

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

**JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7803-AM AND NO. 7804-AM. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND ARE CALCULATED TO COMPLY WITH JAPANESE CONSTRUCTION CODES FOR MOBILE CRANES. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 2 010 kg MINIMUM BLOCK WEIGHT WITH 4 PART HOIST LINE REEVING ON 12.2m JIB AND 3 PART ON 18.3m JIB.

76.2m THRU 88.4m BOOM LENGTHS REQUIRE ONLY THE MIDDLE 3 SHEAVES TO BE USED ON LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM LOWER BOOM POINT.

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

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP. REFER TO BOOM RIGGING NO. 170423 OR NO. 172611, JIB ASSEMBLY NO. 170428, NO. 172692 OR NO. 173166, WIRE ROPE SPECIFICATION CHART NO. 7807-B 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 AND LOWERING BOOM AND JIB TO APPROXIMATELY 70 DEGREE BOOM ANGLE WHEN WIND EXCEEDS THOSE SHOWN IN TABLE TO PREVENT JIB BEING BLOWN OVER BACKWARDS. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 22 m/s.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE AND BOOM WITHIN BOOM ANGLE RANGE SHOWN IN CAPACITY CHART.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION TO CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 9 373 mm CRAWLERS, 1 219 mm TREADS, 8 534 mm RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 45 mm BOOM PENDANTS, 93 890 kg CRANE COUNTERWEIGHT, AND TWO 13 610 kg CARBODY COUNTERWEIGHTS.

MAXIMUM CAPACITY ON 28 mm WIRE ROPE IS 13 470 kg WITH SINGLE PART WHIP LINE, 26 720 kg WITH TWO PART WHIP LINE, 39 690 kg WITH THREE PART WHIP LINE AND 45 300 kg WITH FOUR PART WHIP LINE.

WIND LIMITS DURING OPERATION		
MAXIMUM WIND VELOCITY	BOOM LENGTH	JIB LENGTH
m/s	METERS	METERS
14	21.3 - 51.8	---
10	54.7 - 57.9	---
7	61.0 - 88.4	---
14	39.6 - 51.8	12.2 - 24.4
10	54.9 - 57.9	12.2 - 24.4
7	61.0 - 79.2	12.2 - 18.3
7	61.0 - 76.2	24.4
7	39.6 - 73.2	30.5
7	39.6 - 70.1	36.6

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER FRONT SIDE OR REAR OF CRAWLERS	
BOOM LGTH.	JIB NO. 132
88.4m	---
85.3m	---
82.3m	---
79.2m	18.3m
76.2m	24.4m
73.2m	30.5m
70.1m	36.6m
LOAD BLOCK, HOOK, AND WEIGHT BALL ON GROUND AT START.	

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BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

12.2m (40 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
3 9 · 6	1 3 0	12.2	80.4	53.9	45 300*b							12.2
		14.0	78.4	53.5	42 300*b							14.0
		16.0	76.2	53.0	39 800*b							16.0
		18.0	73.9	52.4	37 600*b	78.6	52.7	32 900*b				18.0
		20.0	71.6	51.7	35 700*b	76.3	52.1	31 600*b	78.7	51.3	25 300*	20.0
		22.0	69.2	50.9	33 900*b	74.0	51.4	30 300*b	76.3	50.6	24 200*	22.0
		24.0	66.9	50.1	32 400*b	71.6	50.6	29 200*	73.9	49.8	23 200*	24.0
		26.0	64.4	49.1	31 100*b	69.2	49.7	28 200*	71.5	48.9	22 300*	26.0
		28.0	61.9	48.0	29 800*b	66.7	48.7	27 300*	69.0	47.9	21 400*	28.0
		30.0	59.4	46.8	28 700*	64.2	47.6	26 500*	66.4	46.8	20 700*	30.0
		32.0	56.8	45.5	27 700*	61.7	46.4	25 800*	63.8	45.6	20 000*	32.0
		34.0	54.1	44.0	26 800*	59.0	45.1	25 100*	61.1	44.2	19 400*	34.0
		36.0	51.3	42.4	25 900	56.3	43.6	24 500*	58.3	42.7	18 800*	36.0
		38.0	48.3	40.6	24 300	53.5	42.0	24 000*	55.4	41.0	18 400*	38.0
		42.0	42.0	36.4	20 800	50.5	40.2	23 500*	52.4	39.2	17 900*	42.0
		46.0	34.6	31.0	18 100	44.1	35.9	21 200	45.8	34.8	17 100*	46.0
4 2 · 7	1 4 0	12.2	81.0	57.0	45 300*b							12.2
		14.0	79.1	56.6	43 100*b							14.0
		16.0	77.0	56.2	40 600*b							16.0
		18.0	74.8	55.6	38 400*b	79.2	55.8	33 300*b				18.0
		20.0	72.6	55.0	36 500*b	77.1	55.3	32 000*b	79.3	54.5	25 600*	20.0
		22.0	70.4	54.2	34 800*b	74.9	54.6	30 800*b	77.1	53.8	24 500*	22.0
		24.0	68.2	53.4	33 200*b	72.7	53.9	29 700*	74.9	53.1	23 500*	24.0
		26.0	65.9	52.5	31 900*b	70.4	53.1	28 700*	72.6	52.3	22 600*	26.0
		28.0	63.6	51.5	30 600*b	68.1	52.1	27 800*	70.3	51.3	21 800*	28.0
		30.0	61.3	50.4	29 500*	65.8	51.1	27 000*	67.9	50.3	21 100*	30.0
		32.0	58.9	49.1	28 500*	63.4	50.0	26 300*	65.5	49.2	20 400*	32.0
		34.0	56.4	47.8	27 500	61.0	48.8	25 600*	63.0	47.9	19 800*	34.0
		36.0	53.8	46.3	26 000	58.5	47.4	25 000*	60.4	46.5	19 200*	36.0
		38.0	51.1	44.7	23 900	55.9	45.9	24 400*	57.8	45.0	18 800*	38.0
		42.0	45.5	40.9	20 500	53.2	44.3	23 900*	55.1	43.3	18 300*	42.0
		46.0	39.1	36.3	17 600	47.5	40.5	20 800	49.2	39.4	17 400*	46.0
4 5 · 7	1 5 0	13.7	80.0	59.8	44 200*b							13.7
		14.0	79.7	59.8	43 800*b							14.0
		16.0	77.7	59.3	41 400*b	79.8	59.0	33 700*b				16.0
		18.0	75.6	58.8	39 200*b	77.8	58.4	32 400*b				18.0
		20.0	73.6	58.2	37 300*b	75.7	57.8	31 200*b	77.8	57.1	24 800*	20.0
		22.0	71.5	57.5	35 600*b	73.6	57.1	30 200*b	75.7	56.3	23 900*	22.0
		24.0	69.4	56.7	34 100*b	71.5	56.4	29 200*	73.6	55.6	23 000*	24.0
		26.0	67.3	55.9	32 700*b	69.4	55.5	28 300*	71.4	54.7	22 200*	26.0
		28.0	65.1	54.9	31 400*b	67.2	54.5	27 500*	69.2	53.7	21 500*	28.0
		30.0	62.9	53.9	30 300*b	65.0	53.5	26 700*	66.9	52.7	20 800*	30.0
		32.0	60.7	52.7	29 200*	62.7	52.4	26 000*	64.6	51.5	20 200*	32.0
		34.0	58.4	51.5	28 000	60.4	51.1	25 400*	62.3	50.2	19 600*	34.0
		36.0	56.0	50.1	25 600	58.0	49.7	24 900*	59.8	48.8	19 100*	36.0
		38.0	53.5	48.6	23 500	55.5	48.2	24 000	57.3	47.3	18 700*	38.0
		42.0	48.4	45.2	20 100	50.3	44.8	20 500	52.0	43.7	17 800*	42.0
		46.0	42.8	41.1	17 300	44.6	40.6	17 700	46.2	39.4	17 100*	46.0
4 8 · 8	1 6 0	13.7	80.5	62.9	44 900*b							13.7
		14.0	80.2	62.9	44 500*b							14.0
		16.0	78.3	62.4	42 100*b							16.0
		18.0	76.4	61.9	40 000*b	78.4	61.6	32 800*b				18.0
		20.0	74.4	61.4	38 100*b	76.4	61.0	31 600*b	78.5	60.2	25 200*	20.0
		22.0	72.5	60.7	36 300*b	74.5	60.4	30 600*b	76.5	59.6	24 200*	22.0
		24.0	70.5	60.0	34 800*b	72.5	59.6	29 600*	74.5	58.8	23 400*	24.0
		26.0	68.5	59.2	33 400*b	70.5	58.8	28 800*	72.4	58.0	22 600*	26.0
		28.0	66.4	58.3	32 200*b	68.4	57.9	27 900*	70.3	57.1	21 800*	28.0
		30.0	64.4	57.3	31 000*b	66.3	56.9	27 200*	68.2	56.1	21 200*	30.0
		32.0	62.3	56.2	29 900*b	64.2	55.9	26 500*	66.1	55.0	20 600*	32.0
		34.0	60.1	55.1	27 500	62.0	54.7	25 900*	63.9	53.8	20 000*	34.0
		36.0	57.9	53.8	25 200	59.8	53.4	25 300*	61.6	52.5	19 500*	36.0
		38.0	55.7	52.4	23 100	57.5	52.0	23 800	59.3	51.1	19 000*	38.0
		42.0	50.9	49.3	19 700	52.8	48.9	20 200	54.4	47.9	18 100*	42.0
		46.0	45.8	45.5	16 900	47.6	45.1	17 300	49.1	44.0	17 400	46.0
		50.0				42.0	40.5	14 900	43.3	39.3	16 600	50.0

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93 890 kg CRANE COUNTERWEIGHT
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360 DEGREE RATING

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BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
5 1 :8	1 7 0	13.7	80.9	66.0	45 300*b							13.7
		14.0	80.6	66.0	45 000*b							14.0
		16.0	78.8	65.6	42 800*b							16.0
		18.0	77.0	65.1	40 600*b	79.0	64.7	33 100*b				18.0
		20.0	75.2	64.5	38 800*b	77.1	64.2	32 000*b	79.1	63.4	25 500*	20.0
		22.0	73.3	63.9	37 000*b	75.2	63.6	31 000*b	77.2	62.8	24 600*	22.0
		24.0	71.4	63.2	35 500*b	73.4	62.9	30 000*	75.3	62.1	23 700*	24.0
		26.0	69.6	62.5	34 100*b	71.5	62.1	29 200*	73.3	61.3	22 900*	26.0
		28.0	67.6	61.6	32 900*b	69.5	61.3	28 300*	71.4	60.4	22 200*	28.0
		30.0	65.7	60.7	31 700*b	67.6	60.3	27 600*	69.4	59.5	21 500*	30.0
		32.0	63.7	59.7	29 900b	65.6	59.3	26 900*	67.3	58.5	21 000*	32.0
		34.0	61.7	58.6	27 300b	63.5	58.2	26 300*	65.3	57.4	20 400*	34.0
		36.0	59.6	57.4	25 000	61.4	57.0	25 400	63.2	56.1	19 900*	36.0
		38.0	57.5	56.1	22 900	59.3	55.7	23 600	61.0	54.8	19 400*	38.0
		42.0	53.1	53.2	19 500	54.9	52.8	20 000	56.5	51.8	18 500*	42.0
		46.0	48.5	49.8	16 700	50.2	49.3	17 100	51.7	48.3	17 600	46.0
		50.0				45.1	45.2	14 800	46.5	44.1	15 100	50.0
5 4 :9	1 8 0	15.2	80.0	68.8	44 300*b							15.2
		16.0	79.3	68.7	43 400*b							16.0
		18.0	77.6	68.2	41 300*b	79.5	67.9	33 500*b				18.0
		20.0	75.9	67.7	39 500*b	77.7	67.4	32 400*b	79.6	66.6	25 700*	20.0
		22.0	74.1	67.1	37 800*b	75.9	66.8	31 400*b	77.8	66.0	24 800*	22.0
		24.0	72.3	66.5	36 200*b	74.1	66.1	30 400*b	76.0	65.3	24 000*	24.0
		26.0	70.5	65.7	34 900*b	72.3	65.4	29 500*	74.1	64.6	23 200*	26.0
		28.0	68.7	64.9	33 600*b	70.5	64.6	28 800*	72.3	63.8	22 500*	28.0
		30.0	66.9	64.1	32 200b	68.6	63.7	28 000*	70.4	62.9	21 900*	30.0
		32.0	65.0	63.1	29 500b	66.8	62.8	27 300*	68.5	61.9	21 300*	32.0
		34.0	63.1	62.1	26 900b	64.8	61.7	26 700	66.5	60.8	20 700*	34.0
		36.0	61.1	61.0	24 600	62.9	60.6	25 400	64.6	59.7	20 200*	36.0
		38.0	59.2	59.8	22 500	60.9	59.4	23 200	62.5	58.5	19 700*	38.0
		42.0	55.1	57.1	19 100	56.8	56.6	19 700	58.3	55.7	18 800*	42.0
		46.0				52.4	53.4	16 800	53.9	52.4	17 300	46.0
		50.0							49.1	48.6	14 800	50.0
5 7 :9	1 9 0	15.2	80.5	71.9	44 900*b							15.2
		16.0	79.8	71.8	44 000*b							16.0
		18.0	78.2	71.4	41 900*b	79.9	71.0	33 800*b				18.0
		20.0	76.5	70.9	40 100*b	78.3	70.5	32 700*b	80.0	69.7	25 900*	20.0
		22.0	74.8	70.3	38 400*b	76.6	69.9	31 700*b	78.3	69.1	25 100*	22.0
		24.0	73.1	69.7	36 900*b	74.9	69.3	30 800*b	76.6	68.5	24 300*	24.0
		26.0	71.4	69.0	35 500*b	73.1	68.6	29 900*	74.9	67.8	23 500*	26.0
		28.0	69.7	68.2	34 200*b	71.4	67.9	29 100*	73.1	67.0	22 800*	28.0
		30.0	67.9	67.4	32 300b	69.6	67.0	28 400*	71.3	66.2	22 200*	30.0
		32.0	66.1	66.5	29 200b	67.8	66.1	27 700*	69.5	65.3	21 600*	32.0
		34.0	64.3	65.5	26 500b	66.0	65.2	26 900	67.7	64.3	21 000*	34.0
		36.0	62.5	64.5	24 200	64.2	64.1	25 100	65.8	63.2	20 500*	36.0
		38.0	60.6	63.3	22 200	62.3	62.9	22 900	63.9	62.0	20 000*	38.0
		42.0	56.8	60.8	18 700	58.4	60.4	19 300	60.0	59.4	19 100*	42.0
		46.0				54.4	57.4	16 500	55.8	56.4	17 000	46.0
6 1 :0	2 0 0	15.2	80.9	75.0	45 300*b							15.2
		16.0	80.2	74.9	44 500*b							16.0
		18.0	78.7	74.5	42 600*b							18.0
		20.0	77.1	74.0	40 700*b	78.8	73.7	33 000*b	80.5	72.8	26 100*	20.0
		22.0	75.5	73.5	39 100*b	77.1	73.1	32 000*b	78.8	72.3	25 400*	22.0
		24.0	73.8	72.9	37 500*b	75.5	72.5	31 100*b	77.2	71.7	24 500*	24.0
		26.0	72.2	72.2	36 100*b	73.9	71.9	30 300*b	75.5	71.0	23 800*	26.0
		28.0	70.5	71.5	34 700b	72.2	71.1	29 500*	73.8	70.3	23 100*	28.0
		30.0	68.9	70.7	32 000b	70.5	70.3	28 800*	72.1	69.5	22 500*	30.0
		32.0	67.2	69.9	28 800b	68.8	69.5	28 100*	70.4	68.6	21 900*	32.0
		34.0	65.5	68.9	26 200b	67.1	68.6	27 200	68.7	67.7	21 300*	34.0
		36.0	63.7	67.9	23 900b	65.4	67.5	24 600	66.9	66.7	20 800*	36.0
		38.0	62.0	66.9	21 800	63.6	66.5	22 500	65.1	65.6	20 300*	38.0
		42.0	58.4	64.4	18 400	59.9	64.0	19 000	61.4	63.1	19 400	42.0
		46.0							57.5	60.3	16 700	46.0

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28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
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12.2m (40 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
6 4 0	2 1 0	16.8	80.0	77.8	39 600*b							16.8
		18.0	79.1	77.6	39 600*b							18.0
		20.0	77.6	77.1	39 600*b							20.0
		22.0	76.0	76.6	39 300*b	79.2	76.8	33 300*b				22.0
		24.0	74.5	76.1	38 200*b	77.7	76.3	32 300*b	79.3	75.5	25 600*	24.0
		26.0	72.9	75.4	36 800*b	76.1	75.7	31 400*b	77.7	74.9	24 800*	26.0
		28.0	71.4	74.8	35 100b	74.5	75.1	30 600*b	76.1	74.2	24 000*	28.0
		30.0	69.8	74.0	31 900b	73.0	74.4	29 800*	74.5	73.5	23 400*	30.0
		32.0	68.1	73.2	28 800b	71.4	73.6	29 100*	72.9	72.8	22 800*	32.0
		34.0	66.5	72.3	26 200b	69.7	72.8	28 400*	71.3	72.0	22 200*	34.0
		36.0	64.9	71.3	23 800b	68.1	71.9	26 900	69.6	71.1	21 600*	36.0
		38.0	63.2	70.3	21 800b	66.4	71.0	24 400	67.9	70.1	21 100*	38.0
		42.0	59.8	68.0	18 300	64.7	69.9	22 300	66.2	69.0	20 600*	42.0
		46.0				61.3	67.6	18 800	59.1	64.0	16 500	46.0
6 7 1	2 2 0	16.8	80.4	80.9	39 600*b							16.8
		18.0	79.5	80.7	39 600*b							18.0
		20.0	78.1	80.3	39 600*b							20.0
		22.0	76.6	79.8	39 600*b	79.6	79.9	33 600*b				22.0
		24.0	75.1	79.2	38 800*b	78.2	79.4	32 600*b	79.7	78.6	25 700*	24.0
		26.0	73.6	78.6	37 300b	76.7	78.9	31 800*b	78.2	78.1	25 000*	26.0
		28.0	72.1	78.0	35 300b	75.2	78.3	30 900*b	76.7	77.4	24 300*	28.0
		30.0	70.6	77.3	31 500b	73.6	77.6	30 200*b	75.2	76.8	23 600*	30.0
		32.0	69.0	76.5	28 500b	72.1	76.9	29 400*	73.6	76.0	23 000*	32.0
		34.0	67.5	75.6	25 800b	70.6	76.1	28 800*	72.0	75.2	22 400*	34.0
		36.0	65.9	74.7	23 500b	69.0	75.3	26 500	70.5	74.4	21 900*	36.0
		38.0	64.3	73.8	21 500b	67.4	74.3	24 100	68.9	73.5	21 400*	38.0
		42.0	61.0	71.6	18 000	65.8	73.4	22 000	67.2	72.5	20 900*	42.0
						62.5	71.2	18 400	63.9	70.3	19 200	
7 0 1	2 3 0	16.8	80.8	84.0	39 600*b							16.8
		18.0	79.9	83.8	39 600*b							18.0
		20.0	78.5	83.4	39 600*b							20.0
		22.0	77.1	82.9	39 600*b	80.0	83.0	33 800*b				22.0
		24.0	75.7	82.4	39 200*b	78.6	82.6	32 900*b	80.1	81.7	25 900*	24.0
		26.0	74.2	81.8	37 900b	77.2	82.0	32 000*b	78.7	81.2	25 300*	26.0
		28.0	72.8	81.2	34 800b	75.7	81.5	31 200*b	77.2	80.6	24 500*	28.0
		30.0	71.3	80.5	31 200b	74.3	80.8	30 500*b	75.7	80.0	23 900*	30.0
		32.0	69.8	79.8	28 100b	72.8	80.1	29 800*	74.3	79.3	23 300*	32.0
		34.0	68.4	79.0	25 500b	71.3	79.4	28 900	72.8	78.5	22 700*	34.0
		36.0	66.8	78.1	23 200b	69.8	78.6	26 200	71.2	77.7	22 100*	36.0
		38.0	65.3	77.2	21 100b	68.3	77.7	23 800	69.7	76.8	21 700*	38.0
		42.0				66.8	76.8	21 700	68.2	75.9	21 200*	42.0
						63.6	74.7	18 100	65.0	73.8	18 900	
7 3 2	2 4 0	18.3	80.1	86.9	39 600*b							18.3
		20.0	78.9	86.5	39 600*b							20.0
		22.0	77.6	86.1	39 600*b							22.0
		24.0	76.2	85.6	39 600*b	80.4	86.2	34 100*b				24.0
		26.0	74.8	85.0	38 400b	79.0	85.7	33 200*b	80.5	84.9	26 100*	26.0
		28.0	73.4	84.4	34 500b	77.6	85.2	32 300*b	79.1	84.4	25 500*	28.0
		30.0	72.0	83.7	30 800b	76.2	84.6	31 500*b	77.7	83.8	24 800*	30.0
		32.0	70.6	83.0	27 800b	74.8	84.0	30 800*b	76.3	83.2	24 100*	32.0
		34.0	69.2	82.2	25 100b	73.4	83.4	30 100*	74.8	82.5	23 500*	34.0
		36.0	67.7	81.4	22 800b	72.0	82.6	28 600	73.4	81.8	22 900*	36.0
		38.0	66.3	80.5	20 700b	70.6	81.9	25 900	72.0	81.0	22 400*	38.0
		42.0				69.1	81.0	23 500	70.5	80.2	21 900*	42.0
						67.7	80.1	21 400	69.0	79.2	21 400*	
									66.0	77.2	18 600	
7 6 2	2 5 0	18.3	80.4	90.0	39 600*b							18.3
		20.0	79.3	89.6	39 600*b							20.0
		22.0	78.0	89.2	39 600*b							22.0
		24.0	76.7	88.7	39 600*b	80.7	89.3	34 300*b				24.0
		26.0	75.3	88.2	38 900b	79.4	88.8	33 400*b	79.5	87.5	25 600*	26.0
		28.0	74.0	87.6	34 600b	78.1	88.3	32 600*b	78.1	87.0	25 000*	28.0
		30.0	72.6	87.0	31 000b	76.7	87.8	31 800*b	76.8	86.4	24 300*	30.0
		32.0	71.3	86.3	28 000b	75.4	87.2	31 000*b	75.4	85.7	23 700*	32.0
		34.0	69.9	85.5	25 300b	74.0	86.6	30 400*	74.0	85.0	23 200*	34.0
		36.0	68.5	84.7	23 000b	72.7	85.9	28 800	72.6	84.3	22 600*	36.0
		38.0	67.1	83.9	21 000b	71.3	85.1	26 100	71.2	83.5	22 200*	38.0
		42.0				69.9	84.3	23 700	69.8	82.6	21 700*	42.0
						68.5	83.5	21 600	66.9	80.7	18 800	

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

28 mm WHIP LINE

93 890 kg CRANE COUNTERWEIGHT

27 220 kg CARBODY COUNTERWEIGHT

360 DEGREE RATING

12.2m (40 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
7 9 2	2 6 0	18.3	80.7	93.1	39 600*b							18.3
		20.0	79.7	92.7	39 600*b							20.0
		22.0	78.4	92.3	39 600*b							22.0
		24.0	77.1	91.9	39 600*b	79.8	92.0	33 600*b	79.8	90.6	25 800*	24.0
		26.0	75.8	91.3	38 600b	78.5	91.5	32 800*b	78.5	90.1	25 200*	26.0
		28.0	74.5	90.8	34 300b	77.2	91.0	32 100*b	77.2	89.6	24 500*	28.0
		30.0	73.2	90.2	30 700b	75.9	90.4	31 300*b	75.9	89.6	24 500*	30.0
		32.0	71.9	89.5	27 700b	74.6	89.8	30 700*b	74.6	88.9	24 000*	32.0
		34.0	70.6	88.8	25 000b	73.3	89.1	28 500	73.3	88.3	23 400*	34.0
		36.0	69.3	88.0	22 600b	71.9	88.4	25 700	71.9	87.5	22 900*	36.0
		38.0	67.9	87.2	20 600b	70.6	87.6	23 400	70.6	86.7	22 400*	38.0
		42.0				69.2	86.8	21 200	69.2	85.9	21 900*	42.0
									67.7	84.1	18 500	

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

18.3m (60 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
3 9 · 6	1 3 0	15.2	79.8	59.4	32 800*b							15.2
		16.0	79.0	59.2	32 500*b							16.0
		18.0	77.0	58.7	31 600*							18.0
		20.0	75.0	58.1	30 800*	78.1	57.5	26 300*				20.0
		22.0	72.9	57.4	30 000*	76.0	56.8	25 900*	79.2	55.7	18 100*	22.0
		24.0	70.8	56.6	29 300*	73.9	56.1	25 400*	77.1	54.9	17 400*	24.0
		26.0	68.6	55.8	28 600*	71.8	55.2	25 000*	74.9	54.0	16 700*	26.0
		28.0	66.5	54.8	28 000*	69.6	54.2	24 500*	72.6	53.0	16 000*	28.0
		30.0	64.3	53.8	27 400*	67.3	53.2	23 600*	70.3	51.9	15 400*	30.0
		32.0	62.0	52.6	26 900*	65.0	52.0	22 700*	68.0	50.8	14 900*	32.0
		34.0	59.7	51.4	26 400*	62.7	50.8	21 800*	65.6	49.5	14 400*	34.0
		36.0	57.3	50.0	25 900*	60.3	49.4	21 000*	63.1	48.0	13 900*	36.0
		38.0	54.9	48.5	25 000*	57.8	47.9	20 200*	60.5	46.5	13 500*	38.0
		42.0	49.7	45.1	21 500*	52.6	44.4	18 700*	55.1	42.9	12 800*	42.0
		46.0	44.1	41.0	18 700*	46.8	40.2	17 600*	49.1	38.5	12 300*	46.0
		50.0	37.7	35.8	16 400	40.3	34.9	16 600				50.0
		54.0	30.1	29.2	14 400							54.0
4 2 · 7	1 4 0	15.2	80.3	62.5	33 100*b							15.2
		16.0	79.6	62.4	32 700*b							16.0
		18.0	77.7	61.9	31 900*							18.0
		20.0	75.7	61.3	31 100*	78.7	60.7	26 500*				20.0
		22.0	73.8	60.6	30 300*	76.8	60.1	26 000*	79.8	58.9	18 400*	22.0
		24.0	71.8	59.9	29 600*	74.8	59.3	25 600*	77.8	58.1	17 600*	24.0
		26.0	69.8	59.1	29 000*	72.7	58.5	25 200*	75.7	57.3	16 900*	26.0
		28.0	67.7	58.2	28 400*	70.7	57.6	24 700*	73.6	56.4	16 200*	28.0
		30.0	65.7	57.2	27 800*	68.6	56.6	24 200*	71.4	55.4	15 700*	30.0
		32.0	63.6	56.2	27 300*	66.4	55.5	23 200*	69.3	54.3	15 100*	32.0
		34.0	61.4	55.0	26 700*	64.3	54.4	22 400*	67.0	53.1	14 700*	34.0
		36.0	59.2	53.7	26 200	62.0	53.1	21 600*	64.7	51.7	14 200*	36.0
		38.0	56.9	52.3	24 700	59.7	51.7	20 800*	62.4	50.3	13 800*	38.0
		42.0	52.2	49.2	21 100	54.9	48.5	19 300*	57.4	47.0	13 100*	42.0
		46.0	47.1	45.4	18 300	49.7	44.7	18 100*	52.0	43.1	12 500*	46.0
		50.0	41.5	40.9	16 000	44.0	40.1	16 300				50.0
		54.0	35.0	35.3	14 000	37.4	34.3	14 200				54.0
4 5 · 7	1 5 0	15.2	80.8	65.7	33 200*b							15.2
		16.0	80.1	65.5	32 900*b							16.0
		18.0	78.3	65.0	32 100*							18.0
		20.0	76.4	64.5	31 400*	79.3	63.9	26 700*				20.0
		22.0	74.6	63.8	30 600*	77.4	63.3	26 200*	80.3	62.1	18 600*	22.0
		24.0	72.7	63.2	29 900*	75.5	62.6	25 700*	78.4	61.4	17 800*	24.0
		26.0	70.8	62.4	29 300*	73.6	61.8	25 300*	76.4	60.6	17 100*	26.0
		28.0	68.9	61.5	28 700*	71.7	60.9	24 900*	74.5	59.7	16 500*	28.0
		30.0	66.9	60.6	28 100*	69.7	60.0	24 500*	72.4	58.8	15 900*	30.0
		32.0	64.9	59.6	27 600*	67.7	59.0	23 700*	70.4	57.7	15 400*	32.0
		34.0	62.9	58.5	27 100*	65.6	57.9	22 900*	68.3	56.6	14 900*	34.0
		36.0	60.8	57.3	26 300	63.6	56.7	22 100*	66.1	55.3	14 500*	36.0
		38.0	58.7	56.0	24 300	61.4	55.4	21 300*	64.0	54.0	14 100*	38.0
		42.0	54.3	53.1	20 800	57.0	52.4	19 900*	59.4	51.0	13 300*	42.0
		46.0	49.7	49.7	18 000	52.2	48.9	18 400	54.5	47.4	12 700*	46.0
		50.0	44.6	45.6	15 700	47.1	44.8	16 000	49.1	43.1	12 300*	50.0
		54.0	39.0	40.7	13 700	41.3	39.8	14 000				54.0
4 8 · 8	1 6 0	16.8	79.8	68.4	32 800*b							16.8
		18.0	78.8	68.1	32 400*b							18.0
		20.0	77.0	67.6	31 600*	79.8	67.0	26 800*				20.0
		22.0	75.3	67.0	30 900*	78.0	66.4	26 300*				22.0
		24.0	73.5	66.4	30 200*	76.2	65.8	25 900*	79.0	64.6	18 000*	24.0
		26.0	71.7	65.7	29 600*	74.4	65.1	25 500*	77.1	63.8	17 300*	26.0
		28.0	69.9	64.9	29 000*	72.6	64.2	25 100*	75.2	63.0	16 700*	28.0
		30.0	68.0	64.0	28 400*	70.7	63.4	24 800*	73.3	62.1	16 100*	30.0
		32.0	66.1	63.0	27 900*	68.8	62.4	24 200*	71.4	61.1	15 600*	32.0
		34.0	64.2	62.0	27 400	66.9	61.4	23 400*	69.4	60.1	15 100*	34.0
		36.0	62.3	60.9	26 200	64.9	60.2	22 600*	67.4	58.9	14 700*	36.0
		38.0	60.3	59.7	24 000	62.9	59.0	21 900*	65.4	57.6	14 300*	38.0
		42.0	56.2	57.0	20 500	58.8	56.3	20 400*	61.1	54.8	13 600*	42.0
		46.0	51.9	53.8	17 600	54.4	53.0	18 000	56.6	51.5	13 000*	46.0
		50.0	47.3	50.1	15 300	49.7	49.3	15 600	51.7	47.6	12 500*	50.0

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

18.3m (60 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
5 1 :8	1 7 0	16.8	80.3	71.5	33 100*b							16.8
		18.0	79.3	71.3	32 600*b							18.0
		20.0	77.6	70.8	31 800*	80.3	70.2	26 900*				20.0
		22.0	75.9	70.2	31 200*	78.6	69.6	26 500*				22.0
		24.0	74.2	69.6	30 500*	76.8	69.0	26 100*	79.5	67.8	18 200*	24.0
		26.0	72.5	68.9	29 900*	75.1	68.3	25 700*	77.7	67.1	17 500*	26.0
		28.0	70.8	68.1	29 300*	73.4	67.5	25 300*	75.9	66.3	16 900*	28.0
		30.0	69.0	67.3	28 700*	71.6	66.7	24 900*	74.1	65.4	16 400*	30.0
		32.0	67.3	66.4	28 200*	69.8	65.8	24 600*	72.3	64.5	15 800*	32.0
		34.0	65.5	65.4	27 600	68.0	64.8	23 900*	70.4	63.5	15 400*	34.0
		36.0	63.6	64.4	25 900	66.1	63.7	23 100*	68.5	62.4	14 900*	36.0
		38.0	61.8	63.2	23 700	64.2	62.6	22 300*	66.6	61.2	14 500*	38.0
		42.0	57.9	60.7	20 200	60.3	60.0	20 700	62.6	58.6	13 800*	42.0
		46.0	53.9	57.7	17 400	56.3	57.0	17 900	58.4	55.5	13 200*	46.0
		50.0	49.6	54.3	15 100	51.9	53.5	15 400	53.9	51.9	12 600*	50.0
		54.0							49.1	47.7	12 200*	54.0
5 4 :9	1 8 0	16.8	80.7	74.7	33 200*b							16.8
		18.0	79.7	74.4	32 800*b							18.0
		20.0	78.1	73.9	32 000*b	80.7	73.3	27 000*				20.0
		22.0	76.5	73.4	31 400*	79.1	72.8	26 600*				22.0
		24.0	74.9	72.8	30 700*	77.4	72.2	26 200*	79.9	70.9	18 300*	24.0
		26.0	73.3	72.1	30 100*	75.8	71.5	25 800*	78.3	70.3	17 700*	26.0
		28.0	71.6	71.4	29 500*	74.1	70.8	25 400*	76.6	69.5	17 100*	28.0
		30.0	70.0	70.6	29 000*	72.4	70.0	25 100*	74.8	68.7	16 500*	30.0
		32.0	68.3	69.8	28 500*	70.7	69.1	24 800*	73.1	67.8	16 100*	32.0
		34.0	66.6	68.8	27 800	69.0	68.2	24 300*	71.3	66.9	15 600*	34.0
		36.0	64.8	67.8	25 500	67.2	67.2	23 500*	69.5	65.8	15 100*	36.0
		38.0	63.0	66.8	23 400	65.4	66.1	22 800*	67.7	64.7	14 700*	38.0
		42.0	59.4	64.4	19 900	61.8	63.7	20 500	64.0	62.2	14 000*	42.0
		46.0	55.6	61.6	17 100	57.9	60.8	17 500	60.0	59.4	13 400*	46.0
		50.0				53.9	57.6	15 100	55.9	56.0	12 900*	50.0
5 7 :9	1 9 0	18.3	79.9	77.4	32 900*b							18.3
		20.0	78.6	77.1	32 300*b							20.0
		22.0	77.1	76.5	31 600*	79.5	75.9	26 700*				22.0
		24.0	75.5	76.0	31 000*	77.9	75.4	26 300*				24.0
		26.0	74.0	75.3	30 400*	76.4	74.7	25 900*	78.8	73.5	17 800*	26.0
		28.0	72.4	74.7	29 800*	74.8	74.0	25 600*	77.1	72.8	17 300*	28.0
		30.0	70.8	73.9	29 300*	73.2	73.3	25 200*	75.5	72.0	16 700*	30.0
		32.0	69.2	73.1	28 800*	71.5	72.4	24 900*	73.8	71.1	16 200*	32.0
		34.0	67.6	72.2	27 600	69.9	71.6	24 600*	72.2	70.2	15 800*	34.0
		36.0	65.9	71.3	25 100	68.2	70.6	24 000*	70.5	69.2	15 400*	36.0
		38.0	64.2	70.2	23 000	66.5	69.6	23 200*	68.7	68.2	14 900*	38.0
		42.0	60.8	67.9	19 500	63.1	67.3	20 200	65.2	65.8	14 200*	42.0
		46.0	57.2	65.3	16 700	59.4	64.6	17 200	61.5	63.1	13 600*	46.0
		50.0				55.7	61.6	14 800	57.6	60.0	13 000*	50.0
6 1 :0	2 0 0	18.3	80.3	80.6	33 100*b							18.3
		20.0	79.1	80.2	32 500*b							20.0
		22.0	77.6	79.7	31 800*b	79.9	79.1	26 800*				22.0
		24.0	76.1	79.2	31 200*	78.4	78.5	26 400*				24.0
		26.0	74.6	78.6	30 600*	76.9	77.9	26 100*	79.2	76.6	18 000*	26.0
		28.0	73.1	77.9	30 000*	75.4	77.3	25 700*	77.7	76.0	17 400*	28.0
		30.0	71.6	77.2	29 500*	73.8	76.5	25 400*	76.1	75.2	16 900*	30.0
		32.0	70.0	76.4	29 000*	72.3	75.7	25 100*	74.5	74.4	16 400*	32.0
		34.0	68.5	75.5	27 200	70.7	74.9	24 700*	72.9	73.6	15 900*	34.0
		36.0	66.9	74.6	24 800	69.1	74.0	24 400*	71.3	72.6	15 500*	36.0
		38.0	65.3	73.7	22 700	67.5	73.0	23 400	69.7	71.6	15 100*	38.0
		42.0	62.0	71.5	19 200	64.2	70.8	19 800	66.3	69.4	14 400*	42.0
		46.0				60.8	68.3	16 900	62.8	66.8	13 800*	46.0
		50.0							59.2	63.9	13 200*	50.0

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

18.3m (60 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
6 4 0	2 1 0	18.3	80.7	83.7	33 200*b							18.3
		20.0	79.5	83.3	32 600*b							20.0
		22.0	78.1	82.8	32 000*b							22.0
		24.0	76.6	82.3	31 400*	80.3	82.2	26 900*				24.0
		26.0	75.2	81.7	30 900*	78.9	81.7	26 500*				26.0
		28.0	73.7	81.1	30 300*	77.4	81.1	26 200*	79.6	79.8	18 200*	28.0
		30.0	72.3	80.4	29 800*	76.0	80.5	25 800*	78.2	79.2	17 600*	30.0
		32.0	70.8	79.7	29 300*	74.5	79.8	25 500*	76.7	78.5	17 100*	32.0
		34.0	69.3	78.9	26 900	73.0	79.0	25 200*	75.1	77.7	16 600*	34.0
		36.0	67.8	78.0	24 500	71.5	78.2	24 900*	73.6	76.9	16 100*	36.0
		38.0	66.3	77.1	22 500	70.0	77.3	24 600*	72.1	76.0	15 700*	38.0
		42.0	63.2	75.0	18 900	68.4	76.4	23 300	70.5	75.0	15 300*	42.0
		46.0				65.3	74.3	19 600	67.3	72.9	14 600*	46.0
		50.0				62.0	71.9	16 700	64.0	70.5	14 000*	50.0
									60.5	67.7	13 400*	
6 7 1	2 2 0	19.8	80.0	86.5	32 900*b							19.8
		20.0	79.9	86.4	32 800*b							20.0
		22.0	78.5	86.0	32 200*b							22.0
		24.0	77.1	85.5	31 600*	79.3	84.8	26 600*				24.0
		26.0	75.7	84.9	31 000*	77.9	84.3	26 300*	80.0	83.0	18 300*	26.0
		28.0	74.3	84.3	30 500*	76.5	83.7	25 900*	78.6	82.4	17 700*	28.0
		30.0	72.9	83.6	30 000*	75.1	83.0	25 600*	77.2	81.7	17 200*	30.0
		32.0	71.5	82.9	29 300	73.6	82.3	25 300*	75.7	80.9	16 700*	32.0
		34.0	70.1	82.2	26 600	72.2	81.5	25 000*	74.2	80.1	16 300*	34.0
		36.0	68.6	81.3	24 200	70.7	80.6	24 600	72.8	79.3	15 800*	36.0
		38.0	67.2	80.4	22 100	69.3	79.7	23 000	71.3	78.4	15 500*	38.0
		42.0	64.2	78.5	18 600	66.3	77.8	19 300	68.2	76.3	14 800*	42.0
		46.0							65.1	74.0	14 100*	46.0
7 0 1	2 3 0	19.8	80.3	89.6	33 100*b							19.8
		20.0	80.2	89.5	33 000*b							20.0
		22.0	78.9	89.1	32 400*b							22.0
		24.0	77.6	88.6	31 800*	79.7	88.0	26 700*				24.0
		26.0	76.2	88.1	31 300*	78.3	87.4	26 400*	80.4	86.1	18 400*	26.0
		28.0	74.9	87.5	30 700*	77.0	86.8	26 100*	79.0	85.5	17 900*	28.0
		30.0	73.5	86.9	30 200*	75.6	86.2	25 700*	77.6	84.9	17 400*	30.0
		32.0	72.2	86.2	28 900	74.2	85.5	25 400*	76.2	84.2	16 900*	32.0
		34.0	70.8	85.4	26 200	72.8	84.8	25 200*	74.8	83.4	16 500*	34.0
		36.0	69.4	84.6	23 900	71.4	84.0	24 600	73.4	82.6	16 000*	36.0
		38.0	68.0	83.8	21 800	70.0	83.1	22 700	72.0	81.7	15 600*	38.0
		42.0	65.2	81.9	18 300	67.1	81.2	19 000	69.0	79.8	14 900*	42.0
		46.0							66.0	77.6	14 300*	46.0
7 3 2	2 4 0	19.8	80.7	92.7	33 200*b							19.8
		20.0	80.5	92.7	33 100*b							20.0
		22.0	79.3	92.2	32 500*b							22.0
		24.0	78.0	91.8	32 000*	80.0	91.1	26 800*				24.0
		26.0	76.7	91.2	31 500*	78.7	90.6	26 500*	80.7	89.3	18 500*	26.0
		28.0	75.4	90.7	30 900*	77.4	90.0	26 200*	79.4	88.7	18 000*	28.0
		30.0	74.1	90.1	30 400*	76.1	89.4	25 900*	78.1	88.1	17 500*	30.0
		32.0	72.8	89.4	28 600	74.8	88.7	25 600*	76.7	87.4	17 000*	32.0
		34.0	71.5	88.7	25 900	73.4	88.0	25 300*	75.4	86.7	16 600*	34.0
		36.0	70.1	87.9	23 500	72.1	87.2	24 500	74.0	85.9	16 200*	36.0
		38.0	68.8	87.1	21 500	70.7	86.4	22 400	72.6	85.0	15 800*	38.0
		42.0				68.0	84.6	18 700	69.8	83.2	15 100*	42.0
		46.0							66.9	81.1	14 500*	46.0
7 6 2	2 5 0	19.8	81.0	95.8	26 700*b							19.8
		20.0	80.9	95.8	26 700*b							20.0
		22.0	79.6	95.3	26 700*b							22.0
		24.0	78.4	94.9	26 700*b							24.0
		26.0	77.1	94.4	26 700*	79.1	93.7	26 600*				26.0
		28.0	75.9	93.9	26 700*	77.8	93.2	26 300*	79.8	91.9	18 100*	28.0
		30.0	74.6	93.3	26 700*	76.6	92.6	26 000*	78.5	91.3	17 600*	30.0
		32.0	73.4	92.6	26 700*	75.3	91.9	25 700*	77.2	90.6	17 100*	32.0
		34.0	72.1	91.9	26 200	74.0	91.3	25 400*	75.9	89.9	16 700*	34.0
		36.0	70.8	91.2	24 000	72.7	90.5	24 600	74.6	89.1	16 300*	36.0
		38.0	69.5	90.4	21 900	71.4	89.7	22 500	73.2	88.3	15 900*	38.0
		42.0	66.9	88.6	18 400	68.7	87.9	18 800	70.5	86.5	15 200*	42.0
		46.0							67.8	84.5	14 600*	46.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

18.3m (60 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
7 9 · 2	2 6 0	21.3	80.4	98.6	26 700* ^b							21.3
		22.0	79.9	98.5	26 700* ^b							22.0
		24.0	78.8	98.0	26 700* ^b							24.0
		26.0	77.6	97.5	26 700*	79.4	96.9	26 700*				26.0
		28.0	76.3	97.0	26 700*	78.2	96.4	26 400*	80.1	95.0	18 200*	28.0
		30.0	75.1	96.4	26 700*	77.0	95.8	26 100*	78.9	94.4	17 800*	30.0
		32.0	73.9	95.8	26 700*	75.8	95.2	25 800*	77.6	93.8	17 300*	32.0
		34.0	72.7	95.2	26 200	74.5	94.5	25 500*	76.4	93.1	16 900*	34.0
		36.0	71.4	94.4	23 700	73.3	93.8	24 500	75.1	92.4	16 400*	36.0
		38.0	70.2	93.7	21 600	72.0	93.0	22 200	73.8	91.6	16 100*	38.0
		42.0	67.6	92.0	18 000	69.5	91.3	18 600	71.2	89.9	15 400*	42.0
		46.0							68.6	87.9	14 700*	46.0

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LIFT CRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

24.4m (80 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
3 9 :6	1 3 :0	16.8	80.1	65.3	23 300*							16.8
		18.0	79.0	65.0	22 900*							18.0
		20.0	77.2	64.4	22 300*							20.0
		22.0	75.3	63.8	21 700*	79.2	63.1	19 700*				22.0
		24.0	73.5	63.1	21 100*	77.3	62.4	19 300*				24.0
		26.0	71.6	62.4	20 600*	75.4	61.7	18 900*	79.3	60.3	14 300*	26.0
		28.0	69.6	61.5	20 100*	73.4	60.8	18 500*	77.3	59.4	13 600*	28.0
		30.0	67.7	60.6	19 700*	71.5	59.9	18 100*	75.3	58.4	13 100*	30.0
		32.0	65.7	59.6	19 200*	69.5	58.9	17 800*	73.2	57.4	12 600*	32.0
		34.0	63.7	58.5	18 800*	67.4	57.8	17 400*	71.1	56.2	12 100*	34.0
		36.0	61.6	57.3	18 400*	65.3	56.6	17 100*	68.9	55.0	11 700*	36.0
		38.0	59.5	56.0	18 000*	63.2	55.2	16 800*	66.7	53.7	11 400*	38.0
		42.0	55.1	53.1	17 400*	58.7	52.3	15 500*	62.1	50.6	10 700*	42.0
		46.0	50.4	49.7	16 700*	53.9	48.8	14 300*	57.2	47.0	10 100*	46.0
		50.0	45.4	45.6	16 200*	48.8	44.6	13 400*	51.8	42.6	9 600*	50.0
		54.0	39.7	40.7	14 900	43.0	39.6	12 600*				54.0
		58.0	33.2	34.5	13 200							58.0
4 2 :7	1 4 :0	16.8	80.6	68.4	23 500*							16.8
		18.0	79.6	68.1	23 100*							18.0
		20.0	77.8	67.6	22 500*							20.0
		22.0	76.0	67.0	21 900*	79.7	66.3	19 900*				22.0
		24.0	74.3	66.4	21 400*	77.9	65.7	19 400*				24.0
		26.0	72.4	65.6	20 900*	76.1	64.9	19 000*	79.8	63.5	14 400*	26.0
		28.0	70.6	64.8	20 400*	74.3	64.1	18 700*	77.9	62.7	13 800*	28.0
		30.0	68.8	64.0	19 900*	72.4	63.2	18 300*	76.0	61.8	13 300*	30.0
		32.0	66.9	63.0	19 500*	70.5	62.3	18 000*	74.1	60.8	12 800*	32.0
		34.0	65.0	62.0	19 100*	68.6	61.2	17 600*	72.1	59.7	12 300*	34.0
		36.0	63.0	60.9	18 700*	66.6	60.1	17 300*	70.1	58.5	11 900*	36.0
		38.0	61.1	59.7	18 300*	64.6	58.9	17 000*	68.0	57.3	11 500*	38.0
		42.0	57.0	56.9	17 600*	60.4	56.1	16 000*	63.7	54.4	10 900*	42.0
		46.0	52.6	53.8	17 000*	56.0	52.9	14 800*	59.2	51.1	10 300*	46.0
		50.0	48.0	50.0	16 400	51.3	49.1	13 800*	54.2	47.1	9 800*	50.0
		54.0	43.0	45.6	14 500	46.1	44.6	13 000*	48.8	42.4	9 400*	54.0
		58.0	37.3	40.3	12 800	40.3	39.1	12 300*				58.0
4 5 :7	1 5 :0	18.3	79.8	71.2	23 200*							18.3
		20.0	78.3	70.8	22 700*							20.0
		22.0	76.7	70.2	22 100*							22.0
		24.0	75.0	69.6	21 600*	80.2	69.5	20 000*				24.0
		26.0	73.2	68.9	21 100*	78.5	68.9	19 600*				26.0
		28.0	71.5	68.1	20 600*	76.7	68.2	19 200*	80.3	66.7	14 500*	28.0
		30.0	69.8	67.3	20 200*	75.0	67.4	18 800*	78.5	65.9	13 900*	30.0
		32.0	68.0	66.4	19 700*	73.2	66.6	18 500*	76.7	65.0	13 400*	32.0
		34.0	66.2	65.4	19 300*	71.4	65.6	18 100*	74.8	64.1	13 000*	34.0
		36.0	64.3	64.4	18 900*	69.6	64.7	17 800*	73.0	63.1	12 500*	36.0
		38.0	62.5	63.2	18 600*	67.7	63.6	17 500*	71.1	62.0	12 100*	38.0
		42.0	58.6	60.7	17 900*	65.8	62.4	17 200*	69.1	60.8	11 700*	42.0
		46.0	54.6	57.7	17 300*	61.9	59.8	16 500*	65.1	58.1	11 100*	46.0
		50.0	50.3	54.3	16 200	57.8	56.8	15 300*	60.9	55.0	10 500*	50.0
		54.0	45.7	50.2	14 200	53.5	53.3	14 200*	56.4	51.4	10 000*	54.0
		58.0			14 200	48.8	49.2	13 400*	51.5	47.1	9 600*	58.0
4 8 :8	1 6 :0	18.3	80.2	74.3	23 300*							18.3
		20.0	78.8	73.9	22 800*							20.0
		22.0	77.2	73.4	22 300*							22.0
		24.0	75.6	72.8	21 800*							24.0
		26.0	74.0	72.1	21 300*	79.0	72.0	19 700*				26.0
		28.0	72.3	71.4	20 800*	77.3	71.4	19 300*	80.7	69.9	14 700*	28.0
		30.0	70.6	70.6	20 400*	75.7	70.6	18 900*	79.0	69.1	14 100*	30.0
		32.0	69.0	69.7	20 000*	74.0	69.8	18 600*	77.3	68.3	13 600*	32.0
		34.0	67.2	68.8	19 600*	72.3	69.0	18 300*	75.6	67.4	13 100*	34.0
		36.0	65.5	67.8	19 200*	70.5	68.0	17 900*	73.8	66.5	12 700*	36.0
		38.0	63.7	66.7	18 800*	68.8	67.0	17 600*	72.0	65.4	12 300*	38.0
		42.0	60.1	64.3	18 100*	67.0	65.9	17 400*	70.1	64.3	11 900*	42.0
		46.0	56.3	61.5	17 500*	63.3	63.5	16 800*	66.4	61.8	11 200*	46.0
		50.0	52.3	58.3	15 800	59.4	60.7	15 700*	62.4	58.9	10 700*	50.0
		54.0	48.1	54.6	13 800	55.4	57.4	14 600*	58.2	55.5	10 100*	54.0
		58.0			13 800	51.1	53.7	13 700*	53.7	51.6	9 700*	58.0
									48.9	47.0	9 400*	58.0

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JAPANESE
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M-250 SERIES 2

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BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

24.4m (80 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
5 1 :8	1 7 0	18.3	80.6	77.4	23 400*							18.3
		20.0	79.3	77.0	23 000*							20.0
		22.0	77.7	76.5	22 500*							22.0
		24.0	76.2	76.0	22 000*	79.4	75.2	19 800*				24.0
		26.0	74.6	75.3	21 500*	77.9	74.6	19 400*				26.0
		28.0	73.1	74.6	21 000*	76.3	73.9	19 100*	79.5	72.3	14 200*	28.0
		30.0	71.5	73.9	20 600*	74.6	73.1	18 700*	77.9	71.6	13 700*	30.0
		32.0	69.8	73.1	20 200*	73.0	72.3	18 400*	76.2	70.7	13 200*	32.0
		34.0	68.2	72.2	19 800*	71.4	71.4	18 100*	74.5	69.8	12 800*	34.0
		36.0	66.6	71.2	19 400*	69.7	70.4	17 800*	72.8	68.8	12 400*	36.0
		38.0	64.9	70.2	19 100*	68.0	69.4	17 500*	71.0	67.8	12 100*	38.0
		42.0	61.4	67.9	18 400*	64.5	67.1	17 000*	67.5	65.4	11 400*	42.0
		46.0	57.9	65.3	17 700	60.9	64.4	16 100*	63.8	62.6	10 800*	46.0
		50.0	54.1	62.3	15 600	57.1	61.4	15 000*	59.8	59.5	10 300*	50.0
		54.0				53.1	57.9	14 000	55.7	55.9	9 900*	54.0
5 4 :9	1 8 0	18.3	81.0	80.5	23 600*							18.3
		20.0	79.7	80.2	23 100*							20.0
		22.0	78.2	79.7	22 600*							22.0
		24.0	76.7	79.1	22 100*	79.9	78.4	19 900*				24.0
		26.0	75.2	78.5	21 700*	78.3	77.8	19 500*				26.0
		28.0	73.7	77.9	21 200*	76.8	77.1	19 200*	79.9	75.5	14 400*	28.0
		30.0	72.2	77.1	20 800*	75.3	76.4	18 800*	78.4	74.8	13 800*	30.0
		32.0	70.7	76.4	20 400*	73.7	75.6	18 500*	76.8	74.0	13 400*	32.0
		34.0	69.1	75.5	20 000*	72.1	74.7	18 300*	75.2	73.1	13 000*	34.0
		36.0	67.5	74.6	19 600*	70.5	73.8	18 000*	73.5	72.2	12 600*	36.0
		38.0	65.9	73.6	19 300*	68.9	72.8	17 700*	71.9	71.2	12 200*	38.0
		42.0	62.7	71.5	18 600*	65.6	70.6	17 200*	68.5	68.9	11 600*	42.0
		46.0	59.3	69.0	17 700	62.2	68.1	16 500*	65.0	66.3	11 000*	46.0
		50.0	55.8	66.2	15 300	58.6	65.2	15 400*	61.3	63.4	10 500*	50.0
		54.0				54.9	62.0	13 800	57.4	60.0	10 000*	54.0
5 7 :9	1 9 0	19.8	80.2	83.3	23 300*							19.8
		20.0	80.1	83.3	23 300*							20.0
		22.0	78.7	82.8	22 800*							22.0
		24.0	77.2	82.3	22 300*							24.0
		26.0	75.8	81.7	21 800*	78.8	80.9	19 600*				26.0
		28.0	74.4	81.1	21 400*	77.3	80.3	19 300*	80.3	78.7	14 500*	28.0
		30.0	72.9	80.4	21 000*	75.8	79.6	19 000*	78.8	78.0	14 000*	30.0
		32.0	71.4	79.6	20 600*	74.4	78.8	18 700*	77.3	77.2	13 500*	32.0
		34.0	69.9	78.8	20 200*	72.8	78.0	18 400*	75.8	76.4	13 100*	34.0
		36.0	68.4	78.0	19 800*	71.3	77.1	18 100*	74.2	75.5	12 700*	36.0
		38.0	66.9	77.0	19 500*	69.8	76.2	17 800*	72.6	74.5	12 300*	38.0
		42.0	63.8	75.0	18 800*	66.6	74.1	17 300*	69.4	72.4	11 700*	42.0
		46.0	60.6	72.6	17 300	63.4	71.7	16 900*	66.1	70.0	11 100*	46.0
		50.0	57.2	69.9	14 900	60.0	69.0	15 600	62.6	67.2	10 600*	50.0
		54.0							59.0	64.0	10 200*	54.0
6 1 :0	2 0 0	19.8	80.6	86.4	23 400*							19.8
		20.0	80.5	86.4	23 400*							20.0
		22.0	79.1	85.9	22 900*							22.0
		24.0	77.7	85.4	22 400*							24.0
		26.0	76.3	84.9	22 000*	79.2	84.1	19 700*				26.0
		28.0	74.9	84.3	21 600*	77.8	83.5	19 400*				28.0
		30.0	73.5	83.6	21 200*	76.4	82.8	19 100*	79.3	81.2	14 100*	30.0
		32.0	72.1	82.9	20 800*	74.9	82.1	18 800*	77.8	80.5	13 600*	32.0
		34.0	70.7	82.1	20 400*	73.5	81.3	18 500*	76.3	79.7	13 200*	34.0
		36.0	69.2	81.3	20 000*	72.0	80.5	18 200*	74.8	78.8	12 800*	36.0
		38.0	67.8	80.4	19 700*	70.6	79.6	18 000*	73.3	77.9	12 500*	38.0
		42.0	64.8	78.4	19 000*	67.6	77.6	17 400*	70.2	75.8	11 800*	42.0
		46.0	61.7	76.2	17 000	64.5	75.3	17 000*	67.1	73.5	11 300*	46.0
		50.0				61.3	72.7	15 300	63.8	70.9	10 800*	50.0
		54.0							60.4	67.9	10 300*	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

24.4m (80 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
6 4 0	2 1 0	19.8	80.9	89.6	23 600*							19.8
		20.0	80.8	89.5	23 500*							20.0
		22.0	79.5	89.1	23 100*							22.0
		24.0	78.1	88.6	22 600*							24.0
		26.0	76.8	88.1	22 200*							26.0
		28.0	75.5	87.5	21 700*	79.6	87.3	19 800*				28.0
		30.0	74.1	86.8	21 300*	78.2	86.7	19 500*				30.0
		32.0	72.7	86.1	21 000*	76.9	86.0	19 200*	79.7	84.4	14 200*	32.0
		34.0	71.4	85.4	20 600*	75.5	85.3	18 900*	78.3	83.7	13 700*	34.0
		36.0	70.0	84.6	20 200*	74.1	84.6	18 600*	76.8	82.9	13 400*	36.0
		38.0	68.6	83.7	19 900*	72.7	83.8	18 300*	75.4	82.1	13 000*	38.0
		42.0	65.7	81.8	19 200	71.3	82.9	18 100*	74.0	81.2	12 600*	42.0
6 7 1	2 2 0	46.0	62.8	79.7	16 700	68.4	81.0	17 600*	71.0	79.3	12 000*	46.0
		50.0				65.4	78.8	17 100	68.0	77.0	11 400*	50.0
						62.4	76.4	15 100	64.9	74.5	10 900*	
		21.3	80.3	92.4	23 400*							21.3
		22.0	79.8	92.2	23 200*							22.0
		24.0	78.5	91.7	22 700*							24.0
		26.0	77.3	91.2	22 300*	80.0	90.4	19 900*				26.0
		28.0	76.0	90.6	21 900*	78.6	89.8	19 600*				28.0
		30.0	74.7	90.0	21 500*	77.3	89.2	19 300*	80.0	87.6	14 300*	30.0
		32.0	73.3	89.4	21 100*	76.0	88.5	19 000*	78.7	86.9	13 900*	32.0
		34.0	72.0	88.6	20 700*	74.7	87.8	18 700*	77.3	86.2	13 500*	34.0
		36.0	70.7	87.9	20 400*	73.3	87.0	18 500*	75.9	85.4	13 100*	36.0
7 0 1	2 3 0	38.0	69.3	87.1	20 100*	72.0	86.2	18 200*	74.6	84.5	12 800*	38.0
		42.0	66.6	85.2	19 200	69.2	84.4	17 700*	71.7	82.6	12 100*	42.0
		46.0				66.4	82.3	17 200	68.8	80.5	11 500*	46.0
		50.0							65.9	78.1	11 100*	50.0
		21.3	80.6	95.5	23 400*							21.3
		22.0	80.2	95.3	23 300*							22.0
		24.0	78.9	94.9	22 900*							24.0
		26.0	77.7	94.4	22 400*	80.3	93.6	20 000*				26.0
		28.0	76.4	93.8	22 000*	79.0	93.0	19 700*				28.0
		30.0	75.2	93.2	21 600*	77.8	92.4	19 400*				30.0
		32.0	73.9	92.6	21 300*	76.5	91.8	19 100*	79.1	90.1	14 000*	32.0
		34.0	72.6	91.9	20 900*	75.2	91.1	18 800*	77.8	89.4	13 600*	34.0
7 3 2	2 4 0	36.0	71.3	91.1	20 600*	73.9	90.3	18 600*	76.4	88.6	13 200*	36.0
		38.0	70.0	90.4	20 200*	72.6	89.5	18 300*	75.1	87.8	12 800*	38.0
		42.0	67.4	88.6	19 100	69.9	87.7	17 900*	72.4	86.0	12 200*	42.0
		46.0				67.2	85.8	17 000	69.6	84.0	11 700*	46.0
		50.0							66.8	81.7	11 100*	50.0
		21.3	80.9	98.6	23 600*							21.3
		22.0	80.5	98.4	23 400*							22.0
		24.0	79.3	98.0	23 000*							24.0
		26.0	78.1	97.5	22 600*	80.6	96.7	20 100*				26.0
		28.0	76.9	97.0	22 200*	79.4	96.2	19 800*				28.0
		30.0	75.6	96.4	21 800*	78.2	95.6	19 500*				30.0
		32.0	74.4	95.8	21 400*	76.9	95.0	19 200*	79.4	93.3	14 100*	32.0
7 6 2	2 5 0	34.0	73.2	95.1	21 100*	75.7	94.3	18 900*	78.2	92.6	13 700*	34.0
		36.0	71.9	94.4	20 700*	74.4	93.6	18 700*	76.9	91.9	13 300*	36.0
		38.0	70.7	93.6	20 400*	73.2	92.8	18 400*	75.6	91.1	12 900*	38.0
		42.0	68.2	92.0	18 700	70.6	91.1	17 900*	73.0	89.3	12 300*	42.0
		46.0				68.0	89.2	16 700	70.3	87.4	11 800*	46.0
		50.0							67.6	85.2	11 300*	50.0
		22.9	80.2	101.4	23 400*							22.9
		24.0	79.6	101.1	23 100*							24.0
		26.0	78.4	100.6	22 700*	80.9	99.8	20 100*				26.0
		28.0	77.3	100.1	22 300*	79.7	99.3	19 800*				28.0
		30.0	76.1	99.6	21 900*	78.5	98.7	19 600*				30.0
		32.0	74.9	99.0	21 600*	77.3	98.1	19 300*	79.8	96.5	14 100*	32.0
7 6 2	2 5 0	34.0	73.7	98.3	21 200*	76.1	97.5	19 000*	78.6	95.8	13 700*	34.0
		36.0	72.5	97.6	20 900*	74.9	96.8	18 700*	77.3	95.1	13 400*	36.0
		38.0	71.3	96.9	20 600*	73.7	96.0	18 500*	76.1	94.3	13 100*	38.0
		42.0	68.9	95.3	18 800	71.2	94.4	18 100*	73.6	92.7	12 400*	42.0
		46.0				68.7	92.6	16 800	71.0	90.8	11 900*	46.0
		50.0							68.4	88.7	11 400*	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
3 9 · 6	1 3 0	18.3	80.1	71.2	18 300*							18.3
		20.0	78.7	70.8	17 900*							20.0
		22.0	77.0	70.2	17 400*							22.0
		24.0	75.3	69.6	16 900*	79.8	68.9	15 400*				24.0
		26.0	73.6	68.9	16 500*	78.0	68.2	15 000*				26.0
		28.0	71.9	68.1	16 100*	76.3	67.4	14 600*				28.0
		30.0	70.1	67.3	15 700*	74.5	66.6	14 200*	79.4	65.1	11 600*	30.0
		32.0	68.3	66.4	15 300*	72.7	65.7	13 800*	77.5	64.2	11 100*	32.0
		34.0	66.5	65.4	14 900*	70.9	64.7	13 400*	75.6	63.2	10 700*	34.0
		36.0	64.7	64.4	14 400*	69.0	63.6	13 100*	73.7	62.1	10 300*	36.0
		38.0	62.8	63.2	14 000*	67.1	62.4	12 800*	71.8	61.0	9 900*	38.0
		42.0	59.0	60.7	13 300*	63.2	59.9	12 200*	67.8	58.3	9 300*	42.0
		46.0	54.9	57.7	12 600*	59.1	56.8	11 600*	63.6	55.3	8 700*	46.0
		50.0	50.7	54.3	11 900*	54.8	53.3	10 900*	59.1	51.7	8 200*	50.0
		54.0	46.1	50.3	11 300*	50.1	49.3	10 100*	54.2	47.5	7 800*	54.0
		58.0	41.0	45.5	10 800*	44.9	44.4	9 500*	48.8	42.4	7 500*	58.0
		62.0	35.3	39.8	10 400*	39.1	38.4	9 000*				62.0
4 2 · 7	1 4 0	18.3	80.5	74.3	18 500*							18.3
		20.0	79.2	73.9	18 000*							20.0
		22.0	77.6	73.4	17 500*							22.0
		24.0	75.9	72.8	17 100*							24.0
		26.0	74.3	72.1	16 700*	78.6	71.4	15 100*				26.0
		28.0	72.7	71.4	16 300*	76.9	70.6	14 700*				28.0
		30.0	71.0	70.6	15 900*	75.2	69.8	14 300*	79.8	68.4	11 700*	30.0
		32.0	69.3	69.8	15 500*	73.5	69.0	14 000*	78.1	67.5	11 200*	32.0
		34.0	67.6	68.8	15 100*	71.8	68.0	13 600*	76.3	66.6	10 800*	34.0
		36.0	65.8	67.8	14 700*	70.0	67.0	13 300*	74.5	65.5	10 500*	36.0
		38.0	64.1	66.8	14 300*	68.2	65.9	12 900*	72.7	64.4	10 100*	38.0
		42.0	60.4	64.3	13 500*	64.5	63.5	12 300*	68.9	61.9	9 400*	42.0
		46.0	56.7	61.6	12 800*	60.7	60.7	11 800*	65.0	59.1	8 900*	46.0
		50.0	52.7	58.4	12 200*	56.6	57.4	11 200*	60.8	55.7	8 400*	50.0
		54.0	48.4	54.7	11 600*	52.3	53.7	10 400*	56.3	51.9	8 000*	54.0
		58.0	43.9	50.4	11 100*	47.7	49.2	9 800*	51.5	47.3	7 700*	58.0
		62.0				42.5	44.0	9 300*	46.0	41.9	7 400*	62.0
4 5 · 7	1 5 0	18.3	80.9	77.4	18 500*							18.3
		20.0	79.6	77.1	18 100*							20.0
		22.0	78.1	76.5	17 700*							22.0
		24.0	76.5	76.0	17 300*							24.0
		26.0	75.0	75.3	16 800*	79.0	74.6	15 200*				26.0
		28.0	73.4	74.7	16 400*	77.4	73.9	14 900*				28.0
		30.0	71.8	73.9	16 100*	75.8	73.1	14 500*				30.0
		32.0	70.2	73.1	15 700*	74.2	72.3	14 100*	78.6	70.8	11 400*	32.0
		34.0	68.5	72.2	15 300*	72.6	71.4	13 800*	76.9	69.9	11 000*	34.0
		36.0	66.9	71.2	14 900*	70.9	70.4	13 400*	75.2	68.9	10 600*	36.0
		38.0	65.2	70.2	14 500*	69.2	69.4	13 100*	73.5	67.8	10 300*	38.0
		42.0	61.8	67.9	13 800*	65.7	67.1	12 500*	69.9	65.5	9 600*	42.0
		46.0	58.2	65.3	13 100*	62.1	64.4	12 000*	66.2	62.8	9 100*	46.0
		50.0	54.5	62.3	12 500*	58.3	61.4	11 500*	62.3	59.7	8 600*	50.0
		54.0	50.5	58.9	11 900*	54.3	57.9	10 800*	58.2	56.1	8 100*	54.0
		58.0				50.0	53.8	10 100*	53.7	51.9	7 800*	58.0
		62.0							48.9	47.0	7 500*	62.0
4 8 · 8	1 6 0	19.8	80.2	80.2	18 300*							19.8
		20.0	80.0	80.2	18 300*							20.0
		22.0	78.5	79.7	17 800*							22.0
		24.0	77.1	79.1	17 400*							24.0
		26.0	75.6	78.5	17 000*	79.5	77.7	15 300*				26.0
		28.0	74.0	77.9	16 600*	78.0	77.1	15 000*				28.0
		30.0	72.5	77.2	16 200*	76.4	76.4	14 600*				30.0
		32.0	71.0	76.4	15 900*	74.9	75.6	14 200*	79.1	74.0	11 500*	32.0
		34.0	69.4	75.5	15 500*	73.3	74.7	13 900*	77.5	73.1	11 100*	34.0
		36.0	67.8	74.6	15 200*	71.7	73.8	13 600*	75.9	72.2	10 700*	36.0
		38.0	66.2	73.7	14 800*	70.1	72.8	13 300*	74.2	71.2	10 400*	38.0
		42.0	63.0	71.5	14 000*	66.8	70.6	12 700*	70.8	69.0	9 800*	42.0
		46.0	59.6	69.0	13 400*	63.3	68.1	12 200*	67.3	66.4	9 200*	46.0
		50.0	56.1	66.2	12 700*	59.8	65.2	11 600*	63.6	63.5	8 700*	50.0
		54.0	52.4	63.0	12 200*	56.0	62.0	11 000*	59.8	60.2	8 300*	54.0
		58.0				52.0	58.2	10 400*	55.7	56.3	7 900*	58.0
		62.0							51.2	51.8	7 600*	62.0

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
5 1 :8	1 7 0	19.8	80.5	83.3	18 500*							19.8
		20.0	80.4	83.3	18 400*							20.0
		22.0	79.0	82.8	17 900*							22.0
		24.0	77.5	82.3	17 500*							24.0
		26.0	76.1	81.7	17 200*							26.0
		28.0	74.7	81.1	16 800*	79.9	80.9	15 400*				28.0
		30.0	73.2	80.4	16 400*	76.9	79.6	14 700*				30.0
		32.0	71.7	79.7	16 100*	75.5	78.8	14 400*	79.5	77.2	11 600*	32.0
		34.0	70.2	78.8	15 700*	73.9	78.0	14 100*	78.0	76.4	11 200*	34.0
		36.0	68.7	78.0	15 400*	72.4	77.1	13 700*	76.4	75.5	10 800*	36.0
		38.0	67.2	77.0	15 000*	70.9	76.2	13 400*	74.9	74.6	10 500*	38.0
		42.0	64.1	75.0	14 300*	67.7	74.1	12 800*	71.6	72.4	9 900*	42.0
		46.0	60.9	72.6	13 600*	64.5	71.7	12 300*	68.3	70.0	9 400*	46.0
		50.0	57.5	69.9	13 000*	61.1	69.0	11 800*	64.9	67.3	8 900*	50.0
		54.0	54.1	66.9	12 400*	57.6	65.9	11 400*	61.2	64.1	8 400*	54.0
		58.0							57.4	60.5	8 100*	58.0
		62.0							53.3	56.4	7 800*	62.0
5 4 :9	1 8 0	19.8	80.9	86.5	18 500*							19.8
		20.0	80.7	86.4	18 500*							20.0
		22.0	79.4	86.0	18 100*							22.0
		24.0	78.0	85.5	17 700*							24.0
		26.0	76.6	84.9	17 300*	80.3	84.1	15 500*				26.0
		28.0	75.2	84.3	16 900*	78.9	83.5	15 200*				28.0
		30.0	73.8	83.6	16 500*	77.4	82.8	14 800*				30.0
		32.0	72.4	82.9	16 200*	76.0	82.1	14 500*				32.0
		34.0	71.0	82.1	15 900*	74.6	81.3	14 200*	78.5	79.6	11 300*	34.0
		36.0	69.5	81.3	15 500*	73.1	80.4	13 900*	77.0	78.8	11 000*	36.0
		38.0	68.1	80.4	15 200*	71.6	79.5	13 600*	75.5	77.9	10 600*	38.0
		42.0	65.1	78.4	14 500*	68.6	77.5	13 000*	72.4	75.9	10 000*	42.0
		46.0	62.0	76.2	13 900*	65.5	75.3	12 500*	69.2	73.5	9 500*	46.0
		50.0	58.9	73.7	13 200*	62.3	72.7	12 000*	65.9	70.9	9 000*	50.0
		54.0				59.0	69.8	11 500*	62.5	68.0	8 600*	54.0
		58.0							58.9	64.6	8 200*	58.0
5 7 :9	1 9 0	21.3	80.2	89.2	18 300*							21.3
		22.0	79.7	89.1	18 200*							22.0
		24.0	78.4	88.6	17 800*							24.0
		26.0	77.1	88.1	17 400*	80.6	87.2	15 600*				26.0
		28.0	75.7	87.5	17 000*	79.3	86.6	15 300*				28.0
		30.0	74.4	86.8	16 700*	77.9	86.0	14 900*				30.0
		32.0	73.0	86.2	16 400*	76.5	85.3	14 600*				32.0
		34.0	71.7	85.4	16 000*	75.1	84.5	14 300*	78.9	82.9	11 400*	34.0
		36.0	70.3	84.6	15 700*	73.7	83.7	14 000*	77.5	82.1	11 100*	36.0
		38.0	68.9	83.8	15 400*	72.3	82.9	13 700*	76.0	81.2	10 700*	38.0
		42.0	66.0	81.9	14 700*	69.4	81.0	13 200*	73.1	79.2	10 100*	42.0
		46.0	63.1	79.7	14 100*	66.5	78.8	12 700*	70.1	77.0	9 600*	46.0
		50.0	60.1	77.3	13 500*	63.4	76.3	12 200*	66.9	74.6	9 100*	50.0
		54.0				60.3	73.6	11 700*	63.7	71.7	8 700*	54.0
		58.0							60.3	68.6	8 300*	58.0
6 1 :0	2 0 0	21.3	80.5	92.4	18 500*							21.3
		22.0	80.1	92.2	18 300*							22.0
		24.0	78.8	91.7	17 900*							24.0
		26.0	77.5	91.2	17 500*							26.0
		28.0	76.2	90.7	17 200*	79.6	89.8	15 300*				28.0
		30.0	74.9	90.0	16 800*	78.3	89.2	15 100*				30.0
		32.0	73.6	89.4	16 500*	77.0	88.5	14 700*				32.0
		34.0	72.3	88.7	16 200*	75.7	87.8	14 400*	79.3	86.1	11 500*	34.0
		36.0	71.0	87.9	15 900*	74.3	87.0	14 100*	77.9	85.3	11 200*	36.0
		38.0	69.6	87.1	15 600*	72.9	86.2	13 800*	76.5	84.5	10 800*	38.0
		42.0	66.9	85.3	14 900*	70.2	84.3	13 300*	73.7	82.6	10 300*	42.0
		46.0	64.1	83.2	14 300*	67.3	82.3	12 800*	70.8	80.5	9 700*	46.0
		50.0	61.2	80.9	13 700*	64.4	79.9	12 300*	67.8	78.1	9 200*	50.0
		54.0							64.8	75.5	8 800*	54.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
6 4 :0	2 1 0	21.3	80.9	95.5	18 500*							21.3
		22.0	80.4	95.3	18 400*							22.0
		24.0	79.2	94.9	18 000*							24.0
		26.0	77.9	94.4	17 700*							26.0
		28.0	76.7	93.8	17 300*							28.0
		30.0	75.4	93.2	17 000*	80.0	93.0	15 400*				30.0
		32.0	74.2	92.6	16 600*	78.7	92.4	15 100*				32.0
		34.0	72.9	91.9	16 300*	77.4	91.7	14 800*				34.0
		36.0	71.6	91.2	16 000*	76.1	91.0	14 500*	79.7	89.3	11 600*	36.0
		38.0	70.3	90.4	15 700*	74.8	90.3	14 200*	78.4	88.5	11 300*	38.0
		42.0	67.7	88.6	15 100*	73.5	89.5	14 000*	77.0	87.7	10 900*	42.0
		46.0	65.0	86.7	14 500*	70.9	87.7	13 400*	74.3	85.9	10 300*	46.0
		50.0				68.2	85.7	12 900*	71.5	83.9	9 800*	50.0
		54.0				65.4	83.5	12 500*	68.7	81.6	9 400*	54.0
									65.7	79.1	8 900*	
6 7 :1	2 2 0	22.9	80.2	98.3	18 300*							22.9
		24.0	79.5	98.0	18 100*							24.0
		26.0	78.3	97.5	17 800*							26.0
		28.0	77.1	97.0	17 400*							28.0
		30.0	75.9	96.4	17 100*	80.3	96.1	15 500*				30.0
		32.0	74.7	95.8	16 800*	79.1	95.5	15 200*				32.0
		34.0	73.4	95.1	16 500*	77.8	94.9	14 900*				34.0
		36.0	72.2	94.4	16 200*	76.6	94.2	14 600*	80.0	92.5	11 700*	36.0
		38.0	71.0	93.7	15 800*	75.3	93.5	14 400*	78.8	91.8	11 300*	38.0
		42.0	68.4	92.0	15 300*	74.1	92.7	14 100*	77.5	91.0	11 000*	42.0
		46.0	65.8	90.1	14 700*	71.5	91.0	13 500*	74.9	89.3	10 500*	46.0
		50.0				68.9	89.1	13 100*	72.2	87.3	9 900*	50.0
		54.0				66.2	87.0	12 600*	69.5	85.1	9 500*	54.0
									66.6	82.7	9 000*	
7 0 :1	2 3 0	22.9	80.5	101.4	18 400*							22.9
		24.0	79.8	101.1	18 200*							24.0
		26.0	78.7	100.7	17 900*							26.0
		28.0	77.5	100.1	17 500*							28.0
		30.0	76.3	99.6	17 200*	80.6	99.3	15 600*				30.0
		32.0	75.2	99.0	16 900*	79.4	98.7	15 300*				32.0
		34.0	74.0	98.3	16 600*	78.2	98.1	15 000*				34.0
		36.0	72.8	97.7	16 300*	77.0	97.4	14 700*	80.4	95.7	11 800*	36.0
		38.0	71.6	96.9	16 000*	75.8	96.7	14 500*	79.1	95.0	11 400*	38.0
		42.0	69.1	95.3	15 400*	74.6	96.0	14 200*	77.9	94.2	11 100*	42.0
		46.0				72.1	94.4	13 700*	75.4	92.6	10 500*	46.0
		50.0				69.6	92.5	13 200*	72.8	90.7	10 000*	50.0
		54.0				67.0	90.4	12 700*	70.2	88.6	9 600*	54.0
									67.5	86.3	9 200*	
7 3 :2	2 4 0	22.9	80.8	104.5	18 500*							22.9
		24.0	80.2	104.2	18 300*							24.0
		26.0	79.0	103.8	18 000*							26.0
		28.0	77.9	103.3	17 600*							28.0
		30.0	76.7	102.8	17 300*							30.0
		32.0	75.6	102.2	17 000*	79.7	101.8	15 400*				32.0
		34.0	74.5	101.6	16 700*	78.6	101.3	15 100*				34.0
		36.0	73.3	100.9	16 400*	77.4	100.6	14 800*	80.7	98.8	11 800*	36.0
		38.0	72.1	100.2	16 200*	76.3	100.0	14 600*	79.5	98.2	11 500*	38.0
		42.0	69.8	98.6	15 600*	75.1	99.2	14 300*	78.3	97.4	11 200*	42.0
		46.0				72.7	97.7	13 800*	75.8	95.8	10 600*	46.0
		50.0				70.3	95.9	13 300*	73.4	94.0	10 100*	50.0
									70.8	92.0	9 700*	

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

36.6m (120 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
3 9 · 6	1 3 0	18.3	80.9	77.5	14 800*							18.3
		20.0	79.6	77.1	14 500*							20.0
		22.0	78.0	76.6	13 900*							22.0
		24.0	76.5	76.0	13 500*							24.0
		26.0	74.9	75.4	13 000*	80.1	74.8	10 800*				26.0
		28.0	73.4	74.7	12 600*	78.5	74.1	10 400*				28.0
		30.0	71.8	73.9	12 100*	76.9	73.4	10 000*				30.0
		32.0	70.1	73.1	11 700*	75.3	72.6	9 700*				32.0
		34.0	68.5	72.2	11 200*	73.7	71.7	9 400*	78.7	70.0	8 100*	34.0
		36.0	66.9	71.3	10 800*	72.0	70.7	9 100*	77.0	69.0	7 900*	36.0
		38.0	65.2	70.3	10 400*	70.3	69.7	8 800*	75.3	68.0	7 700*	38.0
		42.0	61.8	68.0	9 700*	66.8	67.4	8 200*	71.7	65.6	7 200*	42.0
		46.0	58.2	65.4	9 000*	63.2	64.8	7 700*	68.0	63.0	6 800*	46.0
		50.0	54.5	62.4	8 400*	59.5	61.8	7 200*	64.2	59.9	6 500*	50.0
		54.0	50.5	58.9	7 800*	55.5	58.4	6 800*	60.0	56.3	6 100*	54.0
		58.0	46.3	55.0	7 300*	51.3	54.4	6 400*	55.6	52.1	5 800*	58.0
		62.0	41.8	50.4	6 900*	46.6	49.7	6 000*	50.8	47.3	5 600*	62.0
		66.0				41.5	44.2	5 700*	45.3	41.4	5 400*	66.0
4 2 · 7	1 4 0	19.8	80.1	80.3	14 600*							19.8
		20.0	80.0	80.2	14 600*							20.0
		22.0	78.5	79.7	14 100*							22.0
		24.0	77.0	79.2	13 600*							24.0
		26.0	75.5	78.6	13 200*	80.5	78.0	10 900*				26.0
		28.0	74.0	77.9	12 700*	79.0	77.3	10 500*				28.0
		30.0	72.5	77.2	12 300*	77.5	76.6	10 200*				30.0
		32.0	71.0	76.4	11 900*	75.9	75.8	9 800*				32.0
		34.0	69.4	75.6	11 500*	74.3	75.0	9 500*	79.2	73.3	8 200*	34.0
		36.0	67.8	74.7	11 100*	72.8	74.1	9 200*	77.6	72.3	8 000*	36.0
		38.0	66.2	73.7	10 700*	71.1	73.1	8 900*	75.9	71.3	7 800*	38.0
		42.0	63.0	71.5	10 000*	67.9	70.9	8 300*	72.6	69.1	7 300*	42.0
		46.0	59.6	69.1	9 300*	64.4	68.5	7 800*	69.1	66.6	6 900*	46.0
		50.0	56.1	66.2	8 700*	60.9	65.6	7 400*	65.4	63.7	6 600*	50.0
		54.0	52.4	63.0	8 100*	57.2	62.4	7 000*	61.6	60.3	6 200*	54.0
		58.0	48.5	59.3	7 600*	53.2	58.7	6 600*	57.5	56.5	5 900*	58.0
		62.0				49.0	54.4	6 200*	53.0	52.0	5 700*	62.0
		66.0				44.4	49.5	5 900*	48.2	46.8	5 500*	66.0
4 5 · 7	1 5 0	19.8	80.5	83.4	14 700*							19.8
		20.0	80.4	83.3	14 700*							20.0
		22.0	78.9	82.9	14 300*							22.0
		24.0	77.5	82.4	13 800*							24.0
		26.0	76.1	81.8	13 400*							26.0
		28.0	74.6	81.1	12 900*	79.4	80.5	10 600*				28.0
		30.0	73.2	80.4	12 500*	78.0	79.8	10 300*				30.0
		32.0	71.7	79.7	12 100*	76.5	79.1	9 900*				32.0
		34.0	70.2	78.9	11 700*	75.0	78.3	9 600*	79.7	76.5	8 300*	34.0
		36.0	68.7	78.0	11 300*	73.5	77.4	9 300*	78.1	75.6	8 000*	36.0
		38.0	67.2	77.1	10 900*	71.9	76.5	9 000*	76.5	74.7	7 900*	38.0
		42.0	64.1	75.0	10 200*	68.8	74.4	8 500*	73.3	72.6	7 400*	42.0
		46.0	60.8	72.7	9 500*	65.5	72.0	8 000*	70.0	70.1	7 000*	46.0
		50.0	57.5	70.0	8 900*	62.2	69.4	7 500*	66.5	67.4	6 600*	50.0
		54.0	54.1	67.0	8 300*	58.7	66.3	7 100*	62.9	64.2	6 300*	54.0
		58.0	50.4	63.5	7 800*	55.0	62.9	6 700*	59.1	60.7	6 100*	58.0
		62.0				51.1	58.9	6 400*	55.0	56.6	5 800*	62.0
		66.0							50.6	51.8	5 600*	66.0

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

36.6m (120 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
4 8 8	1 6 0	19.8	80.9	86.5	14 800*							19.8
		20.0	80.7	86.5	14 800*							20.0
		22.0	79.4	86.0	14 400*							22.0
		24.0	78.0	85.5	14 000*							24.0
		26.0	76.6	84.9	13 500*							26.0
		28.0	75.2	84.3	13 100*	79.8	83.7	10 700*				28.0
		30.0	73.8	83.7	12 700*	78.4	83.0	10 400*				30.0
		32.0	72.4	83.0	12 300*	77.0	82.3	10 100*				32.0
		34.0	70.9	82.2	11 900*	75.5	81.5	9 800*	80.1	79.7	8 400*	34.0
		36.0	69.5	81.4	11 500*	74.1	80.7	9 500*	78.6	78.9	8 100*	36.0
		38.0	68.0	80.5	11 100*	72.6	79.8	9 200*	77.1	78.0	7 900*	38.0
		42.0	65.1	78.5	10 400*	69.6	77.8	8 600*	74.0	76.0	7 500*	42.0
		46.0	62.0	76.2	9 700*	66.5	75.6	8 100*	70.8	73.6	7 100*	46.0
		50.0	58.8	73.7	9 200*	63.3	73.0	7 700*	67.6	71.0	6 800*	50.0
		54.0	55.6	70.8	8 600*	60.0	70.2	7 300*	64.1	68.1	6 400*	54.0
		58.0				56.6	66.9	6 900*	60.6	64.7	6 200*	58.0
		62.0				52.9	63.2	6 500*	56.8	60.9	5 900*	62.0
5 1 8	1 7 0	21.3	80.2	89.3	14 600*							21.3
		22.0	79.7	89.1	14 500*							22.0
		24.0	78.4	88.7	14 100*							24.0
		26.0	77.1	88.1	13 700*							26.0
		28.0	75.7	87.5	13 300*	80.2	86.8	10 800*				28.0
		30.0	74.4	86.9	12 800*	78.8	86.2	10 400*				30.0
		32.0	73.0	86.2	12 500*	77.5	85.5	10 200*				32.0
		34.0	71.6	85.5	12 100*	76.1	84.8	9 900*	80.4	82.9	8 400*	34.0
		36.0	70.2	84.7	11 700*	74.7	84.0	9 600*	79.0	82.1	8 200*	36.0
		38.0	68.8	83.8	11 400*	73.3	83.1	9 300*	77.6	81.3	8 000*	38.0
		42.0	66.0	81.9	10 600*	70.4	81.2	8 800*	74.6	79.3	7 600*	42.0
		46.0	63.1	79.8	10 000*	67.4	79.1	8 300*	71.6	77.1	7 200*	46.0
		50.0	60.1	77.3	9 400*	64.4	76.7	7 800*	68.5	74.6	6 900*	50.0
		54.0	56.9	74.6	8 800*	61.3	73.9	7 400*	65.2	71.8	6 500*	54.0
		58.0				58.0	70.9	7 000*	61.9	68.7	6 200*	58.0
		62.0							58.3	65.1	6 000*	62.0
5 4 9	1 8 0	21.3	80.5	92.4	14 700*							21.3
		22.0	80.1	92.3	14 600*							22.0
		24.0	78.8	91.8	14 200*							24.0
		26.0	77.5	91.3	13 800*							26.0
		28.0	76.2	90.7	13 400*	80.5	90.0	10 900*				28.0
		30.0	74.9	90.1	13 000*	79.2	89.4	10 500*				30.0
		32.0	73.6	89.4	12 700*	77.9	88.7	10 200*				32.0
		34.0	72.3	88.7	12 200*	76.6	88.0	9 900*				34.0
		36.0	70.9	87.9	11 900*	75.2	87.2	9 700*	79.4	85.4	8 300*	36.0
		38.0	69.6	87.1	11 500*	73.9	86.4	9 400*	78.0	84.5	8 000*	38.0
		42.0	66.9	85.3	10 800*	71.1	84.6	8 900*	75.2	82.7	7 700*	42.0
		46.0	64.1	83.3	10 200*	68.3	82.6	8 400*	72.3	80.6	7 300*	46.0
		50.0	61.2	80.9	9 600*	65.4	80.2	8 000*	69.3	78.2	6 900*	50.0
		54.0				62.4	77.6	7 600*	66.3	75.5	6 600*	54.0
		58.0				59.3	74.7	7 200*	63.1	72.5	6 300*	58.0
		62.0							59.7	69.1	6 100*	62.0
5 7 9	1 9 0	21.3	80.8	95.5	14 800*							21.3
		22.0	80.4	95.4	14 700*							22.0
		24.0	79.2	94.9	14 300*							24.0
		26.0	77.9	94.4	13 900*							26.0
		28.0	76.7	93.9	13 500*							28.0
		30.0	75.4	93.3	13 100*	79.6	92.6	10 600*				30.0
		32.0	74.1	92.6	12 700*	78.3	91.9	10 300*				32.0
		34.0	72.9	92.0	12 300*	77.0	91.2	10 000*				34.0
		36.0	71.6	91.2	11 900*	75.7	90.5	9 800*	79.8	88.6	8 300*	36.0
		38.0	70.3	90.4	11 600*	74.4	89.7	9 500*	78.5	87.8	8 100*	38.0
		42.0	67.7	88.7	10 900*	71.8	88.0	9 000*	75.7	86.0	7 700*	42.0
		46.0	65.0	86.7	10 300*	69.1	86.0	8 500*	73.0	84.0	7 400*	46.0
		50.0	62.2	84.5	9 700*	66.3	83.8	8 100*	70.1	81.7	7 000*	50.0
		54.0				63.4	81.3	7 700*	67.2	79.1	6 700*	54.0
		58.0							64.1	76.3	6 400*	58.0
		62.0							61.0	73.1	6 200*	62.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
93 890 kg CRANE COUNTERWEIGHT
27 220 kg CARBODY COUNTERWEIGHT
360 DEGREE RATING

36.6m (120 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	JIB CAPACITY KILOGRAMS	
6 1 0	2 0 0	22.9	80.2	98.3	14 500*							22.9
		24.0	79.5	98.0	14 300*							24.0
		26.0	78.3	97.6	13 900*							26.0
		28.0	77.1	97.0	13 500*							28.0
		30.0	75.9	96.5	13 100*							30.0
		32.0	74.7	95.8	12 700*	79.9	95.7	10 700*				32.0
		34.0	73.4	95.2	12 300*	78.7	95.1	10 400*				34.0
		36.0	72.2	94.5	12 000*	77.5	94.4	10 100*				36.0
		38.0	70.9	93.7	11 600*	76.2	93.7	9 900*	80.1	91.8	8 400*	38.0
		42.0	68.4	92.0	11 000*	74.9	93.0	9 600*	78.8	91.0	8 200*	42.0
		46.0	65.8	90.1	10 400*	72.4	91.3	9 100*	76.2	89.3	7 800*	46.0
		50.0	63.2	88.0	9 800*	69.8	89.4	8 700*	73.6	87.3	7 500*	50.0
		54.0				67.1	87.3	8 200*	70.8	85.2	7 100*	54.0
		58.0				64.4	84.9	7 800*	68.0	82.7	6 800*	58.0
									65.1	80.0	6 500*	
6 4 0	2 1 0	22.9	80.5	101.4	14 400*							22.9
		24.0	79.8	101.2	14 200*							24.0
		26.0	78.7	100.7	13 800*							26.0
		28.0	77.5	100.2	13 500*							28.0
		30.0	76.3	99.6	13 100*							30.0
		32.0	75.1	99.0	12 700*	80.2	98.9	10 800*				32.0
		34.0	73.9	98.4	12 300*	79.0	98.3	10 500*				34.0
		36.0	72.7	97.7	12 000*	77.9	97.6	10 200*				36.0
		38.0	71.5	97.0	11 700*	76.6	96.9	10 000*				38.0
		42.0	69.1	95.3	11 100*	75.4	96.2	9 700*	79.2	94.2	8 200*	42.0
		46.0	66.6	93.5	10 500*	73.0	94.6	9 200*	76.7	92.6	7 900*	46.0
		50.0				70.4	92.8	8 800*	74.1	90.7	7 500*	50.0
		54.0				67.9	90.7	8 300*	71.5	88.6	7 200*	54.0
		58.0				65.3	88.4	8 000*	68.8	86.3	6 900*	58.0
									66.0	83.7	6 600*	
6 7 1	2 2 0	22.9	80.7	104.5	14 200*							22.9
		24.0	80.1	104.3	14 000*							24.0
		26.0	79.0	103.8	13 700*							26.0
		28.0	77.9	103.3	13 400*							28.0
		30.0	76.7	102.8	13 000*							30.0
		32.0	75.6	102.2	12 700*	79.4	101.4	10 600*				32.0
		34.0	74.4	101.6	12 300*	78.2	100.8	10 300*				34.0
		36.0	73.3	100.9	12 000*	77.1	100.2	10 100*				36.0
		38.0	72.1	100.2	11 700*	75.9	99.4	9 800*	79.6	97.4	8 300*	38.0
		42.0	69.7	98.7	11 100*	73.5	97.9	9 300*	77.1	95.8	7 900*	42.0
		46.0	67.3	96.9	10 500*	71.1	96.1	8 900*	74.7	94.0	7 600*	46.0
		50.0				68.6	94.1	8 500*	72.1	92.0	7 300*	50.0
		54.0							69.5	89.8	7 000*	54.0
7 0 1	2 3 0	24.4	80.2	107.3	13 600*							24.4
		26.0	79.3	107.0	13 400*							26.0
		28.0	78.2	106.5	13 200*							28.0
		30.0	77.1	106.0	12 800*							30.0
		32.0	76.0	105.4	12 500*							32.0
		34.0	74.9	104.8	12 200*	79.7	104.6	10 700*				34.0
		36.0	73.8	104.2	11 900*	78.6	104.0	10 400*				36.0
		38.0	72.6	103.5	11 600*	77.4	103.4	10 200*				38.0
		42.0	70.4	101.9	11 000*	76.3	102.7	9 900*	79.9	100.6	8 400*	42.0
		46.0				74.0	101.2	9 400*	77.5	99.1	8 000*	46.0
		50.0				71.7	99.5	9 000*	75.1	97.3	7 600*	50.0
		54.0				69.3	97.6	8 600*	72.7	95.4	7 300*	54.0
									70.2	93.2	7 000*	