.9	53.6	25 500	52.1	54.9	24 400										32.0
34.0	31.1	47.1	22 700*	38.3	50.2	24 300	42.0	51.5	23 600	47.6	53.2	22 600	52.5	54.2	21 500							34.0
36.0	23.5	43.1	20 900*	32.2	47.3	22 500	36.5	49.0	21 900	42.7	51.1	20 900	48.0	52.5	20 000							36.0
38.0	11.7	36.5	18 600*	24.9	43.5	20 900	30.2	45.9	20 400	37.3	48.7	19 500	43.2	50.5	18 600	48.3	51.5	17 700				38.0
40.0							22.2	41.7	19 000	31.1	45.7	18 200	37.9	48.1	17 300	43.5	49.5	16 500				40.0
42.0										23.5	41.7	17 000	31.8	45.1	16 200	38.2	47.1	15 400	43.5	48.3	14 600	42.0
44.0										11.7	35.1	15 900	24.3	41.3	15 200	32.1	44.2	14 400	38.2	45.9	13 700	44.0
46.0																24.8	40.4	13 500	32.2	43.0	12 900	46.0
48.0																14.2	34.6	12 700	24.9	39.2	12 100	48.0
50.0																			14.3	33.4	11 300	50.0

#### 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.	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	74.6	65.2	47 700*b																			15.2
16.0	73.3	65.0	46 300*b																			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	34 100	62.6	61.7	33 200													26.0
28.0	51.8	58.6	29 400*	56.4	60.0	31 000	59.0	60.5	30 200													28.0
30.0	47.7	56.9	27 100*	52.5	58.5	28 300	55.2	59.2	27 600	59.5	60.0	26 400										30.0
32.0	43.2	54.9	24 700*	48.4	56.8	26 100	51.3	57.7	25 400	55.7	58.7	24 200										32.0
34.0	38.4	52.5	22 500*	44.0	54.9	24 100	47.1	55.9	23 400	51.8	57.2	22 300	56.1	58.0	21 300							34.0
36.0	32.9	49.6	20 700*	39.3	52.6	22 300	42.6	53.9	21 700	47.7	55.5	20 700	52.2	56.5	19 700							36.0
38.0	26.5	46.0	19 100*	33.9	49.8	20 800	37.7	51.4	20 200	43.2	53.5	19 200	48.1	54.8	18 300							38.0
40.0	18.0	41.0	17 600*	27.7	46.4	19 400	32.1	48.5	18 800	38.4	51.1	18 000	43.7	52.8	17 100	48.4	53.8	16 200				40.0
42.0				19.7	41.7	17 900*	25.5	44.8	17 600	32.9	48.2	16 800	38.9	50.5	16 000	44.0	51.8	15 200				42.0
44.0							16.5	39.4	16 500	26.5	44.7	15 700	33.5	47.7	15 000	39.2	49.5	14 200	44.0	50.6	13 500	44.0
46.0										18.0	39.6	14 800	27.2	44.2	14 100	33.8	46.8	13 300	39.2	48.3	12 600	46.0
48.0													19.0	39.3	13 200	27.6	43.3	12 500	33.9	45.5	11 900	48.0
50.0																19.6	38.6	11 800	27.6	42.1	11 200	50.0
52.0																			19.6	37.4	10 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	75.8	68.4	46 400* <sup>b</sup>																			15.2
16.0	74.6	68.2	45 100* <sup>b</sup>																			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	33 900*	64.9	65.1	33 100													26.0
28.0	55.2	62.4	29 400*	59.3	63.6	30 900	61.6	64.1	30 100													28.0
30.0	51.6	60.9	27 100*	55.8	62.3	28 200	58.3	62.9	27 400													30.0
32.0	47.8	59.2	24 600*	52.2	60.8	26 000	54.8	61.5	25 300	58.7	62.4	24 100										32.0
34.0	43.7	57.2	22 500*	48.5	59.1	24 000	51.1	60.0	23 300	55.2	61.0	22 300										34.0
36.0	39.3	54.9	20 600*	44.4	57.2	22 200	47.3	58.2	21 600	51.6	59.5	20 600	55.6	60.3	19 600							36.0
38.0	34.4	52.1	19 000*	40.1	54.9	20 700	43.1	56.2	20 100	47.8	57.8	19 200	52.0	58.8	18 200							38.0
40.0	28.8	48.8	17 600*	35.3	52.3	19 300*	38.7	53.8	18 800	43.7	55.8	17 900	48.2	57.1	17 000	52.2	57.8	16 200				40.0
42.0	21.9	44.5	16 300*	29.8	49.1	17 800*	33.7	51.0	17 600	39.3	53.5	16 700	44.1	55.1	15 900	48.4	56.1	15 100				42.0
44.0	11.4	37.6	14 700*	23.2	45.0	16 500*	28.0	47.6	16 500	34.4	50.8	15 700	39.8	52.8	14 900	44.4	54.2	14 100				44.0
46.0							20.8	43.1	15 500	28.8	47.4	14 700	34.9	50.2	14 000	40.0	51.9	13 300	44.4	52.9	12 500	46.0
48.0										21.9	43.1	13 900	29.4	46.9	13 200	35.2	49.3	12 400	40.0	50.7	11 800	48.0
50.0										11.5	36.2	13 000	22.7	42.7	12 400	29.7	46.0	11 700	35.3	48.0	11 100	50.0
52.0																23.1	41.9	11 000	29.8	44.8	10 400	52.0
54.0																13.7	35.7	10 400	23.2	40.7	9 800	54.0
56.0																			13.7	34.5	9 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	32 900													26.0
28.0	58.1	66.1	29 400*	61.7	67.1	30 800	63.8	67.5	29 800													28.0
30.0	54.8	64.7	26 900*	58.6	65.9	28 100	60.8	66.4	27 300													30.0
32.0	51.4	63.2	24 400*	55.4	64.6	25 800	57.6	65.2	25 000													32.0
34.0	47.9	61.5	22 200*	52.0	63.1	23 800	54.4	63.8	23 200	58.1	64.7	22 000										34.0
36.0	44.1	59.5	20 400*	48.5	61.4	22 000	51.0	62.3	21 400	54.8	63.3	20 400										36.0
38.0	40.1	57.2	18 800*	44.8	59.5	20 500	47.4	60.5	19 900	51.4	61.8	19 000	55.1	62.6	18 000							38.0
40.0	35.6	54.6	17 400*	40.8	57.3	19 100*	43.6	58.5	18 600	47.9	60.1	17 700	51.8	61.1	16 800							40.0
42.0	30.6	51.5	16 100*	36.4	54.7	17 600*	39.5	56.2	17 400	44.1	58.1	16 500	48.2	59.4	15 700							42.0
44.0	24.8	47.6	14 900*	31.6	51.7	16 300*	35.0	53.5	16 300	40.1	55.9	15 500	44.5	57.4	14 700	48.5	58.4	13 900				44.0
46.0	17.0	42.2	13 900*	25.9	48.0	15 200*	29.9	50.3	15 300	35.6	53.2	14 600	40.5	55.2	13 800	44.7	56.5	13 000				46.0
48.0				18.6	42.9	14 100*	23.9	46.3	14 400	30.6	50.1	13 700	36.1	52.6	12 900	40.7	54.3	12 200	44.7	55.2	11 600	48.0
50.0							15.7	40.6	13 600	24.8	46.2	12 900	31.2	49.6	12 200	36.4	51.7	11 500	40.7	53.0	10 800	50.0
52.0										17.0	40.8	12 100	25.4	45.8	11 500	31.5	48.7	10 800	36.4	50.5	10 200	52.0
54.0													18.0	40.6	10 800	25.8	44.9	10 200	31.5	47.4	9 600	54.0
56.0																18.5	39.9	9 600	25.8	43.7	9 100	56.0
58.0																			18.5	38.6	8 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	29 700													28.0
30.0	57.5	68.4	27 100*	60.9	69.5	27 900	62.9	69.9	27 000													30.0
32.0	54.4	67.0	24 800*	58.0	68.3	25 600	60.0	68.8	24 900													32.0
34.0	51.3	65.5	22 600*	55.0	66.9	23 600	57.1	67.6	22 900	60.4	68.3	21 800										34.0
36.0	48.0	63.8	20 700*	51.8	65.4	21 900	54.0	66.2	21 200	57.5	67.0	20 200										36.0
38.0	44.4	61.8	19 100*	48.5	63.7	20 300	50.8	64.6	19 700	54.4	65.7	18 800										38.0
40.0	40.7	59.6	17 600*	45.1	61.8	19 000	47.5	62.8	18 400	51.3	64.1	17 500	54.7	64.9	16 600							40.0
42.0	36.7	57.1	16 300*	41.4	59.6	17 800*	44.0	60.8	17 200	48.0	62.4	16 300	51.6	63.4	15 500							42.0
44.0	32.2	54.1	15 000*	37.4	57.2	16 500*	40.2	58.6	16 100	44.5	60.4	15 300	48.3	61.7	14 500							44.0
46.0	27.0	50.5	13 900*	33.0	54.3	15 300*	36.1	56.0	15 100	40.7	58.2	14 300	44.8	59.7	13 600	48.5	60.7	12 800				46.0
48.0	20.7	45.9	12 800*	28.0	50.8	14 100*	31.5	53.0	14 300	36.7	55.7	13 500	41.1	57.6	12 800	45.0	58.8	12 000				48.0
50.0	11.3	38.6	11 300*	21.9	46.4	13 100*	26.2	49.3	13 400	32.2	52.7	12 700	37.1	55.1	12 000	41.3	56.6	11 300	45.0	57.5	10 600	50.0
52.0							19.7	44.4	12 700	27.0	49.1	11 900	32.6	52.1	11 300	37.3	54.1	10 600	41.3	55.4	10 000	52.0
54.0										20.7	44.5	11 300	27.6	48.6	10 700	32.9	51.2	10 000	37.3	52.9	9 400	54.0
56.0										11.3	37.3	10 600	21.4	44.1	10 000	27.9	47.8	9 500	32.9	50.0	8 800	56.0
58.0																21.8	43.3	8 900	27.9	46.5	8 400	58.0
60.0																13.2	36.8	8 400	21.8	42.1	7 900	60.0
62.0																			13.3	35.6	7 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	29 400													28.0
30.0	59.7	72.0	26 500*	62.9	72.9	27 600	64.7	73.3	26 800													30.0
32.0	57.0	70.8	24 500*	60.2	71.8	25 400	62.1	72.3	24 600													32.0
34.0	54.1	69.4	22 400*	57.5	70.6	23 400	59.4	71.2	22 700													34.0
36.0	51.1	67.8	20 500*	54.6	69.2	21 700	56.6	69.9	21 000	59.7	70.6	20 000										36.0
38.0	48.0	66.1	18 800*	51.6	67.7	20 200	53.7	68.5	19 500	57.0	69.4	18 500										38.0
40.0	44.7	64.1	17 300*	48.6	66.0	18 800	50.7	66.9	18 200	54.1	68.0	17 300	57.3	68.6	16 300							40.0
42.0	41.3	62.0	16 100*	45.3	64.1	17 500*	47.6	65.1	17 000	51.1	66.4	16 100	54.4	67.2	15 200							42.0
44.0	37.5	59.5	14 900*	41.9	62.0	16 300*	44.3	63.2	15 900	48.0	64.7	15 100	51.4	65.7	14 200							44.0
46.0	33.4	56.6	13 800*	38.2	59.6	15 100*	40.8	60.9	15 000	44.7	62.7	14 200	48.3	64.0	13 300	51.6	64.7	12 600				46.0
48.0	28.8	53.3	12 800*	34.2	56.8	14 000*	37.0	58.4	14 000	41.3	60.6	13 300	45.1	62.1	12 500	48.5	63.0	11 800				48.0
50.0	23.4	49.1	11 800*	29.7	53.5	13 000*	32.9	55.5	13 300	37.5	58.1	12 500	41.6	59.9	11 800	45.3	61.1	11 100				50.0
52.0	16.3	43.4	10 800*	24.4	49.5	12 000*	28.2	52.1	12 500	33.4	55.2	11 800	37.9	57.5	11 100	41.8	59.0	10 400	45.3	59.8	9 800	52.0
54.0				17.7	44.2	11 100*	22.6	47.7	11 800*	28.8	51.9	11 100	33.9	54.7	10 500	38.1	56.5	9 800	41.9	57.7	9 200	54.0
56.0							15.1	41.7	10 800*	23.4	47.7	10 500	29.3	51.3	9 900	34.1	53.7	9 200	38.2	55.3	8 600	56.0
58.0										16.3	42.0	9 900	24.0	47.3	9 300	29.6	50.5	8 700	34.1	52.5	8 100	58.0
60.0													17.2	41.8	8 800	24.3	46.5	8 200	29.6	49.2	7 700	60.0
62.0																17.6	41.1	7 700	24.4	45.2	7 200	62.0
64.0																5.3	30.8	7 300	17.7	39.9	6 800	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

FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	26 700													30.0
32.0	59.1	74.4	24 400*	62.1	75.3	25 300	63.9	75.7	24 500													32.0
34.0	56.5	73.1	22 200*	59.6	74.2	23 300	61.4	74.7	22 600													34.0
36.0	53.8	71.7	20 400*	57.0	72.9	21 600	58.8	73.5	20 900	61.7	74.1	19 900										36.0
38.0	51.0	70.1	18 700*	54.3	71.6	20 000	56.2	72.2	19 400	59.1	73.0	18 400										38.0
40.0	48.1	68.4	17 200*	51.5	70.0	18 700	53.4	70.8	18 100	56.5	71.7	17 100										40.0
42.0	45.0	66.4	15 900*	48.6	68.3	17 400*	50.6	69.2	16 900	53.8	70.3	16 000	56.8	70.9	15 100							42.0
44.0	41.8	64.3	14 800*	45.5	66.4	16 100*	47.7	67.4	15 800	51.0	68.7	15 000	54.1	69.5	14 100							44.0
46.0	38.3	61.9	13 700*	42.3	64.3	14 900*	44.6	65.5	14 800	48.1	67.0	14 000	51.3	68.0	13 200							46.0
48.0	34.5	59.1	12 700*	38.9	61.9	13 900*	41.3	63.3	14 000	45.0	65.1	13 200	48.4	66.3	12 400	51.5	67.0	11 700				48.0
50.0	30.3	55.9	11 800*	35.2	59.3	12 900*	37.8	60.8	13 100	41.8	62.9	12 400	45.3	64.4	11 700	48.5	65.3	10 900				50.0
52.0	25.6	52.1	10 900*	31.1	56.1	12 000*	34.0	58.0	12 400	38.3	60.5	11 700	42.1	62.2	11 000	45.5	63.4	10 300				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	11 000	38.7	59.9	10 300	42.3	61.3	9 700	45.5	62.2	9 100	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	10 400	34.9	57.1	9 800	38.9	58.9	9 100	42.3	60.0	8 500	56.0
58.0							18.8	45.7	10 100*	25.6	50.7	9 800	30.8	54.0	9 200	35.1	56.2	8 600	38.9	57.7	8 000	58.0
60.0										19.7	45.8	9 300	26.1	50.2	8 700	31.0	53.1	8 100	35.2	55.0	7 600	60.0
62.0										11.2	38.3	8 700	20.4	45.5	8 200	26.4	49.4	7 700	31.1	51.9	7 100	62.0
64.0													12.3	38.4	7 800	20.7	44.7	7 200	26.4	48.2	6 700	64.0
66.0																12.9	37.9	6 800	20.8	43.5	6 300	66.0
68.0																			13.0	36.7	5 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	27 700*	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	24 300													32.0
34.0	58.6	76.7	22 000*	61.4	77.7	23 100	63.1	78.1	22 400													34.0
36.0	56.1	75.4	20 100*	59.0	76.6	21 400	60.7	77.0	20 700													36.0
38.0	53.5	74.0	18 400*	56.6	75.3	19 800	58.3	75.9	19 200	61.0	76.5	18 200										38.0
40.0	50.9	72.4	17 000*	54.0	73.9	18 500	55.8	74.5	17 900	58.6	75.3	16 900										40.0
42.0	48.1	70.7	15 700*	51.4	72.3	17 200*	53.2	73.1	16 700	56.1	74.0	15 800										42.0
44.0	45.2	68.8	14 500*	48.6	70.6	15 900*	50.5	71.5	15 600	53.6	72.6	14 700	56.4	73.3	13 900							44.0
46.0	42.2	66.6	13 500*	45.7	68.7	14 700*	47.7	69.7	14 700	50.9	71.0	13 800	53.8	71.8	13 000							46.0
48.0	39.0	64.3	12 500*	42.7	66.6	13 600*	44.8	67.8	13 800	48.1	69.3	13 000	51.2	70.3	12 200							48.0
50.0	35.5	61.6	11 600*	39.5	64.3	12 700*	41.8	65.6	13 000	45.2	67.4	12 200	48.4	68.6	11 400	51.3	69.3	10 700				50.0
52.0	31.6	58.5	10 800*	36.1	61.7	11 800*	38.5	63.2	12 200	42.2	65.3	11 500	45.5	66.7	10 800	48.6	67.6	10 100				52.0
54.0	27.3	54.9	10 000*	32.3	58.7	11 000*	35.0	60.5	11 500	39.0	62.9	10 800	42.5	64.6	10 100	45.7	65.7	9 500				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	10 200	39.3	62.2	9 500	42.7	63.6	8 900	45.7	64.5	8 300	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	9 600	35.8	59.6	9 000	39.5	61.3	8 400	42.7	62.4	7 800	58.0
60.0				17.0	45.4	8 700*	21.5	49.2	9 200*	27.3	53.5	9 100	32.0	56.6	8 500	36.0	58.7	7 900	39.5	60.1	7 300	60.0
62.0							14.6	42.9	8 500*	22.3	49.1	8 600	27.8	53.0	8 000	32.3	55.7	7 500	36.1	57.4	6 900	62.0
64.0										15.7	43.2	8 100	22.8	48.7	7 600	28.1	52.2	7 000	32.3	54.4	6 500	64.0
66.0													16.5	43.0	7 200	23.2	47.9	6 600	28.1	51.0	6 100	66.0
68.0																16.9	42.3	6 200	23.2	46.7	5 800	68.0
70.0																6.1	32.1	5 900	17.0	41.1	5 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	22 500*	64.6	81.5	22 200													34.0
36.0	58.1	79.1	19 900*	60.8	80.1	21 300	62.4	80.5	20 500													36.0
38.0	55.8	77.7	18 200*	58.5	78.9	19 700	60.1	79.4	19 000													38.0
40.0	53.3	76.3	16 700*	56.2	77.6	18 300	57.8	78.2	17 700	60.4	78.9	16 700										40.0
42.0	50.8	74.7	15 500*	53.7	76.2	17 000*	55.4	76.9	16 500	58.1	77.7	15 600										42.0
44.0	48.2	73.0	14 300*	51.2	74.6	15 700*	53.0	75.4	15 400	55.8	76.3	14 600										44.0
46.0	45.4	71.1	13 200*	48.6	72.9	14 500*	50.4	73.8	14 500	53.3	74.9	13 600	56.0	75.6	12 800							46.0
48.0	42.6	69.0	12 300*	45.9	71.0	13 400*	47.8	72.0	13 600	50.8	73.3	12 800	53.6	74.2	12 000							48.0
50.0	39.5	66.6	11 400*	43.1	69.0	12 500*	45.1	70.1	12 800	48.2	71.6	12 000	51.1	72.6	11 300							50.0
52.0	36.3	64.0	10 600*	40.1	66.7	11 600*	42.2	68.0	12 000	45.4	69.7	11 300	48.4	70.9	10 600	51.2	71.6	9 900				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	10 600	45.7	69.0	10 000	48.6	69.9	9 300				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	10 000	42.9	66.9	9 400	45.9	68.0	8 700				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	9 400	39.9	64.6	8 800	43.0	66.0	8 200	45.9	66.8	7 600	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	8 900	36.6	62.0	8 300	40.0	63.7	7 700	43.1	64.7	7 100	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	8 500	33.1	59.1	7 800	36.8	61.1	7 300	40.0	62.4	6 700	62.0
64.0				12.8	42.1	7 300*	18.1	47.0	7 800*	24.4	52.2	8 000	29.3	55.8	7 400	33.3	58.2	6 800	36.8	59.9	6 300	64.0
66.0										18.9	47.1	7 500	24.9	51.8	7 000	29.5	54.9	6 400	33.4	57.0	5 900	66.0
68.0										11.1	39.4	7 100	19.5	46.8	6 600	25.1	51.0	6 100	29.5	53.7	5 600	68.0
70.0													12.1	39.5	6 200	19.9	46.0	5 700	25.2	49.7	5 200	70.0
72.0																12.6	39.0	5 400	19.9	44.8	4 900	72.0
74.0																			12.7	37.8	4 600	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	22 000													34.0
36.0	59.9	82.6	19 600*	62.4	83.6	21 100	63.9	84.0	20 300													36.0
38.0	57.7	81.4	18 000*	60.3	82.5	19 500	61.8	82.9	18 800													38.0
40.0	55.4	80.1	16 500*	58.1	81.2	18 100	59.6	81.8	17 500	62.1	82.4	16 500										40.0
42.0	53.1	78.6	15 200*	55.8	79.9	16 800*	57.4	80.5	16 300	59.9	81.2	15 400										42.0
44.0	50.7	77.0	14 000*	53.5	78.5	15 400*	55.1	79.2	15 200	57.7	80.0	14 300										44.0
46.0	48.2	75.3	13 000*	51.1	76.9	14 200*	52.8	77.7	14 300	55.4	78.7	13 400										46.0
48.0	45.6	73.4	12 000*	48.6	75.2	13 200*	50.4	76.1	13 400	53.1	77.2	12 600	55.7	77.9	11 800							48.0
50.0	42.9	71.3	11 200*	46.1	73.3	12 200*	47.9	74.3	12 600	50.7	75.6	11 800	53.3	76.5	11 000							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	11 100	50.9	74.9	10 400							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	10 400	48.5	73.2	9 700	51.1	73.9	9 100				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	9 800	45.9	71.3	9 100	48.6	72.2	8 500				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	9 300	43.2	69.2	8 600	46.0	70.3	8 000				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	8 700	40.4	67.0	8 100	43.4	68.3	7 500	46.1	69.1	6 900	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	8 200	37.3	64.5	7 600	40.5	66.0	7 100	43.4	67.0	6 500	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	7 800	34.1	61.6	7 200	37.5	63.5	6 600	40.5	64.8	6 100	64.0
66.0				16.5	46.6	6 700*	20.7	50.5	7 100*	26.1	55.2	7 300	30.5	58.4	6 800	34.3	60.7	6 300	37.5	62.3	5 700	66.0
68.0							14.2	44.0	6 500*	21.4	50.5	6 900	26.5	54.7	6 400	30.7	57.5	5 900	34.3	59.5	5 400	68.0
70.0										15.3	44.4	6 500	21.9	50.2	6 000	26.8	53.8	5 500	30.8	56.3	5 000	70.0
72.0													16.0	44.2	5 700	22.2	49.4	5 200	26.8	52.6	4 700	72.0
74.0																16.4	43.5	4 900	22.2	48.1	4 400	74.0
76.0																6.6	33.4	4 500	16.4	42.3	4 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	67.6	52.7	59 000* <sup>b</sup>																			13.7
14.0	66.7	52.6	58 300* <sup>b</sup>																			14.0
16.0	60.6	51.5	53 500* <sup>b</sup>																			16.0
18.0	54.2	50.2	49 200*	62.5	51.5	53 800* <sup>b</sup>																18.0
20.0	47.1	48.5	44 500*	56.2	50.2	48 700 <sup>b</sup>	61.1	50.9	47 400 <sup>b</sup>													20.0
22.0	39.1	46.3	40 800*	49.3	48.7	43 000	54.7	49.6	41 900 <sup>b</sup>													22.0
24.0	29.2	43.2	37 000*	41.7	46.6	38 500	47.7	47.9	37 500	56.4	49.2	35 900										24.0
26.0				32.5	43.9	34 800	39.8	45.7	33 900	49.6	47.6	32 400										26.0
28.0				19.9	39.6	31 600	30.1	42.8	30 800	42.0	45.6	29 400	51.2	47.1	28 100							28.0
30.0							15.6	37.8	28 100	32.9	42.9	26 900	43.8	45.2	25 700							30.0
32.0										20.5	38.7	24 800	35.2	42.6	23 600	45.2	44.4	22 500				32.0
34.0													23.9	38.9	21 800	36.8	42.0	20 800	46.2	43.2	19 800	34.0
36.0																26.3	38.6	19 300	38.0	40.9	18 300	36.0
38.0																		27.8	37.7	17 100	17 100	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.	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	70.5	56.0	57 500* <sup>b</sup>																			13.7
14.0	69.8	55.9	56 800* <sup>b</sup>																			14.0
16.0	64.6	55.0	52 000* <sup>b</sup>																			16.0
18.0	59.2	53.9	48 100*	66.2	54.9	52 400* <sup>b</sup>																18.0
20.0	53.5	52.5	44 300*	60.9	53.9	48 200* <sup>b</sup>	65.0	54.3	47 200 <sup>b</sup>													20.0
22.0	47.4	50.8	40 300*	55.3	52.6	42 900	59.7	53.2	41 700 <sup>b</sup>													22.0
24.0	40.5	48.7	36 900*	49.3	51.0	38 400	54.0	51.9	37 300													24.0
26.0	32.4	45.8	32 900*	42.7	49.0	34 600	47.9	50.2	33 700	55.5	51.5	32 100										26.0
28.0	21.7	41.8	29 600*	35.0	46.4	31 500	41.0	48.1	30 700	49.5	49.9	29 200	50.9	49.4	25 500							28.0
30.0				25.4	42.8	28 800	33.1	45.4	28 000	42.9	48.0	26 700	44.5	47.5	23 400							30.0
32.0				8.1	35.8	26 400	22.7	41.4	25 800	35.3	45.4	24 600	37.2	45.1	21 600	45.7	46.7	20 600				32.0
34.0										25.8	41.9	22 700	37.2	45.1	21 600	38.6	44.4	19 100	39.5	43.3	16 800	34.0
36.0													28.2	41.9	20 000	30.0	41.3	17 700	31.2	40.4	15 700	36.0
38.0													14.9	36.5	18 600				19.9	36.0	14 600	38.0
40.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	72.8	59.2	56 000*b																			13.7
14.0	72.1	59.1	55 300*b																			14.0
16.0	67.6	58.3	50 800*b																			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	42 900	63.4	56.7	41 600													22.0
24.0	47.5	53.1	36 800*	54.6	54.9	38 200	58.5	55.6	37 200													24.0
26.0	41.5	51.0	33 000*	49.3	53.3	34 500	53.4	54.2	33 500	59.8	55.2	32 000										26.0
28.0	34.6	48.4	29 600*	43.4	51.3	31 400	48.0	52.5	30 500	54.8	53.8	29 100										28.0
30.0	26.1	44.8	26 800*	36.8	48.9	28 700	42.0	50.5	27 900	49.5	52.2	26 600										30.0
32.0	13.1	39.0	24 400*	28.9	45.7	26 400	35.2	47.9	25 700	43.6	50.3	24 400	50.7	51.7	23 300							32.0
34.0				18.1	40.9	24 400	26.8	44.4	23 700	37.1	47.9	22 600	45.0	49.8	21 500	51.7	50.8	20 400				34.0
36.0							14.5	38.9	22 000	29.3	44.7	21 000	38.7	47.5	19 900	46.1	49.0	18 900				36.0
38.0										18.6	40.0	19 500	31.2	44.5	18 500	39.9	46.8	17 600				38.0
40.0													21.5	40.3	17 300	32.7	44.0	16 400	40.7	45.7	15 500	40.0
42.0																23.5	40.1	15 300	33.6	43.0	14 500	42.0
44.0																24.8	39.3	13 600	24.8	39.3	13 600	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.	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	74.5	62.4	54 500*b																			13.7
14.0	73.9	62.3	53 800*b																			14.0
16.0	70.0	61.6	49 400*b																			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	41 400													22.0
24.0	52.6	57.1	36 700*	58.6	58.6	38 000	62.0	59.1	36 900													24.0
26.0	47.7	55.4	32 900*	54.1	57.2	34 300	57.6	57.9	33 300													26.0
28.0	42.3	53.4	29 600*	49.2	55.6	31 200	53.0	56.5	30 300	58.8	57.5	28 800										28.0
30.0	36.3	50.8	26 700*	44.0	53.6	28 600	48.1	54.8	27 700	54.3	56.1	26 300										30.0
32.0	29.2	47.6	24 300*	38.2	51.3	26 300	42.7	52.8	25 500	49.4	54.5	24 200										32.0
34.0	19.8	43.1	22 200*	31.5	48.3	24 300	36.8	50.3	23 600	44.2	52.6	22 400	50.6	54.0	21 200							34.0
36.0				23.1	44.3	22 500	29.8	47.2	21 900	38.4	50.3	20 800	45.4	52.1	19 700							36.0
38.0				8.6	36.9	20 900	20.7	42.8	20 300	31.8	47.3	19 300	39.8	49.9	18 300	46.4	51.3	17 300				38.0
40.0										23.4	43.4	18 000	33.4	47.1	17 100	40.9	49.1	16 200	47.0	50.1	15 300	40.0
42.0													25.5	43.5	15 900	34.6	46.5	15 100	41.6	48.0	14 200	42.0
44.0													14.0	37.7	14 900	27.1	43.0	14 100	35.4	45.5	13 300	44.0
46.0																			28.1	42.1	12 500	46.0
48.0																			18.3	37.3	11 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	76.0	65.6	52 700*b																			13.7
14.0	75.4	65.5	52 100*b																			14.0
16.0	71.9	64.9	48 000*b																			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	37 900	64.8	62.6	36 800													24.0
26.0	52.3	59.4	33 900*	57.8	60.9	34 100	60.9	61.5	33 100													26.0
28.0	47.8	57.7	30 400*	53.6	59.5	31 000	56.9	60.3	30 100	61.9	61.0	28 600										28.0
30.0	43.0	55.7	27 400*	49.2	57.9	28 400	52.7	58.8	27 500	58.0	59.8	26 100										30.0
32.0	37.6	53.3	24 900*	44.5	55.9	26 100	48.2	57.1	25 300	53.8	58.5	24 000										32.0
34.0	31.4	50.3	22 800*	39.3	53.7	24 100	43.3	55.1	23 400	49.4	56.8	22 200	54.8	57.8	21 000							34.0
36.0	23.9	46.4	21 000*	33.4	50.9	22 400	38.0	52.7	21 700	44.7	54.9	20 600	50.4	56.3	19 500							36.0
38.0	12.6	40.1	19 000*	26.4	47.3	20 800	32.0	49.8	20 200	39.5	52.7	19 200	45.8	54.4	18 100							38.0
40.0				16.9	42.1	19 400	24.6	46.0	18 800	33.7	49.9	17 900	40.7	49.9	16 900	46.6	53.6	15 900				40.0
42.0							13.8	40.0	17 600	26.7	46.4	16 700	35.1	49.6	15 800	41.7	51.5	14 900				42.0
44.0										17.3	41.2	15 600	28.4	46.3	14 800	36.1	48.9	14 000	42.3	50.4	13 100	44.0
46.0													19.9	41.7	13 900	29.7	45.8	13 100	36.9	47.9	12 300	46.0
48.0																21.6	41.5	12 300	30.6	44.8	11 600	48.0
50.0																			22.8	40.7	10 800	50.0

#### 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.	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	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	37 500																24.0
26.0	55.9	63.2	33 400*	60.8	64.5	33 900	63.5	65.0	32 900													26.0
28.0	52.0	61.7	30 200*	57.1	63.2	30 800	60.0	63.9	29 900													28.0
30.0	47.9	60.0	27 300*	53.3	61.8	28 200	56.2	62.6	27 300	60.9	63.4	25 900										30.0
32.0	43.5	58.0	24 800*	49.2	60.2	25 900	52.4	61.1	25 100	57.2	62.2	23 800										32.0
34.0	38.7	55.7	22 600*	44.9	58.3	24 000	48.2	59.4	23 200	53.4	60.8	21 900										34.0
36.0	33.2	52.8	20 800*	40.2	56.0	22 200	43.8	57.4	21 500	49.4	59.1	20 400	54.3	60.1	19 200							36.0
38.0	26.9	49.3	19 200*	35.0	53.4	20 700	39.1	55.1	20 000	45.0	57.2	18 900	50.3	58.6	17 900							38.0
40.0	18.5	44.4	17 600*	28.9	50.1	19 300	33.7	52.4	18 700	40.4	55.0	17 700	46.0	56.7	16 600							40.0
42.0				21.4	45.7	18 000	27.4	48.9	17 500	35.2	52.4	16 500	41.5	54.6	15 600	46.8	55.9	14 700				42.0
44.0				8.9	38.0	16 500*	19.3	44.1	16 400	29.2	49.1	15 500	36.4	52.1	14 600	42.3	53.8	13 700				44.0
46.0										21.7	44.8	14 500	30.6	49.0	13 700	37.4	51.4	12 900	42.9	52.7	12 000	46.0
48.0													23.6	45.0	12 800	31.8	48.4	12 100	38.0	50.3	11 300	48.0
50.0																25.0	44.6	11 300	32.5	47.4	10 700	50.0
52.0																			25.9	43.8	10 000	52.0
54.0																			17.2	38.5	9 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	75.9	71.5	46 800* <sup>b</sup>																			15.2
16.0	74.7	71.3	45 500* <sup>b</sup>																			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	33 800	65.7	68.3	32 800													26.0
28.0	55.4	65.5	30 300*	59.9	66.8	30 700	62.5	67.4	29 800													28.0
30.0	51.8	64.0	27 200*	56.5	65.6	28 100	59.2	66.2	27 200													30.0
32.0	48.0	62.3	24 700*	52.9	64.1	25 800	55.7	64.9	25 000	60.0	65.8	23 700										32.0
34.0	43.9	60.3	22 600*	49.2	62.5	23 900	52.1	63.4	23 100	56.6	64.5	21 900										34.0
36.0	39.5	58.1	20 700*	45.2	60.6	22 100	48.3	61.7	21 400	53.1	63.1	20 300										36.0
38.0	34.7	55.4	19 100*	40.9	58.4	20 600	44.3	59.8	19 900	49.3	61.4	18 800	53.9	62.4	17 800							38.0
40.0	29.1	52.1	17 700*	36.2	55.8	19 200	39.9	57.5	18 600	45.4	59.6	17 600	50.2	60.9	16 600							40.0
42.0	22.3	47.8	16 400*	30.9	52.8	18 000	35.1	54.8	17 400	41.1	57.4	16 400	46.3	59.0	15 500	50.9	60.0	14 600				42.0
44.0	12.2	41.1	14 900*	24.6	48.9	16 800*	29.6	51.6	16 300	36.4	54.8	15 400	42.1	56.9	14 500	47.0	58.2	13 600				44.0
46.0				16.0	43.3	15 500*	22.9	47.5	15 300	31.1	51.8	14 500	37.5	54.5	13 600	42.9	56.2	12 800				46.0
48.0							13.3	41.1	14 400	24.8	47.9	13 600	32.4	51.6	12 800	38.4	53.8	12 000	43.4	55.0	11 200	48.0
50.0										16.4	42.4	12 800	26.4	47.9	12 000	33.4	50.9	11 300	39.0	52.7	10 600	50.0
52.0													18.6	43.0	11 400	27.6	47.5	10 600	34.0	49.9	9 900	52.0
54.0																20.3	42.8	10 000	28.3	46.6	9 400	54.0
56.0																			21.3	42.1	8 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	33 600	67.6	71.7	32 600													26.0
28.0	58.2	69.2	29 800*	62.3	70.3	30 500	64.6	70.8	29 500													28.0
30.0	55.0	67.9	27 100*	59.2	69.2	27 900	61.6	69.7	27 000													30.0
32.0	51.6	66.3	24 500*	56.0	67.9	25 600	58.5	68.6	24 800													32.0
34.0	48.1	64.6	22 400*	52.7	66.4	23 700	55.2	67.2	22 900	59.3	68.1	21 600										34.0
36.0	44.3	62.7	20 500*	49.2	64.8	21 900	51.9	65.7	21 200	56.1	66.8	20 000										36.0
38.0	40.3	60.4	18 900*	45.5	62.9	20 400	48.4	64.0	19 700	52.8	65.4	18 600										38.0
40.0	35.9	57.8	17 400*	41.5	60.7	19 000	44.6	62.1	18 400	49.3	63.7	17 400	53.5	64.8	16 300							40.0
42.0	30.9	54.7	16 200*	37.3	58.3	17 800*	40.6	59.9	17 200	45.6	61.9	16 200	50.1	63.2	15 200							42.0
44.0	25.1	50.9	15 000*	32.5	55.3	16 500*	36.2	57.3	16 200	41.7	59.7	15 200	46.5	61.3	14 300	50.7	62.3	13 400				44.0
46.0	17.5	45.6	13 900*	27.0	51.8	15 400*	31.3	54.2	15 100	37.4	57.3	14 200	42.6	59.3	13 400	47.1	60.5	12 500				46.0
48.0				20.1	47.1	14 300*	25.6	50.5	14 300	32.7	54.4	13 400	38.4	56.9	12 600	43.3	58.5	11 800				48.0
50.0				9.1	39.1	13 100*	18.2	45.4	13 400	27.2	50.8	12 600	33.8	54.1	11 800	39.2	56.2	11 100	43.8	57.4	10 300	50.0
52.0										20.4	46.2	11 900	28.6	50.7	11 100	34.7	53.4	10 400	39.7	55.1	9 700	52.0
54.0													22.2	46.4	10 500	29.6	50.2	9 800	35.3	52.4	9 100	54.0
56.0													13.0	39.9	9 900	23.4	46.1	9 300	30.2	49.3	8 600	56.0
58.0																			24.3	45.3	8 100	58.0
60.0																			16.3	39.7	7 600	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	30 400	66.4	74.1	29 400													28.0
30.0	57.6	71.5	27 400*	61.4	72.7	27 700	63.6	73.2	26 800													30.0
32.0	54.6	70.2	24 900*	58.5	71.5	25 400	60.8	72.1	24 600													32.0
34.0	51.4	68.6	22 700*	55.5	70.2	23 500	57.9	70.9	22 700	61.6	71.7	21 400										34.0
36.0	48.1	66.9	20 800*	52.4	68.7	21 700	54.8	69.5	21 000	58.6	70.5	19 800										36.0
38.0	44.6	65.0	19 100*	49.2	67.1	20 200	51.7	68.0	19 500	55.6	69.2	18 400										38.0
40.0	40.9	62.8	17 700*	45.7	65.2	18 800	48.4	66.3	18 200	52.5	67.7	17 100	56.3	68.5	16 100							40.0
42.0	36.9	60.3	16 400*	42.1	63.1	17 600	44.9	64.4	17 000	49.3	66.0	16 000	53.3	67.1	15 000							42.0
44.0	32.4	57.3	15 200*	38.1	60.7	16 500	41.2	62.2	16 000	45.9	64.2	15 000	50.0	65.5	14 100							44.0
46.0	27.3	53.8	14 000*	33.8	57.9	15 500*	37.2	59.7	15 000	42.2	62.1	14 100	46.7	63.6	13 200	50.6	64.6	12 300				46.0
48.0	21.1	49.2	13 000*	28.9	54.5	14 400*	32.8	56.8	14 100	38.3	59.7	13 200	43.1	61.6	12 400	47.3	62.8	11 600				48.0
50.0	12.0	42.2	11 600*	23.1	50.3	13 400*	27.7	53.3	13 300	34.0	56.9	12 400	39.2	59.3	11 700	43.7	60.8	10 800				50.0
52.0				15.3	44.4	12 300*	21.6	48.9	12 500	29.1	53.6	11 700	35.0	56.6	11 000	39.9	58.5	10 200	44.2	59.7	9 500	52.0
54.0							12.9	42.2	11 800	23.4	49.4	11 100	30.3	53.4	10 300	35.8	55.9	9 600	40.4	57.4	8 900	54.0
56.0										15.7	43.6	10 400	24.8	49.5	9 800	31.2	52.8	9 100	36.3	54.9	8 400	56.0
58.0													17.7	44.2	9 200	25.9	49.1	8 500	31.8	51.9	7 900	58.0
60.0																19.2	44.1	8 100	26.6	48.2	7 400	60.0
62.0																			20.1	43.5	7 000	62.0
64.0																			10.2	35.8	6 600	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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 CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	POINT ELEV. m	LUFFING JIB CAPACI TY 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	30 000*																28.0
30.0	59.9	75.1	27 000*	63.4	76.2	27 500	65.4	76.6	26 600													30.0
32.0	57.1	73.9	24 700*	60.7	75.1	25 200	62.8	75.6	24 400													32.0
34.0	54.3	72.5	22 500*	58.0	73.9	23 300	60.1	74.5	22 500													34.0
36.0	51.3	70.9	20 600*	55.1	72.5	21 600	57.3	73.2	20 800	60.8	74.0	19 600										36.0
38.0	48.2	69.2	18 900*	52.2	71.0	20 000	54.5	71.9	19 300	58.1	72.8	18 200										38.0
40.0	44.9	67.3	17 400*	49.1	69.4	18 700	51.5	70.3	18 000	55.2	71.5	16 900										40.0
42.0	41.5	65.1	16 100*	45.9	67.5	17 400	48.4	68.6	16 800	52.3	70.0	15 800	55.9	70.8	14 800							42.0
44.0	37.7	62.7	14 900*	42.5	65.4	16 300	45.2	66.7	15 700	49.3	68.3	14 800	53.0	69.4	13 800							44.0
46.0	33.7	59.8	13 900*	38.9	63.1	15 300*	41.7	64.6	14 800	46.1	66.5	13 800	50.0	67.8	12 900							46.0
48.0	29.1	56.5	12 900*	34.9	60.4	14 200*	38.0	62.1	13 900	42.7	64.4	13 000	46.8	65.9	12 200	50.5	66.9	11 300				48.0
50.0	23.7	52.4	11 900*	30.5	57.2	13 200*	34.0	59.3	13 100	39.0	62.1	12 200	43.5	63.9	11 400	47.4	65.1	10 600				50.0
52.0	16.8	46.8	11 000*	25.5	53.4	12 300*	29.5	56.0	12 400	35.1	59.4	11 500	39.9	61.6	10 700	44.1	63.1	10 000				52.0
54.0				19.2	48.4	11 400*	24.2	52.0	11 600	30.7	56.2	10 900	36.0	59.0	10 100	40.6	60.9	9 400	44.5	62.0	8 700	54.0
56.0				9.2	40.2	10 200*	17.4	46.6	11 000	25.7	52.4	10 300	31.8	56.0	9 500	36.8	58.4	8 900	41.0	59.8	8 200	56.0
58.0										19.4	47.5	9 700	26.9	52.4	9 000	32.6	55.4	8 300	37.2	57.3	7 700	58.0
60.0													21.0	47.8	8 500	27.8	51.9	7 800	33.1	54.4	7 200	60.0
62.0													12.7	41.0	8 000	22.2	47.5	7 400	28.5	51.0	6 800	62.0
64.0																14.5	41.3	7 000	22.9	46.8	6 400	64.0
66.0																			15.7	40.9	6 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	27 500																30.0
32.0	59.3	77.5	24 500*	62.6	78.6	25 100	64.5	79.0	24 300													32.0
34.0	56.7	76.2	22 400*	60.1	77.4	23 100	62.0	78.0	22 300													34.0
36.0	54.0	74.8	20 400*	57.5	76.2	21 400	59.5	76.8	20 700													36.0
38.0	51.2	73.2	18 800*	54.8	74.8	19 900	56.9	75.6	19 200	60.2	76.4	18 100										38.0
40.0	48.2	71.5	17 300*	52.0	73.3	18 500	54.2	74.2	17 900	57.6	75.2	16 800										40.0
42.0	45.2	69.6	16 000*	49.1	71.7	17 300	51.4	72.6	16 700	54.9	73.8	15 700										42.0
44.0	41.9	67.5	14 800*	46.1	69.8	16 200	48.5	70.9	15 600	52.1	72.3	14 700	55.5	73.1	13 700							44.0
46.0	38.5	65.1	13 700*	42.9	67.7	15 200*	45.4	69.0	14 700	49.2	70.6	13 700	52.8	71.7	12 900							46.0
48.0	34.7	62.3	12 800*	39.6	65.4	14 100*	42.2	66.9	13 800	46.2	68.8	12 900	49.9	70.1	12 000							48.0
50.0	30.6	59.2	11 900*	35.9	62.8	13 100*	38.8	64.5	13 000	43.1	66.7	12 100	46.9	68.3	11 300	50.4	69.2	10 500				50.0
52.0	25.8	55.4	11 000*	31.9	59.8	12 200*	35.0	61.8	12 200	39.7	64.4	11 500	43.8	66.2	10 600	47.5	67.4	9 900				52.0
54.0	20.1	50.5	10 200*	27.4	56.2	11 400*	30.9	58.7	11 600	36.1	61.8	10 800	40.5	64.0	10 000	44.4	65.4	9 300				54.0
56.0	11.8	43.3	9 100*	22.0	51.8	10 500*	26.2	54.9	10 900	32.1	58.8	10 200	36.9	61.5	9 400	41.1	63.2	8 700	44.8	64.3	8 000	56.0
58.0				14.8	45.6	9 700*	20.6	50.2	10 300*	27.5	55.3	9 600	33.0	58.6	8 900	37.6	60.8	8 200	41.5	62.2	7 500	58.0
60.0							12.6	43.3	9 600*	22.2	50.9	9 100	28.6	55.1	8 400	33.7	57.9	7 800	38.0	59.7	7 100	60.0
62.0										15.1	44.8	8 600	23.5	51.0	7 900	29.5	54.6	7 300	34.2	56.9	6 700	62.0
64.0													17.0	45.4	7 500	24.5	50.6	6 900	30.0	53.7	6 300	64.0
66.0																18.3	45.4	6 500	25.2	49.8	5 900	66.0
68.0																			19.2	44.8	5 600	68.0
70.0																			10.2	36.9	5 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	24 900	66.0	82.4	24 000													32.0
34.0	58.7	79.8	22 100*	61.9	80.9	23 000	63.7	81.4	22 200													34.0
36.0	56.3	78.5	20 200*	59.5	79.8	21 200	61.3	80.3	20 500													36.0
38.0	53.7	77.1	18 500*	57.0	78.5	19 700	58.9	79.2	19 000													38.0
40.0	51.0	75.5	17 100*	54.5	77.2	18 300	56.4	77.9	17 700	59.6	78.7	16 600										40.0
42.0	48.3	73.8	15 700*	51.9	75.6	17 100	53.9	76.5	16 500	57.1	77.5	15 400										42.0
44.0	45.4	71.9	14 600*	49.1	74.0	16 100*	51.2	74.9	15 400	54.6	76.1	14 500										44.0
46.0	42.4	69.8	13 500*	46.3	72.1	14 900*	48.5	73.2	14 500	52.0	74.6	13 500	55.2	75.5	12 600							46.0
48.0	39.1	67.4	12 600*	43.3	70.1	13 800*	45.6	71.3	13 600	49.2	72.9	12 700	52.6	74.0	11 800							48.0
50.0	35.7	64.8	11 700*	40.1	67.8	12 800*	42.6	69.2	12 800	46.4	71.1	11 900	49.9	72.4	11 100							50.0
52.0	31.9	61.8	10 900*	36.7	65.2	11 900*	39.4	66.9	12 000	43.4	69.1	11 200	47.1	70.6	10 400	50.4	71.5	9 600				52.0
54.0	27.6	58.2	10 100*	33.1	62.3	11 100*	35.9	64.3	11 400	40.3	66.8	10 600	44.1	68.6	9 800	47.6	69.7	9 100				54.0
56.0	22.6	53.8	9 400*	29.0	58.9	10 400*	32.2	61.3	10 700	36.9	64.2	10 000	41.0	66.4	9 200	44.6	67.8	8 500				56.0
58.0	16.2	48.0	8 700*	24.2	54.9	9 700*	27.9	57.8	10 100	33.2	61.4	9 400	37.7	63.9	8 700	41.6	65.6	8 000	45.0	66.6	7 300	58.0
60.0				18.3	49.6	8 900*	23.0	53.5	9 500*	29.1	58.0	8 900	34.1	61.1	8 200	38.3	63.2	7 500	42.0	64.5	6 900	60.0
62.0				9.4	41.3	8 000*	16.7	47.8	8 800*	24.4	54.0	8 400	30.1	57.8	7 700	34.7	60.4	7 100	38.7	62.1	6 500	62.0
64.0							5.5	37.2	8 000*	18.6	48.8	7 900	25.5	54.0	7 300	30.8	57.3	6 700	35.2	59.4	6 100	64.0
66.0													20.1	49.1	6 900	26.4	53.5	6 300	31.3	56.3	5 700	66.0
68.0													12.4	42.1	6 500	21.2	48.9	5 900	27.0	52.7	5 400	68.0
70.0																14.1	42.5	5 500	21.9	48.2	5 000	70.0
72.0																			15.1	42.1	4 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	22 900	65.2	84.8	21 900													34.0
36.0	58.3	82.2	20 000*	61.3	83.3	21 000	63.0	83.8	20 300													36.0
38.0	55.9	80.9	18 300*	59.0	82.2	19 500	60.7	82.7	18 800													38.0
40.0	53.4	79.4	16 800*	56.6	80.9	18 200	58.4	81.5	17 500	61.3	82.3	16 400										40.0
42.0	50.9	77.8	15 500*	54.2	79.5	17 000	56.1	80.2	16 300	59.0	81.1	15 300										42.0
44.0	48.3	76.1	14 300*	51.7	77.9	15 900*	53.6	78.8	15 200	56.7	79.8	14 200										44.0
46.0	45.6	74.2	13 300*	49.1	76.3	14 700*	51.1	77.2	14 300	54.3	78.4	13 300	57.2	79.2	12 400							46.0
48.0	42.7	72.1	12 300*	46.4	74.4	13 600*	48.5	75.5	13 400	51.8	76.9	12 500	54.8	77.8	11 600							48.0
50.0	39.7	69.8	11 400*	43.6	72.4	12 600*	45.8	73.6	12 600	49.2	75.2	11 700	52.4	76.3	10 900							50.0
52.0	36.5	67.2	10 700*	40.6	70.2	11 700*	43.0	71.6	11 900	46.5	73.4	11 000	49.8	74.7	10 200							52.0
54.0	33.0	64.3	9 900*	37.5	67.7	10 900*	39.9	69.3	11 200	43.7	71.4	10 400	47.2	72.9	9 600	50.3	73.8	8 800				54.0
56.0	29.1	60.9	9 300*	34.1	64.8	10 200*	36.7	66.7	10 600	40.8	69.1	9 800	44.4	70.9	9 000	47.6	72.0	8 300				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	9 200	41.4	68.7	8 500	44.9	70.1	7 800				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	8 700	38.3	66.3	8 000	42.0	67.9	7 300	45.2	68.9	6 700	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	8 200	35.0	63.6	7 500	38.9	65.6	6 900	42.4	66.8	6 300	62.0
64.0				14.4	46.7	7 500*	19.7	51.5	8 000*	26.2	56.9	7 800	31.3	60.4	7 100	35.6	62.9	6 500	39.3	64.5	5 900	64.0
66.0							12.4	44.4	7 400*	21.2	52.2	7 300	27.2	56.8	6 700	32.0	59.9	6 100	36.0	61.9	5 500	66.0
68.0										14.7	45.9	6 900	22.5	52.4	6 300	28.0	56.3	5 800	32.5	58.9	5 200	68.0
70.0													16.4	46.6	6 000	23.4	52.1	5 400	28.5	55.4	4 900	70.0
72.0																17.6	46.7	5 100	24.0	51.3	4 600	72.0
74.0																			18.4	46.1	4 300	74.0
76.0																			10.2	38.0	4 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	21 800													34.0
36.0	60.0	85.7	19 700*	62.8	86.8	20 900	64.4	87.2	20 100													36.0
38.0	57.8	84.5	18 000*	60.7	85.7	19 300	62.3	86.2	18 600													38.0
40.0	55.6	83.2	16 600*	58.5	84.5	18 000	60.2	85.1	17 300													40.0
42.0	53.2	81.7	15 300*	56.2	83.2	16 800	58.0	83.9	16 100	60.8	84.6	15 100										42.0
44.0	50.8	80.1	14 100*	53.9	81.8	15 700*	55.7	82.5	15 100	58.6	83.4	14 000										44.0
46.0	48.3	78.4	13 100*	51.6	80.2	14 400*	53.4	81.1	14 100	56.3	82.2	13 100										46.0
48.0	45.8	76.5	12 100*	49.1	78.6	13 300*	51.0	79.5	13 200	54.0	80.7	12 300	56.8	81.5	11 400							48.0
50.0	43.1	74.5	11 200*	46.6	76.7	12 400*	48.5	77.8	12 400	51.7	79.2	11 500	54.6	80.1	10 700							50.0
52.0	40.2	72.2	10 400*	43.9	74.7	11 500*	46.0	75.9	11 700	49.2	77.5	10 800	52.2	78.6	10 000							52.0
54.0	37.2	69.7	9 700*	41.1	72.5	10 700*	43.3	73.9	11 000	46.7	75.7	10 200	49.8	77.0	9 400							54.0
56.0	33.9	66.8	9 000*	38.1	70.1	9 900*	40.4	71.6	10 400	44.0	73.7	9 600	47.2	75.2	8 800	50.2	76.1	8 100				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	9 000	44.6	73.2	8 300	47.7	74.3	7 500				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	8 500	41.9	71.0	7 800	45.1	72.4	7 100				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	8 000	38.9	68.7	7 300	42.4	70.3	6 700	45.4	71.3	6 000	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	7 600	35.8	66.0	6 900	39.5	67.9	6 300	42.7	69.2	5 700	64.0
66.0				17.7	50.9	6 800*	22.0	54.9	7 300*	27.8	59.7	7 200	32.4	63.0	6 500	36.4	65.3	5 900	39.8	66.9	5 300	66.0
68.0				9.4	42.4	6 100*	16.2	49.0	6 700*	23.4	55.4	6 700	28.7	59.6	6 100	33.1	62.4	5 500	36.8	64.3	5 000	68.0
70.0							6.1	38.5	6 100*	17.9	50.0	6 400	24.4	55.5	5 800	29.4	59.1	5 200	33.5	61.4	4 600	70.0
72.0													19.3	50.4	5 400	25.2	55.1	4 900	29.9	58.1	4 300	72.0
74.0													12.2	43.1	5 100	20.3	50.3	4 600	25.8	54.3	4 000	74.0
76.0																13.7	43.6	4 200	21.0	49.6	3 700	76.0
78.0																			14.7	43.2	3 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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	48 400b	62.7	54.2	47 000b													20.0
22.0	39.6	49.5	42 500*	50.7	52.0	42 800	56.4	53.0	41 500b													22.0
24.0	29.8	46.5	37 100*	43.2	50.1	38 300	49.6	51.4	37 200	59.0	52.7	35 300b										24.0
26.0				34.4	47.5	34 600	42.0	49.4	33 500	52.4	51.2	31 900										26.0
28.0				22.8	43.7	31 400	32.9	46.7	30 500	45.1	49.4	29 000	54.8	50.7	27 500b							28.0
30.0							20.5	42.5	27 900	36.7	47.0	26 500	47.8	49.1	25 100							30.0
32.0										26.1	43.6	24 400	39.9	46.9	23 100							32.0
34.0													30.3	43.9	21 400	42.4	46.3	20 200				34.0
36.0													15.9	39.0	19 800	33.4	43.7	18 700	44.3	45.4	17 700	36.0
38.0																21.3	39.6	17 400	35.8	42.9	16 400	38.0
40.0																			24.8	39.3	15 300	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	48 300b	66.4	57.6	46 800b													20.0
22.0	47.7	53.9	42 000*	56.4	55.9	42 600	61.1	56.6	41 300b													22.0
24.0	40.9	51.8	37 400*	50.5	54.3	38 100	55.5	55.3	37 000													24.0
26.0	32.8	49.1	33 200*	44.0	52.4	34 400	49.5	53.7	33 400	57.8	55.0	31 600										26.0
28.0	22.4	45.1	29 800*	36.5	50.0	31 300	42.9	51.7	30 300	52.0	53.5	28 800										28.0
30.0				27.4	46.6	28 600	35.3	49.2	27 800	45.6	51.7	26 300	54.1	53.0	24 900							30.0
32.0				13.2	41.0	26 300	25.8	45.7	25 500	38.5	49.4	24 200	47.9	51.4	22 900							32.0
34.0										29.9	46.4	22 400	41.1	49.3	21 100	49.9	50.6	20 000				34.0
36.0										17.8	41.7	20 700	33.2	46.5	19 600	43.3	48.7	18 500				36.0
38.0													22.8	42.6	18 200	35.7	46.2	17 200				38.0
40.0																26.4	42.7	16 000				40.0
42.0																						42.0
44.0																						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

FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING

#### 32.0m (105 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	73.0	62.3	56 600*b																			13.7
14.0	72.3	62.2	55 900*b																			14.0
16.0	67.9	61.4	51 300*b																			16.0
18.0	63.2	60.5	47 500*																			18.0
20.0	58.4	59.3	44 200*	65.3	60.5	48 100b																20.0
22.0	53.3	57.9	41 300*	60.6	59.5	42 500	64.6	60.0	41 200b													22.0
24.0	47.8	56.2	37 600*	55.6	58.2	38 000	59.8	58.9	36 800													24.0
26.0	41.8	54.2	33 200*	50.3	56.6	34 300	54.8	57.6	33 200	61.7	58.6	31 400										26.0
28.0	35.0	51.6	29 800*	44.5	54.7	31 200	49.5	56.0	30 200	56.8	57.3	28 600										28.0
30.0	26.6	48.1	27 000*	38.1	52.4	28 600	43.6	54.0	27 700	51.6	55.8	26 200										30.0
32.0	14.1	42.5	24 500*	30.5	49.4	26 300	37.1	51.6	25 400	46.0	54.0	24 100	53.5	55.4	22 700							32.0
34.0				20.5	45.0	24 300	29.3	48.5	23 500	39.8	51.8	22 200	48.1	53.7	21 000							34.0
36.0							18.6	43.8	21 800	32.6	49.0	20 600	42.1	51.6	19 400	49.8	52.9	18 300				36.0
38.0										23.4	45.1	19 200	35.3	49.0	18 100	44.0	51.0	17 000				38.0
40.0													27.0	45.6	16 900	37.4	48.6	15 800	45.4	50.0	14 900	40.0
42.0																14.8	40.1	15 800	29.7	45.5	14 800	42.0
44.0																			19.3	40.9	13 900	44.0
46.0																			22.3	40.8	12 200	46.0

#### 32.0m (105 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	74.7	65.5	54 900*b																			13.7
14.0	74.2	65.4	54 300*b																			14.0
16.0	70.2	64.7	49 900*b																			16.0
18.0	66.1	63.9	46 200*																			18.0
20.0	61.9	62.9	43 000*	67.9	63.9	47 000*b																20.0
22.0	57.5	61.7	40 200*	63.8	62.9	42 400																22.0
24.0	52.9	60.2	37 200*	59.5	61.8	37 800	63.1	62.4	36 600													24.0
26.0	48.0	58.6	33 200*	54.9	60.5	34 100	58.8	61.3	33 000													26.0
28.0	42.6	56.5	29 700*	50.2	58.9	31 000	54.3	59.9	30 000	60.5	60.9	28 300										28.0
30.0	36.6	54.0	26 900*	45.0	57.0	28 400	49.4	58.3	27 500	56.1	59.7	25 900										30.0
32.0	29.6	50.9	24 400*	39.3	54.8	26 100	44.2	56.4	25 300	51.4	58.1	23 800										32.0
34.0	20.4	46.4	22 300*	32.8	52.0	24 100	38.4	54.0	23 300	46.3	56.4	22 000	53.1	57.7	20 700							34.0
36.0				24.8	48.2	22 400	31.8	51.1	21 600	40.8	54.2	20 400	48.2	56.0	19 200	48.2	56.0	19 200				36.0
38.0				12.6	42.0	20 800	23.4	47.2	20 100	34.5	51.5	19 000	42.8	54.0	17 800	42.8	54.0	17 800				38.0
40.0										27.0	48.1	17 700	36.8	51.5	16 700	36.8	51.5	16 700	44.5	53.3	15 600	40.0
42.0										16.5	42.9	16 500	29.9	48.4	15 600	29.9	48.4	15 600	38.7	51.0	14 600	42.0
44.0													20.8	44.0	14 600	20.8	44.0	14 600	32.1	48.1	13 700	44.0
46.0																			23.9	44.2	12 800	46.0
48.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	73.5	68.2	49 900* <sup>b</sup>																			15.2
16.0	72.1	68.0	48 500* <sup>b</sup>																			16.0
18.0	68.4	67.2	44 900* <sup>b</sup>																			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	37 600	65.8	65.8	36 400													24.0
26.0	52.5	62.6	34 100*	58.6	64.2	33 900	61.9	64.8	32 800													26.0
28.0	48.1	60.9	30 500*	54.4	62.8	30 800	58.0	63.6	29 800													28.0
30.0	43.2	58.9	27 600*	50.1	61.2	28 200	53.8	62.2	27 300	59.5	63.3	25 700										30.0
32.0	37.9	56.5	25 100*	45.4	59.4	25 900	49.4	60.6	25 100	55.5	62.0	23 600										32.0
34.0	31.8	53.5	22 900*	40.3	57.1	24 000	44.7	58.7	23 200	51.2	60.4	21 800	56.9	61.4	20 500							34.0
36.0	24.4	49.7	21 100*	34.6	54.5	22 200	39.5	56.4	21 500	46.6	58.7	20 200	52.7	60.0	19 000							36.0
38.0	13.4	43.6	19 300*	27.9	51.1	20 700	33.7	53.7	20 000	41.6	56.5	18 800	48.2	58.3	17 700							38.0
40.0				19.0	46.3	19 300	26.7	50.1	18 600	36.1	54.0	17 500	43.4	56.3	16 500	49.6	57.5	15 400				40.0
42.0							17.3	45.0	17 400	29.6	50.8	16 400	38.1	53.9	15 400	44.9	55.6	14 400				42.0
44.0										21.5	46.5	15 400	32.0	51.0	14 400	39.8	53.4	13 500				44.0
46.0													24.7	47.2	13 500	34.0	50.7	12 600	41.1	52.5	11 700	46.0
48.0													14.0	41.3	12 600	27.1	47.2	11 900	35.5	49.9	11 000	48.0
50.0																17.9	42.2	11 100	28.9	46.6	10 300	50.0
52.0																			20.5	42.1	9 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	74.9	71.4	48 400* <sup>b</sup>																			15.2
16.0	73.6	71.2	47 100* <sup>b</sup>																			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	41 200*																22.0
24.0	59.9	67.6	35 900*	65.0	68.7	37 500																24.0
26.0	56.1	66.3	33 700*	61.4	67.7	33 700	64.5	68.2	32 500													26.0
28.0	52.3	64.9	30 400*	57.8	66.5	30 600	60.9	67.2	29 600													28.0
30.0	48.1	63.2	27 400*	54.0	65.1	28 000	57.2	65.9	27 000													30.0
32.0	43.7	61.2	24 900*	50.0	63.5	25 800	53.4	64.5	24 900	58.7	65.6	23 400										32.0
34.0	38.9	58.9	22 700*	45.7	61.7	23 800	49.4	62.9	22 900	54.9	64.3	21 600										34.0
36.0	33.5	56.1	20 900*	41.1	59.5	22 100	45.0	61.0	21 300	51.0	62.7	20 000										36.0
38.0	27.2	52.6	19 300*	36.0	56.9	20 500	40.4	58.8	19 800	46.8	61.0	18 600	52.4	62.3	17 400							38.0
40.0	19.0	47.7	17 800*	30.1	53.8	19 200	35.2	56.1	18 500	42.3	58.9	17 300	48.3	60.6	16 200							40.0
42.0				23.0	49.7	17 900	29.2	52.9	17 300	37.3	56.4	16 200	43.9	58.6	15 200	49.6	59.8	14 100				42.0
44.0				12.2	43.1	16 700	21.7	48.6	16 200	31.7	53.5	15 200	39.1	56.3	14 200	45.3	58.0	13 200				44.0
46.0										24.9	49.6	14 200	33.8	53.5	13 300	40.6	55.8	12 400	46.3	56.9	11 500	46.0
48.0										15.6	44.0	13 400	27.5	50.1	12 500	35.5	53.1	11 600	41.8	54.8	10 800	48.0
50.0													19.4	45.3	11 800	29.5	49.9	10 900	36.8	52.3	10 100	50.0
52.0																22.2	45.7	10 300	31.1	49.3	9 500	52.0
54.0																			24.1	45.3	8 900	54.0
56.0																			14.3	39.4	8 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	76.1	74.5	47 100* <sup>b</sup>																			15.2
16.0	74.9	74.3	45 800* <sup>b</sup>																			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	37 200																24.0
26.0	59.1	70.0	33 000*	63.8	71.2	33 600	66.6	71.6	32 400													26.0
28.0	55.6	68.7	30 500*	60.5	70.1	30 500	63.4	70.6	29 500													28.0
30.0	52.0	67.2	27 300*	57.1	68.8	27 900	60.0	69.5	26 900													30.0
32.0	48.2	65.5	24 900*	53.6	67.4	25 600	56.6	68.3	24 800													32.0
34.0	44.2	63.5	22 700*	49.9	65.8	23 700	53.1	66.8	22 800	58.0	68.0	21 400										34.0
36.0	39.8	61.2	20 800*	46.0	64.0	22 000	49.3	65.2	21 200	54.5	66.6	19 900										36.0
38.0	35.0	58.6	19 200*	41.7	61.8	20 400	45.4	63.3	19 700	50.8	65.1	18 500										38.0
40.0	29.4	55.3	17 700*	37.1	59.4	19 100	41.1	61.1	18 400	47.0	63.3	17 200	52.1	64.6	16 100							40.0
42.0	22.7	51.1	16 400*	32.0	56.4	17 900	36.4	58.6	17 200	42.8	61.2	16 100	48.4	62.9	15 100							42.0
44.0	13.0	44.7	15 200*	25.9	52.7	16 700	31.1	55.5	16 100	38.3	58.8	15 100	44.3	60.9	14 100	49.5	62.1	13 100				44.0
46.0				17.9	47.6	15 700	24.8	51.7	15 100	33.3	56.0	14 200	40.0	58.7	13 200	45.6	60.3	12 300				46.0
48.0							16.4	46.2	14 300	27.5	52.5	13 300	35.1	56.0	12 400	41.3	58.1	11 600				48.0
50.0										20.1	47.9	12 500	29.7	52.8	11 700	36.7	55.6	10 800	42.4	57.2	10 000	50.0
52.0													23.0	48.7	11 000	31.4	52.6	10 200	37.8	54.7	9 400	52.0
54.0													13.5	42.4	10 300	25.2	48.8	9 600	32.8	51.8	8 900	54.0
56.0																16.9	43.4	9 000	26.8	48.3	8 400	56.0
58.0																			19.3	43.4	7 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	33 400																26.0
28.0	58.4	72.3	30 200*	62.8	73.5	30 300	65.4	74.0	29 300													28.0
30.0	55.2	71.0	27 200*	59.8	72.4	27 700	62.4	73.0	26 700													30.0
32.0	51.8	69.5	24 600*	56.6	71.2	25 400	59.3	71.9	24 500													32.0
34.0	48.3	67.8	22 500*	53.3	69.7	23 500	56.1	70.6	22 700	60.5	71.5	21 200										34.0
36.0	44.5	65.8	20 600*	49.8	68.1	21 800	52.8	69.1	21 000	57.4	70.3	19 600										36.0
38.0	40.5	63.6	19 000*	46.2	66.3	20 200	49.3	67.5	19 500	54.1	68.9	18 200										38.0
40.0	36.1	61.0	17 500*	42.3	64.2	18 900	45.6	65.6	18 200	50.7	67.4	17 000	55.3	68.4	15 900							40.0
42.0	31.2	57.9	16 200*	38.1	61.8	17 700	41.7	63.5	17 000	47.1	65.6	15 900	51.9	66.9	14 800							42.0
44.0	25.4	54.2	15 100*	33.4	58.9	16 600	37.4	61.0	16 000	43.3	63.6	14 900	48.4	65.2	13 900							44.0
46.0	18.0	49.0	14 000*	28.1	55.5	15 600*	32.7	58.1	15 000	39.2	61.2	14 000	44.7	63.2	13 000	49.5	64.4	12 000				46.0
48.0				21.6	51.1	14 500*	27.2	54.6	14 100	34.6	58.5	13 200	40.7	61.0	12 200	45.8	62.6	11 300				48.0
50.0				12.0	44.2	13 500*	20.4	49.9	13 300	29.5	55.3	12 400	36.3	58.5	11 500	41.9	60.5	10 600				50.0
52.0										23.3	51.1	11 700	31.4	55.4	10 800	37.7	58.0	10 000				52.0
54.0										14.9	45.2	11 000	25.7	51.7	10 200	33.0	55.1	9 400	42.9	59.5	9 200	54.0
56.0													18.3	46.6	9 600	27.5	51.6	8 800	34.1	54.4	8 100	56.0
58.0																20.8	47.1	8 400	28.9	51.0	7 600	58.0
60.0																			22.6	46.8	7 200	60.0
62.0																			13.8	40.5	6 800	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

FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	33 200																26.0
28.0	60.7	75.9	29 600*	64.8	77.0	30 100	67.1	77.4	29 000													28.0
30.0	57.8	74.7	27 600*	62.0	75.9	27 500	64.4	76.4	26 500													30.0
32.0	54.8	73.3	25 000*	59.1	74.8	25 300	61.6	75.4	24 300													32.0
34.0	51.6	71.8	22 800*	56.1	73.5	23 300	58.6	74.2	22 400													34.0
36.0	48.3	70.1	20 900*	53.0	72.0	21 600	55.6	72.9	20 800	59.8	73.9	19 400										36.0
38.0	44.8	68.1	19 200*	49.8	70.4	20 100	52.5	71.4	19 300	56.8	72.6	18 100										38.0
40.0	41.1	65.9	17 700*	46.4	68.6	18 700	49.3	69.8	18 000	53.8	71.2	16 800										40.0
42.0	37.1	63.4	16 400*	42.8	66.5	17 500	45.9	67.9	16 800	50.6	69.7	15 700	54.9	70.7	14 600							42.0
44.0	32.7	60.5	15 300*	38.9	64.2	16 400	42.2	65.8	15 700	47.2	67.9	14 700	51.7	69.2	13 700							44.0
46.0	27.6	57.0	14 200*	34.7	61.4	15 400	38.3	63.4	14 800	43.7	65.9	13 800	48.4	67.5	12 800							46.0
48.0	21.4	52.5	13 100*	29.9	58.2	14 500	34.0	60.6	13 900	39.9	63.6	12 900	45.0	65.6	12 000	49.5	66.7	11 100				48.0
50.0	12.6	45.8	11 800*	24.3	54.2	13 600*	29.1	57.3	13 100	35.8	61.0	12 200	41.3	63.4	11 300	46.0	64.9	10 400				50.0
52.0				17.0	48.8	12 600*	23.4	53.2	12 400	31.1	57.9	11 500	37.3	60.9	10 600	42.4	62.8	9 800	46.9	63.8	9 000	52.0
54.0							15.7	47.4	11 600	25.8	54.1	10 800	32.8	58.0	10 000	38.5	60.4	9 200	43.3	61.8	8 400	54.0
56.0										19.1	49.2	10 200	27.8	54.5	9 400	34.2	57.6	8 700	39.5	59.5	7 900	56.0
58.0													21.7	50.1	8 900	29.4	54.4	8 200	35.3	56.8	7 500	58.0
60.0													13.1	43.5	8 400	23.7	50.3	7 700	30.6	53.7	7 000	60.0
62.0																16.2	44.6	7 200	25.2	49.8	6 600	62.0
64.0																			18.3	44.7	6 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	29 900																28.0
30.0	60.0	78.2	27 200*	63.9	79.4	27 300	66.1	79.8	26 300													30.0
32.0	57.3	77.0	24 800*	61.2	78.3	25 000	63.5	78.9	24 100													32.0
34.0	54.4	75.6	22 600*	58.5	77.1	23 100	60.8	77.8	22 200													34.0
36.0	51.4	74.1	20 700*	55.7	75.8	21 400	58.1	76.6	20 600													36.0
38.0	48.4	72.4	19 000*	52.8	74.3	19 900	55.2	75.2	19 100	59.2	76.3	17 800										38.0
40.0	45.1	70.4	17 500*	49.7	72.7	18 500	52.3	73.7	17 800	56.4	75.0	16 600										40.0
42.0	41.7	68.3	16 200*	46.5	70.9	17 300	49.3	72.1	16 600	53.5	73.5	15 500										42.0
44.0	37.9	65.9	15 000*	43.2	68.9	16 200	46.1	70.2	15 600	50.5	72.0	14 500	54.5	73.0	13 400							44.0
46.0	33.9	63.0	14 000*	39.6	66.5	15 200	42.7	68.2	14 600	47.3	70.2	13 600	51.6	71.5	12 500							46.0
48.0	29.3	59.7	13 000*	35.7	63.9	14 300	39.0	65.8	13 700	44.0	68.2	12 700	48.5	69.8	11 800							48.0
50.0	24.0	55.7	12 100*	31.4	60.8	13 400*	35.1	63.1	12 900	40.5	66.0	12 000	45.2	67.9	11 100	49.4	69.0	10 200				50.0
52.0	17.2	50.2	11 100*	26.5	57.2	12 500*	30.7	60.0	12 200	36.7	63.4	11 300	41.8	65.7	10 400	46.2	67.2	9 500				52.0
54.0				20.5	52.4	11 600*	25.7	56.2	11 500	32.5	60.5	10 600	38.1	63.3	9 800	42.9	65.1	9 000				54.0
56.0				11.7	45.3	10 700*	19.4	51.2	10 800	27.8	57.0	10 000	34.1	60.5	9 200	39.2	62.8	8 400	43.7	64.1	7 700	56.0
58.0										22.1	52.6	9 400	29.5	57.2	8 700	35.3	60.1	8 000	40.1	61.9	7 200	58.0
60.0										14.4	46.3	8 900	24.2	53.2	8 200	31.0	57.0	7 500	36.3	59.3	6 800	60.0
62.0													17.5	47.8	7 700	26.0	53.2	7 000	32.1	56.3	6 400	62.0
64.0													4.8	37.3	7 300	19.8	48.4	6 600	27.2	52.7	6 000	64.0
66.0																			21.4	48.2	5 600	66.0
68.0																			13.4	41.6	5 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	27 200																30.0
32.0	59.4	80.6	24 700*	63.1	81.8	24 900	65.2	82.3	23 900													32.0
34.0	56.8	79.3	22 400*	60.5	80.7	23 000	62.7	81.3	22 100													34.0
36.0	54.1	77.9	20 500*	58.0	79.5	21 300	60.2	80.1	20 400													36.0
38.0	51.3	76.4	18 900*	55.3	78.1	19 800	57.6	78.9	19 000	61.2	79.8	17 700										38.0
40.0	48.4	74.7	17 400*	52.5	76.7	18 400	54.9	77.6	17 700	58.6	78.6	16 500										40.0
42.0	45.3	72.8	16 100*	49.7	75.0	17 200	52.1	76.1	16 500	56.0	77.3	15 400										42.0
44.0	42.1	70.6	14 900*	46.7	73.2	16 100	49.2	74.4	15 400	53.2	75.9	14 300										44.0
46.0	38.7	68.2	13 800*	43.5	71.2	15 100	46.2	72.5	14 500	50.4	74.3	13 400	54.2	75.3	12 400							46.0
48.0	34.9	65.5	12 800*	40.2	68.9	14 200	43.1	70.5	13 600	47.4	72.5	12 600	51.4	73.8	11 600							48.0
50.0	30.8	62.4	12 000*	36.6	66.3	13 300*	39.7	68.2	12 800	44.3	70.5	11 900	48.5	72.1	10 900							50.0
52.0	26.1	58.6	11 200*	32.7	63.4	12 300*	36.1	65.6	12 100	41.1	68.3	11 200	45.5	70.2	10 300	49.4	71.3	9 400				52.0
54.0	20.4	53.9	10 300*	28.3	59.9	11 500*	32.1	62.6	11 400	37.5	65.8	10 500	42.2	68.1	9 700	46.4	69.5	8 800				54.0
56.0	12.3	46.9	9 300*	23.1	55.7	10 800*	27.5	59.0	10 800	33.7	63.0	9 900	38.8	65.7	9 100	43.2	67.5	8 300				56.0
58.0				16.4	50.0	9 900*	22.2	54.6	10 200	29.4	59.7	9 400	35.1	63.0	8 600	39.9	65.2	7 800	44.0	66.5	7 100	58.0
60.0							15.1	48.5	9 600	24.4	55.7	8 900	31.0	59.9	8 100	36.2	62.6	7 400	40.7	64.2	6 700	60.0
62.0										18.2	50.4	8 400	26.3	56.1	7 600	32.3	59.6	6 900	37.2	61.7	6 300	62.0
64.0										8.3	41.6	7 900	20.6	51.4	7 200	27.8	56.1	6 500	33.3	58.8	5 900	64.0
66.0													12.7	44.6	6 800	22.5	51.7	6 200	28.9	55.5	5 500	66.0
68.0																15.6	45.8	5 800	23.9	51.4	5 200	68.0
70.0																			17.5	45.9	4 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	26 800																30.0
32.0	61.3	84.1	24 400*	64.7	85.2	24 700																32.0
34.0	58.9	82.9	22 200*	62.3	84.2	22 800	64.3	84.7	21 900													34.0
36.0	56.4	81.6	20 300*	59.9	83.0	21 100	62.0	83.6	20 200													36.0
38.0	53.8	80.2	18 600*	57.5	81.8	19 600	59.6	82.5	18 700													38.0
40.0	51.2	78.7	17 100*	55.0	80.5	18 200	57.1	81.2	17 500	60.5	82.2	16 200										40.0
42.0	48.4	77.0	15 800*	52.3	79.0	17 000	54.6	79.9	16 300	58.1	80.9	15 100										42.0
44.0	45.5	75.1	14 600*	49.6	77.3	15 900	52.0	78.4	15 200	55.6	79.6	14 100										44.0
46.0	42.5	73.0	13 600*	46.8	75.5	14 900	49.2	76.7	14 300	53.0	78.2	13 200	56.5	79.1	12 200							46.0
48.0	39.3	70.6	12 600*	43.9	73.5	14 000*	46.4	74.8	13 400	50.3	76.6	12 400	53.9	77.6	11 400							48.0
50.0	35.8	68.0	11 700*	40.7	71.3	13 000*	43.4	72.8	12 600	47.5	74.8	11 700	51.3	76.1	10 700							50.0
52.0	32.1	65.0	10 900*	37.4	68.8	12 100*	40.3	70.5	11 900	44.6	72.8	11 000	48.5	74.4	10 100	52.1	75.3	9 200				52.0
54.0	27.8	61.4	10 200*	33.8	65.9	11 300*	36.9	68.0	11 200	41.5	70.7	10 300	45.7	72.5	9 500	49.4	73.6	8 600				54.0
56.0	22.9	57.1	9 500*	29.8	62.6	10 500*	33.2	65.1	10 600	38.2	68.2	9 700	42.6	70.4	8 900	46.5	71.8	8 100				56.0
58.0	16.6	51.4	8 800*	25.2	58.7	9 800*	29.1	61.7	10 000	34.7	65.5	9 200	39.4	68.1	8 400	43.6	69.8	7 600	47.2	70.8	6 800	58.0
60.0				19.6	53.8	9 100*	24.4	57.7	9 500	30.8	62.3	8 700	36.0	65.4	7 900	40.4	67.5	7 100	44.3	68.8	6 400	60.0
62.0				11.6	46.4	8 400*	18.6	52.5	8 900	26.4	58.6	8 200	32.2	62.4	7 400	37.1	65.0	6 700	41.2	66.6	6 000	62.0
64.0							9.8	44.4	8 300*	21.1	53.9	7 700	28.0	58.9	7 000	33.4	62.1	6 300	37.9	64.1	5 700	64.0
66.0										14.0	47.5	7 300	23.1	54.7	6 600	29.3	58.8	5 900	34.3	61.3	5 300	66.0
68.0													16.8	49.0	6 200	24.7	54.8	5 600	30.4	58.1	5 000	68.0
70.0													5.8	38.6	5 800	18.9	49.7	5 200	25.9	54.3	4 600	70.0
72.0																			20.5	49.6	4 300	72.0
74.0																			13.0	42.7	4 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	24 500																32.0
34.0	60.7	86.5	22 000*	63.9	87.6	22 600	65.8	88.0	21 700													34.0
36.0	58.4	85.3	20 100*	61.7	86.6	20 900	63.6	87.1	20 000													36.0
38.0	56.0	84.0	18 400*	59.4	85.4	19 400	61.3	86.0	18 600													38.0
40.0	53.6	82.5	16 900*	57.1	84.1	18 000	59.0	84.9	17 300	62.2	85.6	16 000										40.0
42.0	51.1	81.0	15 600*	54.7	82.8	16 800	56.7	83.6	16 100	60.0	84.5	14 900										42.0
44.0	48.5	79.3	14 400*	52.2	81.3	15 700	54.3	82.2	15 100	57.6	83.3	13 900										44.0
46.0	45.7	77.4	13 300*	49.6	79.6	14 700	51.8	80.7	14 100	55.2	81.9	13 000										46.0
48.0	42.9	75.3	12 400*	46.9	77.8	13 800*	49.2	79.0	13 200	52.8	80.5	12 200	56.1	81.4	11 200							48.0
50.0	39.9	73.0	11 500*	44.2	75.8	12 800*	46.5	77.2	12 400	50.2	78.9	11 400	53.7	80.0	10 500							50.0
52.0	36.6	70.4	10 700*	41.2	73.6	11 900*	43.7	75.1	11 700	47.6	77.1	10 800	51.2	78.4	9 900							52.0
54.0	33.1	67.5	10 000*	38.1	71.2	11 100*	40.8	72.9	11 000	44.9	75.1	10 100	48.6	76.7	9 200	51.9	77.6	8 400				54.0
56.0	29.3	64.2	9 300*	34.7	68.4	10 300*	37.6	70.4	10 400	41.9	73.0	9 500	45.8	74.8	8 700	49.4	75.9	7 900				56.0
58.0	24.9	60.2	8 700*	31.0	65.3	9 600*	34.2	67.6	9 800	38.9	70.6	9 000	43.0	72.7	8 200	46.7	74.1	7 400				58.0
60.0	19.6	55.2	8 000*	26.9	61.6	8 900*	30.5	64.4	9 300	35.6	67.9	8 500	40.0	70.4	7 700	43.9	72.1	6 900				60.0
62.0	12.1	48.0	7 200*	22.0	57.1	8 300*	26.2	60.6	8 800	32.0	64.9	8 000	36.8	67.9	7 300	40.9	69.9	6 500	44.6	71.1	5 800	62.0
64.0				21.2	56.0	8 300*	28.0	61.4	7 600	28.0	61.4	7 600	33.3	65.0	6 800	37.8	67.4	6 100	41.6	68.9	5 400	64.0
66.0				15.8	51.2	7 700*	21.2	56.0	8 300*	23.3	57.2	7 200	29.4	61.7	6 400	34.4	64.6	5 800	38.5	66.5	5 100	66.0
68.0										17.6	51.7	6 700	25.1	57.7	6 100	30.7	61.4	5 400	35.2	63.8	4 800	68.0
70.0										8.5	42.7	6 300	19.8	52.8	5 700	26.5	57.7	5 100	31.6	60.7	4 500	70.0
72.0													12.5	45.7	5 400	21.5	53.1	4 700	27.5	57.2	4 200	72.0
74.0																15.1	46.9	4 400	22.8	52.8	3 900	74.0
76.0																			16.9	47.2	3 600	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	22 500	67.1	91.4	21 500													34.0
36.0	60.1	88.8	19 800*	63.2	90.0	20 700	65.0	90.5	19 800													36.0
38.0	57.9	87.6	18 100*	61.1	88.9	19 200	62.9	89.5	18 300													38.0
40.0	55.7	86.3	16 600*	58.9	87.8	17 900	60.8	88.4	17 000													40.0
42.0	53.4	84.9	15 300*	56.7	86.5	16 600	58.6	87.2	15 900	61.6	88.0	14 700										42.0
44.0	51.0	83.3	14 200*	54.4	85.1	15 600	56.3	85.9	14 800	59.4	86.9	13 700										44.0
46.0	48.5	81.6	13 100*	52.0	83.6	14 600	54.0	84.5	13 900	57.2	85.6	12 800										46.0
48.0	45.9	79.7	12 100*	49.6	81.9	13 600*	51.7	83.0	13 000	54.9	84.3	12 000										48.0
50.0	43.2	77.6	11 300*	47.0	80.1	12 600*	49.2	81.3	12 200	52.6	82.8	11 300	55.8	83.7	10 300							50.0
52.0	40.4	75.4	10 400*	44.4	78.1	11 600*	46.7	79.5	11 500	50.2	81.2	10 500	53.4	82.3	9 600							52.0
54.0	37.3	72.8	9 700*	41.6	76.0	10 800*	44.0	77.5	10 800	47.7	79.4	9 900	51.1	80.7	9 000							54.0
56.0	34.1	70.0	9 100*	38.7	73.6	10 100*	41.2	75.3	10 200	45.1	77.5	9 300	48.6	79.0	8 500							56.0
58.0	30.5	66.8	8 500*	35.5	70.9	9 400*	38.2	72.8	9 600	42.3	75.3	8 800	46.0	77.1	8 000	49.3	78.2	7 100				58.0
60.0	26.6	63.1	7 900*	32.1	67.9	8 700*	35.1	70.1	9 100	39.4	73.0	8 300	43.3	75.1	7 500	46.8	76.4	6 700				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	7 800	40.5	72.8	7 000	44.1	74.4	6 300				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	7 300	37.5	70.3	6 600	41.4	72.2	5 900	44.8	73.4	5 200	64.0
66.0				18.8	55.1	7 000*	23.4	59.2	7 500*	29.3	64.1	6 900	34.2	67.5	6 200	38.4	69.8	5 500	42.0	71.3	4 900	66.0
68.0				11.4	47.5	6 400*	17.9	53.8	6 900*	25.2	60.2	6 600	30.7	64.3	5 900	35.2	67.1	5 200	39.1	68.9	4 500	68.0
70.0							9.9	45.5	6 300*	20.2	55.3	6 200	26.7	60.6	5 500	31.8	64.0	4 900	36.0	66.3	4 200	70.0
72.0										13.6	48.6	5 800	22.1	56.1	5 200	28.0	60.5	4 600	32.7	63.3	3 900	72.0
74.0													16.3	50.2	4 900	23.6	56.3	4 300	28.9	59.9	3 700	74.0
76.0													6.4	39.9	4 500	18.2	51.0	4 000	24.7	55.9	3 400	76.0
78.0																			19.7	50.9	3 100	78.0
80.0																			12.8	43.8	2 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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	48 100b	64.3	57.5	46 600b													20.0
22.0	40.0	52.6	42 800*	52.0	55.3	42 600b	58.1	56.3	41 100b													22.0
24.0	30.4	49.7	37 400*	44.6	53.5	38 100	51.5	54.8	36 800													24.0
26.0				36.2	51.1	34 400	44.1	53.0	33 300	55.0	54.8	31 400b										26.0
28.0				25.3	47.6	31 300	35.5	50.5	30 300	48.1	53.1	28 500										28.0
30.0							24.4	46.8	27 700	40.2	51.0	26 100	51.5	52.9	24 500							30.0
32.0										44.1	51.0	22 600	44.1	51.0	22 600							32.0
34.0													35.6	48.5	20 800	47.4	50.4	19 600				34.0
36.0													24.5	44.9	19 300	39.4	48.3	18 100	42.4	47.5	15 700	36.0
38.0																29.7	45.2	16 800	33.5	44.8	14 700	38.0
40.0																			21.4	40.8	13 700	40.0
42.0																						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	47 900b																20.0
22.0	48.0	57.1	42 300*	57.4	59.1	42 400b	62.5	59.8	41 000b													22.0
24.0	41.2	55.0	37 600*	51.6	57.7	37 900	57.0	58.6	36 600													24.0
26.0	33.3	52.3	33 300*	45.2	55.8	34 300	51.2	57.1	33 100	60.0	58.4	31 100b										26.0
28.0	23.0	48.4	29 900*	38.0	53.5	31 100	44.8	55.3	30 100	54.3	57.1	28 300										28.0
30.0				29.3	50.4	28 500	37.5	52.9	27 500	48.2	55.4	25 900										30.0
32.0				16.8	45.5	26 200	28.6	49.7	25 300	41.4	53.4	23 800	51.2	55.2	22 300							32.0
34.0										33.5	50.7	22 000	44.8	53.3	20 600	47.6	52.8	17 900				34.0
36.0										23.3	46.8	20 400	37.5	50.9	19 100	40.7	50.6	16 600				36.0
38.0													28.7	47.7	17 800	32.7	47.8	15 500	43.3	49.8	14 400	38.0
40.0																22.1	43.8	14 400	35.8	47.3	13 400	40.0
42.0																			26.4	43.9	12 600	42.0
44.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 35.1m (115 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	
15.2	69.9	64.8	53 400*b																			15.2
16.0	68.1	64.5	51 800*b																			16.0
18.0	63.5	63.6	47 900*																			18.0
20.0	58.7	62.5	44 600*	66.1	63.7	47 800b																20.0
22.0	53.6	61.1	41 600*	61.5	62.7	42 200	65.8	63.3	40 800b													22.0
24.0	48.2	59.4	37 800*	56.5	61.5	37 800	61.1	62.2	36 400													24.0
26.0	42.2	57.3	33 400*	51.3	60.0	34 100	56.2	61.0	32 900													26.0
28.0	35.4	54.8	30 000*	45.7	58.1	31 000	50.9	59.4	29 900	58.8	60.8	28 100										28.0
30.0	27.1	51.4	27 100*	39.4	55.9	28 400	45.2	57.6	27 400	53.7	59.4	25 700										30.0
32.0	15.0	46.0	24 600*	32.1	53.0	26 100	38.9	55.3	25 200	48.3	57.7	23 700										32.0
34.0				22.7	49.0	24 100	31.5	52.4	23 300	42.3	55.7	21 900	51.0	57.5	20 400							34.0
36.0							21.9	48.3	21 600	35.6	53.2	20 300	45.3	55.6	18 900							36.0
38.0										27.4	49.8	18 800	38.9	53.3	17 600	47.8	55.1	16 400				38.0
40.0													31.5	50.4	16 400	41.7	53.0	15 300				40.0
42.0													22.0	46.3	15 400	34.9	50.4	14 300	44.0	52.1	13 300	42.0
44.0																26.5	46.9	13 400	37.5	49.8	12 400	44.0
46.0																		19.3	46.6	11 600	46.0	46.0
48.0																			42.1	10 900	48.0	48.0

#### 35.1m (115 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	
15.2	72.0	68.1	51 900*b																			15.2
16.0	70.4	67.8	50 400*b																			16.0
18.0	66.3	67.0	46 600*																			18.0
20.0	62.1	66.0	43 400*	68.7	67.0	47 600b																20.0
22.0	57.8	64.8	40 600*	64.5	66.1	42 000																22.0
24.0	53.1	63.4	37 500*	60.3	65.1	37 600	64.3	65.7	36 200													24.0
26.0	48.2	61.7	33 300*	55.8	63.8	33 900	60.0	64.6	32 700													26.0
28.0	42.9	59.7	29 900*	51.1	62.3	30 800	55.5	63.3	29 700													28.0
30.0	36.9	57.2	27 000*	46.0	60.4	28 200	50.7	61.7	27 200	57.9	63.1	25 500										30.0
32.0	30.0	54.1	24 500*	40.4	58.3	25 900	45.6	59.9	25 000	53.3	61.7	23 400										32.0
34.0	21.0	49.8	22 400*	34.1	55.6	24 000	40.0	57.7	23 100	48.4	60.0	21 600	55.5	61.3	20 200							34.0
36.0				26.5	52.0	22 200	33.6	55.0	21 400	43.0	58.0	20 000	50.8	59.8	18 700							36.0
38.0				15.7	46.6	20 700	25.9	51.3	19 900	37.1	55.6	18 700	45.7	57.9	17 400							38.0
40.0										30.2	52.5	17 400	40.1	55.7	16 200	47.9	57.4	15 000				40.0
42.0										21.3	48.2	16 200	33.7	53.0	15 200	42.5	55.3	14 100				42.0
44.0													25.9	49.4	14 200	36.5	52.8	13 100	44.5	54.5	12 100	44.0
46.0																29.5	49.7	12 300	38.8	52.2	11 400	46.0
48.0																20.2	45.2	11 600	32.2	49.3	10 700	48.0
50.0																			24.0	45.4	10 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	73.7	71.3	50 200* <sup>b</sup>																			15.2
16.0	72.3	71.0	48 800* <sup>b</sup>																			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* <sup>b</sup>																20.0
22.0	61.0	68.4	39 500*	67.0	69.5	41 900																22.0
24.0	57.0	67.1	37 100*	63.2	68.5	37 300																24.0
26.0	52.8	65.7	34 300*	59.3	67.4	33 700	63.0	68.1	32 500													26.0
28.0	48.3	64.0	30 700*	55.2	66.1	30 700	59.0	66.9	29 500													28.0
30.0	43.5	62.0	27 700*	50.9	64.6	28 000	54.9	65.6	27 000													30.0
32.0	38.2	59.6	25 200*	46.3	62.7	25 800	50.6	64.0	24 800	57.1	65.5	23 200										32.0
34.0	32.2	56.7	23 100*	41.3	60.6	23 800	46.0	62.2	22 900	52.9	64.0	21 400										34.0
36.0	24.8	52.9	21 200*	35.7	58.0	22 100	40.9	60.1	21 200	48.4	62.3	19 800	54.9	63.6	18 500							36.0
38.0	14.2	47.1	19 200*	29.2	54.8	20 600	35.3	57.4	19 800	43.6	60.4	18 500	50.6	62.1	17 200							38.0
40.0				28.7	54.2	18 400	28.7	54.2	18 400	38.3	58.0	17 200	46.0	60.2	16 000							40.0
42.0				20.2	49.6	17 200	20.2	49.6	17 200	32.3	55.1	16 100	40.9	58.1	14 900	48.0	59.7	13 800				42.0
44.0										25.0	51.4	15 100	35.3	55.5	14 000	43.1	57.6	12 900				44.0
46.0													28.7	52.2	13 100	37.8	55.2	12 100	44.9	56.8	11 100	46.0
48.0													20.3	47.7	12 300	31.7	52.3	11 400	39.8	54.5	10 400	48.0
50.0																24.2	48.4	10 700	34.0	51.8	9 800	50.0
52.0																			27.1	48.3	9 200	52.0
54.0																			18.0	43.4	8 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	75.1	74.5	48 700* <sup>b</sup>																			15.2
16.0	73.8	74.2	47 300* <sup>b</sup>																			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	37 100																24.0
26.0	56.3	69.5	34 000*	62.1	70.9	33 500	65.4	71.5	32 200													26.0
28.0	52.5	68.0	30 500*	58.5	69.8	30 400	61.9	70.5	29 300													28.0
30.0	48.4	66.3	27 500*	54.7	68.4	27 800	58.2	69.3	26 800													30.0
32.0	44.0	64.3	25 000*	50.7	66.9	25 600	54.4	67.9	24 600	60.2	69.1	23 000										32.0
34.0	39.2	62.0	22 900*	46.5	65.1	23 600	50.4	66.3	22 700	56.4	67.8	21 100										34.0
36.0	33.9	59.3	20 900*	42.0	63.0	21 900	46.2	64.5	21 000	52.6	66.3	19 600										36.0
38.0	27.6	55.8	19 300*	37.0	60.5	20 400	41.6	62.4	19 600	48.5	64.6	18 200	54.5	65.9	16 900							38.0
40.0	19.6	51.1	17 800*	31.3	57.5	19 000	36.6	59.9	18 300	44.1	62.7	17 000	50.5	64.4	15 800							40.0
42.0				24.5	53.6	17 800	30.9	56.8	17 100	39.3	60.4	15 900	46.2	62.5	14 700							42.0
44.0				14.8	47.8	16 700	23.9	52.9	16 000	34.0	57.6	14 900	41.7	60.4	13 800	48.1	62.0	12 700				44.0
46.0										27.8	54.2	14 000	36.6	57.9	12 900	43.7	60.0	11 900				46.0
48.0										19.8	49.5	13 100	30.9	54.8	12 100	38.8	57.6	11 200	45.3	59.1	10 200	48.0
50.0													24.0	50.9	11 400	33.5	54.8	10 500	40.6	56.9	9 600	50.0
52.0																27.1	51.3	9 800	35.5	54.3	9 000	52.0
54.0																18.9	46.5	9 200	29.5	51.1	8 400	54.0
56.0																			22.2	46.8	7 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	37 100																24.0
26.0	59.3	73.1	33 300*	64.4	74.4	33 400	67.4	74.8	32 100													26.0
28.0	55.8	71.8	30 600*	61.2	73.3	30 300	64.2	73.9	29 100													28.0
30.0	52.2	70.3	27 500*	57.8	72.1	27 700	60.9	72.8	26 600													30.0
32.0	48.4	68.6	24 900*	54.3	70.7	25 500	57.5	71.6	24 500													32.0
34.0	44.4	66.7	22 800*	50.6	69.2	23 600	54.0	70.2	22 600	59.3	71.4	21 100										34.0
36.0	40.0	64.4	20 900*	46.7	67.4	21 800	50.3	68.6	20 900	55.9	70.1	19 500										36.0
38.0	35.2	61.8	19 300*	42.6	65.3	20 300	46.4	66.8	19 500	52.3	68.6	18 100										38.0
40.0	29.8	58.5	17 800*	38.0	62.9	19 000	42.3	64.7	18 200	48.5	66.9	16 900	54.0	68.2	15 600							40.0
42.0	23.1	54.4	16 500*	33.0	60.0	17 700	37.7	62.3	17 000	44.5	65.0	15 800	50.4	66.7	14 600							42.0
44.0	13.7	48.2	15 100*	27.1	56.5	16 700	32.6	59.4	16 000	40.1	62.8	14 800	46.5	64.8	13 700							44.0
46.0				19.6	51.7	15 600	26.6	55.8	15 000	35.4	60.1	13 900	42.3	62.8	12 800	48.1	64.3	11 800				46.0
48.0							19.0	50.9	14 100	29.9	56.9	13 100	37.7	60.3	12 100	44.1	62.3	11 100				48.0
50.0										23.3	52.8	12 300	32.6	57.4	11 300	39.7	60.0	10 400				50.0
52.0													26.7	53.8	10 700	34.9	57.3	9 800	41.3	59.3	8 900	52.0
54.0													19.0	48.9	10 000	29.3	54.1	9 200	36.7	56.7	8 400	54.0
56.0																22.6	49.9	8 700	31.4	53.7	7 900	56.0
58.0																			25.2	49.9	7 400	58.0
60.0																			17.0	44.6	6 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	36 800																24.0
26.0	61.7	76.6	32 500*	66.4	77.7	33 200																26.0
28.0	58.6	75.4	30 400*	63.4	76.8	30 100	66.2	77.3	28 900													28.0
30.0	55.3	74.1	27 300*	60.3	75.7	27 500	63.2	76.3	26 400													30.0
32.0	52.0	72.6	24 800*	57.2	74.4	25 300	60.1	75.2	24 300													32.0
34.0	48.5	70.9	22 600*	53.9	73.0	23 300	57.0	74.0	22 400	61.7	74.9	20 800										34.0
36.0	44.7	69.0	20 700*	50.5	71.5	21 600	53.7	72.5	20 700	58.6	73.8	19 300										36.0
38.0	40.7	66.8	19 000*	46.9	69.7	20 100	50.2	70.9	19 300	55.4	72.4	17 900										38.0
40.0	36.4	64.2	17 600*	43.0	67.6	18 800	46.6	69.1	18 000	52.1	70.9	16 600	57.0	72.0	15 400							40.0
42.0	31.5	61.2	16 300*	38.9	65.3	17 600	42.8	67.1	16 800	48.5	69.2	15 600	53.7	70.5	14 300							42.0
44.0	25.8	57.4	15 100*	34.3	62.5	16 500	38.6	64.7	15 700	44.8	67.3	14 600	50.3	69.0	13 400							44.0
46.0	18.5	52.4	14 100*	29.2	59.2	15 500	34.0	61.9	14 800	40.8	65.1	13 700	46.6	67.1	12 600	51.7	68.3	11 500				46.0
48.0				22.9	55.0	14 500	28.8	58.6	13 900	36.5	62.6	12 900	42.8	65.1	11 800	48.2	66.6	10 800				48.0
50.0				14.3	48.9	13 700*	22.4	54.3	13 100	31.6	59.6	12 100	38.6	62.7	11 100	44.5	64.6	10 100				50.0
52.0										25.9	55.8	11 400	34.0	59.9	10 500	40.4	62.4	9 500	45.8	63.7	8 600	52.0
54.0										18.7	50.8	10 800	28.8	56.6	9 900	36.0	59.8	9 000	41.9	61.6	8 100	54.0
56.0													22.5	52.3	9 300	31.1	56.7	8 400	37.7	59.2	7 600	56.0
58.0																25.3	52.9	8 000	33.0	56.3	7 200	58.0
60.0																17.9	47.7	7 500	27.6	52.8	6 700	60.0
62.0																			20.9	48.2	6 300	62.0
64.0																			10.6	40.9	5 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	33 000																26.0
28.0	60.9	79.0	29 800*	65.3	80.2	29 900																28.0
30.0	58.0	77.8	27 800*	62.5	79.2	27 300	65.1	79.7	26 200													30.0
32.0	54.9	76.4	25 200*	59.6	78.0	25 100	62.3	78.7	24 000													32.0
34.0	51.8	74.9	22 900*	56.7	76.8	23 100	59.4	77.6	22 200													34.0
36.0	48.5	73.2	21 000*	53.6	75.3	21 400	56.5	76.3	20 500	60.9	77.3	19 000										36.0
38.0	45.0	71.3	19 300*	50.4	73.8	19 900	53.4	74.9	19 100	58.0	76.1	17 700										38.0
40.0	41.3	69.1	17 800*	47.0	72.0	18 600	50.2	73.2	17 800	55.0	74.8	16 500										40.0
42.0	37.3	66.6	16 500*	43.5	70.0	17 400	46.8	71.4	16 600	51.9	73.2	15 400	56.5	74.3	14 100							42.0
44.0	32.9	63.7	15 300*	39.6	67.7	16 300	43.2	69.4	15 600	48.6	71.5	14 400	53.4	72.9	13 200							44.0
46.0	27.9	60.3	14 200*	35.5	65.0	15 300	39.4	67.1	14 600	45.1	69.6	13 500	50.2	71.3	12 400							46.0
48.0	21.8	55.8	13 300*	30.8	61.9	14 400	35.2	64.4	13 700	41.4	67.5	12 700	46.8	69.5	11 600	51.6	70.6	10 600				48.0
50.0	13.2	49.3	11 700*	25.4	58.1	13 500	30.5	61.3	12 900	37.4	65.0	11 900	43.2	67.4	10 900	48.3	68.9	9 900				50.0
52.0				18.6	53.0	12 800	25.0	57.4	12 200	33.0	62.1	11 200	39.4	65.1	10 200	44.8	66.9	9 300				52.0
54.0							18.0	52.2	11 500	28.0	58.7	10 600	35.2	62.4	9 700	41.1	64.7	8 700	46.1	66.0	7 900	54.0
56.0										22.0	54.3	10 000	30.5	59.3	9 100	37.0	62.2	8 200	42.4	63.9	7 400	56.0
58.0													25.1	55.4	8 600	32.6	59.3	7 800	38.5	61.6	7 000	58.0
60.0													18.1	50.2	8 100	27.5	55.8	7 300	34.2	58.8	6 500	60.0
62.0																21.3	51.3	6 900	29.4	55.5	6 100	62.0
64.0																12.4	44.5	6 400	23.7	51.4	5 800	64.0
66.0																			16.2	45.8	5 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	32 700																26.0
28.0	62.9	82.4	29 000*	67.0	83.5	29 700																28.0
30.0	60.2	81.3	27 400*	64.4	82.6	27 100																30.0
32.0	57.4	80.1	24 900*	61.7	81.5	24 900	64.2	82.1	23 800													32.0
34.0	54.6	78.7	22 700*	59.0	80.4	22 900	61.5	81.1	21 900													34.0
36.0	51.6	77.2	20 800*	56.2	79.1	21 200	58.8	79.9	20 300													36.0
38.0	48.5	75.5	19 100*	53.3	77.7	19 700	56.0	78.6	18 900	60.2	79.7	17 400										38.0
40.0	45.3	73.6	17 600*	50.3	76.1	18 400	53.1	77.2	17 600	57.5	78.4	16 200										40.0
42.0	41.8	71.5	16 200*	47.1	74.3	17 200	50.1	75.5	16 400	54.6	77.1	15 100										42.0
44.0	38.1	69.0	15 100*	43.8	72.3	16 100	46.9	73.7	15 400	51.7	75.5	14 100	56.0	76.6	13 000							44.0
46.0	34.1	66.3	14 000*	40.3	70.0	15 100	43.6	71.7	14 400	48.6	73.8	13 300	53.1	75.2	12 100							46.0
48.0	29.6	63.0	13 000*	36.5	67.5	14 200	40.0	69.5	13 600	45.4	72.0	12 400	50.1	73.6	11 400							48.0
50.0	24.3	59.0	12 100*	32.2	64.5	13 400	36.2	66.9	12 800	41.9	69.8	11 700	46.9	71.8	10 700							50.0
52.0	17.6	53.6	11 300*	27.5	60.9	12 600	31.9	63.9	12 000	38.2	67.4	11 000	43.6	69.7	10 000	48.3	71.2	9 100				52.0
54.0				21.7	56.5	11 800*	27.1	60.3	11 300	34.2	64.6	10 400	40.0	67.5	9 400	45.0	69.2	8 500				54.0
56.0				13.8	50.0	10 900*	21.3	55.7	10 700	29.7	61.4	9 800	36.2	64.9	8 900	41.6	67.1	8 000				56.0
58.0										24.5	57.4	9 200	32.0	61.9	8 400	37.9	64.6	7 500	42.9	66.3	6 700	58.0
60.0										17.8	52.1	8 700	27.1	58.3	7 900	33.8	61.8	7 100	39.3	63.9	6 300	60.0
62.0													21.3	53.7	7 400	29.3	58.5	6 700	35.3	61.3	5 900	62.0
64.0													13.1	47.1	7 000	23.9	54.4	6 300	31.0	58.1	5 500	64.0
66.0																17.1	49.0	5 900	26.0	54.4	5 200	66.0
68.0																			19.8	49.5	4 900	68.0
70.0																			10.6	41.9	4 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	29 700																28.0
30.0	62.1	84.8	26 900*	66.0	86.0	26 900																30.0
32.0	59.6	83.7	24 800*	63.5	85.0	24 800	65.8	85.5	23 700													32.0
34.0	56.9	82.4	22 600*	61.0	83.9	22 800	63.3	84.5	21 800													34.0
36.0	54.2	81.0	20 600*	58.4	82.7	21 100	60.8	83.4	20 200													36.0
38.0	51.5	79.5	18 900*	55.8	81.4	19 600	58.3	82.3	18 800													38.0
40.0	48.6	77.8	17 400*	53.1	80.0	18 300	55.6	80.9	17 500	59.6	82.0	16 100										40.0
42.0	45.5	75.9	16 100*	50.2	78.4	17 100	52.9	79.5	16 300	57.0	80.8	15 000										42.0
44.0	42.3	73.8	14 900*	47.3	76.6	16 000	50.0	77.8	15 200	54.3	79.4	14 000										44.0
46.0	38.9	71.4	13 900*	44.1	74.6	15 000	47.0	76.1	14 300	51.5	77.8	13 100	55.6	78.9	12 000							46.0
48.0	35.1	68.7	12 900*	40.8	72.4	14 100	43.9	74.1	13 400	48.6	76.1	12 300	52.9	77.5	11 200							48.0
50.0	31.0	65.6	12 000*	37.3	69.9	13 300	40.6	71.8	12 600	45.6	74.3	11 600	50.0	75.9	10 500							50.0
52.0	26.4	61.9	11 200*	33.4	67.0	12 500*	37.0	69.3	11 900	42.4	72.2	10 900	47.1	74.1	9 900	51.3	75.2	8 900				52.0
54.0	20.7	57.2	10 500*	29.1	63.7	11 700*	33.2	66.4	11 300	38.9	69.8	10 300	43.9	72.1	9 300	48.3	73.5	8 400				54.0
56.0	12.9	50.4	9 300*	24.1	59.6	10 900*	28.8	63.0	10 600	35.2	67.1	9 700	40.6	69.8	8 800	45.3	71.6	7 900				56.0
58.0				17.8	54.3	10 200*	23.7	58.9	10 000	31.2	64.0	9 100	37.1	67.3	8 300	42.1	69.4	7 400	46.4	70.6	6 600	58.0
60.0							17.3	53.4	9 500	26.5	60.3	8 600	33.2	64.4	7 800	38.6	67.0	6 900	43.2	68.6	6 200	60.0
62.0										20.9	55.6	8 100	28.8	61.0	7 300	34.9	64.3	6 500	39.9	66.3	5 800	62.0
64.0										13.2	48.9	7 700	23.8	56.9	6 900	30.7	61.2	6 200	36.3	63.7	5 400	64.0
66.0													17.3	51.4	6 500	26.0	57.4	5 800	32.3	60.7	5 100	66.0
68.0																20.3	52.6	5 500	27.8	57.2	4 800	68.0
70.0																12.2	45.6	5 100	22.5	52.9	4 500	70.0
72.0																			15.6	46.9	4 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	26 900																30.0
32.0	61.4	87.2	24 600*	65.1	88.4	24 500																32.0
34.0	59.0	86.0	22 300*	62.8	87.4	22 600	64.9	87.9	21 600													34.0
36.0	56.5	84.8	20 400*	60.4	86.3	20 900	62.6	86.9	20 000													36.0
38.0	54.0	83.4	18 700*	57.9	85.1	19 400	60.2	85.8	18 500													38.0
40.0	51.3	81.8	17 200*	55.4	83.7	18 100	57.8	84.6	17 200	61.5	85.5	15 900										40.0
42.0	48.6	80.1	15 900*	52.8	82.3	16 900	55.3	83.3	16 100	59.1	84.4	14 800										42.0
44.0	45.7	78.2	14 700*	50.2	80.7	15 800	52.7	81.8	15 100	56.6	83.1	13 800										44.0
46.0	42.7	76.1	13 600*	47.4	78.9	14 800	50.0	80.1	14 100	54.0	81.7	12 900										46.0
48.0	39.5	73.8	12 700*	44.4	76.9	13 900	47.2	78.4	13 200	51.4	80.1	12 100	55.3	81.3	11 000							48.0
50.0	36.0	71.2	11 800*	41.3	74.7	13 100	44.2	76.4	12 400	48.6	78.4	11 400	52.7	79.8	10 300							50.0
52.0	32.3	68.2	10 900*	38.0	72.3	12 300*	41.1	74.2	11 700	45.8	76.6	10 700	50.0	78.2	9 700							52.0
54.0	28.1	64.7	10 200*	34.5	69.5	11 400*	37.8	71.7	11 000	42.8	74.5	10 000	47.2	76.4	9 100	51.1	77.5	8 100				54.0
56.0	23.2	60.4	9 600*	30.5	66.3	10 600*	34.2	68.9	10 400	39.6	72.2	9 500	44.2	74.4	8 500	48.4	75.8	7 600				56.0
58.0	17.0	54.8	8 900*	26.1	62.5	9 900*	30.2	65.7	9 900	36.1	69.6	9 000	41.1	72.2	8 000	45.5	73.9	7 200				58.0
60.0				20.7	57.8	9 300*	25.7	61.9	9 300	32.4	66.6	8 400	37.8	69.7	7 600	42.5	71.8	6 700	46.6	72.9	5 900	60.0
62.0				13.4	51.1	8 600*	20.3	57.1	8 800	28.2	63.1	8 000	34.2	66.9	7 100	39.3	69.4	6 300	43.6	70.9	5 500	62.0
64.0							12.8	50.1	8 300	23.3	58.9	7 500	30.3	63.7	6 700	35.8	66.8	5 900	40.4	68.7	5 200	64.0
66.0										17.1	53.3	7 100	25.8	59.9	6 300	32.0	63.8	5 600	37.1	66.1	4 900	66.0
68.0													20.3	55.1	5 900	27.8	60.2	5 200	33.4	63.3	4 500	68.0
70.0													12.8	48.2	5 600	22.8	55.9	4 900	29.4	59.9	4 200	70.0
72.0																16.4	50.2	4 600	24.7	55.9	3 900	72.0
74.0																			19.0	50.8	3 700	74.0
76.0																			10.5	43.0	3 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	24 400																32.0
34.0	60.8	89.6	22 100*	64.3	90.8	22 400	66.3	91.3	21 400													34.0
36.0	58.5	88.4	20 200*	62.1	89.8	20 700	64.2	90.3	19 700													36.0
38.0	56.1	87.1	18 500*	59.8	88.7	19 200	61.9	89.3	18 300													38.0
40.0	53.7	85.7	17 000*	57.5	87.4	17 900	59.7	88.2	17 000													40.0
42.0	51.2	84.1	15 600*	55.1	86.1	16 700	57.3	86.9	15 900	60.9	87.9	14 600										42.0
44.0	48.6	82.4	14 400*	52.6	84.6	15 600	54.9	85.6	14 800	58.6	86.7	13 600										44.0
46.0	45.9	80.5	13 400*	50.1	83.0	14 600	52.5	84.1	13 900	56.2	85.4	12 700										46.0
48.0	43.0	78.5	12 400*	47.4	81.2	13 700	49.9	82.4	13 100	53.8	84.0	11 900										48.0
50.0	40.0	76.2	11 500*	44.7	79.2	12 900	47.3	80.7	12 300	51.3	82.5	11 200	54.9	83.6	10 100							50.0
52.0	36.8	73.6	10 800*	41.8	77.1	12 000*	44.5	78.7	11 500	48.7	80.7	10 500	52.5	82.1	9 500							52.0
54.0	33.3	70.7	10 000*	38.7	74.7	11 200*	41.6	76.5	10 900	46.0	78.9	9 900	49.9	80.5	8 900							54.0
56.0	29.5	67.4	9 300*	35.4	72.0	10 400*	38.5	74.1	10 300	43.1	76.8	9 300	47.3	78.7	8 400	51.0	79.8	7 400				56.0
58.0	25.1	63.5	8 700*	31.7	68.9	9 700*	35.1	71.4	9 700	40.1	74.5	8 800	44.5	76.7	7 900	48.4	78.1	7 000				58.0
60.0	19.9	58.5	8 100*	27.7	65.4	9 100*	31.5	68.3	9 100	36.9	72.0	8 200	41.6	74.5	7 400	45.7	76.2	6 500				60.0
62.0	12.6	51.5	7 200*	23.0	61.1	8 400*	27.4	64.7	8 600	33.4	69.1	7 800	38.5	72.1	6 900	42.8	74.1	6 100				62.0
64.0				17.1	55.5	7 900*	22.7	60.3	8 200	29.6	65.8	7 300	35.1	69.4	6 500	39.8	71.8	5 800	43.9	73.2	5 000	64.0
66.0							16.7	54.6	7 700	25.3	61.9	6 900	31.5	66.3	6 200	36.6	69.2	5 400	40.9	71.0	4 600	66.0
68.0										20.0	57.0	6 500	27.4	62.7	5 800	33.1	66.3	5 000	37.8	68.5	4 300	68.0
70.0										12.9	50.0	6 100	22.7	58.4	5 500	29.2	62.9	4 700	34.4	65.8	4 000	70.0
72.0													16.7	52.7	5 100	24.8	59.0	4 400	30.7	62.6	3 800	72.0
74.0																19.5	53.9	4 100	26.5	58.8	3 500	74.0
76.0																12.0	46.6	3 800	21.5	54.3	3 200	76.0
78.0																			15.1	48.1	3 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	75.3	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	22 300																34.0
36.0	60.2	92.0	19 300*	63.6	93.2	20 500	65.5	93.7	19 600													36.0
38.0	58.0	90.7	18 000*	61.5	92.2	19 000	63.5	92.8	18 100													38.0
40.0	55.8	89.4	16 800*	59.3	91.0	17 700	61.3	91.7	16 800													40.0
42.0	53.5	88.0	15 600*	57.1	89.7	16 500	59.2	90.5	15 700													42.0
44.0	51.1	86.4	14 400*	54.8	88.4	15 400	56.9	89.3	14 700	60.3	90.3	13 400										44.0
46.0	48.6	84.7	13 300*	52.5	86.9	14 400	54.6	87.9	13 700	58.1	89.1	12 500										46.0
48.0	46.0	82.8	12 300*	50.0	85.3	13 600	52.3	86.4	12 800	55.9	87.8	11 700										48.0
50.0	43.4	80.8	11 400*	47.5	83.5	12 700	49.9	84.7	12 000	53.5	86.3	10 900										50.0
52.0	40.5	78.5	10 600*	44.9	81.5	11 900*	47.3	83.0	11 300	51.2	84.8	10 300	54.7	85.9	9 200							52.0
54.0	37.5	76.0	9 800*	42.2	79.4	11 100*	44.7	81.0	10 700	48.7	83.0	9 600	52.3	84.4	8 700							54.0
56.0	34.3	73.2	9 200*	39.3	77.1	10 300*	42.0	78.9	10 000	46.1	81.2	9 100	49.9	82.8	8 100							56.0
58.0	30.7	70.0	8 500*	36.2	74.4	9 500*	39.0	76.5	9 500	43.4	79.1	8 500	47.4	81.0	7 600	50.9	82.1	6 700				58.0
60.0	26.8	66.3	7 900*	32.8	71.5	8 900*	35.9	73.8	9 000	40.6	76.9	8 000	44.7	79.0	7 200	48.4	80.4	6 300				60.0
62.0	22.2	61.9	7 400*	29.1	68.1	8 300*	32.6	70.9	8 500	37.6	74.4	7 600	42.0	76.9	6 700	45.9	78.5	5 900				62.0
64.0	16.4	56.0	6 900*	24.9	64.1	7 700*	28.8	67.4	8 000	34.4	71.6	7 100	39.1	74.5	6 300	43.2	76.4	5 500				64.0
66.0				19.9	59.2	7 200*	24.6	63.4	7 600	30.8	68.4	6 800	35.9	71.9	5 900	40.3	74.2	5 100	44.2	75.6	4 400	66.0
68.0				13.1	52.3	6 600*	19.5	58.4	7 100*	26.9	64.7	6 300	32.6	68.9	5 600	37.3	71.6	4 800	41.4	73.4	4 100	68.0
70.0							12.5	51.2	6 600*	22.3	60.3	6 000	28.8	65.5	5 200	34.0	68.8	4 500	38.4	70.9	3 800	70.0
72.0										16.6	54.5	5 600	24.6	61.4	4 900	30.5	65.6	4 200	35.2	68.2	3 500	72.0
74.0													19.5	56.4	4 600	26.5	61.9	3 900	31.8	65.2	3 200	74.0
76.0													12.6	49.3	4 300	21.8	57.3	3 600	28.0	61.6	3 000	76.0
78.0																15.9	51.3	3 400	23.6	57.4	2 800	78.0
80.0																			18.3	52.1	2 500	80.0
82.0																			10.5	44.1	2 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	47 800b	65.9	60.7	46 100b													20.0
22.0	40.5	55.8	43 000*	53.2	58.7	42 300b	59.8	59.6	40 700b													22.0
24.0	31.0	52.9	37 600*	46.1	56.9	37 800	53.3	58.3	36 500													24.0
26.0				37.9	54.6	34 200	46.2	56.5	32 900	57.6	58.3	30 800b										26.0
28.0				27.6	51.4	31 100	38.0	54.2	29 900	50.9	56.8	28 000										28.0
30.0							27.8	51.0	27 400	43.5	54.9	25 600										30.0
32.0							10.3	44.8	25 100	34.7	52.3	23 600	48.1	54.9	22 000							32.0
34.0										23.3	48.5	21 800	40.2	52.7	20 300							34.0
36.0													30.7	49.8	18 800	44.7	52.5	17 500				36.0
38.0													16.8	45.0	17 500	36.2	50.1	16 200				38.0
40.0																25.4	46.6	15 100	40.5	49.6	14 000	40.0
42.0																			31.0	46.7	13 100	42.0
44.0																			17.3	42.0	12 200	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.	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	67.5	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	47 600b																20.0
22.0	48.4	60.2	42 200*	58.5	62.4	42 100b	63.9	63.1	40 600b													22.0
24.0	41.6	58.2	37 900*	52.7	61.0	37 700	58.5	62.0	36 200													24.0
26.0	33.8	55.5	33 500*	46.5	59.2	34 000	52.8	60.6	32 700	62.1	61.8	30 500b										26.0
28.0	23.7	51.7	30 100*	39.4	57.0	30 900	46.5	58.8	29 700	56.6	60.6	27 800										28.0
30.0				31.1	54.1	28 300	39.5	56.6	27 200	50.7	59.1	25 400										30.0
32.0				19.7	49.7	26 000	31.2	53.7	25 000	44.2	57.2	23 400										32.0
34.0							19.9	49.3	23 100	36.8	54.8	21 600	48.2	57.2	20 100							34.0
36.0										27.8	51.5	20 000	41.4	55.1	18 600							36.0
38.0										14.0	46.0	18 600	33.5	52.4	17 300	45.3	54.8	16 000				38.0
40.0													23.4	48.6	16 100	38.0	52.5	14 900				40.0
42.0																29.4	49.4	13 900				42.0
44.0																16.9	44.5	13 000	41.6	51.9	12 800	44.0
46.0																			33.8	49.2	12 000	46.0
																			23.7	45.5	11 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	70.1	67.9	53 000* <sup>b</sup>																			15.2
16.0	68.3	67.6	51 500* <sup>b</sup>																			16.0
18.0	63.7	66.7	47 700*																			18.0
20.0	58.9	65.6	44 300*	67.0	66.9	47 400b																20.0
22.0	53.9	64.2	41 400*	62.3	65.9	41 900b																22.0
24.0	48.5	62.5	37 900*	57.5	64.7	37 500	62.4	65.5	36 100													24.0
26.0	42.5	60.5	33 600*	52.3	63.3	33 900	57.5	64.3	32 500													26.0
28.0	35.8	58.0	30 100*	46.7	61.5	30 800	52.4	62.9	29 600	60.7	64.2	27 600										28.0
30.0	27.6	54.6	27 200*	40.6	59.4	28 200	46.8	61.1	27 100	55.8	62.9	25 200										30.0
32.0	15.9	49.4	24 800*	33.5	56.6	25 900	40.7	59.0	24 900	50.5	61.4	23 200										32.0
34.0				24.7	52.9	24 000	33.6	56.3	23 000	44.8	59.5	21 500	53.7	61.1	19 900							34.0
36.0							24.8	52.6	21 400	38.4	57.2	19 900	48.3	59.5	18 400							36.0
38.0							10.2	45.9	19 800	30.8	54.2	18 500	42.3	57.4	17 100							38.0
40.0										21.0	49.9	17 200	35.6	54.9	16 000	45.7	57.1	14 700				40.0
42.0													27.4	51.5	14 900	39.4	54.9	13 800				42.0
44.0													15.5	46.2	14 000	32.1	52.0	12 900	42.5	54.3	11 800	44.0
46.0																22.8	48.0	12 000	35.8	51.7	11 100	46.0
48.0																		27.6	48.4	10 400		48.0
50.0																		15.9	43.2	9 700		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.	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	72.2	71.2	51 500* <sup>b</sup>																			15.2
16.0	70.6	70.9	50 000* <sup>b</sup>																			16.0
18.0	66.6	70.1	46 300*																			18.0
20.0	62.4	69.1	43 200*	69.4	70.2	47 200b																20.0
22.0	58.0	67.9	40 400*	65.3	69.3	41 700																22.0
24.0	53.4	66.5	37 500*	61.1	68.3	37 300	65.4	68.9	35 800													24.0
26.0	48.5	64.8	33 600*	56.7	67.1	33 600	61.1	67.9	32 300													26.0
28.0	43.2	62.8	30 000*	52.0	65.6	30 600	56.7	66.7	29 400													28.0
30.0	37.3	60.4	27 200*	47.0	63.8	28 000	52.0	65.2	26 800	59.6	66.6	25 000										30.0
32.0	30.4	57.4	24 700*	41.5	61.7	25 800	47.0	63.4	24 700	55.1	65.2	22 900										32.0
34.0	21.6	53.1	22 600*	35.4	59.1	23 800	41.6	61.3	22 800	50.3	63.7	21 200										34.0
36.0				28.1	55.8	22 100	35.4	58.7	21 200	45.2	61.8	19 600	53.3	63.5	18 200							36.0
38.0				18.2	50.9	20 500	28.1	55.4	19 700	39.5	59.6	18 300	48.4	61.8	16 900							38.0
40.0							18.3	50.6	18 300	33.1	56.8	17 100	43.1	59.8	15 700	51.1	61.2	14 400				40.0
42.0										25.2	53.1	16 000	37.1	57.3	14 700	46.0	59.4	13 500				42.0
44.0										13.3	47.1	14 900	30.2	54.2	13 800	40.5	57.3	12 600				44.0
46.0													21.3	50.0	12 900	34.2	54.6	11 800	43.2	56.6	10 700	46.0
48.0																26.5	51.0	11 100	37.3	54.2	10 100	48.0
50.0																15.7	45.7	10 400	30.4	51.1	9 500	50.0
52.0																		21.6	46.9	8 900		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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	73.9	74.4	49 700* <sup>b</sup>																			15.2
16.0	72.4	74.1	48 300* <sup>b</sup>																			16.0
18.0	68.8	73.4	44 900* <sup>b</sup>																			18.0
20.0	65.1	72.5	41 900*																			20.0
22.0	61.2	71.5	39 200*	67.7	72.7	41 600																22.0
24.0	57.2	70.2	36 800*	63.9	71.8	37 100																24.0
26.0	53.0	68.8	34 600*	60.0	70.7	33 500	64.0	71.4	32 100													26.0
28.0	48.6	67.1	30 900*	56.0	69.4	30 400	60.1	70.3	29 100													28.0
30.0	43.8	65.2	27 900*	51.7	67.9	27 800	56.0	69.0	26 600													30.0
32.0	38.5	62.8	25 400*	47.2	66.1	25 600	51.8	67.5	24 500	58.7	68.9	22 700										32.0
34.0	32.5	60.0	23 100*	42.2	64.1	23 600	47.2	65.7	22 600	54.6	67.6	21 000										34.0
36.0	25.3	56.2	21 300*	36.8	61.6	21 900	42.3	63.7	21 000	50.2	66.0	19 400										36.0
38.0	15.0	50.6	19 500*	30.5	58.5	20 400	36.9	61.2	19 500	45.6	64.1	18 100	52.9	65.8	16 700							38.0
40.0				22.7	54.4	19 000	30.6	58.1	18 200	40.5	61.9	16 900	48.4	64.1	15 500							40.0
42.0							22.8	54.0	17 000	34.8	59.3	15 800	43.6	62.1	14 500	50.9	63.5	13 200				42.0
44.0							10.2	47.0	15 900	28.1	55.9	14 700	38.3	59.7	13 500	46.3	61.7	12 400				44.0
46.0										19.4	51.2	13 800	32.3	56.9	12 700	41.3	59.6	11 600				46.0
48.0													25.0	53.1	11 900	35.7	57.0	10 900	43.8	58.9	9 900	48.0
50.0													14.6	47.3	11 200	29.3	53.8	10 200	38.5	56.6	9 200	50.0
52.0																21.0	49.4	9 600	32.5	53.7	8 700	52.0
54.0																			25.3	50.0	8 200	54.0
56.0																			15.0	44.3	7 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	75.3	77.5	48 100* <sup>b</sup>																			15.2
16.0	74.0	77.3	46 800* <sup>b</sup>																			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	41 300																22.0
24.0	60.3	73.8	35 900*	66.3	75.1	36 900																24.0
26.0	56.6	72.6	33 800*	62.8	74.2	33 200	66.3	74.7	31 800													26.0
28.0	52.7	71.1	30 800*	59.2	73.0	30 200	62.8	73.7	28 900													28.0
30.0	48.6	69.4	27 700*	55.4	71.7	27 600	59.2	72.6	26 400													30.0
32.0	44.2	67.5	25 100*	51.5	70.2	25 400	55.5	71.3	24 300													32.0
34.0	39.5	65.2	23 000*	47.3	68.4	23 500	51.5	69.8	22 400	57.9	71.3	20 700										34.0
36.0	34.2	62.5	21 100*	42.8	66.4	21 700	47.4	68.0	20 800	54.1	69.9	19 200										36.0
38.0	28.0	59.1	19 400*	37.9	64.0	20 200	42.9	66.0	19 300	50.1	68.3	17 800										38.0
40.0	20.1	54.5	17 900*	32.4	61.1	18 900	38.0	63.6	18 000	45.9	66.4	16 700	52.6	68.1	15 300							40.0
42.0				25.9	57.4	17 700	32.5	60.7	16 900	41.3	64.3	15 500	48.5	66.4	14 200							42.0
44.0				17.0	52.2	16 500	25.9	57.0	15 800	36.2	61.7	14 600	44.1	64.4	13 300							44.0
46.0							17.2	51.8	14 800	30.4	58.6	13 700	39.3	62.1	12 500	46.5	64.0	11 300				46.0
48.0										23.3	54.6	12 800	34.0	59.4	11 700	42.0	62.0	10 600				48.0
50.0										12.8	48.2	12 000	27.8	56.0	11 000	37.0	59.5	10 000	44.2	61.2	9 000	50.0
52.0													19.8	51.3	10 400	31.3	56.5	9 400	39.5	59.0	8 400	52.0
54.0																24.5	52.6	8 800	34.2	56.2	7 900	54.0
56.0																14.9	46.8	8 300	28.0	52.8	7 400	56.0
58.0																			20.1	48.2	7 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	36 800																24.0
26.0	59.4	76.2	33 100*	65.0	77.6	33 100																26.0
28.0	56.0	74.9	30 800*	61.8	76.5	30 100	65.1	77.2	28 800													28.0
30.0	52.4	73.4	27 600*	58.4	75.4	27 500	61.8	76.1	26 300													30.0
32.0	48.6	71.7	25 100*	54.9	74.0	25 300	58.5	75.0	24 200													32.0
34.0	44.6	69.8	22 900*	51.3	72.5	23 300	55.0	73.6	22 300	60.7	74.8	20 600										34.0
36.0	40.3	67.6	21 000*	47.5	70.7	21 700	51.3	72.1	20 700	57.3	73.6	19 100										36.0
38.0	35.5	65.0	19 300*	43.3	68.7	20 200	47.5	70.3	19 200	53.7	72.2	17 700										38.0
40.0	30.1	61.8	17 900*	38.9	66.4	18 800	43.4	68.3	18 000	50.0	70.6	16 500	55.9	71.8	15 100							40.0
42.0	23.5	57.7	16 600*	34.0	63.6	17 600	38.9	66.0	16 800	46.1	68.8	15 500	52.3	70.4	14 100							42.0
44.0	14.3	51.7	15 200*	28.3	60.2	16 500	34.0	63.2	15 700	41.9	66.6	14 500	48.5	68.7	13 200							44.0
46.0				21.2	55.8	15 500	28.3	59.9	14 800	37.3	64.2	13 600	44.5	66.7	12 400	50.6	68.1	11 200				46.0
48.0							21.3	55.4	13 900	32.2	61.2	12 800	40.1	64.5	11 600	46.7	66.4	10 500				48.0
50.0							10.2	48.0	13 000	26.1	57.5	12 000	35.4	61.9	10 900	42.6	64.3	9 900				50.0
52.0										18.2	52.5	11 300	29.9	58.7	10 300	38.1	61.9	9 300	44.6	63.6	8 300	52.0
54.0													23.3	54.6	9 700	33.0	59.0	8 800	40.3	61.3	7 800	54.0
56.0													14.0	48.5	9 100	27.1	55.5	8 200	35.5	58.7	7 300	56.0
58.0																19.7	50.7	7 800	30.1	55.5	6 900	58.0
60.0																			23.5	51.5	6 500	60.0
62.0																			14.3	45.4	6 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	32 900																26.0
28.0	58.7	78.5	30 300*	64.0	80.0	29 800	67.0	80.5	28 600													28.0
30.0	55.5	77.2	27 500*	60.9	78.9	27 300	64.0	79.6	26 100													30.0
32.0	52.2	75.7	24 900*	57.8	77.7	25 100	60.9	78.5	23 900													32.0
34.0	48.6	74.0	22 700*	54.5	76.3	23 100	57.8	77.3	22 100													34.0
36.0	44.9	72.1	20 800*	51.1	74.8	21 400	54.6	75.9	20 500	59.9	77.2	18 800										36.0
38.0	40.9	69.9	19 100*	47.6	73.0	20 000	51.2	74.4	19 000	56.7	75.9	17 500										38.0
40.0	36.6	67.4	17 700*	43.8	71.0	18 600	47.6	72.6	17 700	53.4	74.5	16 300										40.0
42.0	31.8	64.4	16 400*	39.7	68.8	17 400	43.8	70.7	16 600	50.0	72.9	15 200	55.4	74.2	13 900							42.0
44.0	26.1	60.7	15 200*	35.2	66.1	16 300	39.7	68.4	15 600	46.3	71.1	14 200	52.1	72.7	13 000							44.0
46.0	18.9	55.7	14 100*	30.2	62.9	15 300	35.3	65.7	14 600	42.4	69.0	13 300	48.6	71.0	12 100							46.0
48.0				24.2	58.9	14 400	30.2	62.5	13 700	38.2	66.6	12 500	44.8	69.1	11 400	50.5	70.4	10 300				48.0
50.0				16.2	53.4	13 600	24.3	58.6	12 900	33.6	63.8	11 800	40.8	66.9	10 700	46.9	68.7	9 600				50.0
52.0							16.3	53.0	12 200	28.3	60.4	11 100	36.5	64.3	10 100	43.1	66.6	9 100				52.0
54.0										21.8	56.0	10 500	31.6	61.3	9 500	38.9	64.3	8 500	44.9	65.9	7 500	54.0
56.0										12.4	49.3	9 900	25.9	57.6	8 900	34.4	61.5	8 000	40.9	63.7	7 100	56.0
58.0													18.7	52.6	8 400	29.2	58.2	7 500	36.6	61.2	6 700	58.0
60.0																23.0	54.1	7 100	31.8	58.1	6 300	60.0
62.0																14.3	47.9	6 700	26.1	54.4	5 900	62.0
64.0																			18.9	49.5	5 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	32 700																26.0
28.0	61.0	82.1	29 600*	65.8	83.4	29 700																28.0
30.0	58.1	80.9	27 800*	63.0	82.4	27 100	65.8	83.0	25 900													30.0
32.0	55.1	79.5	25 300*	60.2	81.3	24 900	63.1	82.0	23 700													32.0
34.0	52.0	78.0	23 000*	57.2	80.0	23 000	60.2	80.9	21 900													34.0
36.0	48.7	76.3	21 100*	54.2	78.6	21 300	57.2	79.6	20 200													36.0
38.0	45.2	74.4	19 400*	51.0	77.1	19 800	54.2	78.2	18 800	59.2	79.5	17 300										38.0
40.0	41.5	72.3	17 900*	47.7	75.3	18 400	51.0	76.7	17 500	56.2	78.2	16 100										40.0
42.0	37.5	69.8	16 600*	44.1	73.4	17 200	47.7	74.9	16 400	53.1	76.8	15 000										42.0
44.0	33.2	66.9	15 300*	40.4	71.1	16 200	44.2	73.0	15 300	49.9	75.2	14 000	55.0	76.5	12 700							44.0
46.0	28.2	63.5	14 300*	36.3	68.6	15 100	40.4	70.7	14 400	46.5	73.4	13 200	51.9	75.0	12 000							46.0
48.0	22.2	59.2	13 200*	31.8	65.5	14 300	36.3	68.2	13 600	42.9	71.3	12 400	48.6	73.3	11 200							48.0
50.0	13.8	52.8	11 800*	26.5	61.9	13 400	31.8	65.2	12 800	39.0	69.0	11 600	45.1	71.4	10 500	50.4	72.8	9 400				50.0
52.0				20.0	57.1	12 700	26.6	61.5	12 000	34.8	66.3	11 000	41.4	69.2	9 900	47.0	71.0	8 800				52.0
54.0							20.1	56.8	11 300	30.1	63.1	10 300	37.4	66.7	9 300	43.5	68.9	8 300				54.0
56.0							10.2	49.1	10 700	24.5	59.1	9 700	33.0	63.9	8 800	39.7	66.7	7 800	45.2	68.2	6 900	56.0
58.0										17.4	53.7	9 200	28.0	60.4	8 200	35.5	64.0	7 300	41.5	66.0	6 500	58.0
60.0													22.0	56.0	7 800	30.9	60.9	6 900	37.5	63.6	6 000	60.0
62.0													13.5	49.6	7 300	25.5	57.1	6 500	33.2	60.7	5 700	62.0
64.0																18.7	52.0	6 100	28.2	57.3	5 300	64.0
66.0																			22.2	52.9	5 000	66.0
68.0																			13.8	46.6	4 600	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	32 500																26.0
28.0	63.0	85.5	28 800*	67.4	86.7	29 400																28.0
30.0	60.3	84.4	27 300*	64.8	85.8	26 900																30.0
32.0	57.6	83.2	25 100*	62.2	84.8	24 700	64.9	85.4	23 500													32.0
34.0	54.7	81.9	22 800*	59.5	83.6	22 700	62.2	84.4	21 700													34.0
36.0	51.8	80.3	20 900*	56.7	82.4	21 000	59.5	83.2	20 000													36.0
38.0	48.7	78.6	19 200*	53.9	81.0	19 600	56.8	82.0	18 600													38.0
40.0	45.5	76.8	17 600*	50.9	79.4	18 200	53.9	80.6	17 300	58.6	81.9	15 800										40.0
42.0	42.0	74.6	16 300*	47.7	77.6	17 000	50.9	79.0	16 200	55.8	80.6	14 700										42.0
44.0	38.4	72.2	15 100*	44.5	75.7	16 000	47.8	77.2	15 200	52.9	79.1	13 800										44.0
46.0	34.3	69.5	14 000*	41.0	73.5	15 000	44.5	75.3	14 200	49.8	77.5	12 900	54.6	78.8	11 700							46.0
48.0	29.9	66.2	13 100*	37.2	71.0	14 100	41.0	73.1	13 300	46.7	75.7	12 100	51.7	77.3	10 900							48.0
50.0	24.6	62.2	12 200*	33.1	68.1	13 300	37.2	70.6	12 600	43.3	73.6	11 400	48.6	75.6	10 200							50.0
52.0	18.1	57.0	11 300*	28.4	64.7	12 500	33.1	67.7	11 800	39.7	71.3	10 700	45.4	73.7	9 600	50.3	75.1	8 600				52.0
54.0				22.9	60.4	11 800	28.5	64.3	11 200	35.9	68.7	10 100	41.9	71.6	9 100	47.2	73.3	8 000				54.0
56.0				15.6	54.5	11 100	22.9	60.0	10 500	31.6	65.7	9 500	38.3	69.1	8 500	43.8	71.3	7 600				56.0
58.0							15.7	54.2	9 900	26.7	62.0	9 000	34.2	66.4	8 000	40.3	69.0	7 100	45.5	70.5	6 200	58.0
60.0										20.7	57.3	8 500	29.7	63.1	7 600	36.5	66.5	6 700	42.0	68.4	5 800	60.0
62.0										12.2	50.4	8 000	24.5	59.1	7 100	32.3	63.5	6 300	38.4	66.0	5 400	62.0
64.0													17.8	53.8	6 700	27.5	59.9	5 900	34.3	63.2	5 100	64.0
66.0																21.7	55.5	5 500	29.9	60.0	4 700	66.0
68.0																13.8	49.1	5 200	24.6	56.0	4 400	68.0
70.0																			18.1	50.8	4 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	29 300																28.0
30.0	62.2	87.9	26 700*	66.4	89.1	26 700																30.0
32.0	59.7	86.8	24 900*	64.0	88.2	24 500																32.0
34.0	57.1	85.6	22 700*	61.5	87.2	22 600	64.0	87.8	21 500													34.0
36.0	54.4	84.2	20 700*	58.9	86.0	20 900	61.5	86.7	19 900													36.0
38.0	51.6	82.6	19 000*	56.3	84.7	19 400	58.9	85.6	18 500													38.0
40.0	48.7	80.9	17 500*	53.6	83.3	18 100	56.3	84.3	17 200	60.6	85.4	15 700										40.0
42.0	45.7	79.1	16 200*	50.8	81.7	16 900	53.6	82.9	16 100	58.0	84.2	14 600										42.0
44.0	42.5	77.0	15 000*	47.8	79.9	15 800	50.8	81.3	15 000	55.4	82.9	13 700										44.0
46.0	39.0	74.6	13 900*	44.7	78.0	14 900	47.8	79.5	14 100	52.6	81.4	12 800	57.0	82.5	11 500							46.0
48.0	35.4	71.9	12 900*	41.5	75.8	14 000	44.8	77.6	13 200	49.8	79.8	12 000	54.3	81.1	10 800							48.0
50.0	31.3	68.8	12 100*	38.0	73.4	13 200	41.5	75.4	12 400	46.8	78.0	11 300	51.5	79.6	10 200							50.0
52.0	26.6	65.2	11 300*	34.2	70.6	12 400	38.0	73.0	11 700	43.7	76.0	10 600	48.6	77.9	9 500							52.0
54.0	21.1	60.5	10 500*	30.0	67.4	11 700	34.2	70.2	11 100	40.3	73.7	10 000	45.6	76.0	8 900	50.2	77.4	7 900				54.0
56.0	13.4	53.9	9 400*	25.1	63.4	11 000*	30.0	67.0	10 400	36.7	71.2	9 400	42.4	73.9	8 400	47.3	75.6	7 400				56.0
58.0				19.1	58.4	10 300*				25.2	63.1	9 900	32.8	68.2	8 900	39.0	71.5	7 900	44.2	73.6	7 000	58.0
60.0										19.2	58.1	9 300	28.4	64.8	8 400	35.3	68.8	7 400	40.9	71.4	6 500	60.0
62.0										10.2	50.2	8 800	23.3	60.6	7 900	31.2	65.7	7 000	37.3	68.9	6 200	62.0
64.0													16.6	54.9	7 500	26.5	62.0	6 600	33.5	66.0	5 800	64.0
66.0																20.9	57.4	6 200	29.2	62.7	5 400	66.0
68.0																13.2	50.7	5 900	24.1	58.6	5 100	68.0
70.0																			17.8	53.3	4 800	70.0
72.0																						72.0
74.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	26 700																30.0
32.0	61.5	90.3	24 700*	65.5	91.6	24 300																32.0
34.0	59.1	89.2	22 400*	63.2	90.6	22 400	65.6	91.2	21 300													34.0
36.0	56.7	87.9	20 500*	60.8	89.5	20 700	63.2	90.2	19 700													36.0
38.0	54.1	86.5	18 800*	58.4	88.3	19 200	60.9	89.1	18 300													38.0
40.0	51.5	84.9	17 300*	55.9	87.0	17 900	58.4	87.9	17 000	62.4	88.9	15 500										40.0
42.0	48.7	83.2	15 900*	53.3	85.6	16 700	55.9	86.6	15 800	60.0	87.8	14 400										42.0
44.0	45.9	81.4	14 700*	50.7	84.0	15 600	53.4	85.2	14 800	57.6	86.6	13 400										44.0
46.0	42.9	79.3	13 700*	47.9	82.2	14 600	50.7	83.6	13 900	55.0	85.2	12 600										46.0
48.0	39.7	77.0	12 700*	45.0	80.3	13 800	47.9	81.8	13 000	52.4	83.7	11 800	56.6	84.8	10 600							48.0
50.0	36.2	74.4	11 800*	41.9	78.2	13 000	45.0	79.9	12 300	49.7	82.1	11 100	54.0	83.4	9 900							50.0
52.0	32.5	71.4	11 000*	38.7	75.8	12 200	42.0	77.8	11 500	46.9	80.3	10 400	51.4	81.9	9 300							52.0
54.0	28.3	67.9	10 300*	35.2	73.1	11 500	38.7	75.4	10 900	44.0	78.3	9 800	48.6	80.2	8 700							54.0
56.0	23.5	63.7	9 600*	31.3	70.0	10 800*	35.2	72.7	10 300	40.9	76.1	9 200	45.8	78.3	8 200	50.2	79.7	7 200				56.0
58.0	17.3	58.2	8 900*	27.0	66.3	10 100*	31.3	69.6	9 700	37.5	73.6	8 700	42.8	76.2	7 700	47.4	77.9	6 700				58.0
60.0				21.8	61.8	9 400*	27.0	65.9	9 100	33.9	70.7	8 200	39.6	73.9	7 200	44.4	75.9	6 300				60.0
62.0				15.1	55.7	8 800*	21.9	61.5	8 600	29.9	67.5	7 700	36.1	71.3	6 800	41.4	73.7	5 900	45.9	75.1	5 100	62.0
64.0							15.1	55.3	8 200	25.3	63.6	7 300	32.4	68.3	6 400	38.1	71.3	5 500	42.9	73.0	4 700	64.0
66.0										19.8	58.7	6 900	28.2	64.8	6 000	34.5	68.5	5 200	39.7	70.7	4 400	66.0
68.0										11.9	51.4	6 500	23.3	60.6	5 700	30.6	65.3	4 900	36.2	68.1	4 100	68.0
70.0													17.1	55.1	5 300	26.1	61.6	4 500	32.5	65.2	3 800	70.0
72.0																20.7	56.8	4 200	28.3	61.7	3 500	72.0
74.0																13.5	50.2	4 000	23.4	57.5	3 300	74.0
76.0																			17.3	52.0	3 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	74.6	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	24 100																32.0
34.0	60.9	92.7	22 300*	64.7	94.0	22 200	66.9	94.5	21 100													34.0
36.0	58.6	91.5	20 200*	62.5	93.0	20 500	64.7	93.6	19 500													36.0
38.0	56.3	90.2	18 500*	60.2	91.9	19 000	62.5	92.6	18 100													38.0
40.0	53.8	88.8	17 100*	57.9	90.7	17 700	60.3	91.5	16 800													40.0
42.0	51.3	87.2	15 700*	55.6	89.3	16 500	58.0	90.3	15 600	61.8	91.3	14 200										42.0
44.0	48.7	85.5	14 500*	53.1	87.9	15 500	55.6	88.9	14 600	59.5	90.2	13 200										44.0
46.0	46.0	83.7	13 500*	50.6	86.3	14 500	53.1	87.5	13 700	57.1	88.9	12 400										46.0
48.0	43.2	81.6	12 500*	47.9	84.5	13 600	50.6	85.9	12 800	54.7	87.5	11 600										48.0
50.0	40.2	79.3	11 600*	45.2	82.6	12 800	48.0	84.2	12 100	52.3	86.0	10 800	56.2	87.2	9 700							50.0
52.0	37.0	76.8	10 800*	42.3	80.5	12 000	45.2	82.2	11 400	49.7	84.4	10 200	53.8	85.7	9 100							52.0
54.0	33.5	73.9	10 100*	39.3	78.2	11 300*	42.3	80.1	10 700	47.0	82.6	9 600	51.3	84.2	8 500							54.0
56.0	29.7	70.6	9 400*	36.0	75.5	10 600*	39.3	77.8	10 100	44.3	80.6	9 000	48.7	82.5	8 000							56.0
58.0	25.4	66.7	8 700*	32.4	72.5	9 900*	36.0	75.1	9 500	41.3	78.4	8 500	46.0	80.6	7 500	50.1	82.0	6 500				58.0
60.0	20.2	61.9	8 100*	28.5	69.1	9 200*	32.5	72.2	9 000	38.2	76.0	8 000	43.1	78.6	7 000	47.5	80.2	6 100				60.0
62.0	13.1	55.0	7 300*	24.0	65.0	8 600*	28.5	68.7	8 500	34.8	73.2	7 600	40.1	76.3	6 600	44.7	78.2	5 700				62.0
64.0				18.4	59.7	8 000*	24.0	64.6	8 000	31.2	70.1	7 100	36.9	73.7	6 200	41.8	76.1	5 300				64.0
66.0							18.4	59.3	7 600	27.0	66.5	6 700	33.4	70.8	5 900	38.7	73.7	5 000	43.2	75.4	4 200	66.0
68.0							10.2	51.3	7 100	22.2	62.0	6 300	29.6	67.5	5 500	35.4	71.0	4 700	40.2	73.1	3 900	68.0
70.0										16.1	56.1	6 000	25.3	63.6	5 100	31.8	67.9	4 400	37.0	70.6	3 600	70.0
72.0													20.0	58.7	4 800	27.7	64.4	4 100	33.5	67.7	3 400	72.0
74.0													12.9	51.8	4 500	23.0	60.1	3 800	29.7	64.4	3 100	74.0
76.0																17.2	54.5	3 500	25.4	60.5	2 800	76.0
78.0																			20.2	55.6	2 600	78.0
80.0																			13.1	48.8	2 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 38.1m (125 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	75.4	101.2	26 100*																			21.3
22.0	74.7	101.0	25 900*																			22.0
24.0	72.7	100.4	25 500*																			24.0
26.0	70.7	99.7	24 700*																			26.0
28.0	68.7	98.9	24 300*																			28.0
30.0	66.7	98.1	23 400*																			30.0
32.0	64.6	97.2	22 000*	68.1	98.2	22 900*																32.0
34.0	62.5	96.2	20 600*	66.1	97.4	22 100*																34.0
36.0	60.4	95.1	19 300*	64.0	96.4	20 300	66.1	97.0	19 300													36.0
38.0	58.2	93.9	18 100*	61.9	95.4	18 800	64.0	96.0	17 800													38.0
40.0	55.9	92.5	16 900*	59.7	94.3	17 500	61.9	95.0	16 600													40.0
42.0	53.6	91.1	15 700*	57.5	93.0	16 300	59.7	93.8	15 400													42.0
44.0	51.2	89.5	14 400*	55.2	91.7	15 200	57.5	92.6	14 400	61.2	93.7	13 000										44.0
46.0	48.8	87.8	13 300*	52.9	90.2	14 300	55.3	91.3	13 500	59.0	92.5	12 100										46.0
48.0	46.2	86.0	12 300*	50.5	88.6	13 400	52.9	89.8	12 600	56.7	91.2	11 400										48.0
50.0	43.5	83.9	11 500*	48.0	86.8	12 600	50.5	88.2	11 900	54.5	89.8	10 600										50.0
52.0	40.7	81.7	10 600*	45.4	84.9	11 900	48.0	86.5	11 100	52.1	88.3	10 000	55.9	89.5	8 800							52.0
54.0	37.7	79.2	9 900*	42.7	82.8	11 200*	45.4	84.5	10 500	49.7	86.7	9 400	53.5	88.1	8 200							54.0
56.0	34.5	76.4	9 200*	39.8	80.5	10 400*	42.7	82.5	9 900	47.1	84.9	8 800	51.2	86.5	7 700							56.0
58.0	30.9	73.3	8 500*	36.7	78.0	9 700*	39.8	80.1	9 300	44.5	82.9	8 300	48.7	84.8	7 200	52.5	85.9	6 300				58.0
60.0	27.0	69.6	8 000*	33.4	75.1	9 000*	36.8	77.6	8 800	41.7	80.8	7 800	46.1	82.9	6 800	50.1	84.3	5 900				60.0
62.0	22.5	65.2	7 400*	29.8	71.8	8 400*	33.5	74.7	8 300	38.8	78.4	7 300	43.4	80.9	6 400	47.5	82.5	5 500				62.0
64.0	16.7	59.5	6 900*	25.7	67.9	7 800*	29.9	71.4	7 800	35.7	75.7	6 900	40.6	78.6	6 000	44.9	80.5	5 100				64.0
66.0				20.9	63.2	7 300*	25.8	67.6	7 400	32.3	72.7	6 500	37.6	76.1	5 600	42.2	78.4	4 800	46.2	79.7	3 900	66.0
68.0				14.6	56.8	6 800*	21.0	62.8	7 000	28.5	69.2	6 100	34.4	73.3	5 300	39.3	76.1	4 400	43.5	77.7	3 600	68.0
70.0							14.7	56.5	6 600	24.2	65.1	5 800	30.8	70.2	5 000	36.2	73.4	4 100	40.7	75.5	3 400	70.0
72.0										19.0	60.0	5 400	26.9	66.5	4 600	32.8	70.5	3 800	37.7	73.0	3 100	72.0
74.0										11.8	52.5	5 100	22.3	62.0	4 300	29.1	67.1	3 600	34.5	70.2	2 800	74.0
76.0													16.6	56.3	4 000	24.9	63.1	3 300	24.9	63.1	2 600	76.0
78.0																19.9	58.2	3 000	27.0	63.4	2 400	78.0
80.0																13.2	51.3	2 800	22.5	58.9	2 200	80.0
82.0																			16.7	53.2	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 41.1m (135 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	64.4	64.4	55 500*b																			15.2
16.0	61.9	64.0	53 900*b																			16.0
18.0	55.6	62.7	49 800*b																			18.0
20.0	48.7	61.1	46 300*	60.9	63.3	47 500b																20.0
22.0	40.9	59.0	42 800*	54.5	62.0	42 000b	61.5	63.0	40 400b													22.0
24.0	31.6	56.2	38 000*	47.5	60.3	37 600	55.1	61.7	36 000b													24.0
26.0				39.5	58.1	33 900	48.1	60.0	32 600	60.1	61.7	30 300b										26.0
28.0				29.8	55.1	30 900	40.3	57.9	29 600	53.6	60.4	27 500b										28.0
30.0				15.0	50.0	28 200	30.8	55.0	27 100	46.5	58.6	25 200										30.0
32.0							16.8	50.2	24 900	38.4	56.4	23 100	51.8	58.6	21 400							32.0
34.0										28.3	53.2	21 400	44.5	56.8	19 700							34.0
36.0													36.0	54.3	18 300	49.5	56.5	16 800				36.0
38.0													25.0	50.8	17 000	41.8	54.5	15 600				38.0
40.0																32.8	51.7	14 500	46.5	53.9	13 300	40.0
42.0																20.2	47.5	13 600	28.3	48.4	11 600	42.0
44.0																						44.0

#### 41.1m (135 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	67.8	67.7	54 000*b																			15.2
16.0	65.7	67.4	52 400*b																			16.0
18.0	60.4	66.3	48 500*b																			18.0
20.0	54.8	65.0	45 100*	64.9	66.7	47 300b																20.0
22.0	48.7	63.4	42 100*	59.5	65.6	41 800b	65.3	66.4	40 100b													22.0
24.0	42.0	61.3	38 200*	53.8	64.3	37 400	60.0	65.3	35 800b													24.0
26.0	34.2	58.7	33 700*	47.7	62.6	33 800	54.3	64.0	32 400													26.0
28.0	24.3	55.0	30 200*	40.8	60.5	30 700	48.2	62.3	29 400	58.8	64.1	27 300b									28.0	
30.0				32.8	57.7	28 100	41.5	60.2	26 900	53.1	62.7	24 900										30.0
32.0				22.3	53.7	25 900	33.6	57.6	24 800	46.8	60.9	22 900										32.0
34.0							23.4	53.7	22 900	39.9	58.7	21 200	51.5	61.0	19 500							34.0
36.0										31.6	55.9	19 600	45.1	59.1	18 000							36.0
38.0										20.6	51.6	18 200	37.8	56.8	16 800							38.0
40.0													29.1	53.6	15 600	42.8	56.8	14 300				40.0
42.0													16.4	48.6	14 600	35.2	54.3	13 300				42.0
44.0																25.6	50.7	12 500	39.9	54.0	11 300	44.0
46.0																			31.6	51.1	10 600	46.0
48.0																			20.6	46.9	9 900	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

FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	47 100b																20.0
22.0	54.2	67.3	41 100*	63.2	69.1	41 600b																22.0
24.0	48.8	65.7	38 000*	58.4	68.0	37 200	63.6	68.8	35 700													24.0
26.0	42.8	63.7	33 800*	53.3	66.6	33 600	58.8	67.7	32 100													26.0
28.0	36.2	61.2	30 300*	47.8	64.9	30 600	53.8	66.3	29 200													28.0
30.0	28.1	57.9	27 400*	41.8	62.8	28 000	48.3	64.6	26 800	57.8	66.4	24 700										30.0
32.0	16.7	52.8	24 900*	34.9	60.2	25 800	42.4	62.6	24 600	52.6	65.0	22 700										32.0
34.0				26.6	56.8	23 800	35.6	60.0	22 800	47.1	63.2	21 000	56.4	64.8	19 300							34.0
36.0				14.0	51.1	22 000	27.4	56.7	21 100	41.0	61.1	19 500	51.2	63.3	17 800							36.0
38.0							15.5	51.4	19 600	34.0	58.4	18 100	45.5	61.4	16 600							38.0
40.0										25.3	54.8	16 900	39.2	59.2	15 500	49.4	61.1	14 100				40.0
42.0													31.9	56.3	14 500	43.5	59.1	13 200				42.0
44.0													22.5	52.2	13 600	37.0	56.7	12 300				44.0
46.0																29.1	53.5	11 500	41.0	56.4	10 400	46.0
48.0																18.4	48.8	10 800	34.0	53.7	9 700	48.0
50.0																			25.3	50.0	9 200	50.0

#### 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.	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	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	46 900b																20.0
22.0	58.2	71.0	39 800*	66.1	72.5	41 400b																22.0
24.0	53.7	69.6	37 300*	61.9	71.5	37 000																24.0
26.0	48.8	68.0	34 000*	57.5	70.3	33 400	62.3	71.2	31 900													26.0
28.0	43.5	66.0	30 400*	52.9	68.9	30 400	57.9	70.0	29 000													28.0
30.0	37.6	63.6	27 400*	47.9	67.2	27 800	53.3	68.6	26 500													30.0
32.0	30.8	60.6	24 900*	42.6	65.2	25 600	48.4	66.9	24 400	56.9	68.7	22 500										32.0
34.0	22.1	56.4	22 700*	36.6	62.7	23 600	43.1	64.9	22 600	52.3	67.3	20 700										34.0
36.0				29.5	59.5	21 900	37.1	62.5	20 900	47.3	65.5	19 200	55.7	67.1	17 600							36.0
38.0				20.4	55.1	20 400	30.2	59.4	19 500	41.8	63.5	17 900	51.0	65.6	16 300							38.0
40.0							21.3	55.1	18 200	35.7	60.9	16 700	45.9	63.7	15 200							40.0
42.0										28.5	57.6	15 600	40.3	61.5	14 200	49.3	63.4	12 900				42.0
44.0										18.9	52.9	14 600	34.0	58.8	13 300	44.1	61.5	12 000				44.0
46.0													26.3	55.3	12 500	38.3	59.1	11 300	47.3	60.8	10 100	46.0
48.0													15.3	49.8	11 700	31.6	56.2	10 600	35.8	56.2	8 900	48.0
50.0																23.3	52.2	9 900	28.5	52.9	8 300	50.0
52.0																			18.9	48.2	7 800	52.0
54.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	74.1	77.4	49 100* <sup>b</sup>																			15.2
16.0	72.6	77.2	47 800* <sup>b</sup>																			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	41 300																22.0
24.0	57.4	73.4	36 600*	64.6	75.0	36 800																24.0
26.0	53.2	71.9	34 400*	60.8	73.9	33 200	65.0	74.6	31 700													26.0
28.0	48.8	70.3	31 100*	56.7	72.7	30 200	61.1	73.6	28 800													28.0
30.0	44.0	68.3	28 000*	52.5	71.2	27 600	57.1	72.3	26 300													30.0
32.0	38.8	66.0	25 400*	48.0	69.5	25 400	52.9	70.9	24 200													32.0
34.0	32.8	63.2	23 300*	43.2	67.5	23 500	48.4	69.2	22 400	56.2	71.1	20 500										34.0
36.0	25.7	59.5	21 300*	37.9	65.1	21 800	43.6	67.3	20 800	52.0	69.6	19 000										36.0
38.0	15.7	54.0	19 300*	31.8	62.2	20 300	38.4	64.9	19 300	47.4	67.8	17 700										38.0
40.0				24.3	58.3	18 900	32.3	62.0	18 000	42.5	65.8	16 500	50.8	67.9	15 000							40.0
42.0				13.4	52.2	17 700	25.1	58.2	16 800	37.1	63.3	15 400	46.2	66.0	14 000							42.0
44.0							14.7	52.5	15 700	30.9	60.3	14 400	41.2	63.9	13 100	49.3	65.7	11 800				44.0
46.0										23.2	56.3	13 500	35.6	61.3	12 300	44.6	63.8	11 100				46.0
48.0													29.1	58.1	11 500	39.4	61.5	10 400				48.0
50.0													20.7	53.6	10 800	33.6	58.7	9 700	42.6	61.0	8 600	50.0
52.0																26.6	55.2	9 100	37.1	58.6	8 100	52.0
54.0																17.1	50.0	8 600	30.9	55.6	7 600	54.0
56.0																			23.2	51.5	7 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	75.4	80.6	47 500* <sup>b</sup>																			15.2
16.0	74.1	80.4	46 300* <sup>b</sup>																			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	36 700																24.0
26.0	56.8	75.7	33 600*	63.4	77.4	33 000	67.2	78.0	31 400													26.0
28.0	52.9	74.2	31 000*	59.8	76.3	30 000	63.7	77.0	28 600													28.0
30.0	48.8	72.6	27 900*	56.1	75.0	27 400	60.2	75.9	26 100													30.0
32.0	44.5	70.7	25 300*	52.2	73.5	25 200	56.5	74.7	24 000													32.0
34.0	39.7	68.4	23 100*	48.1	71.8	23 300	52.6	73.2	22 100	59.4	74.7	20 300										34.0
36.0	34.5	65.7	21 200*	43.7	69.8	21 600	48.5	71.5	20 500	55.6	73.4	18 800										36.0
38.0	28.3	62.3	19 500*	38.9	67.5	20 100	44.1	69.6	19 100	51.7	71.9	17 400										38.0
40.0	20.6	57.8	17 600*	33.5	64.7	18 800	39.3	67.3	17 800	47.6	70.1	16 200	54.6	71.7	14 700							40.0
42.0				27.2	61.2	17 500	34.0	64.5	16 700	43.1	68.1	15 200	50.6	70.2	13 700							42.0
44.0				19.0	56.4	16 400	27.8	61.1	15 600	38.2	65.7	14 200	46.4	68.3	12 900							44.0
46.0							19.9	56.4	14 600	32.8	62.9	13 300	41.9	66.2	12 000	49.3	68.0	10 800				46.0
48.0										26.3	59.3	12 500	36.9	63.8	11 300	45.0	66.1	10 100				48.0
50.0										17.7	54.1	11 800	31.2	60.7	10 600	40.3	63.9	9 500				50.0
52.0													24.3	56.8	10 000	35.1	61.2	8 900	43.1	63.4	7 800	52.0
54.0													14.6	50.9	9 400	29.1	58.0	8 400	38.3	61.0	7 400	54.0
56.0																21.6	53.6	7 900	32.8	58.1	6 900	56.0
58.0																			26.3	54.5	6 500	58.0
60.0																			17.7	49.4	6 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	36 500																24.0
26.0	59.6	79.3	32 800*	65.6	80.8	32 900																26.0
28.0	56.2	78.0	30 800*	62.4	79.8	29 800	65.9	80.4	28 500													28.0
30.0	52.6	76.6	27 800*	59.1	78.6	27 300	62.7	79.4	26 000													30.0
32.0	48.8	74.9	25 200*	55.6	77.3	25 100	59.4	78.3	23 900													32.0
34.0	44.8	73.0	23 000*	52.0	75.8	23 200	55.9	77.0	22 000	62.0	78.2	20 200										34.0
36.0	40.5	70.8	21 100*	48.2	74.1	21 500	52.3	75.5	20 400	58.6	77.0	18 600										36.0
38.0	35.8	68.2	19 400*	44.1	72.1	20 000	48.5	73.8	19 000	55.1	75.7	17 300										38.0
40.0	30.4	65.0	17 900*	39.8	69.9	18 700	44.5	71.9	17 700	51.5	74.2	16 200										40.0
42.0	23.9	61.0	16 200*	34.9	67.2	17 500	40.2	69.7	16 600	47.7	72.4	15 100	54.2	74.0	13 600							42.0
44.0	15.0	55.2	14 800*	29.4	63.9	16 400	35.4	67.0	15 500	43.6	70.5	14 100	50.5	72.5	12 700							44.0
46.0				22.7	59.8	15 400	29.9	63.8	14 600	39.2	68.1	13 300	46.6	70.7	12 000							46.0
48.0				12.9	53.3	14 400	23.3	59.7	13 700	34.3	65.4	12 400	42.5	68.6	11 200	49.3	70.3	10 000				48.0
50.0							14.0	53.6	12 900	28.6	62.1	11 700	37.9	66.2	10 500	45.3	68.4	9 400				50.0
52.0										21.7	57.7	11 000	32.9	63.3	9 900	41.0	66.2	8 800				52.0
54.0													26.9	59.7	9 300	36.3	63.7	8 300	43.6	65.7	7 300	54.0
56.0													19.4	54.9	8 800	31.0	60.6	7 800	39.2	63.4	6 800	56.0
58.0																24.7	56.7	7 300	34.3	60.6	6 400	58.0
60.0																16.2	51.2	6 900	28.6	57.3	6 000	60.0
62.0																			21.7	52.9	5 600	62.0
64.0																			11.0	45.9	5 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	32 600																26.0
28.0	58.9	81.6	30 200*	64.5	83.2	29 600																28.0
30.0	55.7	80.3	27 700*	61.5	82.1	27 100	64.8	82.8	25 800													30.0
32.0	52.3	78.9	25 000*	58.4	81.0	24 900	61.8	81.8	23 600													32.0
34.0	48.8	77.2	22 800*	55.1	79.6	23 000	58.7	80.6	21 800													34.0
36.0	45.1	75.3	20 900*	51.8	78.1	21 300	55.4	79.3	20 200	61.1	80.6	18 400										36.0
38.0	41.2	73.1	19 200*	48.2	76.4	19 800	52.1	77.8	18 800	58.0	79.4	17 100										38.0
40.0	36.9	70.6	17 700*	44.5	74.5	18 500	48.6	76.1	17 500	54.7	78.0	15 900										40.0
42.0	32.0	67.6	16 400*	40.5	72.2	17 300	44.8	74.2	16 400	51.3	76.5	14 800										42.0
44.0	26.4	64.0	15 000*	36.1	69.7	16 200	40.9	72.0	15 300	47.8	74.7	13 900	53.8	76.3	12 500							44.0
46.0	19.4	59.1	13 700*	31.2	66.6	15 200	36.5	69.5	14 400	44.0	72.8	13 000	50.4	74.8	11 700							46.0
48.0				25.4	62.8	14 300	31.6	66.4	13 500	39.9	70.5	12 200	46.8	73.0	11 000							48.0
50.0				18.0	57.6	13 500	26.0	62.7	12 800	35.5	67.9	11 500	43.0	70.9	10 300	49.2	72.6	9 100				50.0
52.0							18.7	57.7	12 000	30.5	64.7	10 800	38.8	68.6	9 700	45.6	70.7	8 600				52.0
54.0										24.6	60.8	10 200	34.2	65.8	9 100	41.6	68.6	8 000				54.0
56.0										16.8	55.4	9 600	29.0	62.5	8 600	37.4	66.1	7 500	44.0	68.0	6 500	56.0
58.0													22.8	58.3	8 100	32.6	63.2	7 100	39.9	65.8	6 100	58.0
60.0													14.0	52.1	7 600	27.1	59.6	6 700	35.5	63.1	5 700	60.0
62.0																20.3	55.0	6 300	30.5	60.0	5 400	62.0
64.0																9.5	47.2	5 800	24.6	56.1	5 000	64.0
66.0																			16.8	50.6	4 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	32 500																26.0
28.0	61.2	85.2	29 400*	66.3	86.6	29 400																28.0
30.0	58.3	84.0	27 800*	63.6	85.6	26 900	66.6	86.2	25 500													30.0
32.0	55.3	82.7	25 400*	60.7	84.5	24 700	63.8	85.2	23 400													32.0
34.0	52.1	81.2	23 200*	57.8	83.3	22 800	61.0	84.2	21 600													34.0
36.0	48.8	79.5	21 200*	54.7	81.9	21 100	58.0	83.0	20 000													36.0
38.0	45.4	77.6	19 500*	51.6	80.4	19 600	55.0	81.6	18 600	60.3	82.9	16 800										38.0
40.0	41.7	75.5	18 000*	48.3	78.7	18 300	51.9	80.1	17 300	57.4	81.7	15 700										40.0
42.0	37.8	73.0	16 600*	44.8	76.8	17 100	48.6	78.4	16 200	54.3	80.3	14 600										42.0
44.0	33.4	70.2	15 300*	41.1	74.6	16 000	45.1	76.5	15 200	51.2	78.8	13 700										44.0
46.0	28.5	66.8	14 000*	37.1	72.1	15 000	41.4	74.4	14 200	47.9	77.1	12 800	53.5	78.7	11 500							46.0
48.0	22.5	62.5	12 800*	32.6	69.2	14 100	37.5	71.9	13 300	44.4	75.1	12 000	50.3	77.1	10 700							48.0
50.0	14.4	56.3	11 800*	27.6	65.6	13 300	33.1	69.0	12 600	40.6	72.9	11 300	46.9	75.3	10 100							50.0
52.0				21.4	61.2	12 500	28.0	65.5	11 900	36.5	70.3	10 600	43.4	73.2	9 500	49.2	74.9	8 300				52.0
54.0				12.6	54.4	11 700	22.0	61.2	11 200	32.0	67.3	10 000	39.6	70.9	8 900	45.8	73.0	7 800				54.0
56.0							13.6	54.7	10 500	26.9	63.7	9 500	35.4	68.3	8 400	42.2	70.9	7 300				56.0
58.0										20.5	59.0	8 900	30.7	65.2	7 900	38.2	68.5	6 900	44.4	70.3	5 900	58.0
60.0													25.3	61.3	7 400	33.9	65.7	6 500	40.6	68.1	5 500	60.0
62.0													18.4	56.2	7 000	29.1	62.4	6 100	36.5	65.6	5 200	62.0
64.0													6.1	46.6	6 600	23.3	58.2	5 700	32.0	62.6	4 800	64.0
66.0																15.5	52.4	5 400	26.9	59.0	4 500	66.0
68.0																			20.5	54.3	4 200	68.0
70.0																			10.9	46.9	3 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	32 200																26.0
28.0	63.1	88.6	28 600*	67.9	89.9	29 200																28.0
30.0	60.5	87.6	27 100*	65.3	89.0	26 700																30.0
32.0	57.7	86.3	25 200*	62.7	88.0	24 400	65.6	88.6	23 200													32.0
34.0	54.9	85.0	22 900*	60.0	86.9	22 600	62.9	87.6	21 400													34.0
36.0	51.9	83.5	21 000*	57.3	85.6	20 900	60.3	86.5	19 800													36.0
38.0	48.9	81.8	19 200*	54.4	84.3	19 400	57.5	85.3	18 300													38.0
40.0	45.6	79.9	17 700*	51.4	82.7	18 100	54.7	83.9	17 100	59.7	85.3	15 400										40.0
42.0	42.2	77.8	16 400*	48.3	81.0	16 900	51.7	82.4	15 900	56.9	84.0	14 400										42.0
44.0	38.6	75.4	15 200*	45.1	79.1	15 800	48.6	80.7	14 900	54.0	82.6	13 400										44.0
46.0	34.6	72.7	14 100*	41.6	76.9	14 800	45.4	78.8	14 000	51.0	81.1	12 600	56.1	82.4	11 200							46.0
48.0	30.1	69.4	13 000*	37.9	74.5	14 000	41.9	76.7	13 200	47.9	79.4	11 800	53.2	81.0	10 500							48.0
50.0	25.0	65.5	11 900*	33.9	71.7	13 100	38.3	74.3	12 400	44.7	77.4	11 100	50.2	79.4	9 800							50.0
52.0	18.5	60.4	11 000*	29.3	68.4	12 400	34.2	71.5	11 600	41.2	75.2	10 400	47.1	77.6	9 200	52.3	78.9	8 100				52.0
54.0				24.0	64.3	11 700	29.8	68.3	11 000	37.4	72.7	9 800	43.8	75.6	8 700	49.2	77.2	7 500				54.0
56.0				17.2	58.9	11 000	24.5	64.3	10 400	33.3	69.9	9 300	40.2	73.3	8 200	46.0	75.3	7 100				56.0
58.0							17.9	59.0	9 800	28.7	66.5	8 700	36.4	70.7	7 600	42.6	73.3	6 600				58.0
60.0										23.2	62.3	8 200	32.1	67.7	7 200	39.0	70.9	6 200	44.7	72.7	5 200	60.0
62.0										16.1	56.5	7 700	27.3	64.2	6 800	35.0	68.2	5 800	41.2	70.5	4 900	62.0
64.0													21.6	59.7	6 400	30.6	65.1	5 500	37.4	68.0	4 600	64.0
66.0													13.6	53.2	6 000	25.6	61.2	5 100	33.3	65.1	4 300	66.0
68.0																19.3	56.3	4 800	28.7	61.7	4 000	68.0
70.0																9.6	48.2	4 500	23.2	57.5	3 700	70.0
72.0																			16.1	51.8	3 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	29 100																28.0
30.0	62.4	91.0	26 500*	66.9	92.3	26 500																30.0
32.0	59.8	89.9	25 100*	64.4	91.4	24 300																32.0
34.0	57.2	88.7	22 800*	62.0	90.4	22 400	64.7	91.1	21 200													34.0
36.0	54.5	87.3	20 800*	59.4	89.2	20 800	62.2	90.0	19 600													36.0
38.0	51.8	85.8	19 100*	56.8	88.0	19 300	59.6	88.9	18 200													38.0
40.0	48.9	84.1	17 600*	54.1	86.6	17 900	57.0	87.7	17 000	61.6	88.8	15 300										40.0
42.0	45.8	82.2	16 300*	51.3	85.0	16 800	54.3	86.3	15 800	59.1	87.7	14 300										42.0
44.0	42.6	80.1	15 000*	48.4	83.3	15 700	51.5	84.7	14 800	56.4	86.4	13 300										44.0
46.0	39.2	77.8	14 000*	45.3	81.4	14 700	48.6	83.0	13 900	53.7	85.0	12 400										46.0
48.0	35.6	75.1	13 000*	42.1	79.3	13 900	45.6	81.1	13 000	50.9	83.4	11 700	55.7	84.7	10 400							48.0
50.0	31.5	72.1	12 100*	38.7	76.9	13 000	42.4	79.0	12 300	48.0	81.7	11 000	53.0	83.3	9 700							50.0
52.0	26.9	68.4	11 200*	34.9	74.2	12 300	39.0	76.7	11 500	44.9	79.7	10 300	50.2	81.7	9 100							52.0
54.0	21.4	63.9	10 300*	30.8	71.0	11 600	35.3	74.0	10 900	41.7	77.6	9 700	47.2	79.9	8 500	52.1	81.2	7 400				54.0
56.0	14.0	57.4	9 400*	26.1	67.3	11 000	31.2	70.9	10 300	38.2	75.1	9 100	44.1	77.9	8 000	49.2	79.5	6 900				56.0
58.0				20.4	62.5	10 400	26.5	67.2	9 700	34.4	72.4	8 600	40.8	75.7	7 500	46.2	77.7	6 500				58.0
60.0				12.3	55.5	9 600*	20.9	62.5	9 200	30.2	69.2	8 100	37.2	73.2	7 100	43.0	75.6	6 100				60.0
62.0							13.2	55.9	8 700	25.4	65.3	7 700	33.4	70.3	6 700	39.6	73.3	5 700	44.9	75.0	4 800	62.0
64.0										19.5	60.4	7 300	29.0	66.9	6 300	36.0	70.7	5 300	41.7	72.8	4 500	64.0
66.0													24.0	62.8	5 900	32.0	67.6	5 000	38.2	70.4	4 100	66.0
68.0													17.6	57.4	5 500	27.5	64.1	4 700	34.4	67.6	3 900	68.0
70.0													6.8	47.9	5 200	22.1	59.7	4 400	30.2	64.4	3 600	70.0
72.0																15.0	53.5	4 100	25.4	60.6	3 300	72.0
74.0																			19.5	55.6	3 100	74.0
76.0																			10.8	48.0	2 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	26 300																30.0
32.0	61.7	93.4	24 500*	66.0	94.8	24 100																32.0
34.0	59.3	92.3	22 600*	63.6	93.8	22 200	66.2	94.4	21 000													34.0
36.0	56.8	91.0	20 600*	61.3	92.8	20 500	63.8	93.5	19 400													36.0
38.0	54.2	89.6	18 900*	58.9	91.6	19 100	61.5	92.4	18 000													38.0
40.0	51.6	88.1	17 400*	56.4	90.3	17 800	59.1	91.3	16 700													40.0
42.0	48.9	86.4	16 000*	53.8	88.9	16 600	56.6	90.0	15 600	61.0	91.2	14 000										42.0
44.0	46.0	84.5	14 800*	51.2	87.3	15 500	54.0	88.6	14 600	58.5	90.0	13 100										44.0
46.0	43.0	82.5	13 700*	48.4	85.6	14 500	51.4	87.0	13 700	56.0	88.7	12 200										46.0
48.0	39.8	80.2	12 700*	45.5	83.7	13 600	48.7	85.3	12 800	53.5	87.3	11 400										48.0
50.0	36.4	77.6	11 900*	42.5	81.6	12 800	45.8	83.5	12 000	50.8	85.7	10 700	55.4	87.0	9 500							50.0
52.0	32.7	74.6	11 000*	39.3	79.3	12 100	42.8	81.4	11 400	48.1	84.0	10 100	52.8	85.6	8 800							52.0
54.0	28.5	71.2	10 300*	35.8	76.6	11 400	39.6	79.1	10 700	45.2	82.0	9 500	50.1	84.0	8 300							54.0
56.0	23.7	67.0	9 600*	32.0	73.6	10 800	36.1	76.4	10 100	42.1	79.9	8 900	47.3	82.2	7 800							56.0
58.0	17.7	61.6	8 900*	27.8	70.1	10 200*	32.4	73.5	9 500	38.9	77.5	8 400	44.4	80.2	7 300	49.2	81.8	6 200				58.0
60.0				22.8	65.8	9 500*	28.2	70.0	9 000	35.4	74.8	7 900	41.3	78.0	6 900	46.3	80.0	5 900				60.0
62.0				16.5	60.1	8 900*	23.3	65.8	8 500	31.5	71.8	7 500	38.0	75.6	6 400	43.4	77.9	5 500				62.0
64.0				4.7	48.9	7 600*	17.2	60.2	8 000	27.2	68.2	7 000	34.4	72.8	6 100	40.2	75.6	5 100	45.2	77.3	4 200	64.0
66.0										22.1	63.7	6 600	30.4	69.6	5 700	36.8	73.1	4 800	42.1	75.2	3 900	66.0
68.0										15.5	57.7	6 200	26.0	65.8	5 400	33.1	70.2	4 500	38.9	72.8	3 600	68.0
70.0													20.6	61.0	5 000	29.0	66.8	4 200	35.4	70.1	3 400	70.0
72.0													13.2	54.3	4 700	24.3	62.8	3 900	31.5	67.0	3 100	72.0
74.0																18.5	57.6	3 600	27.2	63.4	2 800	74.0
76.0																9.6	49.3	3 300	22.1	59.0	2 600	76.0
78.0																			15.5	53.0	2 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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	23 900																32.0
34.0	61.0	95.8	22 200*	65.1	97.2	22 000	67.5	97.7	20 800													34.0
36.0	58.7	94.6	20 400*	62.9	96.2	20 400	65.3	96.9	19 200													36.0
38.0	56.4	93.3	18 600*	60.7	95.1	18 900	63.1	95.9	17 800													38.0
40.0	54.0	91.9	17 100*	58.4	93.9	17 600	60.9	94.8	16 500													40.0
42.0	51.5	90.4	15 800*	56.0	92.6	16 400	58.6	93.6	15 400													42.0
44.0	48.9	88.7	14 600*	53.6	91.2	15 300	56.2	92.3	14 400	60.4	93.6	12 900										44.0
46.0	46.2	86.8	13 500*	51.0	89.6	14 300	53.8	90.9	13 500	58.1	92.4	12 000										46.0
48.0	43.3	84.8	12 500*	48.4	87.9	13 500	51.3	89.3	12 600	55.7	91.0	11 200										48.0
50.0	40.4	82.5	11 600*	45.7	86.0	12 700	48.7	87.6	11 900	53.2	89.6	10 500										50.0
52.0	37.2	80.0	10 800*	42.9	83.9	11 900	46.0	85.8	11 100	50.7	88.0	9 900	55.0	89.4	8 600							52.0
54.0	33.7	77.1	10 100*	39.9	81.6	11 300	43.1	83.7	10 500	48.1	86.3	9 300	52.6	87.9	8 100							54.0
56.0	29.9	73.9	9 400*	36.6	79.1	10 600	40.1	81.4	9 900	45.4	84.3	8 700	50.0	86.3	7 600							56.0
58.0	25.6	70.0	8 800*	33.1	76.2	10 000*	36.9	78.9	9 400	42.5	82.2	8 200	47.4	84.5	7 100	51.8	85.8	6 100				58.0
60.0	20.5	65.2	8 200*	29.3	72.8	9 300*	33.5	76.0	8 800	39.5	79.9	7 800	44.6	82.5	6 700	49.2	84.1	5 600				60.0
62.0	13.6	58.5	7 400*	24.9	68.8	8 700*	29.6	72.7	8 300	36.2	77.3	7 300	41.7	80.4	6 300	46.5	82.3	5 200				62.0
64.0				19.5	63.8	8 100*	25.3	68.8	7 800	32.7	74.3	6 800	38.6	78.0	5 900	43.7	80.2	4 900				64.0
66.0				12.1	56.6	7 400*	20.1	63.9	7 400	28.7	70.9	6 500	35.3	75.3	5 500	40.7	78.0	4 600	45.4	79.6	3 700	66.0
68.0							12.9	57.0	7 000	24.2	66.8	6 100	31.7	72.2	5 200	37.5	75.5	4 300	42.5	77.5	3 400	68.0
70.0										18.7	61.6	5 700	27.6	68.6	4 900	34.1	72.7	4 000	39.5	75.2	3 100	70.0
72.0													22.9	64.3	4 500	30.4	69.5	3 700	36.2	72.5	2 900	72.0
74.0													17.0	58.7	4 200	26.2	65.7	3 400	32.7	69.6	2 700	74.0
76.0													7.2	49.0	3 900	21.1	61.1	3 200	28.7	66.2	2 400	76.0
78.0																14.5	54.7	3 000	24.2	62.1	2 200	78.0
80.0																			18.7	56.9	2 000	80.0
82.0																			10.8	49.1	1 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	75.5	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	21 900																34.0
36.0	60.5	98.2	19 400*	64.4	99.6	20 100	66.6	100.2	19 000													36.0
38.0	58.3	97.0	18 200*	62.3	98.6	18 700	64.6	99.3	17 600													38.0
40.0	56.0	95.7	17 000*	60.1	97.5	17 400	62.5	98.3	16 300													40.0
42.0	53.7	94.2	15 700*	57.9	96.3	16 200	60.3	97.2	15 200													42.0
44.0	51.3	92.7	14 500*	55.7	95.0	15 100	58.1	96.0	14 200													44.0
46.0	48.9	91.0	13 400*	53.3	93.5	14 200	55.9	94.6	13 300	59.8	95.9	11 800										46.0
48.0	46.3	89.1	12 400*	50.9	91.9	13 300	53.5	93.2	12 400	57.6	94.7	11 000										48.0
50.0	43.6	87.1	11 500*	48.5	90.2	12 500	51.2	91.6	11 700	55.4	93.3	10 300										50.0
52.0	40.8	84.9	10 700*	45.9	88.3	11 700	48.7	89.9	11 000	53.0	91.9	9 600	57.0	93.1	8 400							52.0
54.0	37.8	82.4	9 900*	43.2	86.3	11 000	46.1	88.1	10 300	50.6	90.3	9 100	54.8	91.7	7 800							54.0
56.0	34.6	79.6	9 200*	40.4	84.0	10 400	43.4	86.0	9 700	48.1	88.6	8 500	52.4	90.2	7 300							56.0
58.0	31.1	76.5	8 600*	37.3	81.5	9 800*	40.6	83.8	9 100	45.6	86.7	8 000	50.0	88.6	6 900							58.0
60.0	27.2	72.9	8 000*	34.1	78.7	9 200*	37.6	81.3	8 600	42.8	84.6	7 500	47.5	86.8	6 500	51.6	88.1	5 400				60.0
62.0	22.7	68.5	7 500*	30.5	75.5	8 500*	34.4	78.5	8 100	40.0	82.3	7 100	44.8	84.8	6 000	49.2	86.4	5 000				62.0
64.0	17.1	62.9	6 900*	26.5	71.7	7 900*	30.9	75.3	7 700	36.9	79.7	6 700	42.1	82.7	5 600	46.6	84.6	4 700				64.0
66.0				21.9	67.2	7 400*	26.9	71.6	7 200	33.6	76.9	6 300	39.2	80.3	5 300	44.0	82.6	4 300				66.0
68.0				16.0	61.2	6 900*	22.3	67.2	6 800	30.0	73.6	5 900	36.1	77.7	5 000	41.2	80.4	4 000				68.0
70.0				5.5	50.3	5 800*	16.6	61.4	6 500	26.0	69.8	5 500	32.7	74.7	4 600	38.2	77.9	3 700	42.8	79.8	2 900	70.0
72.0										21.2	65.1	5 200	29.0	71.3	4 300	35.0	75.2	3 500	40.0	77.5	2 600	72.0
74.0										15.1	58.9	4 900	24.8	67.3	4 000	31.5	72.1	3 200	36.9	75.0	2 400	74.0
76.0													19.8	62.4	3 700	27.7	68.5	3 000	33.6	72.1	2 200	76.0
78.0													12.9	55.4	3 500	23.3	64.3	2 700	30.0	68.8	2 000	78.0
80.0																17.8	58.8	2 500				80.0
82.0																9.7	50.4	2 300				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 44.2m (145 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	64.7	67.5	54 900*b																			15.2
16.0	62.3	67.1	53 300*b																			16.0
18.0	55.9	65.8	49 200*b																			18.0
20.0	49.1	64.2	45 800*	62.1	66.5	47 200b																20.0
22.0	41.4	62.2	42 600*	55.7	65.3	41 700b	63.1	66.2	39 900b													22.0
24.0	32.1	59.4	38 300*	48.8	63.7	37 300	56.8	65.0	35 700b													24.0
26.0				41.1	61.6	33 700	50.0	63.5	32 200	62.6	65.1	29 700b										26.0
28.0				31.8	58.8	30 600	42.5	61.5	29 300	56.3	63.9	27 000b										28.0
30.0				18.7	54.3	28 000	33.5	58.9	26 800	49.4	62.3	24 700										30.0
32.0							21.4	54.8	24 600	41.8	60.3	22 700										32.0
34.0										32.6	57.5	21 000	48.4	60.7	19 200							34.0
36.0										20.0	53.3	19 400	40.6	58.6	17 800							36.0
38.0													31.2	55.7	16 600	46.9	58.6	15 100				38.0
40.0																38.8	56.4	14 000				40.0
42.0																28.9	53.3	13 100	44.7	56.0	11 800	42.0
44.0																13.1	47.8	12 200	36.2	53.6	11 000	44.0
46.0																			25.4	50.1	10 300	46.0

#### 44.2m (145 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	68.1	70.8	53 300*b																			15.2
16.0	66.0	70.5	51 800*b																			16.0
18.0	60.7	69.4	47 900*b																			18.0
20.0	55.1	68.1	44 600*	65.8	69.9	47 000b																20.0
22.0	49.1	66.5	41 700*	60.5	68.9	41 500b																22.0
24.0	42.4	64.5	38 300*	54.9	67.6	37 200	61.4	68.6	35 400b													24.0
26.0	34.7	61.9	34 000*	48.9	66.0	33 500	55.9	67.4	32 000													26.0
28.0	24.9	58.3	30 400*	42.2	63.9	30 500	49.9	65.8	29 100	61.0	67.5	26 700b										28.0
30.0				34.4	61.3	27 900	43.3	63.8	26 600	55.4	66.2	24 400										30.0
32.0				24.6	57.6	25 700	35.8	61.3	24 500	49.4	64.6	22 500										32.0
34.0							26.5	57.9	22 600	42.7	62.6	20 800	54.6	64.6	18 900							34.0
36.0										35.1	60.1	19 300	48.5	63.0	17 600							36.0
38.0										25.5	56.5	17 900	41.7	60.9	16 300							38.0
40.0													33.9	58.3	15 200	47.2	60.9	13 700				40.0
42.0													23.9	54.5	14 200	40.2	58.7	12 800				42.0
44.0																32.1	55.9	12 000				44.0
46.0																21.2	51.8	11 200	38.1	56.0	10 000	46.0
48.0																29.4	52.9	9 400	29.4	52.9	9 400	48.0
50.0																16.9	48.0	8 800	16.9	48.0	8 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	46 800b																20.0
22.0	54.4	70.4	40 400*	64.1	72.4	41 300b																22.0
24.0	49.1	68.8	38 000*	59.3	71.3	37 000	64.9	72.1	35 300b													24.0
26.0	43.2	66.8	34 200*	54.3	69.9	33 400	60.1	71.0	31 800													26.0
28.0	36.5	64.4	30 700*	48.9	68.3	30 300	55.1	69.7	28 900													28.0
30.0	28.6	61.1	27 700*	43.0	66.3	27 800	49.8	68.1	26 500	59.7	69.8	24 300										30.0
32.0	17.5	56.3	25 100*	36.3	63.8	25 600	44.0	66.2	24 400	54.7	68.5	22 300										32.0
34.0				28.3	60.5	23 600	37.5	63.8	22 500	49.3	66.9	20 600										34.0
36.0				17.1	55.5	21 900	29.8	60.7	20 900	43.5	64.9	19 100	54.0	66.9	17 300							36.0
38.0							19.4	56.1	19 400	36.9	62.5	17 700	48.5	65.3	16 100							38.0
40.0										29.0	59.3	16 600	42.6	63.3	15 000							40.0
42.0										18.2	54.6	15 500	35.9	60.7	14 100	47.4	63.2	12 600				42.0
44.0													27.8	57.4	13 100	41.3	61.1	11 800				44.0
46.0																34.4	58.5	11 100	45.7	60.7	9 800	46.0
48.0																25.8	54.9	10 400	39.4	58.4	9 200	48.0
50.0																12.5	48.8	9 700	32.1	55.6	8 600	50.0
52.0																			22.8	51.6	8 100	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

FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	72.6	77.3	49 800* <sup>b</sup>																			15.2
16.0	71.0	77.1	48 400* <sup>b</sup>																			16.0
18.0	67.0	76.3	45 000* <sup>b</sup>																			18.0
20.0	62.8	75.3	42 000*																			20.0
22.0	58.5	74.1	39 300*	66.9	75.7	41 200 <sup>b</sup>																22.0
24.0	53.9	72.8	37 000*	62.7	74.8	36 800																24.0
26.0	49.0	71.1	34 200*	58.3	73.6	33 100	63.4	74.5	31 600													26.0
28.0	43.8	69.2	30 600*	53.7	72.2	30 200	59.1	73.3	28 700													28.0
30.0	38.0	66.8	27 600*	48.9	70.6	27 600	54.5	72.0	26 200													30.0
32.0	31.2	63.8	25 000*	43.6	68.6	25 400	49.7	70.4	24 100	58.7	72.2	22 000										32.0
34.0	22.7	59.7	22 800*	37.8	66.2	23 500	44.5	68.5	22 300	54.1	70.8	20 300										34.0
36.0				31.0	63.2	21 800	38.8	66.2	20 700	49.3	69.2	18 900										36.0
38.0				22.3	59.1	20 300	32.2	63.3	19 200	44.1	67.3	17 500	53.5	69.2	15 800							38.0
40.0							24.0	59.4	17 900	38.3	64.9	16 300	48.6	67.6	14 800							40.0
42.0										31.6	62.0	15 300	43.3	65.6	13 800							42.0
44.0										23.2	58.0	14 300	37.4	63.2	12 900	47.5	65.5	11 500				44.0
46.0													30.5	60.1	12 100	42.1	63.5	10 800				46.0
48.0													21.7	55.9	11 300	36.1	60.9	10 100	46.0	63.0	8 900	48.0
50.0																28.9	57.7	9 500	40.5	60.8	8 300	50.0
52.0																19.5	53.1	8 900	34.2	58.1	7 800	52.0
54.0																			26.6	54.6	7 300	54.0
56.0																			15.8	49.2	6 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	74.3	80.5	48 400* <sup>b</sup>																			15.2
16.0	72.8	80.3	47 100* <sup>b</sup>																			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	41 000 <sup>b</sup>																22.0
24.0	57.6	76.5	36 200*	65.4	78.2	36 500																24.0
26.0	53.5	75.1	34 100*	61.5	77.1	33 000	66.0	77.9	31 300													26.0
28.0	49.0	73.4	31 300*	57.5	75.9	29 900	62.2	76.9	28 400													28.0
30.0	44.3	71.5	28 200*	53.3	74.5	27 400	58.2	75.7	26 000													30.0
32.0	39.1	69.2	25 600*	48.9	72.9	25 200	54.0	74.3	23 900													32.0
34.0	33.2	66.4	23 200*	44.1	70.9	23 300	49.7	72.7	22 100	57.8	74.5	20 100										34.0
36.0	26.1	62.8	20 800*	38.9	68.6	21 600	45.0	70.8	20 500	53.7	73.1	18 600										36.0
38.0	16.4	57.4	18 800*	33.0	65.8	20 100	39.8	68.6	19 000	49.3	71.5	17 300										38.0
40.0				25.9	62.1	18 800	34.0	65.8	17 800	44.5	69.6	16 100	53.1	71.6	14 500							40.0
42.0				16.0	56.7	17 500	27.2	62.4	16 600	39.3	67.3	15 100	48.6	69.9	13 600							42.0
44.0							18.0	57.4	15 600	33.5	64.5	14 100	43.8	67.9	12 700							44.0
46.0										26.5	61.0	13 300	38.6	65.6	11 900	47.7	67.8	10 600				46.0
48.0										17.0	55.8	12 400	32.6	62.7	11 100	42.8	65.8	9 900				48.0
50.0													25.4	59.0	10 500	37.4	63.4	9 300				50.0
52.0																31.2	60.4	8 700	41.3	63.1	7 600	52.0
54.0																23.7	56.4	8 200	35.7	60.6	7 100	54.0
56.0																12.1	49.9	7 700	29.3	57.3	6 700	56.0
58.0																			21.0	53.0	6 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	75.6	83.7	46 800* <sup>b</sup>																			15.2
16.0	74.3	83.5	45 600* <sup>b</sup>																			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	36 300																24.0
26.0	57.0	78.8	33 300*	64.1	80.6	32 700																26.0
28.0	53.1	77.4	31 200*	60.5	79.5	29 700	64.7	80.3	28 200													28.0
30.0	49.0	75.7	28 000*	56.8	78.3	27 200	61.1	79.2	25 800													30.0
32.0	44.7	73.8	25 400*	53.0	76.8	25 000	57.5	78.0	23 700													32.0
34.0	40.0	71.6	23 200*	48.9	75.2	23 100	53.6	76.6	21 900	60.8	78.1	19 900										34.0
36.0	34.8	68.9	21 000*	44.6	73.2	21 400	49.6	75.0	20 300	57.1	76.9	18 400										36.0
38.0	28.7	65.6	18 900*	39.8	71.0	19 900	45.3	73.1	18 800	53.3	75.4	17 100										38.0
40.0	21.1	61.1	17 100*	34.6	68.3	18 600	40.7	70.9	17 500	49.2	73.8	15 900	56.6	75.3	14 200							40.0
42.0				28.5	65.0	17 400	35.5	68.3	16 400	44.9	71.9	14 800	52.7	73.9	13 300							42.0
44.0				20.8	60.5	16 300	29.6	65.1	15 400	40.2	69.7	13 900	48.7	72.2	12 400							44.0
46.0							22.2	60.9	14 400	35.0	67.0	13 000	44.3	70.2	11 600	51.9	71.8	10 300				46.0
48.0										29.0	63.7	12 200	39.5	68.0	10 900	47.8	70.1	9 600				48.0
50.0										21.5	59.4	11 500	34.2	65.2	10 200	43.3	68.1	9 000				50.0
52.0													28.1	61.9	9 600	38.5	65.8	8 500	46.5	67.6	7 300	52.0
54.0													20.2	57.3	9 100	33.1	62.9	8 000	42.0	65.5	6 900	54.0
56.0																26.6	59.3	7 500	37.0	63.0	6 400	56.0
58.0																18.2	54.3	7 000	31.3	60.0	6 000	58.0
60.0																			24.5	56.1	5 600	60.0
62.0																			14.9	50.3	5 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	32 600																26.0
28.0	56.4	81.1	30 600*	63.0	83.0	29 600	66.7	83.6	28 100													28.0
30.0	52.8	79.7	28 000*	59.7	81.9	27 100	63.5	82.7	25 600													30.0
32.0	49.0	78.0	25 400*	56.3	80.6	24 900	60.2	81.6	23 500													32.0
34.0	45.0	76.1	23 100*	52.7	79.1	23 000	56.8	80.4	21 700													34.0
36.0	40.7	73.9	21 100*	48.9	77.5	21 300	53.3	78.9	20 100	60.0	80.5	18 300										36.0
38.0	36.0	71.3	19 100*	44.9	75.6	19 800	49.6	77.3	18 700	56.5	79.2	16 900										38.0
40.0	30.7	68.2	17 300*	40.6	73.4	18 500	45.6	75.4	17 500	53.0	77.8	15 800										40.0
42.0	24.3	64.3	15 700*	35.9	70.8	17 300	41.3	73.3	16 400	49.2	76.1	14 800	56.0	77.6	13 200							42.0
44.0	15.6	58.6	14 400*	30.5	67.6	16 200	36.7	70.8	15 300	45.2	74.2	13 800	52.5	76.2	12 300							44.0
46.0				24.1	63.7	15 200	31.5	67.7	14 400	41.0	72.0	12 900	48.7	74.5	11 500							46.0
48.0				15.2	57.9	14 300	25.2	63.9	13 500	36.3	69.5	12 200	44.7	72.6	10 800							48.0
50.0							17.0	58.6	12 700	31.0	66.4	11 400	40.3	70.3	10 200	47.9	72.4	8 900				50.0
52.0										24.6	62.5	10 800	35.6	67.7	9 600	43.8	70.4	8 400				52.0
54.0										16.1	57.0	10 100	30.2	64.6	9 000	39.4	68.1	7 900				54.0
56.0													23.6	60.5	8 500	34.5	65.4	7 400	42.6	67.8	6 300	56.0
58.0																28.9	62.1	7 000	38.1	65.4	5 900	58.0
60.0																22.1	57.8	6 500	33.0	62.6	5 600	60.0
62.0																11.8	51.0	6 100	27.1	59.0	5 200	62.0
64.0																			19.7	54.3	4 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	32 400																26.0
28.0	59.1	84.8	30 000*	65.1	86.4	29 400																28.0
30.0	55.9	83.5	27 900*	62.1	85.4	26 800	65.6	86.1	25 400													30.0
32.0	52.5	82.0	25 100*	59.0	84.2	24 700	62.6	85.1	23 300													32.0
34.0	49.0	80.3	22 900*	55.8	82.9	22 700	59.5	84.0	21 500													34.0
36.0	45.3	78.4	21 000*	52.4	81.4	21 100	56.3	82.7	19 900													36.0
38.0	41.4	76.3	19 200*	48.9	79.8	19 600	53.0	81.2	18 500	59.2	82.8	16 700										38.0
40.0	37.1	73.8	17 500*	45.2	77.9	18 300	49.5	79.6	17 300	56.0	81.5	15 500										40.0
42.0	32.3	70.8	15 900*	41.3	75.7	17 100	45.8	77.7	16 100	52.7	80.1	14 500										42.0
44.0	26.8	67.2	14 500*	36.9	73.2	16 100	41.9	75.6	15 100	49.2	78.4	13 600	55.6	80.0	12 100							44.0
46.0	19.8	62.5	13 200*	32.1	70.2	15 100	37.7	73.2	14 200	45.5	76.5	12 700	52.2	78.5	11 300							46.0
48.0				26.6	66.6	14 200	33.0	70.3	13 300	41.6	74.4	11 900	48.7	76.8	10 600							48.0
50.0				19.6	61.8	13 300	27.6	66.8	12 600	37.3	71.9	11 200	45.0	74.9	9 900							50.0
52.0							20.9	62.3	11 800	32.6	69.0	10 500	41.0	72.7	9 300	48.0	74.7	8 100				52.0
54.0										27.1	65.4	10 000	36.7	70.2	8 700	44.2	72.8	7 600				54.0
56.0													31.8	67.2	8 200	40.2	70.5	7 100				56.0
58.0													26.2	63.5	7 800	35.7	67.9	6 700	43.1	70.2	5 600	58.0
60.0													19.1	58.6	7 300	30.8	64.8	6 300	38.9	67.8	5 300	60.0
62.0																24.9	60.9	5 900	34.4	65.1	5 000	62.0
64.0																17.3	55.6	5 500	29.2	61.8	4 600	64.0
66.0																			23.0	57.6	4 300	66.0
68.0																			14.3	51.5	4 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	32 200																26.0
28.0	61.3	88.3	29 000*	66.8	89.7	29 200																28.0
30.0	58.4	87.1	27 600*	64.1	88.8	26 600																30.0
32.0	55.4	85.8	25 600*	61.2	87.8	24 400	64.5	88.5	23 100													32.0
34.0	52.3	84.3	23 200*	58.3	86.6	22 600	61.7	87.5	21 300													34.0
36.0	49.0	82.6	21 300*	55.3	85.2	20 900	58.8	86.3	19 700													36.0
38.0	45.6	80.7	19 500*	52.2	83.7	19 400	55.8	85.0	18 300													38.0
40.0	41.9	78.6	17 700*	48.9	82.1	18 100	52.7	83.5	17 000	58.6	85.2	15 300										40.0
42.0	38.0	76.2	16 100*	45.5	80.2	16 900	49.5	81.9	15 900	55.6	83.8	14 300										42.0
44.0	33.7	73.4	14 700*	41.8	78.0	15 900	46.1	80.1	14 900	52.4	82.4	13 400										44.0
46.0	28.7	70.0	13 500*	37.9	75.6	14 900	42.4	78.0	14 000	49.2	80.7	12 500	55.1	82.3	11 000							46.0
48.0	22.9	65.8	12 300*	33.5	72.8	14 000	38.5	75.6	13 200	45.8	78.8	11 700	52.0	80.8	10 400							48.0
50.0	14.9	59.8	11 400*	28.6	69.4	13 200	34.3	72.8	12 400	42.1	76.7	11 000	48.7	79.1	9 700							50.0
52.0				22.7	65.1	12 400	29.4	69.5	11 700	38.2	74.3	10 400	45.3	77.2	9 100	51.3	78.8	7 900				52.0
54.0				14.6	59.0	11 700	23.8	65.5	11 000	33.9	71.5	9 800	41.6	75.0	8 600	48.0	77.0	7 400				54.0
56.0							16.2	59.8	10 400	29.0	68.2	9 200	37.6	72.6	8 000	44.5	75.1	6 900				56.0
58.0										23.2	64.0	8 700	33.2	69.7	7 600	40.8	72.9	6 500	47.0	74.5	5 400	58.0
60.0										15.4	58.1	8 200	28.3	66.3	7 100	36.8	70.3	6 100	43.5	72.5	5 100	60.0
62.0													22.3	62.0	6 700	32.3	67.4	5 700	39.7	70.2	4 700	62.0
64.0													14.0	55.7	6 300	27.1	63.8	5 300	35.5	67.5	4 400	64.0
66.0																20.8	59.2	5 000	30.9	64.4	4 100	66.0
68.0																11.6	52.1	4 700	25.5	60.6	3 800	68.0
70.0																			18.7	55.6	3 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	31 900																26.0
28.0	63.3	91.7	28 300*	68.4	93.1	29 000																28.0
30.0	60.6	90.7	26 900*	65.8	92.2	26 400																30.0
32.0	57.9	89.4	25 300*	63.2	91.2	24 200																32.0
34.0	55.0	88.1	23 000*	60.5	90.1	22 300	63.6	90.9	21 000													34.0
36.0	52.1	86.6	21 100*	57.8	88.9	20 700	61.0	89.9	19 500													36.0
38.0	49.0	84.9	19 300*	54.9	87.6	19 200	58.2	88.7	18 100													38.0
40.0	45.8	83.1	17 700*	52.0	86.0	17 900	55.4	87.3	16 800	60.7	88.7	15 100										40.0
42.0	42.4	81.0	16 200*	48.9	84.4	16 700	52.5	85.8	15 700	58.0	87.5	14 000										42.0
44.0	38.8	78.6	14 800*	45.7	82.5	15 700	49.4	84.2	14 700	55.2	86.2	13 100										44.0
46.0	34.8	75.9	13 600*	42.3	80.4	14 700	46.3	82.4	13 800	52.2	84.7	12 300	57.6	86.0	10 800							46.0
48.0	30.4	72.7	12 500*	38.6	78.0	13 800	42.9	80.3	12 900	49.2	83.0	11 500	54.8	84.6	10 100							48.0
50.0	25.3	68.8	11 500*	34.7	75.3	13 000	39.3	78.0	12 200	46.0	81.1	10 800	51.8	83.1	9 400							50.0
52.0	18.9	63.8	10 600*	30.2	72.1	12 300	35.3	75.3	11 500	42.6	79.1	10 100	48.7	81.4	8 800							52.0
54.0				25.1	68.2	11 600	31.0	72.2	10 800	38.9	76.7	9 600	45.5	79.5	8 300	51.2	81.1	7 100				54.0
56.0				18.6	63.1	10 900	26.0	68.4	10 200	35.0	74.0	9 000	42.1	77.4	7 800	48.1	79.3	6 600				56.0
58.0							19.8	63.6	9 600	30.6	70.8	8 500	38.4	75.0	7 300	44.8	77.4	6 200				58.0
60.0										25.5	67.0	8 000	34.4	72.2	6 900	41.4	75.2	5 800				60.0
62.0										19.2	62.0	7 500	29.9	69.0	6 500	37.6	72.8	5 500	43.9	74.8	4 500	62.0
64.0										9.4	53.9	7 100	24.7	65.0	6 100	33.5	69.9	5 100	40.3	72.6	4 200	64.0
66.0													18.2	59.8	5 700	28.9	66.6	4 800	36.5	70.0	3 900	66.0
68.0																23.5	62.4	4 500	32.3	67.0	3 600	68.0
70.0																16.5	56.8	4 100	27.5	63.5	3 300	70.0
72.0																			21.8	59.0	3 000	72.0
74.0																			13.9	52.6	2 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	28 800																28.0
30.0	62.5	94.1	26 200*	67.3	95.5	26 300																30.0
32.0	60.0	93.0	24 700*	64.9	94.6	24 100																32.0
34.0	57.4	91.8	22 800*	62.4	93.6	22 200	65.3	94.3	20 900													34.0
36.0	54.7	90.4	20 900*	59.9	92.5	20 600	62.8	93.3	19 300													36.0
38.0	51.9	88.9	19 200*	57.3	91.2	19 100	60.3	92.2	17 900													38.0
40.0	49.0	87.2	17 700*	54.6	89.9	17 800	57.7	91.0	16 700													40.0
42.0	46.0	85.4	16 300*	51.8	88.3	16 600	55.0	89.6	15 600	60.1	91.1	13 900									42.0	
44.0	42.8	83.3	14 900*	48.9	86.7	15 600	52.3	88.2	14 600	57.5	89.8	13 000									44.0	
46.0	39.4	81.0	13 700*	45.9	84.8	14 600	49.4	86.5	13 700	54.8	88.5	12 100									46.0	
48.0	35.8	78.3	12 600*	42.7	82.7	13 700	46.4	84.7	12 800	52.0	87.0	11 400									48.0	
50.0	31.7	75.3	11 600*	39.3	80.4	12 900	43.3	82.6	12 100	49.2	85.3	10 700	54.4	86.9	9 300						50.0	
52.0	27.2	71.7	10 700*	35.6	77.7	12 200	39.9	80.3	11 400	46.2	83.5	10 100	51.7	85.4	8 700						52.0	
54.0	21.7	67.2	9 900*	31.6	74.7	11 500	36.3	77.7	10 700	43.0	81.4	9 400	48.8	83.7	8 200						54.0	
56.0	14.4	60.9	9 200*	27.0	71.0	10 800	32.3	74.8	10 100	39.6	79.1	8 900	45.7	81.8	7 700	51.1	83.4	6 500			56.0	
58.0				21.5	66.5	10 200	27.8	71.2	9 500	35.9	76.5	8 400	42.5	79.7	7 200	48.1	81.6	6 100			58.0	
60.0				14.1	60.1	9 600	22.5	66.9	9 000	31.9	73.4	7 900	39.1	77.4	6 800	45.1	79.7	5 700			60.0	
62.0							15.6	61.0	8 500	27.4	69.9	7 400	35.4	74.7	6 400	41.8	77.6	5 300			62.0	
64.0										22.0	65.4	7 000	31.3	71.6	6 000	38.4	75.2	5 000	44.2	77.1	4 000	64.0
66.0										14.9	59.3	6 600	26.7	67.9	5 600	34.6	72.4	4 700	40.9	74.9	3 700	66.0
68.0													21.2	63.3	5 300	30.4	69.2	4 400	37.3	72.4	3 500	68.0
70.0													13.6	56.8	5 000	25.7	65.4	4 100	33.5	69.5	3 200	70.0
72.0																19.9	60.5	3 800	29.2	66.2	2 900	72.0
74.0																11.4	53.2	3 500	24.2	62.1	2 700	74.0
76.0																			17.9	56.8	2 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	26 100																30.0
32.0	61.8	96.5	23 900*	66.4	98.0	23 900																32.0
34.0	59.4	95.4	22 200*	64.1	97.0	22 000	66.8	97.7	20 700													34.0
36.0	56.9	94.1	20 600*	61.7	96.0	20 300	64.5	96.7	19 100													36.0
38.0	54.4	92.7	18 900*	59.3	94.8	18 900	62.1	95.7	17 700													38.0
40.0	51.7	91.2	17 400*	56.8	93.6	17 600	59.7	94.6	16 500													40.0
42.0	49.0	89.5	16 100*	54.3	92.2	16 400	57.3	93.3	15 400	61.9	94.6	13 600										42.0
44.0	46.2	87.7	14 800*	51.7	90.7	15 300	54.7	92.0	14 400	59.5	93.4	12 700										44.0
46.0	43.2	85.6	13 700*	48.9	89.0	14 400	52.1	90.5	13 400	57.0	92.2	11 900										46.0
48.0	40.0	83.3	12 700*	46.1	87.1	13 500	49.4	88.8	12 600	54.5	90.8	11 100										48.0
50.0	36.6	80.8	11 700*	43.1	85.0	12 700	46.6	87.0	11 900	51.9	89.3	10 400										50.0
52.0	32.9	77.8	10 800*	39.9	82.8	11 900	43.6	84.9	11 100	49.2	87.6	9 800	54.1	89.2	8 500							52.0
54.0	28.8	74.4	10 000*	36.5	80.2	11 300	40.4	82.7	10 500	46.3	85.8	9 200	51.5	87.7	7 900							54.0
56.0	24.0	70.3	9 200*	32.8	77.2	10 600	37.1	80.2	9 900	43.3	83.7	8 700	48.8	86.0	7 400							56.0
58.0	18.1	65.0	8 600*	28.6	73.8	10 100	33.4	77.3	9 400	40.2	81.4	8 100	45.9	84.1	7 000	51.0	85.7	5 800				58.0
60.0				23.8	69.7	9 500	29.4	74.0	8 800	36.8	78.9	7 700	42.9	82.0	6 500	48.2	83.9	5 500				60.0
62.0				17.9	64.3	9 000*	24.7	70.0	8 300	33.1	76.0	7 200	39.7	79.7	6 200	45.3	82.0	5 100				62.0
64.0				8.3	55.4	8 100*	19.0	64.9	7 900	29.0	72.6	6 800	36.3	77.1	5 800	42.3	79.9	4 800				64.0
66.0										24.3	68.5	6 400	32.6	74.2	5 400	39.0	77.5	4 400	44.4	79.4	3 500	66.0
68.0										18.4	63.3	6 000	28.4	70.7	5 100	35.5	74.9	4 100	41.4	77.3	3 200	68.0
70.0										9.5	55.0	5 700	23.5	66.5	4 800	31.7	71.8	3 800	38.1	74.8	3 000	70.0
72.0													17.5	61.1	4 400	27.4	68.2	3 600	34.5	72.0	2 700	72.0
74.0																22.4	63.9	3 300	30.6	68.9	2 500	74.0
76.0																15.9	58.0	3 100	26.1	65.1	2 200	76.0
78.0																			20.8	60.4	2 100	78.0
80.0																			13.5	53.7	1 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	74.8	104.1	27 100*																			21.3
22.0	74.1	103.9	28 900*																			22.0
24.0	72.0	103.3	28 700*																			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	25 500																30.0
32.0	63.4	100.0	22 800*	67.7	101.3	23 700																32.0
34.0	61.2	98.9	21 400*	65.5	100.4	21 800																34.0
36.0	58.9	97.7	20 100*	63.3	99.4	20 200	65.9	100.1	18 900													36.0
38.0	56.5	96.4	18 700*	61.1	98.4	18 700	63.7	99.1	17 500													38.0
40.0	54.1	95.0	17 200*	58.8	97.2	17 400	61.5	98.1	16 300													40.0
42.0	51.6	93.5	15 900*	56.4	95.9	16 200	59.2	96.9	15 200													42.0
44.0	49.0	91.8	14 600*	54.0	94.5	15 100	56.8	95.7	14 200	61.3	97.0	12 500										44.0
46.0	46.3	90.0	13 500*	51.5	93.0	14 200	54.4	94.3	13 300	59.0	95.8	11 700										46.0
48.0	43.5	87.9	12 600*	48.9	91.3	13 300	51.9	92.8	12 400	56.6	94.5	10 900										48.0
50.0	40.5	85.7	11 700*	46.2	89.4	12 500	49.4	91.1	11 700	54.2	93.1	10 200										50.0
52.0	37.3	83.2	10 900*	43.4	87.4	11 800	46.7	89.3	11 000	51.7	91.6	9 600	56.3	93.0	8 200							52.0
54.0	33.9	80.4	10 100*	40.4	85.1	11 100	43.9	87.3	10 300	49.1	89.9	9 000	53.9	91.5	7 700							54.0
56.0	30.1	77.1	9 300*	37.2	82.6	10 500	40.9	85.0	9 700	46.5	88.1	8 500	51.4	90.0	7 300							56.0
58.0	25.9	73.3	8 700*	33.8	79.8	9 900	37.8	82.6	9 200	43.6	86.0	8 000	48.8	88.3	6 800							58.0
60.0	20.8	68.6	8 100*	30.0	76.5	9 400*	34.4	79.8	8 700	40.7	83.8	7 500	46.1	86.4	6 400	50.8	88.0	5 200				60.0
62.0	14.0	62.0	7 400*	25.7	72.6	8 800*	30.7	76.6	8 200	37.5	81.3	7 000	43.2	84.4	5 900	48.2	86.2	4 900				62.0
64.0				20.6	67.9	8 200*	26.5	72.9	7 700	34.1	78.5	6 600	40.2	82.1	5 600	45.5	84.3	4 500				64.0
66.0				13.8	61.3	7 600*	21.6	68.3	7 300	30.3	75.3	6 300	37.1	79.6	5 200	42.6	82.2	4 200				66.0
68.0							15.1	62.1	6 900	26.1	71.5	5 900	33.6	76.7	4 900	39.6	79.9	3 900	44.7	81.8	3 000	68.0
70.0										21.1	66.8	5 500	29.8	73.4	4 600	36.4	77.3	3 600	41.8	79.6	2 700	70.0
72.0										14.4	60.4	5 200	25.5	69.5	4 300	32.8	74.4	3 400	38.7	77.2	2 500	72.0
74.0													20.3	64.7	4 000	28.9	71.0	3 100	35.4	74.5	2 300	74.0
76.0													13.3	57.9	3 700	24.5	66.9	2 900	31.8	71.5	2 100	76.0
78.0																19.1	61.8	2 600				78.0
80.0																11.3	54.2	2 400				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	75.6	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	21 600																34.0
36.0	60.6	101.3	19 400*	64.8	102.8	19 900																36.0
38.0	58.4	100.1	18 200*	62.7	101.8	18 500	65.1	102.5	17 300													38.0
40.0	56.2	98.8	17 100*	60.5	100.7	17 200	63.0	101.5	16 100													40.0
42.0	53.9	97.4	15 800*	58.3	99.5	16 000	60.9	100.5	14 900													42.0
44.0	51.5	95.8	14 600*	56.1	98.2	14 900	58.7	99.3	13 900													44.0
46.0	49.0	94.1	13 500*	53.8	96.8	14 000	56.5	98.0	13 000	60.7	99.3	11 400										46.0
48.0	46.5	92.3	12 500*	51.4	95.3	13 100	54.2	96.6	12 200	58.5	98.1	10 700										48.0
50.0	43.8	90.3	11 600*	48.9	93.6	12 300	51.8	95.1	11 400	56.3	96.8	10 000										50.0
52.0	41.0	88.0	10 700*	46.4	91.7	11 600	49.4	93.4	10 700	54.0	95.4	9 400										52.0
54.0	38.0	85.6	10 000*	43.7	89.7	10 900	46.8	91.6	10 100	51.6	93.9	8 800	56.0	95.3	7 500							54.0
56.0	34.8	82.8	9 300*	40.9	87.5	10 300	44.2	89.6	9 500	49.1	92.2	8 200	53.6	93.8	7 000							56.0
58.0	31.3	79.7	8 600*	37.9	85.0	9 700	41.4	87.4	9 000	46.6	90.4	7 700	51.3	92.3	6 500							58.0
60.0	27.5	76.1	8 000*	34.7	82.2	9 100	38.4	85.0	8 400	43.9	88.4	7 300	48.8	90.6	6 100							60.0
62.0	23.0	71.8	7 500*	31.2	79.1	8 600*	35.3	82.3	8 000	41.1	86.2	6 800	46.2	88.7	5 700	50.8	90.3	4 600				62.0
64.0	17.4	66.3	7 000*	27.3	75.5	8 000*	31.8	79.2	7 500	38.2	83.7	6 400	43.5	86.7	5 300	48.3	88.5	4 300				64.0
66.0				22.8	71.1	7 500*	28.0	75.7	7 100	35.0	81.0	6 000	40.7	84.5	5 000	45.7	86.6	4 000				66.0
68.0				17.2	65.5	7 000*	23.6	71.5	6 700	31.5	77.9	5 700	37.7	82.0	4 700	43.0	84.6	3 700				68.0
70.0				8.5	56.5	6 300*	18.3	66.1	6 300	27.7	74.3	5 300	34.5	79.2	4 400	40.1	82.3	3 400	44.9	84.1	2 500	70.0
72.0										23.2	70.0	5 000	31.0	76.0	4 100	37.1	79.7	3 100	42.2	81.9	2 200	72.0
74.0										17.7	64.6	4 700	27.1	72.4	3 800	33.8	76.9	2 900	39.3	79.6	2 000	74.0
76.0										9.6	56.1	4 400	22.5	68.0	3 500	30.2	73.6	2 600	36.2	77.0	1 800	76.0
78.0													16.8	62.3	3 200	26.2	69.9	2 400				78.0
80.0																21.5	65.3	2 200				80.0
82.0																15.4	59.1	2 000				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

FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING

#### 47.2m (155 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	65.0	70.6	53 700*b																			15.2
16.0	62.6	70.2	52 100*b																			16.0
18.0	56.3	68.9	48 300*b																			18.0
20.0	49.5	67.4	45 000*	63.2	69.8	46 900b																20.0
22.0	41.8	65.3	42 200*	56.9	68.6	41 500b																22.0
24.0	32.7	62.6	38 700*	50.2	67.0	37 100	58.5	68.4	35 300b													24.0
26.0				42.6	65.0	33 500	51.9	66.9	31 800b													26.0
28.0				33.7	62.4	30 500	44.6	65.1	29 000	58.8	67.3	26 500b										28.0
30.0				21.7	58.4	27 800	36.1	62.6	26 500	52.2	65.9	24 200										30.0
32.0							25.2	59.1	24 400	44.9	64.1	22 300										32.0
34.0										36.5	61.7	20 600	52.1	64.4	18 600b							34.0
36.0										25.7	58.2	19 000	44.8	62.6	17 200							36.0
38.0													36.4	60.2	16 000							38.0
40.0													25.6	56.7	14 900							40.0
42.0																44.2	60.6	13 400				42.0
44.0																35.6	58.2	12 500				44.0
46.0																24.5	54.5	11 700	42.8	58.2	10 300	46.0
48.0																			22.1	51.6	9 000	48.0

#### 47.2m (155 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	68.3	73.9	52 100*b																			15.2
16.0	66.3	73.6	50 600*b																			16.0
18.0	61.0	72.5	47 000*b																			18.0
20.0	55.4	71.3	43 800*	66.8	73.1	46 700b																20.0
22.0	49.4	69.7	41 000*	61.5	72.1	41 200b																22.0
24.0	42.8	67.7	38 400*	56.0	70.9	36 900	62.9	71.9	35 000b													24.0
26.0	35.1	65.1	34 400*	50.0	69.3	33 300	57.4	70.7	31 600b													26.0
28.0	25.5	61.6	30 800*	43.5	67.4	30 300	51.5	69.2	28 800													28.0
30.0				36.0	64.9	27 700	45.1	67.4	26 300	57.6	69.7	23 900										30.0
32.0				26.7	61.5	25 500	37.9	65.1	24 200	51.8	68.2	22 000										32.0
34.0							29.2	62.0	22 300	45.4	66.4	20 300										34.0
36.0							16.6	57.0	20 700	38.3	64.1	18 900										36.0
38.0										29.6	61.0	17 500										38.0
40.0													51.7	66.7	17 000							40.0
42.0													45.4	64.9	15 700							42.0
44.0													38.2	62.6	14 700	51.2	64.8	13 100				44.0
46.0													29.5	59.5	13 700	44.8	63.0	12 200				46.0
48.0													17.2	54.7	12 800	37.5	60.6	11 400				48.0
50.0																28.7	57.4	10 700	43.6	60.5	9 300	50.0
																15.7	52.3	10 000	26.9	54.6	8 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	46 500b																20.0
22.0	54.7	73.6	40 000*	65.0	75.6	41 000b																22.0
24.0	49.3	72.0	37 700*	60.2	74.5	36 700																24.0
26.0	43.5	70.0	34 500*	55.2	73.2	33 100	61.4	74.3	31 400													26.0
28.0	36.9	67.6	30 800*	49.9	71.6	30 100	56.5	73.1	28 500													28.0
30.0	29.1	64.4	27 800*	44.1	69.7	27 600	51.3	71.5	26 100													30.0
32.0	18.3	59.6	25 000*	37.6	67.3	25 400	45.6	69.7	24 000	56.7	72.0	21 800										32.0
34.0				29.9	64.2	23 500	39.3	67.5	22 200	51.5	70.5	20 100										34.0
36.0				19.6	59.7	21 700	32.0	64.6	20 600	45.8	68.7	18 700										36.0
38.0							22.6	60.6	19 200	39.6	66.5	17 400	51.4	69.1	15 600							38.0
40.0										32.3	63.6	16 200	45.8	67.2	14 500							40.0
42.0										23.1	59.7	15 100	39.5	65.0	13 600							42.0
44.0													32.2	62.1	12 700	45.3	65.3	11 200				44.0
46.0													22.9	58.2	11 900	39.0	63.0	10 500				46.0
48.0																31.6	60.1	9 800	44.3	62.8	8 500	48.0
50.0																22.0	56.0	9 200	37.8	60.4	8 000	50.0
52.0																			30.2	57.4	7 500	52.0
54.0																			20.0	52.9	7 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	40 900b																22.0
24.0	54.2	75.9	36 600*	63.5	78.0	36 500																24.0
26.0	49.3	74.3	34 500*	59.1	76.9	32 900	64.5	77.7	31 100													26.0
28.0	44.1	72.3	30 700*	54.6	75.5	29 900	60.2	76.7	28 300													28.0
30.0	38.3	70.0	27 700*	49.8	73.9	27 400	55.8	75.4	25 900													30.0
32.0	31.6	67.0	25 200*	44.6	72.0	25 200	51.0	73.8	23 800													32.0
34.0	23.2	63.1	22 400*	38.9	69.7	23 300	45.9	72.0	22 000	56.0	74.3	19 900										34.0
36.0				32.3	66.8	21 600	40.4	69.8	20 400	51.2	72.8	18 400										36.0
38.0				24.2	63.0	20 100	34.0	67.1	19 000	46.2	71.0	17 100										38.0
40.0							26.4	63.6	17 700	40.6	68.8	15 900	51.2	71.4	14 200							40.0
42.0							15.5	58.2	16 500	34.3	66.2	14 900	46.1	69.5	13 300							42.0
44.0										26.8	62.7	14 000	40.6	67.4	12 400							44.0
46.0													34.3	64.7	11 600	45.7	67.6	10 200				46.0
48.0													26.7	61.2	10 900	40.1	65.4	9 600				48.0
50.0													16.0	55.8	10 200	33.7	62.6	9 000	44.8	65.1	7 700	50.0
52.0																25.9	59.0	8 400	39.1	62.8	7 200	52.0
54.0																14.7	53.4	7 900	24.4	60.0	6 700	54.0
56.0																						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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	74.4	83.6	47 600* <sup>b</sup>																			15.2
16.0	73.0	83.4	46 400* <sup>b</sup>																			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	40 600 <sup>b</sup>																22.0
24.0	57.9	79.6	35 800*	66.1	81.4	36 200																24.0
26.0	53.7	78.2	33 800*	62.2	80.4	32 700	67.0	81.1	30 900													26.0
28.0	49.3	76.6	31 600*	58.3	79.2	29 700	63.2	80.1	28 100													28.0
30.0	44.5	74.6	28 300*	54.1	77.8	27 200	59.3	79.0	25 700													30.0
32.0	39.4	72.4	25 300*	49.7	76.2	25 000	55.2	77.7	23 600													32.0
34.0	33.5	69.6	22 600*	45.0	74.3	23 100	50.8	76.2	21 800	59.4	78.0	19 600										34.0
36.0	26.5	66.0	20 300*	39.9	72.1	21 400	46.2	74.3	20 200	55.3	76.7	18 200										36.0
38.0	17.1	60.9	18 400*	34.1	69.4	19 900	41.2	72.2	18 800	51.0	75.1	16 900										38.0
40.0				27.3	65.9	18 600	35.6	69.6	17 500	46.4	73.3	15 800	55.3	75.2	14 000							40.0
42.0				18.2	61.0	17 400	29.1	66.4	16 400	41.5	71.2	14 700	51.0	73.7	13 000							42.0
44.0							20.8	62.0	15 300	35.9	68.6	13 800	46.4	71.9	12 200							44.0
46.0										29.4	65.4	12 900	41.4	69.7	11 400	50.6	71.7	10 000				46.0
48.0										21.3	61.1	12 100	35.8	67.2	10 700	46.0	69.9	9 300				48.0
50.0													29.4	63.9	10 100	41.0	67.7	8 700				50.0
52.0													21.1	59.6	9 500	35.3	65.1	8 200	45.2	67.4	7 000	52.0
54.0																28.8	61.8	7 700	40.1	65.2	6 500	54.0
56.0																20.3	57.3	7 200	34.3	62.5	6 100	56.0
58.0																			27.5	59.1	5 700	58.0
60.0																			18.5	54.2	5 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	75.8	86.8	46 000* <sup>b</sup>																			15.2	
16.0	74.5	86.5	44 800* <sup>b</sup>																			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	36 100																24.0	
26.0	57.2	81.9	33 000*	64.7	83.8	32 500																26.0	
28.0	53.3	80.5	31 000*	61.2	82.7	29 500	65.6	83.5	27 800													28.0	
30.0	49.3	78.9	28 200*	57.5	81.5	27 000	62.1	82.5	25 400													30.0	
32.0	44.9	77.0	25 400*	53.7	80.1	24 800	58.4	81.4	23 400													32.0	
34.0	40.3	74.7	22 800*	49.7	78.5	22 900	54.7	80.0	21 500													34.0	
36.0	35.0	72.1	20 400*	45.4	76.6	21 200	50.7	78.5	20 000	58.6	80.3	17 900										36.0	
38.0	29.0	68.8	18 400*	40.7	74.5	19 700	46.5	76.6	18 600	54.8	79.0	16 600										38.0	
40.0	21.5	64.5	16 700*	35.6	71.9	18 400	41.9	74.5	17 300	50.9	77.4	15 500										40.0	
42.0				29.7	68.7	17 200	36.9	72.1	16 200	46.7	75.6	14 500	54.8	77.5	12 800								42.0
44.0				22.4	64.5	16 200	31.2	69.0	15 200	42.1	73.5	13 600	50.8	76.0	11 900								44.0
46.0							24.4	65.1	14 200	37.2	71.1	12 700	46.6	74.2	11 100								46.0
48.0							14.7	59.3	13 400	31.5	68.1	11 900	42.1	72.1	10 500	50.5	74.0	9 100					48.0
50.0										24.7	64.2	11 200	37.1	69.6	9 800	46.2	72.2	8 500					50.0
52.0													31.4	66.6	9 200	41.7	70.1	7 900					52.0
54.0													24.6	62.7	8 700	36.6	67.6	7 500	45.5	69.8	6 300		54.0
56.0													15.1	57.0	8 100	30.9	64.5	7 000	40.9	67.6	5 800		56.0
58.0																24.0	60.6	6 600	35.7	65.0	5 500		58.0
60.0																14.0	54.5	6 100	29.9	61.8	5 100		60.0
62.0																			22.6	57.6	4 800		62.0
64.0																			11.5	50.9	4 400		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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	32 300																26.0
28.0	56.5	84.3	30 500*	63.6	86.2	29 400																28.0
30.0	53.0	82.8	28 200*	60.3	85.1	26 800	64.4	86.0	25 300													30.0
32.0	49.2	81.2	25 400*	56.9	83.9	24 700	61.1	84.9	23 200													32.0
34.0	45.3	79.3	22 800*	53.3	82.4	22 800	57.7	83.7	21 500													34.0
36.0	41.0	77.1	20 600*	49.6	80.8	21 100	54.2	82.3	19 900	61.3	83.9	17 800										36.0
38.0	36.3	74.5	18 600*	45.7	79.0	19 700	50.6	80.8	18 500	57.9	82.7	16 500										38.0
40.0	31.0	71.5	16 800*	41.4	76.8	18 400	46.7	79.0	17 200	54.4	81.3	15 400										40.0
42.0	24.7	67.6	15 300*	36.8	74.3	17 100	42.5	76.9	16 100	50.7	79.7	14 400										42.0
44.0	16.2	62.1	14 000*	31.6	71.3	16 100	38.0	74.5	15 100	46.8	77.9	13 500	54.3	79.8	11 800							44.0
46.0				25.4	67.5	15 100	32.9	71.6	14 200	42.7	75.9	12 600	50.7	78.3	11 000							46.0
48.0				17.2	62.2	14 200	27.0	68.1	13 300	38.2	73.5	11 800	46.8	76.5	10 400							48.0
50.0							19.5	63.3	12 500	33.1	70.6	11 100	42.6	74.4	9 700	50.4	76.3	8 400				50.0
52.0										27.3	67.1	10 500	38.1	72.0	9 200	46.5	74.5	7 800				52.0
54.0										19.9	62.4	9 900	33.1	69.2	8 600	42.3	72.4	7 400				54.0
56.0													27.2	65.6	8 100	37.7	70.0	6 900				56.0
58.0													19.8	60.9	7 600	32.6	67.1	6 500	41.5	69.9	5 400	58.0
60.0																26.7	63.5	6 100	36.9	67.4	5 000	60.0
62.0																19.1	58.6	5 700	31.7	64.4	4 700	62.0
64.0																3.3	48.0	5 300	25.6	60.7	4 400	64.0
66.0																			17.5	55.5	4 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	32 100																26.0
28.0	59.2	87.9	29 700*	65.6	89.6	29 100																28.0
30.0	56.0	86.6	27 800*	62.6	88.6	26 600	66.4	89.3	25 100													30.0
32.0	52.7	85.1	25 200*	59.5	87.5	24 400	63.4	88.4	23 000													32.0
34.0	49.2	83.5	22 800*	56.4	86.2	22 600	60.3	87.3	21 200													34.0
36.0	45.5	81.6	20 600*	53.0	84.8	20 900	57.2	86.0	19 600													36.0
38.0	41.6	79.4	18 700*	49.6	83.1	19 400	53.9	84.6	18 200	60.4	86.2	16 300										38.0
40.0	37.3	77.0	17 000*	45.9	81.3	18 100	50.4	83.1	17 000	57.3	85.0	15 100										40.0
42.0	32.6	74.1	15 400*	42.0	79.2	17 000	46.8	81.3	15 900	54.0	83.6	14 100										42.0
44.0	27.1	70.5	14 100*	37.8	76.7	15 900	43.0	79.2	14 900	50.6	82.0	13 200										44.0
46.0	20.3	65.8	12 900*	33.1	73.8	14 900	38.9	76.9	14 000	47.0	80.2	12 400	54.0	82.1	10 800							46.0
48.0				27.7	70.4	14 100	34.3	74.1	13 100	43.2	78.2	11 600	50.6	80.6	10 100							48.0
50.0				21.0	65.8	13 200	29.1	70.8	12 400	39.0	75.9	10 900	47.0	78.8	9 500							50.0
52.0							22.8	66.6	11 600	34.5	73.1	10 300	43.1	76.7	8 900	50.3	78.6	7 600				52.0
54.0							14.1	60.4	11 000	29.3	69.9	9 700	39.0	74.4	8 400	46.6	76.8	7 100				54.0
56.0										23.2	65.7	9 100	34.4	71.7	7 900	42.8	74.8	6 600				56.0
58.0													29.3	68.4	7 400	38.6	72.4	6 200	46.0	74.4	5 100	58.0
60.0													23.1	64.2	6 900	34.0	69.6	5 800	42.1	72.3	4 700	60.0
62.0													14.5	58.1	6 500	28.8	66.3	5 500	37.9	69.8	4 400	62.0
64.0																22.5	62.0	5 100	33.2	67.0	4 100	64.0
66.0																13.5	55.7	4 800	27.8	63.5	3 800	66.0
68.0																			21.2	59.0	3 600	68.0
70.0																			11.3	51.9	3 300	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	31 900																26.0
28.0	61.5	91.4	28 700*	67.4	92.9	28 900																28.0
30.0	58.6	90.2	27 200*	64.6	92.0	26 400																30.0
32.0	55.6	88.9	25 000*	61.8	91.0	24 300	65.3	91.8	22 800													32.0
34.0	52.5	87.4	22 800*	58.9	89.8	22 400	62.5	90.8	21 000													34.0
36.0	49.2	85.8	20 700*	55.9	88.5	20 700	59.6	89.6	19 400													36.0
38.0	45.8	83.9	18 900*	52.8	87.1	19 200	56.6	88.4	18 000													38.0
40.0	42.1	81.8	17 200*	49.5	85.4	18 000	53.6	86.9	16 800	59.7	88.6	14 900										40.0
42.0	38.2	79.4	15 700*	46.1	83.6	16 800	50.3	85.4	15 700	56.8	87.3	13 900										42.0
44.0	33.9	76.6	14 300*	42.5	81.5	15 700	47.0	83.6	14 700	53.7	85.9	13 000										44.0
46.0	29.0	73.2	13 100*	38.6	79.1	14 700	43.4	81.5	13 800	50.5	84.3	12 100	56.7	85.9	10 600							46.0
48.0	23.2	69.1	12 000*	34.3	76.4	13 900	39.6	79.2	12 900	47.1	82.5	11 400	53.7	84.4	9 900							48.0
50.0	15.5	63.2	11 100*	29.5	73.1	13 100	35.4	76.6	12 200	43.6	80.5	10 700	50.5	82.9	9 200							50.0
52.0				23.9	69.0	12 300	30.8	73.5	11 500	39.8	78.3	10 100	47.1	81.1	8 700							52.0
54.0				16.4	63.4	11 600	25.4	69.6	10 800	35.6	75.6	9 500	43.5	79.1	8 100	50.2	80.9	6 900				54.0
56.0							18.5	64.6	10 200	31.0	72.5	8 900	39.7	76.8	7 700	46.8	79.1	6 400				56.0
58.0										25.6	68.7	8 400	35.6	74.1	7 200	43.2	77.1	6 000				58.0
60.0										18.9	63.7	7 900	30.9	71.0	6 800	39.4	74.8	5 600	46.2	76.7	4 500	60.0
62.0													25.6	67.2	6 400	35.2	72.1	5 300	42.6	74.6	4 200	62.0
64.0													18.8	62.2	6 000	30.5	68.9	4 900	38.7	72.2	3 900	64.0
66.0																25.1	65.1	4 600	34.5	69.5	3 600	66.0
68.0																18.1	59.9	4 300	29.7	66.2	3 400	68.0
70.0																5.0	49.6	4 000	24.0	62.2	3 100	70.0
72.0																			16.6	56.7	2 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	28 700																28.0
30.0	60.8	93.8	26 500*	66.3	95.4	26 200																30.0
32.0	58.0	92.6	24 500*	63.7	94.4	24 000																32.0
34.0	55.2	91.2	22 500*	61.0	93.4	22 200	64.3	94.2	20 700													34.0
36.0	52.2	89.7	20 600*	58.3	92.2	20 500	61.7	93.1	19 200													36.0
38.0	49.2	88.1	18 800*	55.5	90.8	19 000	59.0	92.0	17 800													38.0
40.0	46.0	86.2	17 200*	52.5	89.4	17 700	56.2	90.7	16 600	61.8	92.1	14 600										40.0
42.0	42.6	84.1	15 700*	49.5	87.7	16 600	53.3	89.3	15 500	59.1	90.9	13 600										42.0
44.0	39.0	81.8	14 400*	46.3	85.9	15 500	50.3	87.7	14 500	56.3	89.7	12 700										44.0
46.0	35.0	79.1	13 200*	42.9	83.8	14 600	47.1	85.9	13 600	53.4	88.2	11 900										46.0
48.0	30.6	75.9	12 100*	39.3	81.5	13 700	43.8	83.9	12 700	50.4	86.6	11 100	56.3	88.2	9 600							48.0
50.0	25.5	72.1	11 100*	35.4	78.8	12 900	40.2	81.6	12 000	47.3	84.8	10 500	53.4	86.8	9 000							50.0
52.0	19.3	67.1	10 300*	31.1	75.7	12 100	36.4	79.0	11 300	43.9	82.9	9 800	50.4	85.2	8 400							52.0
54.0				26.1	72.0	11 400	32.2	76.1	10 600	40.4	80.6	9 200	47.2	83.4	7 900							54.0
56.0				20.0	67.2	10 800	27.4	72.5	10 000	36.6	78.1	8 700	43.9	81.4	7 400	50.1	83.2	6 200				56.0
58.0							21.6	68.0	9 400	32.4	75.1	8 200	40.4	79.1	7 000	46.9	81.4	5 700				58.0
60.0							13.7	61.6	8 900	27.6	71.6	7 700	36.5	76.6	6 500	43.6	79.4	5 300				60.0
62.0										21.9	67.1	7 300	32.3	73.6	6 100	40.1	77.1	5 000				62.0
64.0										14.1	60.8	6 800	27.6	70.1	5 800	36.2	74.6	4 700	43.0	76.9	3 600	64.0
66.0													21.8	65.6	5 400	32.0	71.5	4 400	39.4	74.6	3 300	66.0
68.0																27.1	68.0	4 100	35.5	72.0	3 100	68.0
70.0																21.3	63.4	3 800	31.2	68.9	2 800	70.0
72.0																13.1	56.8	3 500	26.2	65.1	2 600	72.0
74.0																			20.2	60.4	2 400	74.0
76.0																			11.2	53.0	2 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	28 600																28.0
30.0	62.6	97.2	25 700*	67.8	98.7	26 000																30.0
32.0	60.1	96.1	23 900*	65.3	97.8	23 900																32.0
34.0	57.5	94.9	22 000*	62.9	96.8	22 000	65.9	97.6	20 600													34.0
36.0	54.8	93.5	20 300*	60.4	95.7	20 400	63.5	96.6	19 100													36.0
38.0	52.1	92.0	18 700*	57.8	94.5	18 900	61.0	95.5	17 700													38.0
40.0	49.2	90.4	17 100*	55.1	93.2	17 600	58.4	94.3	16 400													40.0
42.0	46.2	88.5	15 700*	52.3	91.7	16 400	55.8	93.0	15 300	61.1	94.5	13 500										42.0
44.0	43.0	86.5	14 400*	49.5	90.0	15 400	53.0	91.6	14 300	58.5	93.3	12 600										44.0
46.0	39.6	84.1	13 300*	46.5	88.2	14 400	50.2	90.0	13 400	55.9	92.0	11 800										46.0
48.0	36.0	81.5	12 200*	43.3	86.1	13 600	47.2	88.2	12 600	53.2	90.5	11 000										48.0
50.0	32.0	78.5	11 200*	40.0	83.9	12 800	44.1	86.2	11 900	50.3	88.9	10 300	55.8	90.5	8 900							50.0
52.0	27.4	74.9	10 400*	36.3	81.3	12 000	40.8	84.0	11 200	47.4	87.2	9 700	53.1	89.1	8 300							52.0
54.0	22.1	70.5	9 600*	32.4	78.3	11 300	37.3	81.5	10 500	44.3	85.2	9 100	50.3	87.5	7 800							54.0
56.0	14.9	64.4	8 900*	27.9	74.8	10 700	33.4	78.6	9 900	41.0	83.0	8 600	47.3	85.7	7 300							56.0
58.0				22.7	70.5	10 100	29.1	75.2	9 400	37.4	80.5	8 100	44.2	83.7	6 800	50.0	85.5	5 600				58.0
60.0				15.8	64.6	9 600	24.1	71.2	8 800	33.6	77.6	7 600	40.9	81.5	6 400	47.1	83.7	5 200				60.0
62.0							17.7	65.8	8 400	29.3	74.3	7 200	37.4	79.0	6 000	43.9	81.7	4 900				62.0
64.0							7.0	56.3	7 900	24.3	70.3	6 800	33.5	76.1	5 700	40.6	79.5	4 600				64.0
66.0										18.0	65.0	6 400	29.2	72.8	5 300	37.1	77.0	4 200	43.4	79.3	3 200	66.0
68.0													24.2	68.8	5 000	33.2	74.1	4 000	40.1	77.0	3 000	68.0
70.0													18.0	63.4	4 600	28.8	70.7	3 700	36.4	74.4	2 700	70.0
72.0																23.8	66.6	3 400	32.5	71.4	2 500	72.0
74.0																17.3	61.1	3 200	28.0	68.0	2 300	74.0
76.0																5.9	51.0	2 900	22.8	63.7	2 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	25 900																30.0
32.0	61.9	99.6	23 000*	66.8	101.2	23 700																32.0
34.0	59.5	98.5	21 400*	64.5	100.2	21 800	67.4	100.9	20 400													34.0
36.0	57.1	97.2	19 900*	62.2	99.2	20 200	65.1	100.0	18 800													36.0
38.0	54.5	95.9	18 400*	59.8	98.1	18 700	62.7	99.0	17 400													38.0
40.0	51.9	94.3	17 000*	57.3	96.8	17 400	60.4	97.9	16 200													40.0
42.0	49.2	92.7	15 600*	54.8	95.5	16 200	57.9	96.7	15 100													42.0
44.0	46.3	90.8	14 400*	52.2	94.0	15 200	55.4	95.3	14 100	60.5	96.8	12 300										44.0
46.0	43.3	88.8	13 300*	49.4	92.3	14 200	52.8	93.9	13 200	58.0	95.6	11 500										46.0
48.0	40.2	86.5	12 300*	46.6	90.5	13 400	50.1	92.3	12 400	55.5	94.3	10 800										48.0
50.0	36.8	84.0	11 300*	43.6	88.5	12 600	47.3	90.5	11 600	52.9	92.8	10 100										50.0
52.0	33.1	81.0	10 400*	40.5	86.2	11 900	44.4	88.5	11 000	50.2	91.2	9 500	55.5	92.8	8 000							52.0
54.0	29.0	77.7	9 700*	37.1	83.7	11 200	41.3	86.3	10 300	47.5	89.5	8 900	52.9	91.4	7 500							54.0
56.0	24.3	73.6	9 000*	33.5	80.8	10 500	38.0	83.9	9 700	44.5	87.5	8 400	50.2	89.8	7 000							56.0
58.0	18.4	68.4	8 300*	29.4	77.5	9 900	34.4	81.1	9 200	41.4	85.3	7 900	47.4	88.0	6 600	52.7	89.4	5 300				58.0
60.0				24.8	73.5	9 400	30.5	77.9	8 700	38.1	82.9	7 400	44.5	86.0	6 200	50.0	87.8	5 000				60.0
62.0				19.1	68.5	8 900	26.0	74.1	8 200	34.6	80.1	7 000	41.4	83.8	5 800	47.2	86.0	4 600				62.0
64.0				10.8	60.8	8 400	20.7	69.4	7 700	30.7	76.9	6 600	38.1	81.4	5 400	44.2	84.1	4 300				64.0
66.0							13.3	62.7	7 300	26.2	73.2	6 200	34.5	78.6	5 100	41.1	81.9	4 000	46.7	83.6	3 000	66.0
68.0										20.9	68.5	5 800	30.6	75.5	4 700	37.8	79.4	3 700	43.7	81.6	2 700	68.0
70.0										13.7	61.9	5 500	26.2	71.7	4 500	34.2	76.6	3 500	40.6	79.3	2 500	70.0
72.0													20.8	67.0	4 200	30.3	73.4	3 200	37.2	76.8	2 200	72.0
74.0													13.6	60.4	3 900	25.8	69.6	2 900	33.6	74.0	2 000	74.0
76.0																20.3	64.8	2 700	29.6	70.7	1 800	76.0
78.0																12.8	57.9	2 500				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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	23 500																32.0
34.0	61.3	102.0	20 800*	65.9	103.6	21 600																34.0
36.0	59.0	100.8	19 500*	63.7	102.7	20 000	66.5	103.3	18 600													36.0
38.0	56.6	99.6	18 200*	61.5	101.6	18 500	64.3	102.4	17 200													38.0
40.0	54.2	98.2	16 900*	59.2	100.4	17 200	62.1	101.4	16 000													40.0
42.0	51.7	96.6	15 700*	56.9	99.2	16 100	59.8	100.3	14 900													42.0
44.0	49.2	95.0	14 500*	54.5	97.8	15 000	57.5	99.0	13 900													44.0
46.0	46.5	93.1	13 400*	52.0	96.3	14 100	55.1	97.7	13 000	59.9	99.2	11 300										46.0
48.0	43.7	91.1	12 400*	49.4	94.6	13 200	52.6	96.2	12 200	57.6	98.0	10 600										48.0
50.0	40.7	88.9	11 500*	46.7	92.8	12 400	50.1	94.6	11 400	55.2	96.6	9 900										50.0
52.0	37.5	86.4	10 600*	43.9	90.8	11 700	47.4	92.8	10 800	52.7	95.1	9 300	57.5	96.5	7 800							52.0
54.0	34.1	83.6	9 800*	41.0	88.6	11 000	44.6	90.8	10 100	50.2	93.5	8 700	55.2	95.2	7 300							54.0
56.0	30.4	80.3	9 100*	37.9	86.1	10 400	41.7	88.7	9 500	47.5	91.8	8 200	52.7	93.7	6 800							56.0
58.0	26.1	76.6	8 400*	34.5	83.3	9 800	38.6	86.3	9 000	44.8	89.8	7 700	50.1	92.1	6 400							58.0
60.0	21.1	71.9	7 900*	30.8	80.2	9 200	35.3	83.6	8 500	41.9	87.7	7 200	47.5	90.3	6 000							60.0
62.0	14.5	65.5	7 300*	26.6	76.4	8 700	31.7	80.5	8 000	38.8	85.3	6 800	44.7	88.3	5 600	49.9	90.1	4 400				62.0
64.0				21.7	71.9	8 300	27.7	76.9	7 600	35.5	82.6	6 400	41.8	86.2	5 200	47.3	88.3	4 100				64.0
66.0				15.3	65.8	7 800	23.0	72.6	7 100	31.9	79.5	6 000	38.7	83.8	4 900	44.5	86.4	3 800				66.0
68.0							17.1	67.0	6 700	27.8	76.0	5 600	35.4	81.1	4 600	41.6	84.2	3 500				68.0
70.0							7.4	57.5	6 300	23.2	71.7	5 300	31.8	78.1	4 300	38.5	81.8	3 200	44.0	83.9	2 200	70.0
72.0										17.4	66.2	5 000	27.8	74.5	4 000	35.1	79.1	3 000	41.1	81.7	2 000	72.0
74.0													23.1	70.2	3 700	31.5	76.0	2 800	37.9	79.2	1 800	74.0
76.0													17.3	64.7	3 400	27.4	72.4	2 500				76.0
78.0																22.7	68.0	2 300				78.0
80.0																16.7	62.3	2 100				80.0
82.0																6.5	52.3	1 800				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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			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	
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	21 400													34.0
36.0	60.7	104.4	18 800*	65.2	106.0	19 700													36.0
38.0	58.5	103.2	17 700*	63.1	105.1	18 300	65.7	105.8	17 000										38.0
40.0	56.3	101.9	16 500*	60.9	104.0	17 000	63.6	104.8	15 800										40.0
42.0	54.0	100.5	15 400*	58.7	102.8	15 800	61.5	103.8	14 700										42.0
44.0	51.6	98.9	14 300*	56.5	101.5	14 800	59.3	102.6	13 700										44.0
46.0	49.2	97.3	13 300*	54.2	100.1	13 800	57.1	101.3	12 800	61.5	102.7	11 100							46.0
48.0	46.6	95.4	12 300*	51.8	98.6	13 000	54.8	100.0	12 000	59.4	101.6	10 300							48.0
50.0	43.9	93.4	11 400*	49.4	96.9	12 200	52.4	98.5	11 200	57.2	100.3	9 700							50.0
52.0	41.1	91.2	10 600*	46.9	95.1	11 500	50.0	96.9	10 500	54.9	98.9	9 000							52.0
54.0	38.2	88.8	9 900*	44.2	93.1	10 800	47.5	95.1	9 900	52.5	97.5	8 500	57.1	98.8	7 000				54.0
56.0	35.0	86.0	9 100*	41.4	90.9	10 200	44.9	93.1	9 300	50.1	95.8	7 900	54.9	97.5	6 600				56.0
58.0	31.5	82.9	8 500*	38.5	88.5	9 600	42.1	91.0	8 800	47.6	94.1	7 500	52.5	96.0	6 100				58.0
60.0	27.7	79.4	7 900*	35.3	85.8	9 100	39.2	88.6	8 300	45.0	92.1	7 000	50.1	94.4	5 700				60.0
62.0	23.2	75.1	7 300*	31.9	82.8	8 500	36.1	86.0	7 800	42.2	90.0	6 500	47.6	92.6	5 300				62.0
64.0	17.8	69.6	6 800*	28.1	79.2	8 100*	32.8	83.1	7 300	39.3	87.6	6 200	45.0	90.6	5 000	49.9	92.4	3 800	64.0
66.0				23.7	75.0	7 600*	29.1	79.7	6 900	36.3	85.0	5 800	42.2	88.5	4 600	47.4	90.6	3 500	66.0
68.0				18.4	69.8	7 000*	24.9	75.7	6 500	32.9	82.1	5 400	39.3	86.2	4 300	44.7	88.7	3 300	68.0
70.0				10.7	61.8	6 500*	19.8	70.7	6 200	29.2	78.7	5 100	36.2	83.6	4 000	42.0	86.5	3 000	70.0
72.0							13.0	63.8	5 800	25.1	74.8	4 700	32.9	80.6	3 800	39.1	84.2	2 700	72.0
74.0										20.1	69.9	4 400	29.2	77.2	3 500	35.9	81.5	2 500	74.0
76.0										13.4	63.1	4 200	25.0	73.3	3 200	32.6	78.6	2 300	76.0
78.0													20.0	68.3	3 000	28.9	75.1	2 000	78.0
80.0													13.3	61.5	2 700	24.6	71.1	1 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 50.3m (165 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	65.3	73.7	52 100*b																			15.2
16.0	62.9	73.3	50 600*b																			16.0
18.0	56.6	72.1	47 000*b																			18.0
20.0	49.8	70.5	43 800*b	64.3	73.0	46 500b																20.0
22.0	42.2	68.5	41 000*	58.1	71.8	41 100b																22.0
24.0	33.2	65.8	38 500*	51.5	70.4	36 800	60.2	71.7	34 800b													24.0
26.0				44.1	68.5	33 200	53.7	70.4	31 400b													26.0
28.0				35.5	66.0	30 200	46.6	68.6	28 600	61.3	70.8	25 900b										28.0
30.0				24.4	62.4	27 600	38.5	66.4	26 200	54.9	69.5	23 700b										30.0
32.0							28.4	63.2	24 000	47.9	67.8	21 800										32.0
34.0										40.0	65.7	20 100	55.6	68.1	18 000b							34.0
36.0										30.4	62.7	18 600	48.7	66.5	16 700							36.0
38.0										16.2	57.8	17 300	41.0	64.4	15 500							38.0
40.0													31.6	61.6	14 400	49.0	64.7	12 700				40.0
42.0													18.4	57.1	13 400	41.3	62.6	11 900				42.0
44.0																32.1	59.8	11 100				44.0
46.0																			40.9	60.2	9 000	46.0
48.0																			31.5	57.4	8 400	48.0
50.0																			18.2	52.9	7 800	50.0

#### 50.3m (165 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	68.6	77.0	50 500*b																			15.2
16.0	66.6	76.7	49 100*b																			16.0
18.0	61.3	75.6	45 700*b																			18.0
20.0	55.7	74.4	42 600*	67.7	76.3	46 300b																20.0
22.0	49.7	72.8	39 900*	62.5	75.4	40 900b																22.0
24.0	43.1	70.8	37 500*	57.0	74.2	36 600	64.3	75.2	34 600b													24.0
26.0	35.6	68.3	34 600*	51.2	72.7	33 000	58.9	74.1	31 200b													26.0
28.0	26.1	64.8	30 900*	44.7	70.8	30 000	53.1	72.7	28 400													28.0
30.0				37.4	68.4	27 500	46.9	70.9	25 900	59.8	73.1	23 400b										30.0
32.0				28.6	65.2	25 300	39.9	68.8	23 900	54.1	71.8	21 500										32.0
34.0							31.7	65.9	22 000	48.0	70.1	19 800										34.0
36.0							20.7	61.7	20 400	41.2	68.0	18 400	54.8	70.4	16 400							36.0
38.0										33.3	65.3	17 100	48.8	68.8	15 200							38.0
40.0										23.0	61.4	15 900	42.0	66.8	14 100							40.0
42.0													34.3	64.1	13 200	49.0	67.0	11 600				42.0
44.0													24.4	60.4	12 400	42.3	65.0	10 800				44.0
46.0																34.6	62.3	10 100				46.0
48.0																24.8	58.7	9 500				48.0
50.0																			42.0	62.6	8 100	50.0
52.0																			34.2	60.0	7 600	52.0
																			24.3	56.2	7 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	46 100b																20.0
22.0	55.0	76.7	39 000*	65.8	78.8	40 700b																22.0
24.0	49.6	75.1	36 700*	61.1	77.7	36 400																24.0
26.0	43.8	73.2	34 500*	56.2	76.5	32 900	62.7	77.6	31 000b													26.0
28.0	37.3	70.8	30 800*	50.9	75.0	29 900	57.8	76.4	28 100													28.0
30.0	29.5	67.6	27 300*	45.2	73.1	27 300	52.7	75.0	25 800													30.0
32.0	19.0	63.0	24 400*	38.9	70.8	25 200	47.1	73.2	23 700	58.7	75.5	21 300										32.0
34.0				31.5	67.9	23 200	41.0	71.1	21 900	53.6	74.1	19 600										34.0
36.0				21.9	63.8	21 600	34.1	68.4	20 300	48.1	72.4	18 200										36.0
38.0							25.4	64.8	18 900	42.2	70.4	16 900	54.2	72.7	15 000							38.0
40.0										35.4	67.8	15 800	48.8	71.1	14 000							40.0
42.0										27.1	64.4	14 800	42.9	69.1	13 000							42.0
44.0										15.0	59.0	13 800	36.2	66.6	12 200	49.0	69.3	10 600				44.0
46.0													28.2	63.3	11 400	43.1	67.3	9 900				46.0
48.0													16.8	58.3	10 700	36.5	64.8	9 300				48.0
50.0																28.5	61.6	8 700				50.0
52.0																			42.8	64.9	7 400	52.0
54.0																			36.1	62.4	6 900	54.0
56.0																			28.1	59.1	6 500	56.0
																			16.7	54.1	6 000	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	73.0	83.5	47 500* <sup>b</sup>																			15.2
16.0	71.5	83.2	46 300* <sup>b</sup>																			16.0
18.0	67.4	82.4	43 200* <sup>b</sup>																			18.0
20.0	63.3	81.5	40 400*																			20.0
22.0	58.9	80.4	37 900*	68.4	82.1	40 500 <sup>b</sup>																22.0
24.0	54.4	79.0	35 700*	64.2	81.2	36 200																24.0
26.0	49.6	77.4	33 700*	60.0	80.1	32 600	65.6	81.0	30 700													26.0
28.0	44.4	75.5	30 700*	55.5	78.8	29 600	61.4	80.0	27 900													28.0
30.0	38.6	73.2	27 300*	50.7	77.3	27 100	57.0	78.7	25 500													30.0
32.0	32.0	70.3	24 300*	45.6	75.4	24 900	52.3	77.3	23 400													32.0
34.0	23.7	66.4	21 800*	40.0	73.2	23 100	47.3	75.5	21 700	57.7	77.8	19 400										34.0
36.0				33.6	70.5	21 400	41.9	73.5	20 100	53.1	76.4	17 900										36.0
38.0				25.9	66.9	19 900	35.8	70.9	18 700	48.2	74.7	16 700										38.0
40.0							28.6	67.7	17 500	42.9	72.7	15 500	53.7	75.0	13 600							40.0
42.0							19.0	63.0	16 300	36.9	70.2	14 500	48.8	73.4	12 700							42.0
44.0										30.0	67.1	13 600	43.5	71.4	11 900							44.0
46.0										21.0	62.8	12 700	37.7	69.0	11 200	49.0	71.6	9 600				46.0
48.0													30.8	66.0	10 500	43.7	69.6	9 000				48.0
50.0													22.2	61.9	9 800	37.9	67.2	8 400				50.0
52.0																31.1	64.2	7 900	43.5	67.3	6 600	52.0
54.0																22.6	60.2	7 400	37.6	64.9	6 200	54.0
56.0																		30.8	61.8	5 800		56.0
58.0																		22.1	57.7	5 400		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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	74.6	86.7	46 000* <sup>b</sup>																			15.2
16.0	73.2	86.4	44 900* <sup>b</sup>																			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	36 000																24.0
26.0	53.9	81.3	33 000*	62.9	83.6	32 400																26.0
28.0	49.5	79.7	30 500*	59.0	82.5	29 500	64.2	83.4	27 700													28.0
30.0	44.8	77.8	27 200*	54.9	81.1	26 900	60.3	82.3	25 300													30.0
32.0	39.7	75.5	24 400*	50.6	79.6	24 800	56.3	81.1	23 200													32.0
34.0	33.9	72.8	21 900*	45.9	77.7	22 900	52.0	79.6	21 500	61.0	81.4	19 100										34.0
36.0	27.0	69.3	19 700*	40.9	75.6	21 200	47.5	77.9	19 900	57.0	80.1	17 700										36.0
38.0	17.7	64.3	17 900*	35.3	73.0	19 700	42.6	75.8	18 500	52.8	78.7	16 400										38.0
40.0				28.7	69.7	18 400	37.2	73.4	17 300	48.3	77.0	15 300										40.0
42.0				20.2	65.1	17 200	31.0	70.3	16 100	43.5	75.0	14 300	53.3	77.3	12 500							42.0
44.0							23.3	66.3	15 100	38.2	72.7	13 400	48.8	75.7	11 700							44.0
46.0										32.1	69.7	12 600	44.0	73.7	11 000							46.0
48.0										24.8	66.0	11 800	38.8	71.4	10 300	49.0	73.9	8 800				48.0
50.0										14.2	60.1	11 100	32.9	68.6	9 600	44.2	71.9	8 200				50.0
52.0													25.7	64.9	9 100	39.0	69.6	7 700				52.0
54.0													15.8	59.5	8 500	33.1	66.8	7 200	44.0	69.6	5 900	54.0
56.0																26.1	63.2	6 800	38.8	67.3	5 500	56.0
58.0																			32.8	64.4	5 200	58.0
60.0																			25.7	60.7	4 800	60.0
62.0																			15.6	55.2	4 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
15.2	75.9	89.8	44 400* <sup>b</sup>																			15.2
16.0	74.6	89.6	43 400* <sup>b</sup>																			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	35 700																24.0
26.0	57.4	85.0	32 100*	65.4	87.0	32 100																26.0
28.0	53.5	83.6	30 100*	61.9	86.0	29 200	66.5	86.8	27 400													28.0
30.0	49.5	82.0	27 000*	58.2	84.8	26 700	63.0	85.8	25 000													30.0
32.0	45.2	80.1	24 300*	54.4	83.4	24 500	59.4	84.7	23 000													32.0
34.0	40.5	77.9	21 900*	50.4	81.9	22 700	55.7	83.4	21 200													34.0
36.0	35.3	75.3	19 700*	46.2	80.0	21 000	51.8	81.9	19 600	60.1	83.7	17 400										36.0
38.0	29.4	72.1	17 900*	41.6	77.9	19 600	47.6	80.2	18 300	56.3	82.5	16 200										38.0
40.0	22.0	67.8	16 300*	36.6	75.4	18 200	43.2	78.1	17 000	52.5	81.0	15 100										40.0
42.0				30.9	72.3	17 100	38.3	75.8	15 900	48.4	79.3	14 000										42.0
44.0				23.9	68.4	16 000	32.8	72.9	14 900	44.0	77.4	13 100	52.9	79.7	11 400							44.0
46.0							26.4	69.3	14 000	39.2	75.0	12 300	48.8	78.0	10 700							46.0
48.0							17.8	64.2	13 100	33.8	72.3	11 600	44.5	76.1	10 000							48.0
50.0										27.6	68.8	10 900	39.8	73.8	9 400	49.0	76.2	7 900				50.0
52.0										19.5	64.1	10 200	34.5	71.1	8 800	44.7	74.3	7 400				52.0
54.0													28.4	67.7	8 300	39.9	72.0	6 900				54.0
56.0													20.6	63.2	7 800	34.7	69.3	6 500	44.4	71.9	5 300	56.0
58.0																28.6	66.0	6 100	39.7	69.6	4 900	58.0
60.0																21.0	61.5	5 700	34.4	66.9	4 600	60.0
62.0																			28.3	63.6	4 200	62.0
64.0																			20.5	59.0	3 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	32 100																26.0
28.0	56.7	87.4	29 500*	64.2	89.4	29 100																28.0
30.0	53.2	85.9	26 700*	60.9	88.4	26 600	65.2	89.2	24 900													30.0
32.0	49.4	84.3	24 100*	57.5	87.1	24 400	62.0	88.2	22 900													32.0
34.0	45.5	82.4	21 800*	54.0	85.7	22 600	58.7	87.0	21 100													34.0
36.0	41.2	80.3	19 800*	50.3	84.2	20 900	55.2	85.7	19 600													36.0
38.0	36.6	77.7	18 000*	46.4	82.3	19 500	51.6	84.2	18 200	59.2	86.1	16 100										38.0
40.0	31.3	74.7	16 300*	42.2	80.3	18 200	47.7	82.5	17 000	55.8	84.8	14 900										40.0
42.0	25.1	70.9	14 900*	37.7	77.8	17 000	43.6	80.5	15 900	52.2	83.3	14 000										42.0
44.0	16.7	65.5	13 600*	32.6	74.9	15 900	39.2	78.2	14 800	48.4	81.6	13 100										44.0
46.0				26.6	71.3	15 000	34.3	75.4	13 900	44.4	79.7	12 200	52.6	82.0	10 600							46.0
48.0				19.0	66.4	14 000	28.7	72.1	13 100	40.0	77.4	11 500	48.8	80.3	9 900							48.0
50.0							21.8	67.7	12 300	35.2	74.8	10 800	44.8	78.4	9 300							50.0
52.0										29.7	71.6	10 200	40.5	76.2	8 700	49.0	78.5	7 300				52.0
54.0										23.1	67.4	9 600	35.8	73.6	8 200	45.0	76.6	6 800				54.0
56.0													13.6	61.2	9 000	30.4	70.4	7 700	40.7	74.4	6 400	56.0
58.0																24.0	66.4	7 200	36.0	71.8	6 000	58.0
60.0																15.0	60.6	6 800	30.6	68.7	5 600	60.0
62.0																			24.2	64.7	5 300	62.0
64.0																			15.5	59.0	4 900	64.0
66.0																						66.0
68.0																			23.9	62.3	3 600	68.0
																			14.9	56.4	3 300	

# 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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	31 800																26.0
28.0	59.4	91.0	28 600*	66.2	92.8	28 900																28.0
30.0	56.2	89.7	26 400*	63.2	91.8	26 400																30.0
32.0	52.9	88.2	24 000*	60.1	90.7	24 200	64.2	91.6	22 600													32.0
34.0	49.4	86.6	21 900*	57.0	89.5	22 300	61.1	90.6	20 900													34.0
36.0	45.7	84.7	19 800*	53.7	88.1	20 700	58.0	89.4	19 300													36.0
38.0	41.8	82.6	18 100*	50.2	86.5	19 200	54.8	88.0	17 900													38.0
40.0	37.6	80.2	16 400*	46.6	84.7	18 000	51.4	86.5	16 700	58.5	88.4	14 700										40.0
42.0	32.8	77.3	15 000*	42.8	82.6	16 800	47.8	84.8	15 600	55.3	87.1	13 700										42.0
44.0	27.4	73.7	13 700*	38.6	80.2	15 700	44.0	82.8	14 600	52.0	85.6	12 800										44.0
46.0	20.7	69.1	12 600*	34.0	77.4	14 800	40.0	80.5	13 700	48.4	83.9	12 000	55.7	85.7	10 300							46.0
48.0				28.8	74.1	13 900	35.5	77.9	12 900	44.7	82.0	11 200	52.4	84.3	9 600							48.0
50.0				22.4	69.8	13 100	30.6	74.8	12 200	40.7	79.8	10 600	48.9	82.6	9 000							50.0
52.0							24.6	70.8	11 400	36.4	77.2	10 000	45.2	80.7	8 500	52.5	82.4	7 000				52.0
54.0							16.9	65.4	10 800	31.5	74.2	9 400	41.2	78.5	8 000	49.0	80.8	6 600				54.0
56.0										25.8	70.4	8 800	36.9	76.0	7 500	45.3	78.9	6 200				56.0
58.0										18.5	65.4	8 300	32.1	73.0	7 000	41.4	76.7	5 700				58.0
60.0													26.5	69.4	6 600	37.1	74.2	5 400				60.0
62.0													19.4	64.5	6 200	32.3	71.3	5 000	45.1	76.5	4 200	62.0
64.0													7.3	55.8	5 800	26.7	67.7	4 700	41.1	74.4	3 900	64.0
66.0																19.8	62.9	4 400	36.8	71.8	3 600	66.0
68.0																			26.4	65.2	3 100	68.0
70.0																			19.3	60.3	2 800	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	31 600																26.0
28.0	61.6	94.5	27 900*	67.9	96.1	28 600																28.0
30.0	58.7	93.3	25 800*	65.1	95.2	26 200																30.0
32.0	55.7	92.0	23 600*	62.3	94.2	24 000																32.0
34.0	52.6	90.5	21 600*	59.4	93.1	22 100	63.2	94.0	20 600													34.0
36.0	49.4	88.9	19 800*	56.4	91.8	20 500	60.4	92.9	19 100													36.0
38.0	46.0	87.0	18 000*	53.4	90.4	19 100	57.4	91.7	17 700													38.0
40.0	42.3	85.0	16 500*	50.2	88.8	17 800	54.4	90.3	16 500	60.9	92.0	14 500										40.0
42.0	38.4	82.6	15 100*	46.8	87.0	16 600	51.2	88.8	15 400	57.9	90.8	13 500										42.0
44.0	34.1	79.8	13 800*	43.2	84.9	15 600	47.9	87.1	14 400	54.9	89.4	12 600										44.0
46.0	29.3	76.5	12 700*	39.4	82.6	14 600	44.4	85.1	13 500	51.8	87.9	11 800										46.0
48.0	23.6	72.4	11 700*	35.2	79.9	13 700	40.6	82.9	12 700	48.5	86.2	11 000	55.3	88.1	9 400							48.0
50.0	16.0	66.7	10 800*	30.5	76.8	12 900	36.6	80.3	11 900	45.0	84.3	10 400	52.1	86.6	8 800							50.0
52.0				25.0	72.9	12 200	32.1	77.4	11 300	41.3	82.1	9 700	48.9	84.9	8 200							52.0
54.0				18.0	67.7	11 500	26.9	73.7	10 600	37.3	79.6	9 200	45.4	83.0	7 700							54.0
56.0							20.6	69.1	10 000	32.9	76.7	8 600	41.7	80.9	7 300	49.0	83.1	5 900				56.0
58.0										27.9	73.3	8 100	37.8	78.4	6 800	45.6	81.2	5 500				58.0
60.0										21.8	68.8	7 700	33.4	75.6	6 400	41.9	79.1	5 200				60.0
62.0										13.2	62.3	7 200	28.5	72.2	6 000	38.0	76.6	4 800	45.4	78.8	3 600	62.0
64.0													22.6	67.9	5 600	33.6	73.8	4 500	41.7	76.7	3 400	64.0
66.0													14.4	61.7	5 300	28.7	70.4	4 200	37.7	74.3	3 100	66.0
68.0																22.8	66.2	3 900	33.4	71.4	2 900	68.0
70.0																14.9	60.2	3 600	28.4	68.0	2 600	70.0
72.0																			22.5	63.7	2 400	72.0
74.0																			14.3	57.5	2 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	28 400																28.0
30.0	60.9	96.9	24 900*	66.8	98.6	25 900																30.0
32.0	58.2	95.7	23 000*	64.2	97.6	23 800																32.0
34.0	55.3	94.3	21 300*	61.5	96.6	21 900	65.0	97.4	20 400													34.0
36.0	52.4	92.9	19 500*	58.8	95.4	20 300	62.4	96.4	18 900													36.0
38.0	49.4	91.2	17 900*	56.0	94.1	18 800	59.7	95.3	17 500													38.0
40.0	46.2	89.4	16 400*	53.1	92.7	17 500	56.9	94.1	16 300													40.0
42.0	42.8	87.3	15 100*	50.1	91.1	16 400	54.1	92.7	15 200	60.2	94.4	13 200										42.0
44.0	39.2	84.9	13 800*	46.9	89.3	15 300	51.1	91.1	14 200	57.4	93.1	12 300										44.0
46.0	35.2	82.3	12 700*	43.6	87.2	14 400	48.0	89.4	13 300	54.6	91.7	11 500										46.0
48.0	30.9	79.1	11 700*	40.0	85.0	13 500	44.7	87.4	12 500	51.6	90.2	10 800										48.0
50.0	25.8	75.4	10 800*	36.2	82.4	12 700	41.2	85.2	11 800	48.5	88.5	10 100	54.9	90.4	8 500							50.0
52.0	19.6	70.5	10 000*	31.9	79.4	12 000	37.5	82.8	11 000	45.3	86.6	9 500	51.9	88.9	8 000							52.0
54.0				27.1	75.8	11 300	33.4	79.9	10 400	41.8	84.5	8 900	48.9	87.2	7 500							54.0
56.0				21.2	71.2	10 700	28.7	76.5	9 800	38.1	82.1	8 400	45.7	85.3	7 000							56.0
58.0							23.3	72.3	9 300	34.1	79.3	7 900	42.2	83.2	6 600	49.0	85.4	5 200				58.0
60.0							16.2	66.6	8 700	29.6	76.0	7 400	38.6	80.8	6 100	45.8	83.5	4 900				60.0
62.0										24.3	72.0	7 000	34.6	78.1	5 700	42.4	81.4	4 600				62.0
64.0										17.6	66.6	6 600	30.1	74.9	5 400	38.7	79.0	4 200				64.0
66.0													25.0	71.0	5 000	34.8	76.3	3 900	42.2	79.0	2 800	66.0
68.0													18.5	65.8	4 700	30.3	73.1	3 600	38.5	76.7	2 600	68.0
70.0													7.8	56.9	4 400	25.2	69.2	3 400	34.5	73.9	2 400	70.0
72.0																18.8	64.2	3 100	30.1	70.7	2 100	72.0
74.0																			24.9	66.8	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 50.3m (165 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.	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	
19.8	74.9	104.4	31 100*																			19.8
20.0	74.7	104.3	31 000*																			20.0
22.0	72.4	103.7	29 900*																			22.0
24.0	70.0	103.0	28 600*																			24.0
26.0	67.7	102.2	27 200*																			26.0
28.0	65.2	101.3	25 600*																			28.0
30.0	62.8	100.3	24 000*	68.2	101.9	25 800																30.0
32.0	60.2	99.2	22 400*	65.8	101.0	23 600																32.0
34.0	57.6	98.0	20 800*	63.3	100.0	21 800	66.6	100.8	20 300													34.0
36.0	55.0	96.7	19 200*	60.8	99.0	20 200	64.1	99.9	18 700													36.0
38.0	52.2	95.2	17 700*	58.3	97.8	18 700	61.7	98.8	17 300													38.0
40.0	49.3	93.5	16 300*	55.6	96.4	17 400	59.1	97.7	16 200													40.0
42.0	46.3	91.7	15 000*	52.9	95.0	16 300	56.5	96.4	15 100													42.0
44.0	43.2	89.6	13 800*	50.0	93.4	15 200	53.8	95.0	14 100	59.5	96.7	12 200										44.0
46.0	39.8	87.3	12 700*	47.0	91.6	14 300	51.0	93.4	13 200	56.9	95.5	11 400										46.0
48.0	36.2	84.7	11 700*	43.9	89.6	13 400	48.0	91.7	12 400	54.2	94.1	10 700										48.0
50.0	32.2	81.7	10 900*	40.6	87.3	12 600	45.0	89.7	11 600	51.4	92.5	10 000										50.0
52.0	27.7	78.2	10 000*	37.0	84.8	11 900	41.7	87.6	11 000	48.5	90.8	9 400	54.6	92.7	7 800							52.0
54.0	22.4	73.8	9 300*	33.1	81.9	11 200	38.2	85.2	10 300	45.5	88.9	8 800	51.8	91.2	7 300							54.0
56.0	15.4	67.8	8 600*	28.8	78.5	10 600	34.5	82.4	9 700	42.3	86.8	8 300	48.9	89.5	6 900							56.0
58.0				23.7	74.4	10 000	30.3	79.2	9 200	38.8	84.4	7 800	45.9	87.6	6 400	51.9	89.3	5 100				58.0
60.0				17.3	68.9	9 500	25.5	75.3	8 700	35.1	81.7	7 300	42.7	85.5	6 100	49.0	87.7	4 700				60.0
62.0							19.6	70.4	8 200	31.0	78.6	6 900	39.3	83.2	5 700	46.0	85.8	4 400				62.0
64.0							10.9	62.9	7 700	26.4	74.9	6 500	35.6	80.5	5 300	42.8	83.7	4 100				64.0
66.0										20.7	70.2	6 100	31.5	77.5	5 000	39.4	81.4	3 800	45.8	83.5	2 700	66.0
68.0										12.9	63.4	5 700	26.9	73.8	4 700	35.7	78.8	3 500	42.6	81.4	2 500	68.0
70.0													21.4	69.3	4 300	31.7	75.7	3 300	39.2	79.0	2 200	70.0
72.0													14.0	62.9	4 000	27.1	72.1	3 000	35.5	76.4	2 000	72.0
74.0																21.7	67.6	2 800	31.5	73.3	1 800	74.0
76.0																14.4	61.3	2 600				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 50.3m (165 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
19.8	75.8	107.5	28 800*																			19.8
20.0	75.6	107.5	28 700*																			20.0
22.0	73.4	106.9	27 800*																			22.0
24.0	71.2	106.3	26 700*																			24.0
26.0	69.0	105.5	25 600*																			26.0
28.0	66.7	104.7	24 300*																			28.0
30.0	64.4	103.8	23 000*	69.5	105.2	25 500																30.0
32.0	62.0	102.7	21 500*	67.2	104.3	23 400																32.0
34.0	59.6	101.6	20 200*	64.9	103.4	21 600																34.0
36.0	57.2	100.3	18 800*	62.6	102.4	19 900	65.7	103.2	18 500													36.0
38.0	54.7	99.0	17 400*	60.2	101.3	18 500	63.4	102.3	17 100													38.0
40.0	52.0	97.5	16 100*	57.8	100.1	17 200	61.0	101.2	15 900													40.0
42.0	49.3	95.8	14 900*	55.2	98.8	16 100	58.6	100.0	14 800													42.0
44.0	46.5	94.0	13 800*	52.6	97.3	15 000	56.1	98.7	13 800	61.4	100.2	11 900										44.0
46.0	43.5	91.9	12 700*	50.0	95.7	14 100	53.5	97.3	13 000	59.0	99.1	11 100										46.0
48.0	40.4	89.7	11 800*	47.2	93.9	13 200	50.8	95.7	12 200	56.5	97.8	10 400										48.0
50.0	37.0	87.1	10 900*	44.2	91.9	12 400	48.1	94.0	11 400	54.0	96.4	9 700										50.0
52.0	33.3	84.3	10 000*	41.1	89.7	11 700	45.2	92.0	10 700	51.3	94.8	9 100	56.8	96.4	7 600							52.0
54.0	29.2	80.9	9 300*	37.8	87.2	11 000	42.1	89.9	10 100	48.6	93.1	8 600	54.3	95.0	7 100							54.0
56.0	24.6	76.9	8 600*	34.2	84.4	10 400	38.9	87.5	9 500	45.7	91.2	8 000	51.6	93.5	6 600							56.0
58.0	18.8	71.8	8 000*	30.2	81.2	9 800	35.4	84.9	9 000	42.7	89.1	7 500	48.9	91.8	6 200							58.0
60.0				25.7	77.4	9 300	31.6	81.8	8 500	39.5	86.8	7 100	46.0	89.9	5 800	51.7	91.6	4 500				60.0
62.0				20.3	72.6	8 800	27.3	78.2	8 000	36.0	84.2	6 700	43.0	87.9	5 400	49.0	90.0	4 100				62.0
64.0				12.7	65.6	8 300	22.2	73.8	7 500	32.3	81.2	6 300	39.9	85.6	5 100	46.1	88.1	3 900				64.0
66.0							15.6	67.8	7 100	28.1	77.7	5 900	36.4	83.0	4 700	43.2	86.1	3 600				66.0
68.0										23.1	73.5	5 600	32.7	80.0	4 400	40.0	83.8	3 300	46.0	85.8	2 200	68.0
70.0										16.9	67.8	5 200	28.6	76.6	4 100	36.6	81.2	3 000	43.0	83.7	2 000	70.0
72.0													23.8	72.5	3 800	32.9	78.3	2 800				72.0
74.0													17.8	67.1	3 600	28.7	74.9	2 500				74.0
76.0													8.1	58.1	3 300	24.0	70.8	2 300				76.0
78.0																18.0	65.4	2 100				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 50.3m (165 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			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	
21.3	75.0	110.3	25 600*																21.3
22.0	74.3	110.1	25 500*																22.0
24.0	72.2	109.5	24 900*																24.0
26.0	70.1	108.8	24 000*																26.0
28.0	68.0	108.0	23 100*																28.0
30.0	65.8	107.1	22 000*																30.0
32.0	63.6	106.2	20 800*	68.5	107.6	21 900*													32.0
34.0	61.4	105.1	19 600*	66.3	106.8	21 300*													34.0
36.0	59.1	104.0	18 400*	64.2	105.9	19 800													36.0
38.0	56.8	102.7	17 200*	61.9	104.8	18 300	64.9	105.7	16 900										38.0
40.0	54.4	101.3	16 000*	59.7	103.7	17 000	62.7	104.7	15 700										40.0
42.0	51.9	99.8	14 900*	57.3	102.4	15 900	60.4	103.6	14 600										42.0
44.0	49.3	98.1	13 800*	54.9	101.1	14 800	58.1	102.4	13 600										44.0
46.0	46.6	96.3	12 800*	52.5	99.6	13 900	55.7	101.0	12 800	60.8	102.6	10 900							46.0
48.0	43.8	94.3	11 900*	49.9	98.0	13 000	53.3	99.6	11 900	58.5	101.4	10 200							48.0
50.0	40.9	92.0	11 000*	47.3	96.2	12 200	50.7	98.0	11 200	56.1	100.1	9 500							50.0
52.0	37.7	89.6	10 200*	44.5	94.2	11 500	48.1	96.3	10 500	53.7	98.7	8 900							52.0
54.0	34.3	86.8	9 500*	41.6	92.0	10 800	45.4	94.4	9 900	51.2	97.1	8 400	56.4	98.7	6 900				54.0
56.0	30.6	83.6	8 800*	38.5	89.6	10 200	42.5	92.3	9 300	48.6	95.4	7 900	54.0	97.3	6 400				56.0
58.0	26.4	79.8	8 100*	35.1	86.9	9 700	39.5	89.9	8 800	45.9	93.5	7 400	51.5	95.8	6 000				58.0
60.0	21.4	75.2	7 600*	31.5	83.8	9 100	36.2	87.3	8 300	43.0	91.5	6 900	48.9	94.1	5 600				60.0
62.0	14.9	69.0	7 100*	27.4	80.2	8 600	32.7	84.4	7 800	40.0	89.2	6 500	46.2	92.2	5 200	51.6	94.0	3 900	62.0
64.0				22.6	75.8	8 200	28.8	80.9	7 400	36.8	86.6	6 100	43.4	90.2	4 800	49.0	92.3	3 600	64.0
66.0				16.6	70.1	7 700	24.3	76.9	7 000	33.3	83.7	5 700	40.4	87.9	4 500	46.3	90.4	3 300	66.0
68.0							18.8	71.7	6 600	29.5	80.4	5 400	37.2	85.4	4 200	43.5	88.4	3 100	68.0
70.0							10.9	63.9	6 200	25.1	76.5	5 000	33.7	82.6	3 900	40.5	86.1	2 800	70.0
72.0										19.9	71.6	4 700	30.0	79.3	3 700	37.3	83.6	2 600	72.0
74.0										12.6	64.5	4 400	25.7	75.4	3 400	33.9	80.8	2 300	74.0
76.0													20.5	70.7	3 100	30.1	77.5	2 100	76.0
78.0													13.6	64.0	2 900	25.8	73.7	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 50.3m (165 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			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	
21.3	75.8	113.4	23 200*																21.3
22.0	75.1	113.3	23 100*																22.0
24.0	73.1	112.7	23 000*																24.0
26.0	71.2	112.0	22 400*																26.0
28.0	69.2	111.3	21 600*																28.0
30.0	67.1	110.5	20 700*																30.0
32.0	65.1	109.6	19 700*																32.0
34.0	63.0	108.6	18 700*	67.6	110.1	21 300													34.0
36.0	60.8	107.5	17 700*	65.5	109.2	19 500													36.0
38.0	58.6	106.3	16 600*	63.5	108.3	18 100	66.2	109.0	16 700										38.0
40.0	56.4	105.0	15 600*	61.3	107.2	16 800	64.1	108.1	15 500										40.0
42.0	54.1	103.6	14 500*	59.1	106.0	15 700	62.0	107.1	14 400										42.0
44.0	51.7	102.1	13 600*	56.9	104.8	14 600	59.9	105.9	13 400										44.0
46.0	49.3	100.4	12 700*	54.6	103.4	13 700	57.7	104.7	12 500	62.4	106.1	10 700							46.0
48.0	46.7	98.6	11 800*	52.3	101.9	12 800	55.4	103.4	11 700	60.2	105.0	9 900							48.0
50.0	44.1	96.6	10 900*	49.9	100.3	12 000	53.1	101.9	11 000	58.0	103.8	9 300							50.0
52.0	41.3	94.4	10 200*	47.3	98.5	11 300	50.7	100.3	10 300	55.8	102.4	8 700							52.0
54.0	38.3	92.0	9 400*	44.7	96.5	10 700	48.2	98.6	9 700	53.5	101.0	8 100							54.0
56.0	35.2	89.2	8 800*	42.0	94.4	10 000	45.6	96.7	9 100	51.1	99.4	7 600	56.0	101.1	6 100				56.0
58.0	31.7	86.2	8 200*	39.0	92.0	9 400	42.9	94.6	8 600	48.6	97.7	7 100	53.7	99.6	5 700				58.0
60.0	27.9	82.6	7 600*	35.9	89.4	8 900	40.0	92.3	8 100	46.0	95.9	6 700	51.4	98.1	5 300				60.0
62.0	23.5	78.4	7 100*	32.5	86.4	8 400	37.0	89.7	7 600	43.3	93.8	6 300	48.9	96.4	4 900				62.0
64.0	18.1	73.0	6 600*	28.8	83.0	8 000	33.7	86.9	7 200	40.5	91.5	5 900	46.3	94.5	4 600				64.0
66.0				24.6	78.9	7 500	30.1	83.6	6 800	37.5	89.0	5 500	43.7	92.5	4 300	49.0	94.6	3 100	66.0
68.0				19.5	73.9	7 100*	26.0	79.8	6 400	34.3	86.2	5 200	40.8	90.3	4 000	46.4	92.7	2 800	68.0
70.0				12.5	66.7	6 600*	21.3	75.2	6 000	30.7	83.1	4 800	37.9	87.8	3 700	43.8	90.7	2 500	70.0
72.0							15.1	68.9	5 600	26.8	79.4	4 500	34.6	85.1	3 400	41.0	88.5	2 300	72.0
74.0										22.2	74.9	4 200	31.2	81.9	3 200	38.0	86.0	2 100	74.0
76.0										16.4	69.0	3 900	27.3	78.3	2 900	34.8	83.3	1 900	76.0
78.0													22.7	73.9	2 700				78.0
80.0													17.1	68.3	2 400				80.0
82.0													8.3	59.2	2 200				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 53.3m (175 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	
16.8	60.8	75.9	48 300*b																			16.8
18.0	57.0	75.2	46 200*b																			18.0
20.0	50.2	73.6	43 100*b																			20.0
22.0	42.7	71.7	40 500*	59.3	75.1	40 900b																22.0
24.0	33.8	69.0	38 100*	52.8	73.7	36 500b	61.8	75.0	34 400b													24.0
26.0				45.5	71.9	33 000	55.5	73.8	31 000b													26.0
28.0				37.2	69.5	30 000	48.6	72.1	28 200b													28.0
30.0				26.8	66.2	27 400	40.8	70.0	25 800	57.4	73.0	23 100b										30.0
32.0				7.0	59.1	25 100	31.4	67.2	23 700	50.7	71.5	21 200b										32.0
34.0										43.2	69.5	19 600										34.0
36.0										34.5	66.9	18 200	52.4	70.2	16 000							36.0
38.0										22.9	63.1	16 900	45.1	68.4	14 900							38.0
40.0													36.8	66.0	13 900							40.0
42.0													26.1	62.6	12 900							42.0
44.0																46.4	66.8	11 200				44.0
46.0																38.2	64.5	10 500				46.0
48.0																28.1	61.3	9 800	46.9	64.5	8 300	48.0
50.0																			28.9	59.2	7 200	50.0

#### 53.3m (175 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	
16.8	64.8	79.4	46 900*b																			16.8
18.0	61.6	78.8	44 900*b																			18.0
20.0	56.0	77.5	41 900*b																			20.0
22.0	50.1	75.9	39 400*	63.5	78.6	40 600b																22.0
24.0	43.5	74.0	37 100*	58.1	77.4	36 300b																24.0
26.0	36.0	71.5	34 000*	52.3	76.0	32 800	60.3	77.4	30 700b													26.0
28.0	26.7	68.1	30 100*	46.0	74.2	29 800	54.7	76.1	28 000													28.0
30.0				38.9	71.9	27 300	48.6	74.4	25 600													30.0
32.0				30.4	68.9	25 100	41.9	72.4	23 500	56.4	75.3	21 000										32.0
34.0				18.7	64.4	23 100	34.1	69.7	21 700	50.5	73.8	19 400										34.0
36.0							24.1	66.0	20 200	44.0	71.8	17 900										36.0
38.0										36.6	69.4	16 700	52.0	72.5	14 600							38.0
40.0										27.5	66.1	15 500	45.6	70.7	13 600							40.0
42.0													38.5	68.4	12 700							42.0
44.0													29.9	65.4	11 900							44.0
46.0																46.7	69.1	10 200				46.0
48.0																39.7	66.9	9 500				48.0
50.0																31.5	64.0	8 900				50.0
52.0																20.3	59.7	8 300				52.0
54.0																			40.2	64.7	6 900	54.0
																			32.1	61.8	6 500	
																			21.2	57.7	6 000	

# 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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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 CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
16.8	67.7	82.7	45 600* <sup>b</sup>																			16.8
18.0	65.0	82.2	43 700* <sup>b</sup>																			18.0
20.0	60.2	81.1	40 900* <sup>b</sup>																			20.0
22.0	55.3	79.8	38 400*	66.7	82.0	40 400 <sup>b</sup>																22.0
24.0	49.9	78.2	36 100*	62.0	81.0	36 100																24.0
26.0	44.2	76.3	33 700*	57.1	79.8	32 600	63.9	80.9	30 600 <sup>b</sup>													26.0
28.0	37.7	73.9	29 800*	51.9	78.3	29 600	59.1	79.7	27 800													28.0
30.0	30.0	70.9	26 600*	46.3	76.5	27 100	54.1	78.4	25 400													30.0
32.0	19.7	66.4	23 800*	40.1	74.3	24 900	48.7	76.7	23 400													32.0
34.0				33.0	71.5	23 100	42.7	74.7	21 600	55.6	77.6	19 100										34.0
36.0				24.0	67.7	21 400	36.0	72.2	20 000	50.3	76.1	17 800										36.0
38.0				7.9	60.3	19 800	27.9	68.9	18 600	44.6	74.2	16 500										38.0
40.0										38.2	71.8	15 400	51.6	74.8	13 400							40.0
42.0										30.6	68.8	14 400	46.0	73.0	12 500							42.0
44.0										20.6	64.5	13 400	39.8	70.8	11 700							44.0
46.0													32.6	68.0	11 000	47.0	71.4	9 300				46.0
48.0													23.4	64.1	10 300	40.9	69.2	8 700				48.0
50.0																33.8	66.5	8 100				50.0
52.0																25.1	62.9	7 700				52.0
54.0																			41.3	67.0	6 300	54.0
56.0																			34.4	64.4	5 900	56.0
																			25.8	60.8	5 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	40 200b																22.0
24.0	54.6	82.1	35 200*	65.0	84.4	35 900																24.0
26.0	49.8	80.5	33 200*	60.8	83.3	32 400	66.7	84.2	30 300b													26.0
28.0	44.7	78.6	29 600*	56.3	82.1	29 400	62.5	83.3	27 500													28.0
30.0	38.9	76.3	26 400*	51.6	80.6	26 900	58.2	82.1	25 100													30.0
32.0	32.4	73.5	23 600*	46.6	78.8	24 800	53.6	80.7	23 100													32.0
34.0	24.2	69.6	21 200*	41.1	76.7	22 900	48.7	79.0	21 400	59.5	81.3	18 800										34.0
36.0				34.9	74.0	21 200	43.4	77.1	19 800	55.0	79.9	17 500										36.0
38.0				27.5	70.6	19 700	37.5	74.7	18 400	50.2	78.4	16 200										38.0
40.0				17.2	65.6	18 400	30.7	71.6	17 200	45.1	76.5	15 100	56.1	78.7	13 100							40.0
42.0							21.9	67.4	16 000	39.4	74.2	14 100	51.4	77.1	12 200							42.0
44.0										32.9	71.4	13 200	46.3	75.4	11 400							44.0
46.0										24.9	67.7	12 400	40.8	73.2	10 700	52.2	75.4	9 000				46.0
48.0													34.5	70.5	10 000	47.2	73.7	8 400				48.0
50.0													27.0	67.1	9 400	41.7	71.6	7 900				50.0
52.0																35.6	69.0	7 300	47.5	71.4	5 900	52.0
54.0																28.4	65.7	6 900	42.1	69.4	5 500	54.0
56.0																18.7	61.0	6 400	36.1	66.8	5 200	56.0
58.0																			28.9	63.6	4 800	58.0
60.0																			19.5	59.0	4 500	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	72.0	89.3	42 900* <sup>b</sup>																			16.8
18.0	69.8	88.8	41 200* <sup>b</sup>																			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	35 700																24.0
26.0	54.1	84.4	32 400*	63.7	86.8	32 100																26.0
28.0	49.8	82.8	29 400*	59.8	85.7	29 200	65.2	86.7	27 300													28.0
30.0	45.1	81.0	26 300*	55.7	84.4	26 700	61.4	85.6	24 900													30.0
32.0	39.9	78.7	23 600*	51.4	82.9	24 500	57.4	84.4	22 900													32.0
34.0	34.2	76.0	21 200*	46.8	81.1	22 700	53.2	83.0	21 100													34.0
36.0	27.4	72.6	19 200*	41.9	79.0	21 000	48.7	81.3	19 600	58.6	83.6	17 200										36.0
38.0	18.3	67.7	17 400*	36.4	76.5	19 600	43.9	79.4	18 200	54.5	82.2	16 000										38.0
40.0				30.0	73.4	18 300	38.7	77.1	17 000	50.1	80.7	14 900										40.0
42.0				22.0	69.2	17 100	32.7	74.2	15 900	45.4	78.8	13 900	55.5	81.0	12 000							42.0
44.0				8.4	61.4	15 900	25.6	70.5	14 900	40.3	76.6	13 000	51.2	79.5	11 200							44.0
46.0										34.6	73.9	12 200	46.6	77.7	10 500							46.0
48.0										27.9	70.5	11 500	41.6	75.5	9 800							48.0
50.0										19.1	65.8	10 800	36.1	73.0	9 200	47.4	76.0	7 600				50.0
52.0													29.7	69.8	8 600	42.5	73.9	7 100				52.0
54.0													21.5	65.5	8 100	37.0	71.5	6 700				54.0
56.0																30.8	68.4	6 200	42.8	71.7	5 000	56.0
58.0																23.1	64.4	5 800	37.4	69.3	4 600	58.0
60.0																			31.2	66.3	4 300	60.0
62.0																			23.7	62.3	4 000	62.0
64.0																			12.1	55.8	3 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	31 900																26.0
28.0	53.7	86.8	28 900*	62.5	89.2	29 000																28.0
30.0	49.7	85.1	26 000*	58.9	88.1	26 500	63.9	89.1	24 700													30.0
32.0	45.4	83.3	23 500*	55.1	86.7	24 300	60.4	88.0	22 600													32.0
34.0	40.8	81.1	21 200*	51.2	85.2	22 500	56.7	86.8	20 900													34.0
36.0	35.6	78.5	19 100*	47.0	83.4	20 800	52.8	85.3	19 400													36.0
38.0	29.7	75.3	17 400*	42.5	81.4	19 400	48.7	83.6	18 000	57.8	85.9	15 700										38.0
40.0	22.4	71.1	15 800*	37.6	78.9	18 100	44.4	81.7	16 800	54.0	84.6	14 600										40.0
42.0				32.0	76.0	16 900	39.6	79.4	15 700	50.0	83.0	13 600										42.0
44.0				25.3	72.2	15 800	34.4	76.7	14 700	45.7	81.1	12 800	54.9	83.3	10 900							44.0
46.0				16.2	66.8	14 800	28.2	73.3	13 800	41.1	78.9	12 000	51.0	81.8	10 200							46.0
48.0							20.4	68.8	12 900	36.0	76.4	11 200	46.8	80.0	9 500							48.0
50.0										30.2	73.2	10 600	42.3	77.9	8 900							50.0
52.0										23.0	69.1	9 900	37.3	75.4	8 400	47.5	78.3	6 800				52.0
54.0													31.7	72.5	7 900	43.0	76.3	6 400				54.0
56.0													24.9	68.6	7 400	38.2	73.9	6 000				56.0
58.0																32.7	71.0	5 600	43.3	74.0	4 300	58.0
60.0																26.2	67.4	5 200	38.5	71.7	4 000	60.0
62.0																17.5	62.2	4 900	33.1	68.8	3 700	62.0
64.0																			26.6	65.3	3 400	64.0
66.0																			18.2	60.3	3 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	31 800																26.0		
28.0	56.9	90.5	28 600*	64.8	92.6	28 800																28.0		
30.0	53.4	89.1	25 900*	61.5	91.6	26 400	66.1	92.5	24 600													30.0		
32.0	49.6	87.4	23 500*	58.2	90.4	24 200	62.9	91.5	22 500													32.0		
34.0	45.7	85.6	21 300*	54.7	89.0	22 400	59.6	90.4	20 800													34.0		
36.0	41.5	83.4	19 300*	51.0	87.5	20 800	56.1	89.1	19 300													36.0		
38.0	36.8	80.9	17 500*	47.2	85.7	19 300	52.5	87.6	17 900	60.6	89.5	15 600										38.0		
40.0	31.6	77.9	15 900*	43.0	83.7	18 000	48.8	85.9	16 700	57.2	88.3	14 500										40.0		
42.0	25.4	74.2	14 500*	38.6	81.3	16 800	44.7	84.0	15 600	53.6	86.9	13 600										42.0		
44.0	17.3	68.9	13 400*	33.6	78.5	15 800	40.4	81.8	14 600	49.9	85.3	12 700										44.0		
46.0				27.8	75.1	14 800	35.7	79.2	13 700	46.0	83.4	11 900	54.5	85.6	10 100							46.0		
48.0				20.6	70.5	13 900	30.3	76.0	12 900	41.8	81.3	11 200	50.8	84.1	9 400							48.0		
50.0				8.7	62.5	13 100	23.8	72.0	12 100	37.2	78.8	10 500	47.0	82.3	8 800							50.0		
52.0										32.0	75.9	9 800	42.8	80.2	8 300	51.4	82.3	6 800				52.0		
54.0										25.9	72.2	9 300	38.3	77.8	7 800	47.6	80.6	6 300				54.0		
56.0													18.0	67.0	8 700	33.3	75.0	7 300	43.5	78.6	5 900	56.0		
58.0																27.5	71.5	6 900	39.1	76.3	5 500	58.0		
60.0																20.2	66.9	6 500	34.2	73.5	5 200	60.0		
62.0																			28.5	70.2	4 800	43.8	76.4	3 900
64.0																			21.5	65.8	4 500	39.4	74.1	3 600
66.0																						34.5	71.4	3 400
68.0																						28.9	68.0	3 100
70.0																						22.1	63.7	2 800
																						11.8	56.9	2 600

# 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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg COUNTERWEIGHT  
360 DEGREE RATING**

#### 53.3m (175 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.	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	75.9	98.8	38 100* <sup>b</sup>																			16.8
18.0	74.3	98.5	36 900*																			18.0
20.0	71.4	97.8	34 900*																			20.0
22.0	68.6	97.1	33 100*																			22.0
24.0	65.6	96.2	31 300*																			24.0
26.0	62.6	95.2	29 700*	69.6	96.8	31 500																26.0
28.0	59.6	94.1	27 800*	66.7	96.0	28 600																28.0
30.0	56.4	92.8	25 400*	63.7	95.0	26 100																30.0
32.0	53.1	91.4	23 100*	60.7	94.0	24 000	65.0	94.9	22 300													32.0
34.0	49.6	89.7	21 100*	57.6	92.7	22 100	61.9	93.9	20 600													34.0
36.0	45.9	87.9	19 200*	54.3	91.4	20 500	58.8	92.7	19 000													36.0
38.0	42.0	85.8	17 500*	50.9	89.8	19 100	55.6	91.4	17 700													38.0
40.0	37.8	83.3	15 900*	47.3	88.0	17 800	52.3	89.9	16 500	59.8	91.9	14 300										40.0
42.0	33.1	80.5	14 500*	43.5	86.0	16 600	48.8	88.2	15 400	56.6	90.6	13 300										42.0
44.0	27.7	77.0	13 300*	39.4	83.7	15 600	45.1	86.3	14 400	53.3	89.2	12 400										44.0
46.0	21.1	72.5	12 200*	34.9	81.0	14 600	41.1	84.2	13 500	49.9	87.6	11 600	57.4	89.3	9 800							46.0
48.0				29.8	77.8	13 800	36.8	81.6	12 700	46.2	85.7	10 900	54.1	87.9	9 100							48.0
50.0				23.7	73.7	12 900	31.9	78.6	11 900	42.3	83.6	10 300	50.7	86.4	8 500							50.0
52.0				15.5	68.0	12 200	26.3	75.0	11 200	38.1	81.2	9 600	47.1	84.6	8 000							52.0
54.0							19.2	70.1	10 600	33.5	78.4	9 100	43.3	82.6	7 500	51.3	84.6	6 000				54.0
56.0										28.1	75.0	8 500	39.2	80.2	7 100	47.7	82.9	5 600				56.0
58.0										21.6	70.6	8 000	34.6	77.5	6 600	43.9	80.9	5 200				58.0
60.0													29.5	74.3	6 200	39.9	78.6	4 900				60.0
62.0													23.4	70.1	5 800	35.4	76.0	4 600	44.2	78.7	3 300	62.0
64.0													14.9	64.2	5 400	30.4	72.8	4 300	40.2	76.4	3 100	64.0
66.0																24.5	68.9	4 000	35.7	73.8	2 800	66.0
68.0																16.6	63.4	3 700	30.8	70.7	2 600	68.0
70.0																			24.9	66.8	2 300	70.0
72.0																			17.2	61.5	2 100	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	28 400																28.0
30.0	58.9	96.4	24 700*	65.6	98.4	25 900																30.0
32.0	55.9	95.1	22 700*	62.8	97.4	23 800																32.0
34.0	52.8	93.7	20 800*	60.0	96.3	21 900	64.0	97.3	20 300													34.0
36.0	49.6	92.0	19 000*	57.0	95.1	20 300	61.1	96.3	18 800													36.0
38.0	46.2	90.2	17 400*	53.9	93.7	18 900	58.2	95.1	17 400													38.0
40.0	42.5	88.1	15 900*	50.8	92.1	17 600	55.2	93.7	16 200	62.0	95.4	14 000										40.0
42.0	38.6	85.7	14 600*	47.4	90.3	16 400	52.1	92.2	15 200	59.1	94.2	13 100										42.0
44.0	34.4	83.0	13 400*	43.9	88.3	15 400	48.8	90.5	14 200	56.1	92.9	12 200										44.0
46.0	29.6	79.7	12 300*	40.1	86.1	14 400	45.3	88.6	13 300	53.0	91.5	11 400										46.0
48.0	23.9	75.7	11 300*	36.0	83.5	13 600	41.7	86.5	12 500	49.8	89.9	10 700	56.9	91.6	8 900							48.0
50.0	16.5	70.1	10 500*	31.4	80.4	12 800	37.7	84.0	11 800	46.4	88.0	10 000	53.8	90.2	8 300							50.0
52.0				26.1	76.7	12 000	33.3	81.2	11 000	42.8	86.0	9 400	50.6	88.7	7 800							52.0
54.0				19.5	71.8	11 400	28.4	77.8	10 400	38.9	83.6	8 800	47.2	86.9	7 300							54.0
56.0				8.9	63.6	10 700	22.4	73.5	9 800	34.7	80.9	8 300	43.7	84.9	6 800	51.1	86.9	5 400				56.0
58.0										29.9	77.7	7 800	39.9	82.6	6 400	47.8	85.2	5 000				58.0
60.0										24.4	73.7	7 400	35.8	80.0	6 000	44.3	83.2	4 700				60.0
62.0										17.1	68.3	6 900	31.2	76.9	5 600	40.5	81.0	4 300				62.0
64.0													25.8	73.1	5 300	36.5	78.4	4 000	44.5	81.0	2 800	64.0
66.0													19.1	68.2	5 000	31.9	75.4	3 700	40.8	78.8	2 600	66.0
68.0																26.7	71.8	3 500	36.7	76.3	2 300	68.0
70.0																20.3	67.1	3 200	32.3	73.3	2 100	70.0
72.0																			27.1	69.7	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	28 200																28.0
30.0	61.0	100.0	23 900*	67.2	101.8	25 700																30.0
32.0	58.3	98.8	22 100*	64.7	100.8	23 500																32.0
34.0	55.5	97.5	20 400*	62.0	99.8	21 700	65.7	100.7	20 100													34.0
36.0	52.6	96.0	18 800*	59.3	98.7	20 100	63.1	99.7	18 500													36.0
38.0	49.5	94.3	17 300*	56.5	97.4	18 700	60.4	98.6	17 200													38.0
40.0	46.3	92.5	15 800*	53.6	96.0	17 400	57.7	97.4	16 000													40.0
42.0	43.0	90.4	14 500*	50.6	94.4	16 200	54.8	96.0	14 900	61.2	97.8	12 800										42.0
44.0	39.4	88.1	13 400*	47.5	92.6	15 200	51.9	94.5	14 000	58.5	96.6	11 900										44.0
46.0	35.4	85.5	12 300*	44.2	90.7	14 200	48.8	92.8	13 100	55.7	95.3	11 100										46.0
48.0	31.1	82.4	11 300*	40.7	88.4	13 400	45.6	91.0	12 300	52.8	93.8	10 400										48.0
50.0	26.1	78.6	10 500*	36.9	85.9	12 600	42.2	88.8	11 500	49.7	92.2	9 700										50.0
52.0	20.0	73.8	9 700*	32.8	83.0	11 900	38.5	86.4	10 900	46.6	90.3	9 200	53.5	92.5	7 500							52.0
54.0				28.0	79.5	11 200	34.5	83.7	10 200	43.2	88.3	8 600	50.5	91.0	7 000							54.0
56.0				22.4	75.2	10 600	30.0	80.5	9 600	39.6	86.0	8 100	47.4	89.2	6 600							56.0
58.0				14.9	69.1	9 900	24.8	76.5	9 100	35.7	83.4	7 600	44.0	87.2	6 100	51.0	89.2	4 700				58.0
60.0							18.3	71.4	8 600	31.4	80.3	7 200	40.5	85.0	5 700	47.9	87.5	4 400				60.0
62.0										26.5	76.6	6 700	36.7	82.4	5 400	44.6	85.5	4 100				62.0
64.0										22.5	72.9	6 300	32.5	79.5	5 000	41.1	83.4	3 800				64.0
66.0										20.5	71.9		27.8	76.0	4 700	37.4	80.9	3 500	44.8	83.3	2 300	66.0
68.0													22.1	71.6	4 400	33.2	78.0	3 200	41.4	81.1	2 100	68.0
70.0													14.4	65.3	4 100	28.6	74.6	3 000	37.6	78.7	1 900	70.0
72.0																23.1	70.4	2 700				72.0
74.0																15.9	64.6	2 500				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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			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	
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	25 600													30.0
32.0	60.4	102.3	21 500*	66.3	104.2	23 400													32.0
34.0	57.8	101.1	20 000*	63.8	103.3	21 600	67.2	104.0	19 900										34.0
36.0	55.1	99.8	18 500*	61.3	102.2	20 000	64.8	103.1	18 400										36.0
38.0	52.4	98.3	17 100*	58.7	101.0	18 500	62.3	102.1	17 100										38.0
40.0	49.5	96.6	15 700*	56.1	99.7	17 200	59.8	101.0	15 900										40.0
42.0	46.5	94.8	14 500*	53.4	98.3	16 100	57.2	99.7	14 800										42.0
44.0	43.3	92.8	13 300*	50.6	96.7	15 100	54.5	98.4	13 800	60.6	100.1	11 800							44.0
46.0	40.0	90.5	12 300*	47.6	94.9	14 100	51.7	96.8	12 900	58.0	98.9	11 000							46.0
48.0	36.4	87.9	11 400*	44.5	93.0	13 300	48.8	95.1	12 100	55.3	97.6	10 300							48.0
50.0	32.4	84.9	10 500*	41.2	90.8	12 500	45.8	93.3	11 400	52.6	96.1	9 600							50.0
52.0	27.9	81.4	9 700*	37.7	88.3	11 800	42.6	91.2	10 700	49.7	94.5	9 100	56.0	96.3	7 400				52.0
54.0	22.7	77.1	9 000*	33.9	85.5	11 100	39.2	88.8	10 100	46.7	92.6	8 500	53.2	94.9	6 900				54.0
56.0	15.8	71.3	8 400*	29.6	82.2	10 500	35.5	86.2	9 500	43.6	90.6	8 000	50.4	93.3	6 400				56.0
58.0				24.7	78.3	9 900	31.4	83.1	9 000	40.2	88.4	7 500	47.5	91.5	6 000				58.0
60.0				18.6	73.1	9 400	26.8	79.4	8 500	36.6	85.8	7 000	44.3	89.5	5 600	50.9	91.5	4 300	60.0
62.0				9.1	64.7	8 700*	21.3	74.9	8 000	32.7	82.9	6 600	41.1	87.3	5 200	47.9	89.8	3 900	62.0
64.0							13.8	68.4	7 600	28.3	79.4	6 300	37.5	84.8	4 900	44.9	87.9	3 600	64.0
66.0										23.1	75.2	5 800	33.7	82.0	4 600	41.6	85.7	3 400	66.0
68.0										16.4	69.5	5 500	29.4	78.7	4 300	38.1	83.3	3 100	68.0
70.0													24.5	74.7	4 000	34.3	80.5	2 900	70.0
72.0													18.3	69.4	3 700	30.1	77.3	2 600	72.0
74.0																25.3	73.4	2 400	74.0
76.0																19.4	68.4	2 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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			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	
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	23 200													32.0
34.0	59.8	104.7	19 400*	65.4	106.6	21 400													34.0
36.0	57.3	103.5	18 000*	63.0	105.7	19 800	66.3	106.5	18 200										36.0
38.0	54.8	102.1	16 700*	60.7	104.6	18 300	64.0	105.5	16 800										38.0
40.0	52.2	100.6	15 500*	58.2	103.4	17 000	61.6	104.5	15 600										40.0
42.0	49.5	98.9	14 300*	55.7	102.1	15 900	59.2	103.3	14 600										42.0
44.0	46.6	97.1	13 300*	53.1	100.6	14 800	56.7	102.1	13 600										44.0
46.0	43.7	95.1	12 200*	50.5	99.0	13 900	54.2	100.7	12 700	60.0	102.5	10 700							46.0
48.0	40.5	92.9	11 300*	47.7	97.2	13 100	51.6	99.1	11 900	57.5	101.2	10 000							48.0
50.0	37.2	90.3	10 500*	44.8	95.3	12 300	48.8	97.4	11 200	55.0	99.9	9 400							50.0
52.0	33.5	87.5	9 700*	41.7	93.1	11 500	46.0	95.6	10 500	52.4	98.4	8 800							52.0
54.0	29.5	84.2	9 000*	38.4	90.7	10 900	43.0	93.5	9 900	49.7	96.8	8 300	55.6	98.6	6 600				54.0
56.0	24.8	80.2	8 400*	34.9	88.0	10 300	39.8	91.2	9 300	46.8	94.9	7 700	53.0	97.2	6 200				56.0
58.0	19.2	75.1	7 800*	31.0	84.9	9 700	36.4	88.6	8 800	43.9	92.9	7 300	50.3	95.6	5 800				58.0
60.0				26.6	81.2	9 200	32.6	85.7	8 300	40.8	90.7	6 800	47.5	93.8	5 400				60.0
62.0				21.4	76.6	8 700	28.5	82.2	7 800	37.4	88.2	6 400	44.6	91.8	5 000	50.8	93.8	3 600	62.0
64.0				14.4	70.2	8 200	23.6	78.0	7 400	33.8	85.4	6 000	41.5	89.7	4 700	48.0	92.1	3 400	64.0
66.0							17.6	72.6	7 000	29.8	82.1	5 700	38.2	87.2	4 400	45.1	90.2	3 100	66.0
68.0										25.2	78.2	5 300	34.7	84.5	4 100	42.0	88.0	2 800	68.0
70.0										19.6	73.2	5 000	30.8	81.3	3 800	38.8	85.7	2 600	70.0
72.0													26.4	77.6	3 500	35.3	83.0	2 400	72.0
74.0													21.1	73.0	3 200	31.5	79.9	2 100	74.0
76.0													14.0	66.5	3 000	27.1	76.3	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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			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	
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	23 000													32.0
34.0	61.5	108.2	18 800*	66.7	110.0	21 100													34.0
36.0	59.2	107.1	17 600*	64.6	109.1	19 500													36.0
38.0	56.9	105.8	16 500*	62.3	108.1	18 100	65.5	108.9	16 600										38.0
40.0	54.5	104.4	15 300*	60.1	106.9	16 800	63.2	107.9	15 400										40.0
42.0	52.0	102.9	14 300*	57.8	105.7	15 700	61.0	106.9	14 300										42.0
44.0	49.4	101.2	13 200*	55.4	104.4	14 700	58.7	105.7	13 400										44.0
46.0	46.8	99.4	12 300*	52.9	102.9	13 700	56.3	104.4	12 500	61.7	106.0	10 500							46.0
48.0	44.0	97.4	11 400*	50.4	101.3	12 900	53.9	103.0	11 700	59.4	104.8	9 800							48.0
50.0	41.0	95.2	10 600*	47.8	99.5	12 100	51.4	101.4	11 000	57.1	103.6	9 200							50.0
52.0	37.9	92.7	9 800*	45.0	97.6	11 400	48.8	99.7	10 300	54.7	102.2	8 600							52.0
54.0	34.5	90.0	9 100*	42.1	95.5	10 700	46.1	97.9	9 700	52.2	100.7	8 000							54.0
56.0	30.8	86.8	8 400*	39.0	93.1	10 100	43.3	95.8	9 100	49.6	99.1	7 500	55.3	100.9	6 000				56.0
58.0	26.6	83.1	7 900*	35.8	90.5	9 500	40.3	93.6	8 600	47.0	97.2	7 100	52.8	99.5	5 600				58.0
60.0	21.7	78.5	7 300*	32.2	87.4	9 000	37.1	91.0	8 100	44.2	95.3	6 600	50.3	97.9	5 200				60.0
62.0	15.3	72.4	6 800*	28.2	84.0	8 500	33.7	88.2	7 600	41.2	93.1	6 200	47.6	96.1	4 800				62.0
64.0				23.6	79.8	8 000	29.9	84.9	7 200	38.1	90.6	5 800	44.9	94.1	4 500	50.7	96.1	3 200	64.0
66.0				17.9	74.4	7 600	25.6	81.0	6 800	34.7	87.9	5 400	42.0	92.0	4 100	48.1	94.4	2 900	66.0
68.0				9.2	65.8	6 900*	20.4	76.2	6 400	31.1	84.7	5 100	38.9	89.6	3 800	45.3	92.5	2 600	68.0
70.0							13.4	69.5	6 000	26.9	81.1	4 800	35.6	87.0	3 600	42.4	90.4	2 400	70.0
72.0										22.1	76.6	4 500	32.0	83.9	3 300	39.4	88.0	2 200	72.0
74.0										15.9	70.6	4 200	28.0	80.4	3 100	36.1	85.4	1 900	74.0
76.0													23.3	76.2	2 800				76.0
78.0													17.6	70.7	2 600				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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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			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	
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	20 900													34.0
36.0	60.9	110.6	17 000*	65.9	112.4	19 300													36.0
38.0	58.8	109.4	16 000*	63.8	111.5	17 900													38.0
40.0	56.5	108.1	15 000*	61.7	110.4	16 600	64.7	111.3	15 200										40.0
42.0	54.2	106.7	14 000*	59.6	109.3	15 500	62.6	110.3	14 100										42.0
44.0	51.9	105.2	13 000*	57.3	108.0	14 400	60.4	109.2	13 100										44.0
46.0	49.4	103.5	12 200*	55.1	106.7	13 500	58.2	108.0	12 300										46.0
48.0	46.9	101.7	11 300*	52.7	105.2	12 700	56.0	106.7	11 500	61.1	108.4	9 600							48.0
50.0	44.2	99.7	10 500*	50.3	103.6	11 900	53.7	105.3	10 800	58.9	107.2	8 900							50.0
52.0	41.4	97.6	9 800*	47.8	101.8	11 200	51.3	103.7	10 100	56.7	105.9	8 300							52.0
54.0	38.5	95.1	9 100*	45.2	99.9	10 500	48.8	102.0	9 500	54.4	104.5	7 800							54.0
56.0	35.3	92.4	8 500*	42.5	97.8	9 900	46.3	100.2	8 900	52.0	103.0	7 300							56.0
58.0	31.9	89.4	7 900*	39.6	95.5	9 400	43.6	98.2	8 400	49.6	101.4	6 800	55.0	103.3	5 300				58.0
60.0	28.1	85.9	7 300*	36.5	92.9	8 800	40.8	95.9	7 900	47.1	99.6	6 400	52.6	101.8	4 900				60.0
62.0	23.7	81.7	6 800*	33.2	90.0	8 300	37.8	93.4	7 400	44.4	97.6	6 000	50.2	100.2	4 600				62.0
64.0	18.4	76.4	6 300*	29.5	86.7	7 800	34.6	90.7	7 000	41.6	95.4	5 600	47.7	98.4	4 200				64.0
66.0				25.4	82.8	7 400	31.1	87.5	6 600	38.7	93.0	5 200	45.1	96.5	3 900	50.6	98.4	2 600	66.0
68.0				20.5	77.9	7 000	27.2	83.9	6 200	35.6	90.3	4 900	42.3	94.3	3 600	48.1	96.7	2 400	68.0
70.0				14.1	71.4	6 600	22.6	79.5	5 900	32.2	87.3	4 600	39.4	92.0	3 300	45.5	94.8	2 100	70.0
72.0							17.0	73.8	5 500				36.4	89.4	3 100	42.8	92.7	1 900	72.0
74.0													24.1	79.7	4 000	33.0	86.5	2 800	74.0
76.0													18.9	74.5	3 700	29.3	83.1	2 600	76.0
78.0																25.2	79.2	2 400	78.0
80.0																20.2	74.3	2 100	80.0
82.0																13.7	67.6	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	40 500b																22.0
24.0	34.3	72.2	37 400*	54.0	77.0	36 200b																24.0
26.0	22.6	68.4	33 400*	46.9	75.3	32 700	57.2	77.1	30 600b													26.0
28.0				38.9	73.1	29 700	50.5	75.6	27 800b													28.0
30.0				29.0	70.0	27 200	42.9	73.7	25 500													30.0
32.0				13.3	64.5	24 900	34.1	71.0	23 400	53.4	75.0	20 700b										32.0
34.0							22.3	67.1	21 600	46.3	73.3	19 100										34.0
36.0										38.1	71.0	17 800										36.0
38.0										28.0	67.8	16 500	49.0	72.3	14 400							38.0
40.0													41.3	70.2	13 400							40.0
42.0													32.1	67.4	12 500							42.0
44.0													19.1	63.1	11 600	43.6	68.8	9 900				44.0
46.0																34.9	66.2	9 300				46.0
48.0																23.6	62.5	8 700	45.1	66.7	7 100	48.0
50.0																		36.7	64.3	6 700		50.0
52.0																		26.0	60.9	6 200		52.0

#### 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.	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	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	40 300b																22.0
24.0	43.9	77.2	36 500*	59.1	80.7	36 000b																24.0
26.0	36.4	74.7	32 900*	53.4	79.3	32 500	61.7	80.7	30 300b													26.0
28.0	27.3	71.4	29 200*	47.2	77.6	29 500	56.2	79.5	27 600b													28.0
30.0	13.0	65.6	26 100*	40.3	75.4	27 000	50.3	77.9	25 200													30.0
32.0				32.1	72.6	24 900	43.7	76.0	23 200	58.6	78.8	20 500b										32.0
34.0				21.3	68.5	22 900	36.3	73.5	21 400	52.9	77.3	18 900										34.0
36.0							27.1	70.2	19 900	46.7	75.6	17 500										36.0
38.0							12.5	64.3	18 400	39.7	73.4	16 200										38.0
40.0										31.4	70.5	15 200	49.0	74.6	13 100							40.0
42.0										20.2	66.2	14 100	42.3	72.6	12 200							42.0
44.0													34.6	70.0	11 400							44.0
46.0													24.9	66.3	10 600	44.3	71.1	9 000				46.0
48.0																37.0	68.7	8 400				48.0
50.0																28.0	65.4	7 800				50.0
52.0																		38.4	66.7	5 900		52.0
54.0																		29.8	63.7	5 500		54.0
56.0																		17.7	58.9	5 100		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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
16.8	68.0	85.8	44 600* <sup>b</sup>																			16.8
18.0	65.2	85.3	42 900* <sup>b</sup>																			18.0
20.0	60.5	84.2	40 200* <sup>b</sup>																			20.0
22.0	55.5	82.9	37 800*	67.5	85.2	40 000 <sup>b</sup>																22.0
24.0	50.2	81.4	35 600*	62.9	84.2	35 800 <sup>b</sup>																24.0
26.0	44.5	79.5	32 500*	58.0	83.0	32 300	65.1	84.1	30 100 <sup>b</sup>													26.0
28.0	38.0	77.1	28 900*	52.9	81.6	29 400	60.4	83.1	27 400 <sup>b</sup>													28.0
30.0	30.4	74.1	25 800*	47.4	79.9	26 800	55.4	81.8	25 000													30.0
32.0	20.4	69.7	23 100*	41.3	77.8	24 700	50.1	80.2	23 000													32.0
34.0				34.4	75.1	22 800	44.4	78.3	21 300	57.6	81.1	18 600										34.0
36.0				25.9	71.6	21 200	37.9	75.9	19 700	52.5	79.6	17 300										36.0
38.0				12.6	65.6	19 700	30.3	72.9	18 300	46.9	77.9	16 100										38.0
40.0							20.1	68.5	17 100	40.8	75.8	15 000	54.4	78.5	12 900							40.0
42.0										33.8	73.1	14 000	49.0	76.9	12 000							42.0
44.0										25.0	69.4	13 100	43.1	74.9	11 200							44.0
46.0													36.5	72.4	10 500	50.6	75.3	8 800				46.0
48.0													28.5	69.2	9 800	44.9	73.4	8 200				48.0
50.0													17.5	64.3	9 200	38.5	71.1	7 600				50.0
52.0																31.0	68.1	7 200	46.0	71.3	5 700	52.0
54.0																21.2	63.9	6 700	39.7	69.1	5 300	54.0
56.0																			32.5	66.3	5 000	56.0
58.0																			23.3	62.4	4 600	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	
16.8	70.3	89.1	43 200* <sup>b</sup>																			16.8
18.0	67.9	88.6	41 600* <sup>b</sup>																			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	35 600																24.0
26.0	50.1	83.7	32 000*	61.6	86.6	32 100	67.8	87.5	29 800 <sup>b</sup>													26.0
28.0	44.9	81.8	28 600*	57.2	85.4	29 100	63.6	86.5	27 100													28.0
30.0	39.3	79.5	25 600*	52.5	83.9	26 700	59.3	85.4	24 800													30.0
32.0	32.7	76.7	23 000*	47.6	82.2	24 500	54.8	84.1	22 800													32.0
34.0	24.7	72.9	20 700*	42.2	80.1	22 700	50.0	82.5	21 000	61.2	84.7	18 400										34.0
36.0	12.4	66.7	18 700*	36.1	77.6	21 000	44.8	80.6	19 500	56.8	83.4	17 000										36.0
38.0				29.0	74.4	19 500	39.1	78.3	18 200	52.1	82.0	15 800										38.0
40.0				19.5	69.8	18 200	32.6	75.5	16 900	47.1	80.2	14 700										40.0
42.0							24.5	71.7	15 800	41.7	78.1	13 700	53.9	80.8	11 700							42.0
44.0							12.1	65.4	14 800	35.6	75.5	12 900	49.0	79.2	10 900							44.0
46.0										28.3	72.2	12 000	43.8	77.2	10 200							46.0
48.0										18.5	67.5	11 300	37.9	74.9	9 600	50.4	77.6	7 900				48.0
50.0													31.2	71.9	9 000	45.3	75.7	7 300				50.0
52.0													22.6	67.8	8 400	39.7	73.5	6 900				52.0
54.0																33.2	70.7	6 400	46.3	73.6	5 000	54.0
56.0																25.3	67.0	6 000	40.8	71.5	4 600	56.0
58.0																			34.5	68.8	4 300	58.0
60.0																			27.0	65.3	4 000	60.0
62.0																			16.4	60.1	3 700	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	35 300																24.0
26.0	54.4	87.6	31 400*	64.4	90.0	31 800																26.0
28.0	50.0	86.0	28 300*	60.5	88.9	28 900	66.2	89.9	26 900													28.0
30.0	45.3	84.1	25 400*	56.5	87.7	26 400	62.4	88.9	24 500													30.0
32.0	40.2	81.9	22 900*	52.2	86.2	24 300	58.4	87.8	22 500													32.0
34.0	34.5	79.2	20 600*	47.7	84.5	22 400	54.3	86.4	20 800													34.0
36.0	27.8	75.8	18 700*	42.8	82.5	20 800	49.9	84.8	19 300	60.2	87.0	16 800										36.0
38.0	18.9	71.0	16 900*	37.5	80.0	19 400	45.2	82.9	17 900	56.1	85.7	15 600										38.0
40.0				31.3	77.0	18 100	40.1	80.7	16 700	51.8	84.3	14 500										40.0
42.0				23.7	73.1	16 900	34.4	78.0	15 600	47.3	82.5	13 500										42.0
44.0				12.2	66.7	15 800	27.6	74.6	14 600	42.4	80.5	12 600	53.4	83.1	10 700							44.0
46.0							18.7	69.8	13 700	37.0	78.0	11 900	49.0	81.5	10 000							46.0
48.0										30.7	74.9	11 100	44.3	79.6	9 300							48.0
50.0										23.0	70.9	10 400	39.0	77.3	8 700	50.3	79.9	7 100				50.0
52.0													33.1	74.4	8 200	45.7	78.0	6 600				52.0
54.0													26.1	70.8	7 700	40.6	75.9	6 200				54.0
56.0													16.3	65.5	7 200	34.9	73.2	5 800				56.0
58.0																28.3	69.9	5 400	41.6	73.8	4 100	58.0
60.0																19.6	65.2	5 100	36.0	71.3	3 800	60.0
62.0																			29.6	68.1	3 500	62.0
64.0																			21.5	63.8	3 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	31 600																26.0
28.0	53.9	89.9	28 000*	63.2	92.4	28 700																28.0
30.0	49.9	88.3	25 300*	59.6	91.3	26 200	64.9	92.4	24 300													30.0
32.0	45.6	86.4	22 900*	55.9	90.0	24 100	61.3	91.3	22 300													32.0
34.0	41.0	84.3	20 600*	51.9	88.5	22 200	57.7	90.1	20 600													34.0
36.0	35.9	81.7	18 700*	47.8	86.8	20 600	53.9	88.7	19 000													36.0
38.0	30.1	78.5	17 000*	43.4	84.8	19 200	49.8	87.1	17 700	59.3	89.4	15 300										38.0
40.0	22.9	74.4	15 500*	38.5	82.4	17 900	45.6	85.2	16 500	55.5	88.1	14 200										40.0
42.0	12.1	67.8	14 200*	33.1	79.6	16 700	40.9	83.1	15 400	51.6	86.6	13 300										42.0
44.0				26.7	76.0	15 700	35.8	80.5	14 400	47.5	84.8	12 400										44.0
46.0				18.3	71.1	14 700	29.9	77.3	13 500	43.0	82.8	11 600	53.1	85.4	9 700							46.0
48.0							22.7	73.2	12 700	38.1	80.4	10 900	49.0	83.8	9 100							48.0
50.0							11.8	66.5	11 900	32.6	77.5	10 200	44.7	81.9	8 500							50.0
52.0										26.1	73.9	9 600	40.0	79.6	8 000	50.2	82.2	6 400				52.0
54.0										17.4	68.7	9 000	34.7	77.0	7 500	45.9	80.4	5 900				54.0
56.0													28.6	73.6	7 000	41.4	78.2	5 500				56.0
58.0													21.0	69.2	6 600	36.3	75.7	5 100	46.8	78.2	3 800	58.0
60.0																30.5	72.6	4 800	42.2	76.2	3 500	60.0
62.0																23.4	68.5	4 500	37.3	73.7	3 200	62.0
64.0																13.1	62.2	4 100	31.6	70.7	2 900	64.0
66.0																			24.9	66.9	2 700	66.0
68.0																			15.5	61.3	2 400	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	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	31 400																26.0
28.0	57.1	93.6	27 400*	65.4	95.8	28 500																28.0
30.0	53.6	92.2	24 900*	62.2	94.8	26 100																30.0
32.0	49.8	90.6	22 600*	58.8	93.7	23 900	63.7	94.8	22 200													32.0
34.0	45.9	88.7	20 500*	55.3	92.3	22 100	60.4	93.7	20 400													34.0
36.0	41.7	86.6	18 600*	51.7	90.8	20 500	57.0	92.4	18 900													36.0
38.0	37.1	84.1	16 900*	47.9	89.1	19 100	53.5	91.0	17 600													38.0
40.0	31.9	81.1	15 500*	43.8	87.1	17 800	49.8	89.4	16 400	58.5	91.7	14 100										40.0
42.0	25.8	77.4	14 100*	39.4	84.8	16 600	45.8	87.6	15 300	55.0	90.4	13 200										42.0
44.0	17.8	72.3	13 000*	34.6	82.1	15 600	41.6	85.4	14 400	51.4	88.9	12 300										44.0
46.0				29.0	78.8	14 700	37.0	82.9	13 500	47.6	87.1	11 500	56.3	89.2	9 600							46.0
48.0				22.1	74.5	13 800	31.8	79.9	12 700	43.5	85.1	10 800	52.8	87.8	9 000							48.0
50.0				11.9	67.7	13 000	25.7	76.2	11 900	39.0	82.8	10 100	49.0	86.1	8 400							50.0
52.0							17.6	71.0	11 200	34.1	80.0	9 600	45.0	84.2	7 800							52.0
54.0										28.5	76.7	9 000	40.7	82.0	7 400	50.1	84.5	5 800				54.0
56.0										21.4	72.3	8 400	36.0	79.4	6 900	46.2	82.7	5 400				56.0
58.0													30.7	76.3	6 500	42.0	80.6	5 100				58.0
60.0													24.3	72.4	6 100	37.4	78.1	4 700				60.0
62.0													15.5	66.7	5 700	32.3	75.2	4 400	42.8	78.5	3 100	62.0
64.0																26.2	71.5	4 100	38.3	76.1	2 900	64.0
66.0																18.4	66.5	3 800	33.3	73.3	2 600	66.0
68.0																			27.4	69.8	2 400	68.0
70.0																			20.1	65.1	2 200	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	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	
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	31 200																26.0
28.0	59.7	97.2	26 500*	67.3	99.2	28 300																28.0
30.0	56.5	95.9	24 400*	64.3	98.2	25 800																30.0
32.0	53.2	94.5	22 300*	61.3	97.2	23 700	65.7	98.1	21 900													32.0
34.0	49.8	92.9	20 300*	58.1	96.0	21 900	62.7	97.2	20 200													34.0
36.0	46.1	91.0	18 500*	54.9	94.7	20 300	59.7	96.0	18 700													36.0
38.0	42.3	88.9	16 900*	51.5	93.1	18 800	56.5	94.8	17 300													38.0
40.0	38.0	86.5	15 400*	48.0	91.4	17 600	53.2	93.3	16 200	61.0	95.3	13 800										40.0
42.0	33.4	83.7	14 100*	44.2	89.4	16 400	49.7	91.7	15 100	57.9	94.1	12 900										42.0
44.0	28.0	80.3	12 900*	40.2	87.2	15 400	46.1	89.9	14 100	54.6	92.7	12 000										44.0
46.0	21.5	75.8	11 900*	35.8	84.6	14 500	42.2	87.8	13 300	51.2	91.2	11 200										46.0
48.0	11.8	68.9	11 000*	30.8	81.5	13 600	38.0	85.3	12 400	47.7	89.4	10 500	55.8	91.5	8 700							48.0
50.0				25.0	77.6	12 800	33.3	82.5	11 700	43.9	87.4	9 900	52.5	90.1	8 100							50.0
52.0				17.3	72.3	12 000	27.9	79.0	11 000	39.8	85.2	9 300	49.0	88.4	7 600							52.0
54.0							21.3	74.6	10 400	35.4	82.5	8 800	45.3	86.5	7 100							54.0
56.0							11.5	67.6	9 800	30.3	79.4	8 200	41.4	84.3	6 600	50.0	86.8	5 100				56.0
58.0										24.4	75.4	7 700	37.1	81.8	6 200	46.4	85.0	4 800				58.0
60.0										16.5	69.9	7 300	32.3	78.9	5 900	42.5	82.9	4 400				60.0
62.0													26.7	75.3	5 500	38.3	80.5	4 100				62.0
64.0													19.8	70.5	5 100	33.7	77.7	3 900	43.3	80.8	2 600	64.0
66.0																28.4	74.3	3 600	39.1	78.5	2 300	66.0
68.0																22.0	70.0	3 300	34.6	75.8	2 100	68.0
70.0																12.7	63.3	3 000	29.5	72.5	1 900	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

**FOLD UNDER LUFFING JIB NO. 133A ON  
BOOM NO. 44 WITH 1524 mm TOP  
75 750 kg 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.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY kg	JIB ANG. DEG.	JIB POINT ELEV. m	LUFFING JIB CAPACI TY 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	28 100																28.0
30.0	59.1	99.6	23 700*	66.1	101.6	25 600																30.0
32.0	56.1	98.3	21 800*	63.4	100.7	23 500																32.0
34.0	53.0	96.8	20 000*	60.5	99.6	21 700	64.7	100.6	20 000													34.0
36.0	49.7	95.2	18 400*	57.6	98.3	20 100	61.9	99.5	18 400													36.0
38.0	46.3	93.3	16 800*	54.5	97.0	18 700	59.0	98.4	17 100													38.0
40.0	42.7	91.3	15 400*	51.4	95.4	17 400	56.0	97.1	15 900													40.0
42.0	38.9	88.9	14 100*	48.1	93.7	16 200	52.9	95.6	14 900	60.3	97.6	12 600										42.0
44.0	34.6	86.2	12 900*	44.6	91.8	15 200	49.7	94.0	13 900	57.3	96.4	11 800										44.0
46.0	29.8	83.0	11 900*	40.8	89.6	14 200	46.3	92.2	13 000	54.3	95.0	11 000										46.0
48.0	24.2	79.0	11 000*	36.8	87.0	13 400	42.7	90.1	12 300	51.1	93.5	10 300										48.0
50.0	16.9	73.5	10 100*	32.3	84.1	12 600	38.8	87.7	11 500	47.8	91.7	9 700	55.4	93.9	7 900							50.0
52.0				27.2	80.5	11 900	34.5	85.0	10 800	44.3	89.8	9 100	52.3	92.4	7 300							52.0
54.0				20.9	75.9	11 200	29.8	81.8	10 200	40.5	87.5	8 500	49.0	90.7	6 900							54.0
56.0				11.7	68.8	10 600	24.1	77.7	9 600	36.4	85.0	8 000	45.6	88.8	6 400							56.0
58.0							16.8	72.2	9 100	31.9	82.0	7 500	41.9	86.7	6 000	50.0	89.1	4 500				58.0
60.0										26.7	78.3	7 100	38.0	84.3	5 700	46.6	87.3	4 200				60.0
62.0										20.3	73.6	6 700	33.6	81.4	5 300	43.0	85.2	3 900				62.0
64.0										10.5	66.1	6 300	28.7	78.1	4 900	39.1	82.9	3 600				64.0
66.0													22.8	73.8	4 600	34.9	80.2	3 300				66.0
68.0													14.9	67.8	4 300	30.2	77.0	3 100	43.7	83.1	2 100	68.0
70.0																24.7	73.1	2 800	39.9	80.9	1 900	70.0
72.0																17.5	67.7	2 600				72.0