

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

**JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg COUNTERWEIGHT
360 DEGREE RATING**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7801-AM AND 7802-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, AND 75 750 kg COUNTERWEIGHT.

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 - 76.2	12.2 - 18.3
7	61.0 - 70.1	24.4
7	39.6 - 70.1	30.5
7	39.6 - 67.1	36.6

MAXIMUM BOOM AND JIB LENGTH LIFTED UNASSISTED					
OVER FRONT OF BLOCKED CRAWLERS		OVER REAR OF BLOCKED CRAWLERS		OVER SIDE OF CRAWLERS	
BOOM LGTH.	JIB NO. 132	BOOM LGTH.	JIB NO. 132	BOOM LGTH.	JIB NO. 132
(a) 88.4m	---	(a) 85.3m	---	79.2m	---
85.3m	---	82.3m	---	76.2m	---
82.3m	---	79.2m	---	73.2m	---
79.2m	---	76.2m	12.2m	70.1m	---
76.2m	18.3m	73.2m	12.2m	67.1m	18.3m
73.2m	18.3m	70.1m	24.4m	64.0m	30.5m
70.1m	30.5m	67.1m	30.5m	61.0m	36.6m
67.1m	36.6m	64.0m	36.6m		
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 88.4m BOOM AND CANNOT BE LIFTED OVER REAR OF BLOCKED CRAWLERS ON 85.3m BOOM.					

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M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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	78.6	52.7	32 900*b				16.0
		18.0	73.9	52.4	37 600*b	76.3	52.1	31 600*b	78.7	51.3	25 300*	18.0
		20.0	71.6	51.7	35 700*b	74.0	51.4	30 300*b	76.3	50.6	24 200*	20.0
		22.0	69.2	50.9	33 900*b	71.6	50.6	29 200*	73.9	49.8	23 200*	22.0
		24.0	66.9	50.1	32 400*b	69.2	49.7	28 200*	71.5	48.9	22 300*	24.0
		26.0	64.4	49.1	31 100b	66.7	48.7	27 300*	69.0	47.9	21 400*	26.0
		28.0	61.9	48.0	29 400b	64.2	47.6	26 500*	66.4	46.8	20 700*	28.0
		30.0	59.4	46.8	26 400	61.7	46.4	25 800*	63.8	45.6	20 000*	30.0
		32.0	56.8	45.5	23 900	59.0	45.1	24 500	61.1	44.2	19 400*	32.0
		34.0	54.1	44.0	21 700	56.3	43.6	22 300	58.3	42.7	18 800*	34.0
		36.0	51.3	42.4	19 900	53.5	42.0	20 400	55.4	41.0	18 400*	36.0
		38.0	48.3	40.6	18 200	50.5	40.2	18 700	52.4	39.2	17 900*	38.0
		42.0	42.0	36.4	15 400	44.1	35.9	15 800	45.8	34.8	16 200	42.0
		46.0				36.6	30.4	13 500				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	79.2	55.8	33 300*b				16.0
		18.0	74.8	55.6	38 400*b	77.1	55.3	32 000*b	79.3	54.5	25 600*	18.0
		20.0	72.6	55.0	36 500*b	74.9	54.6	30 800*b	77.1	53.8	24 500*	20.0
		22.0	70.4	54.2	34 800*b	72.7	53.9	29 700*	74.9	53.1	23 500*	22.0
		24.0	68.2	53.4	33 200*b	70.4	53.1	28 700*	72.6	52.3	22 600*	24.0
		26.0	65.9	52.5	31 800b	68.1	52.1	27 800*	70.3	51.3	21 800*	26.0
		28.0	63.6	51.5	28 900b	65.8	51.1	27 000*	67.9	50.3	21 100*	28.0
		30.0	61.3	50.4	26 000	63.4	50.0	26 300*	65.5	49.2	20 400*	30.0
		32.0	58.9	49.1	23 500	61.0	48.8	24 200	63.0	47.9	19 800*	32.0
		34.0	56.4	47.8	21 400	58.5	47.4	22 000	60.4	46.5	19 200*	34.0
		36.0	53.8	46.3	19 500	55.9	45.9	20 000	57.8	45.0	18 800*	36.0
		38.0	51.1	44.7	17 900	53.2	44.3	18 400	55.1	43.3	18 300*	38.0
		42.0	45.5	40.9	15 000	47.5	40.5	15 400	49.2	39.4	15 800	42.0
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	31 900b	69.4	55.5	28 300*	71.4	54.7	22 200*	26.0
		28.0	65.1	54.9	28 500b	67.2	54.5	27 500*	69.2	53.7	21 500*	28.0
		30.0	62.9	53.9	25 600b	65.0	53.5	26 300	66.9	52.7	20 800*	30.0
		32.0	60.7	52.7	23 200	62.7	52.4	23 900	64.6	51.5	20 200*	32.0
		34.0	58.4	51.5	21 000	60.4	51.1	21 700	62.3	50.2	19 600*	34.0
		36.0	56.0	50.1	19 100	58.0	49.7	19 700	59.8	48.8	19 100*	36.0
		38.0	53.5	48.6	17 500	55.5	48.2	18 000	57.3	47.3	18 500	38.0
		42.0	48.4	45.2	14 700	50.3	44.8	15 100	52.0	43.7	15 600	42.0
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	31 600b	70.5	58.8	28 800*	72.4	58.0	22 600*	26.0
		28.0	66.4	58.3	28 200b	68.4	57.9	27 900*	70.3	57.1	21 800*	28.0
		30.0	64.4	57.3	25 300b	66.3	56.9	26 300	68.2	56.1	21 200*	30.0
		32.0	62.3	56.2	22 800b	64.2	55.9	23 500	66.1	55.0	20 600*	32.0
		34.0	60.1	55.1	20 600	62.0	54.7	21 300	63.9	53.8	20 000*	34.0
		36.0	57.9	53.8	18 800	59.8	53.4	19 400	61.6	52.5	19 500*	36.0
		38.0	55.7	52.4	17 100	57.5	52.0	17 700	59.3	51.1	18 200	38.0
		42.0				52.8	48.9	14 800	54.4	47.9	15 300	42.0

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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 100b	73.4	62.9	30 000*	75.3	62.1	23 700*	24.0
		26.0	69.6	62.5	31 300b	71.5	62.1	29 200*	73.3	61.3	22 900*	26.0
		28.0	67.6	61.6	27 900b	69.5	61.3	28 200	71.4	60.4	22 200*	28.0
		30.0	65.7	60.7	25 100b	67.6	60.3	26 000	69.4	59.5	21 500*	30.0
		32.0	63.7	59.7	22 600b	65.6	59.3	23 400	67.3	58.5	21 000*	32.0
		34.0	61.7	58.6	20 400b	63.5	58.2	21 100	65.3	57.4	20 400*	34.0
		36.0	59.6	57.4	18 500	61.4	57.0	19 200	63.2	56.1	19 700	36.0
		38.0	57.5	56.1	16 900	59.3	55.7	17 500	61.0	54.8	18 100	38.0
		42.0				54.9	52.8	14 600	56.5	51.8	15 100	42.0
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	35 100b	74.1	66.1	30 400*b	76.0	65.3	24 000*	24.0
		26.0	70.5	65.7	31 000b	72.3	65.4	29 500*	74.1	64.6	23 200*	26.0
		28.0	68.7	64.9	27 600b	70.5	64.6	28 400	72.3	63.8	22 500*	28.0
		30.0	66.9	64.1	24 700b	68.6	63.7	25 600	70.4	62.9	21 900*	30.0
		32.0	65.0	63.1	22 200b	66.8	62.8	23 000	68.5	61.9	21 300*	32.0
		34.0	63.1	62.1	20 100b	64.8	61.7	20 800	66.5	60.8	20 700*	34.0
		36.0	61.1	61.0	18 200	62.9	60.6	18 900	64.6	59.7	19 700	36.0
		38.0	59.2	59.8	16 500	60.9	59.4	17 200	62.5	58.5	17 800	38.0
		42.0							58.3	55.7	14 800	42.0
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 300b	76.6	69.9	31 700*b	78.3	69.1	25 100*	22.0
		24.0	73.1	69.7	35 000b	74.9	69.3	30 800*b	76.6	68.5	24 300*	24.0
		26.0	71.4	69.0	30 700b	73.1	68.6	29 900	74.9	67.8	23 500*	26.0
		28.0	69.7	68.2	27 200b	71.4	67.9	28 500	73.1	67.0	22 800*	28.0
		30.0	67.9	67.4	24 300b	69.6	67.0	25 300	71.3	66.2	22 200*	30.0
		32.0	66.1	66.5	21 900b	67.8	66.1	22 700	69.5	65.3	21 600*	32.0
		34.0	64.3	65.5	19 700b	66.0	65.2	20 500	67.7	64.3	20 900	34.0
		36.0	62.5	64.5	17 800	64.2	64.1	18 600	65.8	63.2	19 400	36.0
		38.0	60.6	63.3	16 200	62.3	62.9	16 900	63.9	62.0	17 500	38.0
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	38 700b	77.1	73.1	32 000*b	78.8	72.3	25 400*	22.0
		24.0	73.8	72.9	34 600b	75.5	72.5	31 100*b	77.2	71.7	24 500*	24.0
		26.0	72.2	72.2	30 400b	73.9	71.9	30 200b	75.5	71.0	23 800*	26.0
		28.0	70.5	71.5	26 900b	72.2	71.1	28 100	73.8	70.3	23 100*	28.0
		30.0	68.9	70.7	24 000b	70.5	70.3	25 000	72.1	69.5	22 500*	30.0
		32.0	67.2	69.9	21 500b	68.8	69.5	22 400	70.4	68.6	21 900*	32.0
		34.0	65.5	68.9	19 400b	67.1	68.6	20 200	68.7	67.7	21 100	34.0
		36.0	63.7	67.9	17 500b	65.4	67.5	18 200	66.9	66.7	19 000	36.0
		38.0				63.6	66.5	16 500	65.1	65.6	17 200	38.0
6 4 0	2 1 0	16.8	80.0	77.8	39 600*							16.8
		18.0	79.1	77.6	39 600*							18.0
		20.0	77.6	77.1	39 600*	79.2	76.8	33 300*b				20.0
		22.0	76.0	76.6	38 500	77.7	76.3	32 300*b	79.3	75.5	25 600*	22.0
		24.0	74.5	76.1	34 500b	76.1	75.7	31 400*b	77.7	74.9	24 800*	24.0
		26.0	72.9	75.4	30 300b	74.5	75.1	30 600b	76.1	74.2	24 000*	26.0
		28.0	71.4	74.8	26 900b	73.0	74.4	27 800	74.5	73.5	23 400*	28.0
		30.0	69.8	74.0	24 000b	71.4	73.6	24 700	72.9	72.8	22 800*	30.0
		32.0	68.1	73.2	21 500b	69.7	72.8	22 200	71.3	72.0	22 200*	32.0
		34.0	66.5	72.3	19 300b	68.1	71.9	20 000	69.6	71.1	20 900	34.0
		36.0	64.9	71.3	17 400b	66.4	71.0	18 000	67.9	70.1	18 800	36.0
		38.0				64.7	69.9	16 300	66.2	69.0	17 000	38.0

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BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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	
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	79.6	79.9	33 600*b				20.0
		22.0	76.6	79.8	38 400b	78.2	79.4	32 600*b	79.7	78.6	25 700*	22.0
		24.0	75.1	79.2	34 200b	76.7	78.9	31 800*b	78.2	78.1	25 000*	24.0
		26.0	73.6	78.6	30 000b	75.2	78.3	30 900b	76.7	77.4	24 300*	26.0
		28.0	72.1	78.0	26 600b	73.6	77.6	27 500b	75.2	76.8	23 600*	28.0
		30.0	70.6	77.3	23 700b	72.1	76.9	24 400	73.6	76.0	23 000*	30.0
		32.0	69.0	76.5	21 200b	70.6	76.1	21 900	72.0	75.2	22 400*	32.0
		34.0	67.5	75.6	19 000b	69.0	75.3	19 700	70.5	74.4	20 600	34.0
		36.0				67.4	74.3	17 700	68.9	73.5	18 500	36.0
		38.0							67.2	72.5	16 800	38.0
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	80.0	83.0	33 800*b				20.0
		22.0	77.1	82.9	38 300b	78.6	82.6	32 900*b	80.1	81.7	25 900*	22.0
		24.0	75.7	82.4	33 900b	77.2	82.0	32 000*b	78.7	81.2	25 300*	24.0
		26.0	74.2	81.8	29 700b	75.7	81.5	30 700b	77.2	80.6	24 500*	26.0
		28.0	72.8	81.2	26 200b	74.3	80.8	27 100b	75.7	80.0	23 900*	28.0
		30.0	71.3	80.5	23 300b	72.8	80.1	24 200	74.3	79.3	23 300*	30.0
		32.0	69.8	79.8	20 800b	71.3	79.4	21 600	72.8	78.5	22 600	32.0
		34.0				69.8	78.6	19 400	71.2	77.7	20 300	34.0
		36.0				68.3	77.7	17 400	69.7	76.8	18 300	36.0
		38.0							68.2	75.9	16 500	38.0
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	80.4	86.2	34 100*b				20.0
		22.0	77.6	86.1	38 100b	79.0	85.7	33 200*b	80.5	84.9	26 100*	22.0
		24.0	76.2	85.6	33 500b	77.6	85.2	32 300*b	79.1	84.4	25 500*	24.0
		26.0	74.8	85.0	29 400b	76.2	84.6	30 400b	77.7	83.8	24 800*	26.0
		28.0	73.4	84.4	25 900b	74.8	84.0	26 900b	76.3	83.2	24 100*	28.0
		30.0	72.0	83.7	23 000b	73.4	83.4	23 900	74.8	82.5	23 500*	30.0
		32.0	70.6	83.0	20 500b	72.0	82.6	21 300	73.4	81.8	22 300	32.0
		34.0				70.6	81.9	19 000	72.0	81.0	20 000	34.0
		36.0							70.5	80.2	18 000	36.0
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	80.7	89.3	34 300*b				20.0
		22.0	78.0	89.2	38 200b	79.4	88.8	33 400*b				22.0
		24.0	76.7	88.7	33 700b	78.1	88.3	32 600*b	79.5	87.5	25 600*	24.0
		26.0	75.3	88.2	29 500b	76.7	87.8	30 600b	78.1	87.0	25 000*	26.0
		28.0	74.0	87.6	26 100b	75.4	87.2	27 000b	76.8	86.4	24 300*	28.0
		30.0	72.6	87.0	23 200b	74.0	86.6	24 000	75.4	85.7	23 700*	30.0
		32.0	71.3	86.3	20 700b	72.7	85.9	21 500	74.0	85.0	22 500	32.0
		34.0				71.3	85.1	19 200	72.6	84.3	20 200	34.0
		36.0							71.2	83.5	18 200	36.0
		38.0							69.8	82.6	16 400	38.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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	27 000	67.3	53.2	23 600*	70.3	51.9	15 400*	30.0
		32.0	62.0	52.6	24 700	65.0	52.0	22 700*	68.0	50.8	14 900*	32.0
		34.0	59.7	51.4	22 500	62.7	50.8	21 800*	65.6	49.5	14 400*	34.0
		36.0	57.3	50.0	20 600	60.3	49.4	20 900	63.1	48.0	13 900*	36.0
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	27 000	68.6	56.6	24 200*	71.4	55.4	15 700*	30.0
		32.0	63.6	56.2	24 400	66.4	55.5	23 200*	69.3	54.3	15 100*	32.0
		34.0	61.4	55.0	22 200	64.3	54.4	22 400	67.0	53.1	14 700*	34.0
		36.0	59.2	53.7	20 300	62.0	53.1	21 000	64.7	51.7	14 200*	36.0
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	28 600	71.7	60.9	24 900*	74.5	59.7	16 500*	28.0
		30.0	66.9	60.6	26 700	69.7	60.0	24 500*	72.4	58.8	15 900*	30.0
		32.0	64.9	59.6	24 000	67.7	59.0	23 700*	70.4	57.7	15 400*	32.0
		34.0	62.9	58.5	21 900	65.6	57.9	22 700	68.3	56.6	14 900*	34.0
		36.0	60.8	57.3	19 900	63.6	56.7	20 600	66.1	55.3	14 500*	36.0
4 8 · 8	1 6 0	15.2	79.8	68.4	32 800* ^b							15.2
		16.0	78.8	68.1	32 400* ^b							16.0
		18.0	77.0	67.6	31 600*							18.0
		20.0	75.3	67.0	30 900*	79.8	67.0	26 800*				20.0
		22.0	73.5	66.4	30 200*	78.0	66.4	26 300*				22.0
		24.0	71.7	65.7	29 600*	76.2	65.8	25 900*	79.0	64.6	18 000*	24.0
		26.0	69.9	64.9	28 700	74.4	65.1	25 500*	77.1	63.8	17 300*	26.0
		28.0	68.0	64.0	26 300	72.6	64.2	25 100*	75.2	63.0	16 700*	28.0
		30.0	66.1	63.0	23 700	70.7	63.4	24 800*	73.3	62.1	16 100*	30.0
		32.0	64.2	62.0	21 500	68.8	62.4	24 200*	71.4	61.1	15 600*	32.0
		34.0	62.3	60.9	19 600	66.9	61.4	22 300	69.4	60.1	15 100*	34.0
		36.0	60.3	59.7	17 900	64.9	60.2	20 300	67.4	58.9	14 700*	36.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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	28 900	73.4	67.5	25 300*	75.9	66.3	16 900*	28.0
		30.0	69.0	67.3	26 000	71.6	66.7	24 900*	74.1	65.4	16 400*	30.0
		32.0	67.3	66.4	23 500	69.8	65.8	24 300	72.3	64.5	15 800*	32.0
		34.0	65.5	65.4	21 300	68.0	64.8	22 000	70.4	63.5	15 400*	34.0
		36.0	63.6	64.4	19 400	66.1	63.7	20 100	68.5	62.4	14 900*	36.0
		38.0	61.8	63.2	17 700	64.2	62.6	18 300	66.6	61.2	14 500*	38.0
		42.0	57.9	60.7	14 800	60.3	60.0	15 400	62.6	58.6	13 800*	42.0
		46.0							58.4	55.5	13 100	46.0
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	28 800	74.1	70.8	25 400*	76.6	69.5	17 100*	28.0
		30.0	70.0	70.6	25 700	72.4	70.0	25 100*	74.8	68.7	16 500*	30.0
		32.0	68.3	69.8	23 100	70.7	69.1	24 000	73.1	67.8	16 100*	32.0
		34.0	66.6	68.8	21 000	69.0	68.2	21 800	71.3	66.9	15 600*	34.0
		36.0	64.8	67.8	19 000	67.2	67.2	19 800	69.5	65.8	15 100*	36.0
		38.0	63.0	66.8	17 400	65.4	66.1	18 000	67.7	64.7	14 700*	38.0
		42.0				61.8	63.7	15 100	64.0	62.2	14 000*	42.0
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	28 400	74.8	74.0	25 600*	77.1	72.8	17 300*	28.0
		30.0	70.8	73.9	25 300	73.2	73.3	25 200*	75.5	72.0	16 700*	30.0
		32.0	69.2	73.1	22 800	71.5	72.4	23 700	73.8	71.1	16 200*	32.0
		34.0	67.6	72.2	20 600	69.9	71.6	21 500	72.2	70.2	15 800*	34.0
		36.0	65.9	71.3	18 700	68.2	70.6	19 500	70.5	69.2	15 400*	36.0
		38.0	64.2	70.2	17 000	66.5	69.6	17 700	68.7	68.2	14 900*	38.0
		42.0				63.1	67.3	14 800	65.2	65.8	14 200*	42.0
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	28 100	75.4	77.3	25 700*	77.7	76.0	17 400*	28.0
		30.0	71.6	77.2	25 000	73.8	76.5	25 400*	76.1	75.2	16 900*	30.0
		32.0	70.0	76.4	22 500	72.3	75.7	23 500	74.5	74.4	16 400*	32.0
		34.0	68.5	75.5	20 300	70.7	74.9	21 200	72.9	73.6	15 900*	34.0
		36.0	66.9	74.6	18 400	69.1	74.0	19 200	71.3	72.6	15 500*	36.0
		38.0	65.3	73.7	16 700	67.5	73.0	17 500	69.7	71.6	15 100*	38.0
		42.0							66.3	69.4	14 400*	42.0
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	80.3	82.2	26 900*				22.0
		24.0	76.6	82.3	31 400*	78.9	81.7	26 500*				24.0
		26.0	75.2	81.7	30 800	77.4	81.1	26 200*	79.6	79.8	18 200*	26.0
		28.0	73.7	81.1	27 800	76.0	80.5	25 800*	78.2	79.2	17 600*	28.0
		30.0	72.3	80.4	24 800	74.5	79.8	25 400	76.7	78.5	17 100*	30.0
		32.0	70.8	79.7	22 200	73.0	79.0	23 200	75.1	77.7	16 600*	32.0
		34.0	69.3	78.9	20 100	71.5	78.2	21 000	73.6	76.9	16 100*	34.0
		36.0	67.8	78.0	18 100	70.0	77.3	19 000	72.1	76.0	15 700*	36.0
		38.0	66.3	77.1	16 400	68.4	76.4	17 200	70.5	75.0	15 300*	38.0
		42.0							67.3	72.9	14 600*	42.0

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JAPANESE
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M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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 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	27 400	76.5	83.7	25 900*	78.6	82.4	17 700*	28.0
		30.0	72.9	83.6	24 500	75.1	83.0	25 300	77.2	81.7	17 200*	30.0
		32.0	71.5	82.9	22 000	73.6	82.3	23 000	75.7	80.9	16 700*	32.0
		34.0	70.1	82.2	19 700	72.2	81.5	20 700	74.2	80.1	16 300*	34.0
		36.0	68.6	81.3	17 800	70.7	80.6	18 700	72.8	79.3	15 800*	36.0
		38.0				69.3	79.7	16 900	71.3	78.4	15 500*	38.0
		42.0							68.2	76.3	14 600	42.0
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	30 600	78.3	87.4	26 400*	80.4	86.1	18 400*	26.0
		28.0	74.9	87.5	27 100	77.0	86.8	26 100*	79.0	85.5	17 900*	28.0
		30.0	73.5	86.9	24 100	75.6	86.2	25 200	77.6	84.9	17 400*	30.0
		32.0	72.2	86.2	21 600	74.2	85.5	22 700	76.2	84.2	16 900*	32.0
		34.0	70.8	85.4	19 400	72.8	84.8	20 400	74.8	83.4	16 500*	34.0
		36.0	69.4	84.6	17 500	71.4	84.0	18 400	73.4	82.6	16 000*	36.0
		38.0				70.0	83.1	16 600	72.0	81.7	15 600*	38.0
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	30 300	78.7	90.6	26 500*	80.7	89.3	18 500*	26.0
		28.0	75.4	90.7	26 800	77.4	90.0	26 200*	79.4	88.7	18 000*	28.0
		30.0	74.1	90.1	23 900	76.1	89.4	25 100	78.1	88.1	17 500*	30.0
		32.0	72.8	89.4	21 300	74.8	88.7	22 500	76.7	87.4	17 000*	32.0
		34.0	71.5	88.7	19 100	73.4	88.0	20 100	75.4	86.7	16 600*	34.0
		36.0				72.1	87.2	18 100	74.0	85.9	16 200*	36.0
		38.0				70.7	86.4	16 300	72.6	85.0	15 800*	38.0
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	26 300	77.8	93.2	26 300*	79.8	91.9	18 100*	28.0
		30.0	74.6	93.3	24 400	76.6	92.6	25 200	78.5	91.3	17 600*	30.0
		32.0	73.4	92.6	21 700	75.3	91.9	22 500	77.2	90.6	17 100*	32.0
		34.0	72.1	91.9	19 500	74.0	91.3	20 200	75.9	89.9	16 700*	34.0
		36.0	70.8	91.2	17 600	72.7	90.5	18 200	74.6	89.1	16 300*	36.0
		38.0				71.4	89.7	16 500	73.2	88.3	15 900*	38.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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	16 700	58.7	52.3	15 500*	62.1	50.6	10 700*	42.0
		46.0	50.4	49.7	14 300	53.9	48.8	14 300*	57.2	47.0	10 100*	46.0
		50.0	45.4	45.6	12 400	48.8	44.6	12 800	51.8	42.6	9 600*	50.0
		54.0				43.0	39.6	11 100				54.0
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	16 300	60.4	56.1	16 000*	63.7	54.4	10 900*	42.0
		46.0	52.6	53.8	14 000	56.0	52.9	14 600	59.2	51.1	10 300*	46.0
		50.0	48.0	50.0	12 000	51.3	49.1	12 500	54.2	47.1	9 800*	50.0
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	16 000	65.8	62.4	17 200*	69.1	60.8	11 700*	42.0
		46.0	54.6	57.7	13 600	61.9	59.8	16 500*	65.1	58.1	11 100*	46.0
		50.0				57.8	56.8	14 300	60.9	55.0	10 500*	50.0
						53.5	53.3	12 200	56.4	51.4	10 000*	
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*	79.0	72.0	19 700*				24.0
		26.0	74.0	72.1	21 300*	77.3	71.4	19 300*	80.7	69.9	14 700*	26.0
		28.0	72.3	71.4	20 800*	75.7	70.6	18 900*	79.0	69.1	14 100*	28.0
		30.0	70.6	70.6	20 400*	74.0	69.8	18 600*	77.3	68.3	13 600*	30.0
		32.0	69.0	69.7	20 000*	72.3	69.0	18 300*	75.6	67.4	13 100*	32.0
		34.0	67.2	68.8	19 600*	70.5	68.0	17 900*	73.8	66.5	12 700*	34.0
		36.0	65.5	67.8	19 200*	68.8	67.0	17 600*	72.0	65.4	12 300*	36.0
		38.0	63.7	66.7	18 500	67.0	65.9	17 400*	70.1	64.3	11 900*	38.0
		42.0	60.1	64.3	15 600	63.3	63.5	16 500	66.4	61.8	11 200*	42.0
		46.0				59.4	60.7	13 900	62.4	58.9	10 700*	46.0
		50.0							58.2	55.5	10 100*	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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
5 4 9	1 8 0	38.0	64.9	70.2	18 300	68.0	69.4	17 500*	71.0	67.8	12 100*	38.0
		42.0	61.4	67.9	15 400	64.5	67.1	16 300	67.5	65.4	11 400*	42.0
		46.0				60.9	64.4	13 800	63.8	62.6	10 800*	46.0
		50.0							59.8	59.5	10 300*	50.0
		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
5 7 9	1 9 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	19 500	70.5	73.8	18 000*	73.5	72.2	12 600*	36.0
		38.0	65.9	73.6	18 000	68.9	72.8	17 700*	71.9	71.2	12 200*	38.0
		42.0	62.7	71.5	15 100	65.6	70.6	15 900	68.5	68.9	11 600*	42.0
		46.0				62.2	68.1	13 400	65.0	66.3	11 000*	46.0
		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
6 1 0	2 0 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	19 400	71.3	77.1	18 100*	74.2	75.5	12 700*	36.0
		38.0	66.9	77.0	17 700	69.8	76.2	17 800*	72.6	74.5	12 300*	38.0
		42.0	63.8	75.0	14 800	66.6	74.1	15 600	69.4	72.4	11 700*	42.0
		46.0							66.1	70.0	11 100*	46.0
6 4 0	2 1 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	19 200	72.0	80.5	18 200*	74.8	78.8	12 800*	36.0
6 4 0	2 1 0	38.0	67.8	80.4	17 400	70.6	79.6	18 000*	73.3	77.9	12 500*	38.0
		42.0				67.6	77.6	15 400	70.2	75.8	11 800*	42.0
		46.0							67.1	73.5	11 300*	46.0
		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*	79.6	87.3	19 800*				26.0
		28.0	75.5	87.5	21 700*	78.2	86.7	19 500*				28.0
		30.0	74.1	86.8	21 300*	76.9	86.0	19 200*	79.7	84.4	14 200*	30.0
6 4 0	2 1 0	32.0	72.7	86.1	21 000*	75.5	85.3	18 900*	78.3	83.7	13 700*	32.0
		34.0	71.4	85.4	20 500	74.1	84.6	18 600*	76.8	82.9	13 400*	34.0
		36.0	70.0	84.6	18 900	72.7	83.8	18 300*	75.4	82.1	13 000*	36.0
		38.0	68.6	83.7	17 100	71.3	82.9	18 100*	74.0	81.2	12 600*	38.0
		42.0				68.4	81.0	15 100	71.0	79.3	12 000*	42.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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 7 1	2 2 0	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	20 500	74.7	87.8	18 700*	77.3	86.2	13 500*	34.0
		36.0	70.7	87.9	18 500	73.3	87.0	18 500*	75.9	85.4	13 100*	36.0
		38.0	69.3	87.1	16 800	72.0	86.2	17 900	74.6	84.5	12 800*	38.0
		42.0				69.2	84.4	14 900	71.7	82.6	12 100*	42.0
7 0 1	2 3 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	20 300	75.2	91.1	18 800*	77.8	89.4	13 600*	34.0
		36.0	71.3	91.1	18 200	73.9	90.3	18 600*	76.4	88.6	13 200*	36.0
		38.0	70.0	90.4	16 500	72.6	89.5	17 700	75.1	87.8	12 800*	38.0
		42.0							72.4	86.0	12 200*	42.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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				50.1	49.3	10 100*	54.2	47.5	7 800*	54.0
		58.0							48.8	42.4	7 500*	58.0
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				52.3	53.7	10 400*	56.3	51.9	8 000*	54.0
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				58.3	61.4	11 500*	62.3	59.7	8 600*	50.0
		54.0							58.2	56.1	8 100*	54.0
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	13 300	63.3	68.1	12 200*	67.3	66.4	9 200*	46.0
		50.0				59.8	65.2	11 600*	63.6	63.5	8 700*	50.0
		54.0							59.8	60.2	8 300*	54.0

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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*	79.9	80.9	15 400*				26.0
		28.0	74.7	81.1	16 800*	78.4	80.3	15 100*				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
5 4 9	1 8 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				64.5	71.7	12 300*	68.3	70.0	9 400*	46.0
		50.0				61.1	69.0	11 800*	64.9	67.3	8 900*	50.0
		54.0							61.2	64.1	8 400*	54.0
		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
5 7 9	1 9 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				65.5	75.3	12 500*	69.2	73.5	9 500*	46.0
		50.0							65.9	70.9	9 000*	50.0
		21.3	80.2	89.2	18 300*							21.3
6 1 0	2 0 0	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
6 4 0	2 1 0	46.0				66.5	78.8	12 700*	70.1	77.0	9 600*	46.0
		50.0							66.9	74.6	9 100*	50.0
		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
6 4 0	2 1 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	14 700	70.2	84.3	13 300*	73.7	82.6	10 300*	42.0
		46.0							70.8	80.5	9 700*	46.0
		50.0							67.8	78.1	9 200*	50.0
		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*	80.0	93.0	15 400*				28.0
6 4 0	2 1 0	30.0	75.4	93.2	17 000*	78.7	92.4	15 100*				30.0
		32.0	74.2	92.6	16 600*	77.4	91.7	14 800*				32.0
		34.0	72.9	91.9	16 300*	76.1	91.0	14 500*	79.7	89.3	11 600*	34.0
		36.0	71.6	91.2	16 000*	74.8	90.3	14 200*	78.4	88.5	11 300*	36.0
		38.0	70.3	90.4	15 700*	73.5	89.5	14 000*	77.0	87.7	10 900*	38.0
		42.0				70.9	87.7	13 400*	74.3	85.9	10 300*	42.0
		46.0							71.5	83.9	9 800*	46.0
		50.0							68.7	81.6	9 400*	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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 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*	80.3	96.1	15 500*				28.0
		30.0	75.9	96.4	17 100*	79.1	95.5	15 200*				30.0
		32.0	74.7	95.8	16 800*	77.8	94.9	14 900*				32.0
		34.0	73.4	95.1	16 500*	76.6	94.2	14 600*	80.0	92.5	11 700*	34.0
		36.0	72.2	94.4	16 200*	75.3	93.5	14 400*	78.8	91.8	11 300*	36.0
		38.0	71.0	93.7	15 800*	74.1	92.7	14 100*	77.5	91.0	11 000*	38.0
		42.0				71.5	91.0	13 500*	74.9	89.3	10 500*	42.0
		46.0							72.2	87.3	9 900*	46.0
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*	80.6	99.3	15 600*				28.0
		30.0	76.3	99.6	17 200*	79.4	98.7	15 300*				30.0
		32.0	75.2	99.0	16 900*	78.2	98.1	15 000*				32.0
		34.0	74.0	98.3	16 600*	77.0	97.4	14 700*	80.4	95.7	11 800*	34.0
		36.0	72.8	97.7	16 300*	75.8	96.7	14 500*	79.1	95.0	11 400*	36.0
		38.0	71.6	96.9	16 000*	74.6	96.0	14 200*	77.9	94.2	11 100*	38.0
		42.0				72.1	94.4	13 700*	75.4	92.6	10 500*	42.0
		46.0							72.8	90.7	10 000*	46.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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				55.5	58.4	6 800*	60.0	56.3	6 100*	54.0
		58.0				51.3	54.4	6 400*	55.6	52.1	5 800*	58.0
		62.0							50.8	47.3	5 600*	62.0
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				57.2	62.4	7 000*	61.6	60.3	6 200*	54.0
		58.0							57.5	56.5	5 900*	58.0
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				58.7	66.3	7 100*	62.9	64.2	6 300*	54.0
		58.0							59.1	60.7	6 100*	58.0
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				63.3	73.0	7 700*	67.6	71.0	6 800*	50.0
		54.0							64.1	68.1	6 400*	54.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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	
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
5 4 9	1 8 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				64.4	76.7	7 800*	68.5	74.6	6 900*	50.0
		54.0							65.2	71.8	6 500*	54.0
		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
5 7 9	1 9 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				68.3	82.6	8 400*	72.3	80.6	7 300*	46.0
		50.0				65.4	80.2	8 000*	69.3	78.2	6 900*	50.0
		54.0							66.3	75.5	6 600*	54.0
		21.3	80.8	95.5	14 800*							21.3
		22.0	80.4	95.4	14 700*							22.0
6 1 0	2 0 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				69.1	86.0	8 500*	73.0	84.0	7 400*	46.0
6 4 0	2 1 0	50.0				66.3	83.8	8 100*	70.1	81.7	7 000*	50.0
		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*	79.9	95.7	10 700*				30.0
		32.0	74.7	95.8	12 700*	78.7	95.1	10 400*				32.0
		34.0	73.4	95.2	12 300*	77.5	94.4	10 100*				34.0
		36.0	72.2	94.5	12 000*	76.2	93.7	9 900*	80.1	91.8	8 400*	36.0
		38.0	70.9	93.7	11 600*	74.9	93.0	9 600*	78.8	91.0	8 200*	38.0
6 4 0	2 1 0	42.0	68.4	92.0	11 000*	72.4	91.3	9 100*	76.2	89.3	7 800*	42.0
		46.0				69.8	89.4	8 700*	73.6	87.3	7 500*	46.0
		50.0							70.8	85.2	7 100*	50.0
		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*	80.2	98.9	10 800*				30.0
		32.0	75.1	99.0	12 700*	79.0	98.3	10 500*				32.0
		34.0	73.9	98.4	12 300*	77.9	97.6	10 200*				34.0
6 4 0	2 1 0	36.0	72.7	97.7	12 000*	76.6	96.9	10 000*				36.0
		38.0	71.5	97.0	11 700*	75.4	96.2	9 700*	79.2	94.2	8 200*	38.0
		42.0				73.0	94.6	9 200*	76.7	92.6	7 900*	42.0
		46.0				70.4	92.8	8 800*	74.1	90.7	7 500*	46.0
		50.0							71.5	88.6	7 200*	50.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

JAPANESE
CODES

M-250

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
28 mm WHIP LINE
75 750 kg 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 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				73.5	97.9	9 300*	77.1	95.8	7 900*	42.0
		46.0				71.1	96.1	8 900*	74.7	94.0	7 600*	46.0
		50.0							72.1	92.0	7 300*	50.0