

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

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

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7640-AM. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND ARE CALCULATED TO COMPLY WITH BS 1757-1986 CLAUSE 9, I.S.O. 4305 AND BS 2573 PART 1 - 1983 TABLES 5(a) AND 6(a). 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 THE LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM THE LOWER BOOM POINT.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE 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 OR NO. 172692, AND WIRE ROPE SPECIFICATION CHART NO. 7602-B. 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 THE LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON THE 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 THE BOOM ANGLE RANGE SHOWN IN CAPACITY CHART.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE 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 29 mm DYFORM 6 IWRC WIRE ROPE IS 13 610 kg PER LINE.

WIND LIMITS DURING OPERATION		
MAXIMUM WIND VELOCITY	BOOM LENGTH	JIB LENGTH
m/s	METERS	METERS
14	21.3 - 67.1	---
10	70.1 - 88.4	---
14	39.6 - 67.1	12.2 - 18.3
10	70.1 - 79.2	12.2 - 18.3
14	39.6 - 54.9	24.4
10	57.9 - 73.2	24.4
7	76.2	24.4
10	39.6 - 67.1	30.5
7	70.1 - 73.2	30.5
10	39.6 - 61.0	36.6
7	64.0 - 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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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.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	POINT ELEV. METERS	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	31 100*b	66.7	48.7	27 300*	69.0	47.9	21 400*	26.0
		28.0	61.9	48.0	29 800*b	64.2	47.6	26 500*	66.4	46.8	20 700*	28.0
		30.0	59.4	46.8	28 700*	61.7	46.4	25 800*	63.8	45.6	20 000*	30.0
		32.0	56.8	45.5	27 700*	59.0	45.1	25 100*	61.1	44.2	19 400*	32.0
		34.0	54.1	44.0	26 800*	56.3	43.6	24 500*	58.3	42.7	18 800*	34.0
		36.0	51.3	42.4	25 600	53.5	42.0	24 000*	55.4	41.0	18 400*	36.0
		38.0	48.3	40.6	23 600	50.5	40.2	23 500*	52.4	39.2	17 900*	38.0
		42.0	42.0	36.4	20 100	44.1	35.9	20 400	45.8	34.8	17 100*	42.0
		46.0	34.6	31.0	17 300	36.6	30.4	17 500				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	31 900*b	68.1	52.1	27 800*	70.3	51.3	21 800*	26.0
		28.0	63.6	51.5	30 600*b	65.8	51.1	27 000*	67.9	50.3	21 100*	28.0
		30.0	61.3	50.4	29 500*	63.4	50.0	26 300*	65.5	49.2	20 400*	30.0
		32.0	58.9	49.1	28 500*	61.0	48.8	25 600*	63.0	47.9	19 800*	32.0
		34.0	56.4	47.8	27 400*	58.5	47.4	25 000*	60.4	46.5	19 200*	34.0
		36.0	53.8	46.3	25 200	55.9	45.9	24 400*	57.8	45.0	18 800*	36.0
		38.0	51.1	44.7	23 100	53.2	44.3	23 600	55.1	43.3	18 300*	38.0
		42.0	45.5	40.9	19 600	47.5	40.5	20 000	49.2	39.4	17 500*	42.0
		46.0	39.1	36.3	16 800	41.1	35.7	17 000				46.0
		50.0	31.7	30.3	14 400	33.5	29.7	14 600				50.0
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	27 200	60.4	51.1	25 400*	62.3	50.2	19 600*	34.0
		36.0	56.0	50.1	24 800	58.0	49.7	24 900*	59.8	48.8	19 100*	36.0
		38.0	53.5	48.6	22 800	55.5	48.2	23 300	57.3	47.3	18 700*	38.0
		42.0	48.4	45.2	19 300	50.3	44.8	19 700	52.0	43.7	17 800*	42.0
		46.0	42.8	41.1	16 400	44.6	40.6	16 700	46.2	39.4	17 100	46.0
		50.0	36.4	36.0	14 100	38.2	35.4	14 300				50.0
		54.0	28.9	29.3	12 100							54.0
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	29 400*b	64.2	55.9	26 500*	66.1	55.0	20 600*	32.0
		34.0	60.1	55.1	26 700	62.0	54.7	25 900*	63.9	53.8	20 000*	34.0
		36.0	57.9	53.8	24 400	59.8	53.4	24 900	61.6	52.5	19 500*	36.0
		38.0	55.7	52.4	22 300	57.5	52.0	22 800	59.3	51.1	19 000*	38.0
		42.0	50.9	49.3	18 800	52.8	48.9	19 200	54.4	47.9	18 200*	42.0
		46.0	45.8	45.5	16 000	47.6	45.1	16 300	49.1	44.0	16 600	46.0
		50.0	40.2	41.0	13 600	42.0	40.5	13 900	43.3	39.3	14 100	50.0
		54.0	33.8	35.5	11 600	35.5	34.8	11 800				54.0

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93 890 kg CRANE COUNTERWEIGHT
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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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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 200b	65.6	59.3	26 900*	67.3	58.5	21 000*	32.0
		34.0	61.7	58.6	26 500b	63.5	58.2	26 300*	65.3	57.4	20 400*	34.0
		36.0	59.6	57.4	24 200	61.4	57.0	24 900	63.2	56.1	19 900*	36.0
		38.0	57.5	56.1	22 100	59.3	55.7	22 600	61.0	54.8	19 400*	38.0
		42.0	53.1	53.2	18 600	54.9	52.8	19 100	56.5	51.8	18 500*	42.0
		46.0	48.5	49.8	15 800	50.2	49.3	16 100	51.7	48.3	16 500	46.0
		50.0	43.4	45.7	13 400	45.1	45.2	13 700	46.5	44.1	14 000	50.0
		54.0	37.8	40.8	11 400	39.4	40.3	11 700				54.0
		58.0	31.3	34.7	9 700							58.0
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	31 800b	68.6	63.7	28 000*	70.4	62.9	21 900*	30.0
		32.0	65.0	63.1	28 800b	66.8	62.8	27 300*	68.5	61.9	21 300*	32.0
		34.0	63.1	62.1	26 100b	64.8	61.7	26 500*	66.5	60.8	20 700*	34.0
		36.0	61.1	61.0	23 700	62.9	60.6	24 500	64.6	59.7	20 200*	36.0
		38.0	59.2	59.8	21 700	60.9	59.4	22 300	62.5	58.5	19 700*	38.0
		42.0	55.1	57.1	18 200	56.8	56.6	18 700	58.3	55.7	18 800	42.0
		46.0	50.7	53.9	15 300	52.4	53.4	15 700	53.9	52.4	16 100	46.0
		50.0	46.1	50.2	12 900	47.8	49.7	13 300	49.1	48.6	13 600	50.0
		54.0	41.1	45.8	11 000	42.7	45.3	11 200				54.0
		58.0	35.5	40.5	9 300	37.0	39.9	9 400				58.0
		62.0	28.9	33.8	7 800							62.0
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	34 100*b	71.4	67.9	29 100*	73.1	67.0	22 800*	28.0
		30.0	67.9	67.4	31 600b	69.6	67.0	28 400*	71.3	66.2	22 200*	30.0
		32.0	66.1	66.5	28 400b	67.8	66.1	27 700*	69.5	65.3	21 600*	32.0
		34.0	64.3	65.5	25 700b	66.0	65.2	26 600	67.7	64.3	21 000*	34.0
		36.0	62.5	64.5	23 400	64.2	64.1	24 100	65.8	63.2	20 500*	36.0
		38.0	60.6	63.3	21 300	62.3	62.9	21 900	63.9	62.0	20 000*	38.0
		42.0	56.8	60.8	17 800	58.4	60.4	18 300	60.0	59.4	18 800	42.0
		46.0	52.8	57.8	15 000	54.4	57.4	15 400	55.8	56.4	15 800	46.0
		50.0	48.5	54.4	12 600	50.1	53.9	12 900	51.4	52.9	13 300	50.0
		54.0	43.9	50.4	10 600	45.5	49.9	10 900	46.7	48.7	11 200	54.0
		58.0	38.9	45.7	8 900	40.4	45.1	9 100				58.0
		62.0	33.2	39.9	7 400	34.6	39.3	7 600				62.0

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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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	34 500*b	72.2	71.1	29 500*	73.8	70.3	23 100*	28.0
		30.0	68.9	70.7	31 100b	70.5	70.3	28 800*	72.1	69.5	22 500*	30.0
		32.0	67.2	69.9	27 900b	68.8	69.5	28 100*	70.4	68.6	21 900*	32.0
		34.0	65.5	68.9	25 300b	67.1	68.6	26 100	68.7	67.7	21 300*	34.0
		36.0	63.7	67.9	22 900b	65.4	67.5	23 700	66.9	66.7	20 800*	36.0
		38.0	62.0	66.9	20 900	63.6	66.5	21 500	65.1	65.6	20 300*	38.0
		42.0	58.4	64.4	17 400	59.9	64.0	17 900	61.4	63.1	18 500	42.0
		46.0	54.6	61.7	14 500	56.1	61.2	15 000	57.5	60.3	15 400	46.0
		50.0	50.6	58.5	12 100	52.1	58.0	12 500	53.5	57.0	12 900	50.0
54.0	46.4	54.8	10 200	47.9	54.3	10 500	49.1	53.2	10 800	54.0		
58.0	41.8	50.5	8 400	43.3	50.0	8 700				58.0		
62.0	36.8	45.4	7 000	38.2	44.8	7 200				62.0		
66.0	31.0	39.2	5 700							66.0		
6 4 . 0	2 1 . 0	16.8	80.0	77.8	40 800*b							16.8
		18.0	79.1	77.6	40 800*b							18.0
		20.0	77.6	77.1	40 700*b	79.2	76.8	33 300*b				20.0
		22.0	76.0	76.6	39 700*b	77.7	76.3	32 300*b	79.3	75.5	25 600*	22.0
		24.0	74.5	76.1	38 100*b	76.1	75.7	31 400*b	77.7	74.9	24 800*	24.0
		26.0	72.9	75.4	36 800*b	74.5	75.1	30 600*b	76.1	74.2	24 000*	26.0
		28.0	71.4	74.8	34 600b	73.0	74.4	29 800*	74.5	73.5	23 400*	28.0
		30.0	69.8	74.0	30 800b	71.4	73.6	29 100*	72.9	72.8	22 800*	30.0
		32.0	68.1	73.2	27 800b	69.7	72.8	28 400*	71.3	72.0	22 200*	32.0
		34.0	66.5	72.3	25 100b	68.1	71.9	25 900	69.6	71.1	21 600*	34.0
		36.0	64.9	71.3	22 700b	66.4	71.0	23 500	67.9	70.1	21 100*	36.0
		38.0	63.2	70.3	20 600b	64.7	69.9	21 300	66.2	69.0	20 600*	38.0
		42.0	59.8	68.0	17 100	61.3	67.6	17 700	62.7	66.7	18 300	42.0
		46.0	56.2	65.4	14 300	57.7	65.0	14 800	59.1	64.0	15 200	46.0
		50.0	52.5	62.4	11 900	54.0	62.0	12 400	55.3	61.0	12 700	50.0
		54.0	48.5	59.0	9 900	50.0	58.5	10 300	51.2	57.5	10 600	54.0
58.0	44.3	55.0	8 200	45.8	54.5	8 500	46.9	53.4	8 800	58.0		
62.0	39.8	50.4	6 700	41.2	49.9	7 000				62.0		
66.0	34.7	45.0	5 500	36.0	44.3	5 600				66.0		
70.0	28.9	38.2	4 300							70.0		
6 7 . 1	2 2 . 0	16.8	80.4	80.9	40 800*b							16.8
		18.0	79.5	80.7	40 800*b							18.0
		20.0	78.1	80.3	40 800*b	79.6	79.9	33 600*b				20.0
		22.0	76.6	79.8	40 400*b	78.2	79.4	32 600*b	79.7	78.6	25 700*	22.0
		24.0	75.1	79.2	38 700*b	76.7	78.9	31 800*b	78.2	78.1	25 000*	24.0
		26.0	73.6	78.6	37 300*b	75.2	78.3	30 900*b	76.7	77.4	24 300*	26.0
		28.0	72.1	78.0	34 100b	73.6	77.6	30 200*b	75.2	76.8	23 600*	28.0
		30.0	70.6	77.3	30 400b	72.1	76.9	29 400*	73.6	76.0	23 000*	30.0
		32.0	69.0	76.5	27 400b	70.6	76.1	28 300	72.0	75.2	22 400*	32.0
		34.0	67.5	75.6	24 700b	69.0	75.3	25 500	70.5	74.4	21 900*	34.0
		36.0	65.9	74.7	22 300b	67.4	74.3	23 100	68.9	73.5	21 400*	36.0
		38.0	64.3	73.8	20 200b	65.8	73.4	21 000	67.2	72.5	20 900*	38.0
		42.0	61.0	71.6	16 700	62.5	71.2	17 300	63.9	70.3	17 900	42.0
		46.0	57.7	69.1	13 900	59.1	68.7	14 400	60.5	67.7	14 900	46.0
		50.0	54.2	66.3	11 500	55.6	65.9	12 000	56.9	64.9	12 400	50.0
		54.0	50.5	63.1	9 500	51.9	62.6	9 900	53.1	61.6	10 200	54.0
58.0	46.6	59.4	7 800	48.0	58.9	8 100	49.1	57.8	8 400	58.0		
62.0	42.4	55.2	6 300	43.7	54.6	6 600	44.8	53.4	6 800	62.0		
66.0	37.8	50.2	5 000	39.1	49.7	5 200				66.0		
70.0	32.7	44.4	3 900	34.0	43.7	4 100				70.0		
74.0	26.8	37.0	2 900							74.0		

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 0 · 1	2 3 0	16.8	80.8	84.0	40 800*b							16.8
		18.0	79.9	83.8	40 800*b							18.0
		20.0	78.5	83.4	40 800*b	80.0	83.0	33 800*b				20.0
		22.0	77.1	82.9	40 500*b	78.6	82.6	32 900*b				22.0
		24.0	75.7	82.4	39 300*b	77.2	82.0	32 000*b	80.1	81.7	25 900*	24.0
		26.0	74.2	81.8	37 800*b	75.7	81.5	31 200*b	77.2	80.6	24 500*	26.0
		28.0	72.8	81.2	33 700b	74.3	80.8	30 500*b	75.7	80.0	23 900*	28.0
		30.0	71.3	80.5	30 100b	72.8	80.1	29 800*	74.3	79.3	23 300*	30.0
		32.0	69.8	79.8	27 000b	71.3	79.4	27 900	72.8	78.5	22 700*	32.0
		34.0	68.4	79.0	24 300b	69.8	78.6	25 200	71.2	77.7	22 100*	34.0
		36.0	66.8	78.1	21 900b	68.3	77.7	22 800	69.7	76.8	21 700*	36.0
		38.0	65.3	77.2	19 900b	66.8	76.8	20 600	68.2	75.9	21 200*	38.0
		42.0	62.2	75.1	16 400	63.6	74.7	17 000	65.0	73.8	17 600	42.0
		46.0	59.0	72.7	13 500	60.4	72.3	14 000	61.7	71.4	14 500	46.0
		50.0	55.7	70.1	11 100	57.1	69.6	11 600	58.3	68.7	12 000	50.0
		54.0	52.2	67.0	9 100	53.6	66.6	9 600	54.8	65.6	9 900	54.0
		58.0	48.6	63.6	7 400	49.9	63.1	7 800	51.1	62.0	8 100	58.0
		62.0	44.7	59.7	5 900	46.0	59.2	6 200	47.1	58.0	6 500	62.0
		66.0	40.5	55.2	4 700	41.8	54.6	4 900				66.0
		70.0	36.0	49.9	3 500	37.2	49.3	3 700				70.0
		74.0	30.8	43.6	2 500							74.0
7 3 · 2	2 4 0	18.3	80.1	86.9	40 800*b							18.3
		20.0	78.9	86.5	40 800*b	80.4	86.2	34 100*b				20.0
		22.0	77.6	86.1	40 700*b	79.0	85.7	33 200*b	80.5	84.9	26 100*	22.0
		24.0	76.2	85.6	39 900*b	77.6	85.2	32 300*b	79.1	84.4	25 500*	24.0
		26.0	74.8	85.0	37 500b	76.2	84.6	31 500*b	77.7	83.8	24 800*	26.0
		28.0	73.4	84.4	33 200b	74.8	84.0	30 800*b	76.3	83.2	24 100*	28.0
		30.0	72.0	83.7	29 700b	73.4	83.4	30 100*	74.8	82.5	23 500*	30.0
		32.0	70.6	83.0	26 600b	72.0	82.6	27 600	73.4	81.8	22 900*	32.0
		34.0	69.2	82.2	23 900b	70.6	81.9	24 800	72.0	81.0	22 400*	34.0
		36.0	67.7	81.4	21 500b	69.1	81.0	22 400	70.5	80.2	21 900*	36.0
		38.0	66.3	80.5	19 500b	67.7	80.1	20 200	69.0	79.2	20 900	38.0
		42.0	63.3	78.6	15 900b	64.7	78.1	16 600	66.0	77.2	17 200	42.0
		46.0	60.2	76.3	13 100	61.6	75.9	13 600	62.9	75.0	14 200	46.0
		50.0	57.1	73.8	10 700	58.4	73.3	11 200	59.7	72.4	11 700	50.0
		54.0	53.8	70.9	8 700	55.1	70.5	9 200	56.3	69.5	9 500	54.0
		58.0	50.4	67.7	7 000	51.7	67.2	7 400	52.8	66.1	7 700	58.0
		62.0	46.8	64.0	5 500	48.0	63.5	5 800	49.1	62.4	6 100	62.0
		66.0	42.9	59.9	4 200	44.2	59.3	4 500	45.1	58.1	4 700	66.0
		70.0	38.7	55.1	3 100	39.9	54.5	3 300				70.0
		74.0	34.1	49.4	2 100	35.3	48.8	2 200				74.0
7 6 · 2	2 5 0	18.3	80.4	90.0	40 800*b							18.3
		20.0	79.3	89.6	40 800*b	80.7	89.3	34 300*b				20.0
		22.0	78.0	89.2	40 800*b	79.4	88.8	33 400*b				22.0
		24.0	76.7	88.7	40 200*b	78.1	88.3	32 600*b	79.5	87.5	25 600*	24.0
		26.0	75.3	88.2	37 800b	76.7	87.8	31 800*b	78.1	87.0	25 000*	26.0
		28.0	74.0	87.6	33 500b	75.4	87.2	31 000*b	76.8	86.4	24 300*	28.0
		30.0	72.6	87.0	29 900b	74.0	86.6	30 300	75.4	85.7	23 700*	30.0
		32.0	71.3	86.3	26 900b	72.7	85.9	27 800	74.0	85.0	23 200*	32.0
		34.0	69.9	85.5	24 200b	71.3	85.1	25 100	72.6	84.3	22 600*	34.0
		36.0	68.5	84.7	21 800b	69.9	84.3	22 600	71.2	83.5	22 200*	36.0
		38.0	67.1	83.9	19 700b	68.5	83.5	20 500	69.8	82.6	21 200	38.0
		42.0	64.3	82.0	16 200b	65.6	81.6	16 900	66.9	80.7	17 500	42.0
		46.0	61.4	79.8	13 300	62.7	79.4	13 900	63.9	78.5	14 500	46.0
		50.0	58.4	77.4	11 000	59.7	77.0	11 500	60.9	76.0	12 000	50.0
		54.0	55.2	74.7	9 000	56.5	74.3	9 400	57.7	73.3	9 800	54.0
		58.0	52.0	71.6	7 300	53.3	71.2	7 700	54.4	70.1	8 000	58.0
		62.0	48.6	68.2	5 800	49.9	67.7	6 200	50.9	66.6	6 400	62.0
		66.0	45.0	64.3	4 500	46.2	63.8	4 800	47.2	62.6	5 000	66.0
		70.0	41.2	59.9	3 400	42.4	59.3	3 600	43.3	58.1	3 800	70.0
		74.0	37.0	54.8	2 400	38.1	54.2	2 600				74.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 9 · 2	2 6 0	18.3	80.7	93.1	40 800*b							18.3
		20.0	79.7	92.7	40 800*b							20.0
		22.0	78.4	92.3	40 800*b	79.8	92.0	33 600*b				22.0
		24.0	77.1	91.9	40 600*b	78.5	91.5	32 800*b	79.8	90.6	25 800*	24.0
		26.0	75.8	91.3	37 400b	77.2	91.0	32 100*b	78.5	90.1	25 200*	26.0
		28.0	74.5	90.8	33 100b	75.9	90.4	31 300*b	77.2	89.6	24 500*	28.0
		30.0	73.2	90.2	29 500b	74.6	89.8	30 300b	75.9	88.9	24 000*	30.0
		32.0	71.9	89.5	26 400b	73.3	89.1	27 400	74.6	88.3	23 400*	32.0
		34.0	70.6	88.8	23 800b	71.9	88.4	24 700	73.2	87.5	22 900*	34.0
		36.0	69.3	88.0	21 400b	70.6	87.6	22 300	71.9	86.7	22 400*	36.0
		38.0	67.9	87.2	19 300b	69.2	86.8	20 100	70.5	85.9	20 900	38.0
		42.0	65.2	85.4	15 800b	66.5	85.0	16 500	67.7	84.1	17 100	42.0
		46.0	62.4	83.3	12 900b	63.7	82.9	13 600	64.9	82.0	14 100	46.0
		50.0	59.5	81.0	10 600	60.8	80.6	11 100	62.0	79.6	11 600	50.0
		54.0	56.6	78.4	8 600	57.8	78.0	9 000	59.0	77.0	9 500	54.0
		58.0	53.5	75.5	6 900	54.7	75.1	7 300	55.8	74.0	7 600	58.0
		62.0	50.3	72.3	5 400	51.5	71.8	5 700	52.5	70.7	6 000	62.0
		66.0	46.9	68.6	4 100	48.1	68.1	4 400	49.1	67.0	4 600	66.0
		70.0	43.3	64.5	3 000	44.5	64.0	3 200	45.4	62.8	3 400	70.0
		74.0	39.5	59.8	2 000	40.6	59.2	2 200				74.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	18 600*	22.0
		24.0	70.8	56.6	29 300*	73.9	56.1	25 400*	77.1	54.9	17 800*	24.0
		26.0	68.6	55.8	28 600*	71.8	55.2	25 000*	74.9	54.0	17 100*	26.0
		28.0	66.5	54.8	28 000*	69.6	54.2	24 500*	72.6	53.0	16 400*	28.0
		30.0	64.3	53.8	27 400*	67.3	53.2	23 600*	70.3	51.9	15 800*	30.0
		32.0	62.0	52.6	26 900*	65.0	52.0	22 700*	68.0	50.8	15 300*	32.0
		34.0	59.7	51.4	26 400*	62.7	50.8	21 800*	65.6	49.5	14 800*	34.0
		36.0	57.3	50.0	25 900*	60.3	49.4	21 100*	63.1	48.0	14 300*	36.0
		38.0	54.9	48.5	24 400	57.8	47.9	20 400*	60.5	46.5	13 900*	38.0
		42.0	49.7	45.1	20 800	52.6	44.4	19 100*	55.1	42.9	13 200*	42.0
		46.0	44.1	41.0	18 000	46.8	40.2	17 900*	49.1	38.5	12 600*	46.0
		50.0	37.7	35.8	15 600	40.3	34.9	15 900				50.0
		54.0	30.1	29.2	13 500							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	18 800*	22.0
		24.0	71.8	59.9	29 600*	74.8	59.3	25 600*	77.8	58.1	18 000*	24.0
		26.0	69.8	59.1	29 000*	72.7	58.5	25 200*	75.7	57.3	17 300*	26.0
		28.0	67.7	58.2	28 400*	70.7	57.6	24 700*	73.6	56.4	16 700*	28.0
		30.0	65.7	57.2	27 800*	68.6	56.6	24 200*	71.4	55.4	16 100*	30.0
		32.0	63.6	56.2	27 300*	66.4	55.5	23 200*	69.3	54.3	15 600*	32.0
		34.0	61.4	55.0	26 700*	64.3	54.4	22 400*	67.0	53.1	15 100*	34.0
		36.0	59.2	53.7	25 900	62.0	53.1	21 600*	64.7	51.7	14 600*	36.0
		38.0	56.9	52.3	23 900	59.7	51.7	20 900*	62.4	50.3	14 200*	38.0
		42.0	52.2	49.2	20 400	54.9	48.5	19 700*	57.4	47.0	13 500*	42.0
		46.0	47.1	45.4	17 500	49.7	44.7	18 000	52.0	43.1	12 800*	46.0
		50.0	41.5	40.9	15 100	44.0	40.1	15 500				50.0
		54.0	35.0	35.3	13 100	37.4	34.3	13 300				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	19 000*	22.0
		24.0	72.7	63.2	29 900*	75.5	62.6	25 700*	78.4	61.4	18 300*	24.0
		26.0	70.8	62.4	29 300*	73.6	61.8	25 300*	76.4	60.6	17 600*	26.0
		28.0	68.9	61.5	28 700*	71.7	60.9	24 900*	74.5	59.7	17 000*	28.0
		30.0	66.9	60.6	28 100*	69.7	60.0	24 500*	72.4	58.8	16 400*	30.0
		32.0	64.9	59.6	27 600*	67.7	59.0	23 700*	70.4	57.7	15 900*	32.0
		34.0	62.9	58.5	27 100*	65.6	57.9	22 900*	68.3	56.6	15 300*	34.0
		36.0	60.8	57.3	25 800	63.6	56.7	22 100*	66.1	55.3	14 900*	36.0
		38.0	58.7	56.0	23 500	61.4	55.4	21 400*	64.0	54.0	14 500*	38.0
		42.0	54.3	53.1	20 000	57.0	52.4	20 200*	59.4	51.0	13 700*	42.0
		46.0	49.7	49.7	17 100	52.2	48.9	17 600	54.5	47.4	13 100*	46.0
		50.0	44.6	45.6	14 700	47.1	44.8	15 100	49.1	43.1	12 600*	50.0
		54.0	39.0	40.7	12 700	41.3	39.8	13 000				54.0
		58.0	32.5	34.6	11 000							58.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	18 500*	24.0
		26.0	71.7	65.7	29 600*	74.4	65.1	25 500*	77.1	63.8	17 800*	26.0
		28.0	69.9	64.9	29 000*	72.6	64.2	25 100*	75.2	63.0	17 200*	28.0
		30.0	68.0	64.0	28 400*	70.7	63.4	24 800*	73.3	62.1	16 600*	30.0
		32.0	66.1	63.0	27 900*	68.8	62.4	24 200*	71.4	61.1	16 100*	32.0
		34.0	64.2	62.0	27 200*	66.9	61.4	23 400*	69.4	60.1	15 600*	34.0
		36.0	62.3	60.9	25 300	64.9	60.2	22 600*	67.4	58.9	15 200*	36.0
		38.0	60.3	59.7	23 100	62.9	59.0	21 900*	65.4	57.6	14 800*	38.0
		42.0	56.2	57.0	19 600	58.8	56.3	20 300	61.1	54.8	14 000*	42.0
		46.0	51.9	53.8	16 700	54.4	53.0	17 200	56.6	51.5	13 400*	46.0
		50.0	47.3	50.1	14 300	49.7	49.3	14 700	51.7	47.6	12 800*	50.0
		54.0	42.2	45.7	12 300	44.5	44.8	12 600				54.0
		58.0	36.6	40.3	10 500	38.7	39.3	10 800				58.0
		62.0	29.9	33.6	9 000							62.0
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	18 700*	24.0
		26.0	72.5	68.9	29 900*	75.1	68.3	25 700*	77.7	67.1	18 000*	26.0
		28.0	70.8	68.1	29 300*	73.4	67.5	25 300*	75.9	66.3	17 400*	28.0
		30.0	69.0	67.3	28 700*	71.6	66.7	24 900*	74.1	65.4	16 900*	30.0
		32.0	67.3	66.4	28 200*	69.8	65.8	24 600*	72.3	64.5	16 400*	32.0
		34.0	65.5	65.4	27 400*	68.0	64.8	23 900*	70.4	63.5	15 900*	34.0
		36.0	63.6	64.4	25 000	66.1	63.7	23 100*	68.5	62.4	15 400*	36.0
		38.0	61.8	63.2	22 900	64.2	62.6	22 300*	66.6	61.2	15 000*	38.0
		42.0	57.9	60.7	19 300	60.3	60.0	20 100	62.6	58.6	14 300*	42.0
		46.0	53.9	57.7	16 500	56.3	57.0	17 000	58.4	55.5	13 600*	46.0
		50.0	49.6	54.3	14 100	51.9	53.5	14 500	53.9	51.9	13 100*	50.0
		54.0	45.0	50.3	12 100	47.2	49.4	12 500	49.1	47.7	12 500*	54.0
		58.0	40.0	45.5	10 300	42.1	44.6	10 700				58.0
		62.0	34.3	39.8	8 800	36.3	38.7	9 000				62.0
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*				24.0
		26.0	73.3	72.1	30 100*	75.8	71.5	25 800*	78.3	70.3	18 200*	26.0
		28.0	71.6	71.4	29 500*	74.1	70.8	25 400*	76.6	69.5	17 700*	28.0
		30.0	70.0	70.6	29 000*	72.4	70.0	25 100*	74.8	68.7	17 100*	30.0
		32.0	68.3	69.8	28 500*	70.7	69.1	24 800*	73.1	67.8	16 600*	32.0
		34.0	66.6	68.8	27 100	69.0	68.2	24 300*	71.3	66.9	16 100*	34.0
		36.0	64.8	67.8	24 600	67.2	67.2	23 500*	69.5	65.8	15 700*	36.0
		38.0	63.0	66.8	22 500	65.4	66.1	22 800*	67.7	64.7	15 300*	38.0
		42.0	59.4	64.4	18 900	61.8	63.7	19 700	64.0	62.2	14 500*	42.0
		46.0	55.6	61.6	16 000	57.9	60.8	16 700	60.0	59.4	13 800*	46.0
		50.0	51.6	58.4	13 700	53.9	57.6	14 200	55.9	56.0	13 300*	50.0
		54.0	47.4	54.7	11 600	49.6	53.8	12 100	51.5	52.1	12 500	54.0
		58.0	42.8	50.4	9 900	44.9	49.5	10 300				58.0
		62.0	37.8	45.2	8 400	39.8	44.2	8 700				62.0
		66.0	32.0	39.0	7 100							66.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

BRITISH
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M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	18 400*	26.0
		28.0	72.4	74.7	29 800*	74.8	74.0	25 600*	77.1	72.8	17 800*	28.0
		30.0	70.8	73.9	29 300*	73.2	73.3	25 200*	75.5	72.0	17 300*	30.0
		32.0	69.2	73.1	28 800*	71.5	72.4	24 900*	73.8	71.1	16 800*	32.0
		34.0	67.6	72.2	26 700	69.9	71.6	24 600*	72.2	70.2	16 300*	34.0
		36.0	65.9	71.3	24 300	68.2	70.6	24 000*	70.5	69.2	15 900*	36.0
		38.0	64.2	70.2	22 100	66.5	69.6	23 000	68.7	68.2	15 500*	38.0
		42.0	60.8	67.9	18 600	63.1	67.3	19 300	65.2	65.8	14 700*	42.0
		46.0	57.2	65.3	15 700	59.4	64.6	16 400	61.5	63.1	14 100*	46.0
		50.0	53.5	62.3	13 300	55.7	61.6	13 900	57.6	60.0	13 500*	50.0
		54.0	49.5	58.9	11 300	51.7	58.1	11 700	53.5	56.4	12 100	54.0
		58.0	45.3	54.9	9 500	47.4	54.1	9 900	49.1	52.3	10 300	58.0
		62.0	40.8	50.3	8 000	42.8	49.3	8 300				62.0
		66.0	35.7	44.8	6 700	37.6	43.7	7 000				66.0
		70.0	29.8	38.0	5 600							70.0
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	18 600*	26.0
		28.0	73.1	77.9	30 000*	75.4	77.3	25 700*	77.7	76.0	18 000*	28.0
		30.0	71.6	77.2	29 500*	73.8	76.5	25 400*	76.1	75.2	17 500*	30.0
		32.0	70.0	76.4	28 900	72.3	75.7	25 100*	74.5	74.4	17 000*	32.0
		34.0	68.5	75.5	26 200	70.7	74.9	24 700*	72.9	73.6	16 500*	34.0
		36.0	66.9	74.6	23 800	69.1	74.0	24 400*	71.3	72.6	16 100*	36.0
		38.0	65.3	73.7	21 700	67.5	73.0	22 700	69.7	71.6	15 700*	38.0
		42.0	62.0	71.5	18 200	64.2	70.8	19 000	66.3	69.4	14 900*	42.0
		46.0	58.6	69.0	15 300	60.8	68.3	16 000	62.8	66.8	14 300*	46.0
		50.0	55.1	66.2	12 900	57.2	65.4	13 500	59.2	63.9	13 700*	50.0
		54.0	51.4	63.0	10 800	53.5	62.2	11 300	55.3	60.6	11 800	54.0
		58.0	47.5	59.3	9 100	49.6	58.4	9 500	51.2	56.7	9 900	58.0
		62.0	43.4	55.0	7 600	45.3	54.1	8 000	46.8	52.2	8 300	62.0
		66.0	38.8	50.1	6 300	40.6	49.1	6 600				66.0
		70.0	33.7	44.2	5 100	35.4	43.0	5 300				70.0
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	30 900*	77.4	81.1	26 200*	79.6	79.8	18 800*	26.0
		28.0	73.7	81.1	30 300*	76.0	80.5	25 800*	78.2	79.2	18 200*	28.0
		30.0	72.3	80.4	29 800*	74.5	79.8	25 500*	76.7	78.5	17 700*	30.0
		32.0	70.8	79.7	28 700	73.0	79.0	25 200*	75.1	77.7	17 200*	32.0
		34.0	69.3	78.9	26 000	71.5	78.2	24 900*	73.6	76.9	16 700*	34.0
		36.0	67.8	78.0	23 600	70.0	77.3	24 300	72.1	76.0	16 300*	36.0
		38.0	66.3	77.1	21 500	68.4	76.4	22 500	70.5	75.0	15 900*	38.0
		42.0	63.2	75.0	17 900	65.3	74.3	18 800	67.3	72.9	15 200*	42.0
		46.0	60.0	72.6	15 000	62.0	71.9	15 800	64.0	70.5	14 500*	46.0
		50.0	56.6	70.0	12 600	58.7	69.2	13 300	60.5	67.7	13 800	50.0
		54.0	53.2	66.9	10 600	55.2	66.1	11 200	56.9	64.6	11 600	54.0
		58.0	49.5	63.5	8 900	51.5	62.7	9 300	53.1	61.0	9 800	58.0
		62.0	45.6	59.6	7 400	47.5	58.7	7 800	49.1	56.9	8 100	62.0
		66.0	41.4	55.0	6 100	43.3	54.1	6 400				66.0
		70.0	36.9	49.8	4 900	38.6	48.7	5 200				70.0
		74.0	31.7	43.4	3 900							74.0

MANITOWOC ENGINEERING CO.

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BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	18 900*	26.0
		28.0	74.3	84.3	30 500*	76.5	83.7	25 900*	78.6	82.4	18 400*	28.0
		30.0	72.9	83.6	30 000*	75.1	83.0	25 600*	77.2	81.7	17 900*	30.0
		32.0	71.5	82.9	28 300	73.6	82.3	25 300*	75.7	80.9	17 400*	32.0
		34.0	70.1	82.2	25 600	72.2	81.5	25 000*	74.2	80.1	16 900*	34.0
		36.0	68.6	81.3	23 200	70.7	80.6	24 300	72.8	79.3	16 500*	36.0
		38.0	67.2	80.4	21 100	69.3	79.7	22 100	71.3	78.4	16 100*	38.0
		42.0	64.2	78.5	17 500	66.3	77.8	18 400	68.2	76.3	15 400*	42.0
		46.0	61.1	76.2	14 600	63.2	75.5	15 400	65.1	74.0	14 700*	46.0
		50.0	58.0	73.7	12 200	60.0	72.9	12 900	61.8	71.4	13 600	50.0
		54.0	54.7	70.8	10 200	56.7	70.0	10 800	58.4	68.5	11 300	54.0
		58.0	51.3	67.6	8 400	53.2	66.7	8 900	54.8	65.1	9 400	58.0
		62.0	47.6	63.9	6 900	49.5	63.0	7 400	51.1	61.3	7 800	62.0
		66.0	43.8	59.7	5 600	45.6	58.8	6 000	47.0	56.9	6 300	66.0
		70.0	39.6	54.9	4 500	41.3	53.9	4 800				70.0
		74.0	35.0	49.3	3 400	36.6	48.1	3 700				74.0
		78.0	29.7	42.4	2 500							78.0
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	19 100*	26.0
		28.0	74.9	87.5	30 700*	77.0	86.8	26 100*	79.0	85.5	18 500*	28.0
		30.0	73.5	86.9	30 200*	75.6	86.2	25 700*	77.6	84.9	18 000*	30.0
		32.0	72.2	86.2	28 000	74.2	85.5	25 400*	76.2	84.2	17 600*	32.0
		34.0	70.8	85.4	25 200	72.8	84.8	25 200*	74.8	83.4	17 100*	34.0
		36.0	69.4	84.6	22 900	71.4	84.0	24 200	73.4	82.6	16 700*	36.0
		38.0	68.0	83.8	20 700	70.0	83.1	21 800	72.0	81.7	16 300*	38.0
		42.0	65.2	81.9	17 200	67.1	81.2	18 100	69.0	79.8	15 500*	42.0
		46.0	62.2	79.7	14 300	64.2	79.0	15 100	66.0	77.6	14 900*	46.0
		50.0	59.2	77.3	11 900	61.2	76.6	12 500	62.9	75.1	13 200	50.0
		54.0	56.1	74.6	9 800	58.0	73.8	10 400	59.7	72.3	11 000	54.0
		58.0	52.9	71.5	8 100	54.7	70.7	8 600	56.4	69.1	9 100	58.0
		62.0	49.5	68.1	6 600	51.3	67.2	7 100	52.8	65.5	7 400	62.0
		66.0	45.9	64.2	5 200	47.6	63.3	5 700	49.1	61.5	6 000	66.0
		70.0	42.0	59.8	4 100	43.7	58.8	4 400				70.0
		74.0	37.8	54.6	3 100	39.5	53.6	3 400				74.0
		78.0	33.2	48.6	2 200							78.0
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	19 200*	26.0
		28.0	75.4	90.7	30 900*	77.4	90.0	26 200*	79.4	88.7	18 700*	28.0
		30.0	74.1	90.1	30 200	76.1	89.4	25 900*	78.1	88.1	18 200*	30.0
		32.0	72.8	89.4	27 600	74.8	88.7	25 600*	76.7	87.4	17 700*	32.0
		34.0	71.5	88.7	24 900	73.4	88.0	25 200*	75.4	86.7	17 300*	34.0
		36.0	70.1	87.9	22 500	72.1	87.2	23 800	74.0	85.9	16 900*	36.0
		38.0	68.8	87.1	20 300	70.7	86.4	21 500	72.6	85.0	16 500*	38.0
		42.0	66.1	85.3	16 800	68.0	84.6	17 700	69.8	83.2	15 700*	42.0
		46.0	63.3	83.2	13 900	65.2	82.5	14 700	66.9	81.1	15 100*	46.0
		50.0	60.4	80.9	11 500	62.2	80.2	12 200	64.0	78.7	12 900	50.0
		54.0	57.4	78.3	9 400	59.2	77.6	10 100	60.9	76.0	10 600	54.0
		58.0	54.3	75.4	7 700	56.1	74.6	8 200	57.7	73.0	8 800	58.0
		62.0	51.1	72.2	6 200	52.9	71.3	6 600	54.4	69.6	7 100	62.0
		66.0	47.7	68.5	4 800	49.5	67.6	5 300	50.9	65.8	5 600	66.0
		70.0	44.2	64.4	3 700	45.8	63.4	4 100	47.2	61.5	4 300	70.0
		74.0	40.3	59.7	2 600	41.9	58.7	2 900				74.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 6 · 2	2 5 0	19.8	81.0	95.8	27 200*b							19.8
		20.0	80.9	95.8	27 200*b							20.0
		22.0	79.6	95.3	27 200*b							22.0
		24.0	78.4	94.9	27 200*b							24.0
		26.0	77.1	94.4	27 200*	79.1	93.7	26 600*				26.0
		28.0	75.9	93.9	27 200*	77.8	93.2	26 300*	79.8	91.9	18 800*	28.0
		30.0	74.6	93.3	27 200*	76.6	92.6	26 000*	78.5	91.3	18 300*	30.0
		32.0	73.4	92.6	27 200*	75.3	91.9	25 700*	77.2	90.6	17 900*	32.0
		34.0	72.1	91.9	25 100	74.0	91.3	25 300*	75.9	89.9	17 500*	34.0
		36.0	70.8	91.2	22 700	72.7	90.5	24 000	74.6	89.1	17 000*	36.0
		38.0	69.5	90.4	20 600	71.4	89.7	21 600	73.2	88.3	16 600*	38.0
		42.0	66.9	88.6	17 000	68.7	87.9	17 900	70.5	86.5	15 900*	42.0
		46.0	64.2	86.7	14 100	66.0	86.0	14 900	67.8	84.5	15 300*	46.0
		50.0	61.4	84.5	11 700	63.3	83.7	12 400	65.0	82.2	13 100	50.0
		54.0	58.6	82.0	9 600	60.4	81.2	10 300	62.0	79.7	10 900	54.0
		58.0	55.7	79.2	7 900	57.4	78.4	8 500	59.0	76.8	9 000	58.0
		62.0	52.6	76.1	6 400	54.4	75.3	6 900	55.9	73.7	7 300	62.0
		66.0	49.4	72.7	5 100	51.1	71.8	5 500	52.6	70.1	5 900	66.0
		70.0	46.1	68.8	3 900	47.7	67.9	4 300	49.1	66.1	4 600	70.0
		74.0	42.5	64.5	2 900	44.1	63.5	3 200				74.0
		78.0				40.2	58.4	2 200				78.0
7 9 · 2	2 6 0	21.3	80.4	98.6	27 200*b							21.3
		22.0	79.9	98.5	27 200*b							22.0
		24.0	78.8	98.0	27 200*b							24.0
		26.0	77.6	97.5	27 200*	79.4	96.9	26 700*				26.0
		28.0	76.3	97.0	27 200*	78.2	96.4	26 400*	80.1	95.0	19 000*	28.0
		30.0	75.1	96.4	27 200*	77.0	95.8	26 100*	78.9	94.4	18 500*	30.0
		32.0	73.9	95.8	27 200*	75.8	95.2	25 800*	77.6	93.8	18 000*	32.0
		34.0	72.7	95.2	24 700	74.5	94.5	25 400*	76.4	93.1	17 600*	34.0
		36.0	71.4	94.4	22 300	73.3	93.8	23 600	75.1	92.4	17 200*	36.0
		38.0	70.2	93.7	20 200	72.0	93.0	21 300	73.8	91.6	16 800*	38.0
		42.0	67.6	92.0	16 600	69.5	91.3	17 600	71.2	89.9	16 100*	42.0
		46.0	65.1	90.1	13 700	66.9	89.4	14 500	68.6	87.9	15 400*	46.0
		50.0	62.4	88.0	11 300	64.2	87.2	12 000	65.8	85.8	12 800	50.0
		54.0	59.7	85.6	9 300	61.4	84.8	9 900	63.1	83.3	10 500	54.0
		58.0	56.9	83.0	7 500	58.6	82.2	8 100	60.2	80.6	8 700	58.0
		62.0	54.0	80.0	6 000	55.7	79.2	6 500	57.2	77.6	7 000	62.0
		66.0	51.0	76.8	4 700	52.6	75.9	5 100	54.1	74.2	5 600	66.0
		70.0	47.8	73.1	3 500	49.4	72.2	3 900	50.8	70.4	4 200	70.0
		74.0	44.5	69.0	2 500	46.1	68.1	2 900	47.3	66.2	3 100	74.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	14 700*	26.0
		28.0	69.6	61.5	20 100*	73.4	60.8	18 500*	77.3	59.4	14 100*	28.0
		30.0	67.7	60.6	19 700*	71.5	59.9	18 100*	75.3	58.4	13 500*	30.0
		32.0	65.7	59.6	19 200*	69.5	58.9	17 800*	73.2	57.4	13 100*	32.0
		34.0	63.7	58.5	18 800*	67.4	57.8	17 400*	71.1	56.2	12 600*	34.0
		36.0	61.6	57.3	18 400*	65.3	56.6	17 100*	68.9	55.0	12 200*	36.0
		38.0	59.5	56.0	18 000*	63.2	55.2	16 800*	66.7	53.7	11 800*	38.0
4 2 · 7	1 4 0	42.0	55.1	53.1	17 400*	58.7	52.3	16 000*	62.1	50.6	11 100*	42.0
		46.0	50.4	49.7	16 700*	53.9	48.8	14 800*	57.2	47.0	10 500*	46.0
		50.0	45.4	45.6	16 000	48.8	44.6	13 800*	51.8	42.6	10 000*	50.0
		54.0	39.7	40.7	14 000	43.0	39.6	12 900*				54.0
		58.0	33.2	34.5	12 300							58.0
		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	14 900*	26.0
		28.0	70.6	64.8	20 400*	74.3	64.1	18 700*	77.9	62.7	14 300*	28.0
4 5 · 7	1 5 0	30.0	68.8	64.0	19 900*	72.4	63.2	18 300*	76.0	61.8	13 800*	30.0
		32.0	66.9	63.0	19 500*	70.5	62.3	18 000*	74.1	60.8	13 200*	32.0
		34.0	65.0	62.0	19 100*	68.6	61.2	17 600*	72.1	59.7	12 800*	34.0
		36.0	63.0	60.9	18 700*	66.6	60.1	17 300*	70.1	58.5	12 400*	36.0
		38.0	61.1	59.7	18 300*	64.6	58.9	17 000*	68.0	57.3	12 000*	38.0
		42.0	57.0	56.9	17 600*	60.4	56.1	16 400*	63.7	54.4	11 300*	42.0
		46.0	52.6	53.8	17 000*	56.0	52.9	15 200*	59.2	51.1	10 700*	46.0
		50.0	48.0	50.0	15 600	51.3	49.1	14 200*	54.2	47.1	10 200*	50.0
		54.0	43.0	45.6	13 600	46.1	44.6	13 400*	48.8	42.4	9 700*	54.0
		58.0	37.3	40.3	11 800	40.3	39.1	12 200				58.0
		62.0	30.7	33.6	10 300							62.0
		18.3	79.8	71.2	23 200*							18.3
4 5 · 7	1 5 0	20.0	78.3	70.8	22 700*							20.0
		22.0	76.7	70.2	22 100*	80.2	69.5	20 000*				22.0
		24.0	75.0	69.6	21 600*	78.5	68.9	19 600*				24.0
		26.0	73.2	68.9	21 100*	76.7	68.2	19 200*	80.3	66.7	15 000*	26.0
		28.0	71.5	68.1	20 600*	75.0	67.4	18 800*	78.5	65.9	14 500*	28.0
		30.0	69.8	67.3	20 200*	73.2	66.6	18 500*	76.7	65.0	14 000*	30.0
		32.0	68.0	66.4	19 700*	71.4	65.6	18 100*	74.8	64.1	13 500*	32.0
		34.0	66.2	65.4	19 300*	69.6	64.7	17 800*	73.0	63.1	13 000*	34.0
		36.0	64.3	64.4	18 900*	67.7	63.6	17 500*	71.1	62.0	12 600*	36.0
		38.0	62.5	63.2	18 600*	65.8	62.4	17 200*	69.1	60.8	12 200*	38.0
		42.0	58.6	60.7	17 900*	61.9	59.8	16 700*	65.1	58.1	11 500*	42.0
		46.0	54.6	57.7	17 300*	57.8	56.8	15 700*	60.9	55.0	10 900*	46.0
		50.0	50.3	54.3	15 200	53.5	53.3	14 700*	56.4	51.4	10 400*	50.0
		54.0	45.7	50.2	13 200	48.8	49.2	13 700*	51.5	47.1	9 900*	54.0
		58.0	40.7	45.5	11 500	43.6	44.4	11 800				58.0
		62.0	35.0	39.7	10 000	37.7	38.4	10 300				62.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	15 200*	26.0
		28.0	72.3	71.4	20 800*	75.7	70.6	18 900*	79.0	69.1	14 600*	28.0
		30.0	70.6	70.6	20 400*	74.0	69.8	18 600*	77.3	68.3	14 100*	30.0
		32.0	69.0	69.7	20 000*	72.3	69.0	18 300*	75.6	67.4	13 600*	32.0
		34.0	67.2	68.8	19 600*	70.5	68.0	17 900*	73.8	66.5	13 200*	34.0
		36.0	65.5	67.8	19 200*	68.8	67.0	17 600*	72.0	65.4	12 800*	36.0
		38.0	63.7	66.7	18 800*	67.0	65.9	17 400*	70.1	64.3	12 400*	38.0
		42.0	60.1	64.3	18 100*	63.3	63.5	16 900*	66.4	61.8	11 700*	42.0
		46.0	56.3	61.5	17 200	59.4	60.7	16 200*	62.4	58.9	11 100*	46.0
		50.0	52.3	58.3	14 800	55.4	57.4	15 100*	58.2	55.5	10 600*	50.0
		54.0	48.1	54.6	12 800	51.1	53.7	13 300	53.7	51.6	10 100*	54.0
		58.0	43.5	50.3	11 000	46.4	49.2	11 400	48.9	47.0	9 700*	58.0
5 1 · 8	1 7 0	62.0	38.5	45.2	9 500	41.2	44.0	9 800				62.0
		66.0	32.7	38.9	8 200							66.0
		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	14 800*	28.0
		30.0	71.5	73.9	20 600*	74.6	73.1	18 700*	77.9	71.6	14 300*	30.0
		32.0	69.8	73.1	20 200*	73.0	72.3	18 400*	76.2	70.7	13 800*	32.0
		34.0	68.2	72.2	19 800*	71.4	71.4	18 100*	74.5	69.8	13 400*	34.0
		36.0	66.6	71.2	19 400*	69.7	70.4	17 800*	72.8	68.8	13 000*	36.0
		38.0	64.9	70.2	19 100*	68.0	69.4	17 500*	71.0	67.8	12 600*	38.0
		42.0	61.4	67.9	18 400*	64.5	67.1	17 000*	67.5	65.4	11 900*	42.0
		46.0	57.9	65.3	17 000	60.9	64.4	16 500*	63.8	62.6	11 300*	46.0
		50.0	54.1	62.3	14 600	57.1	61.4	15 200	59.8	59.5	10 800*	50.0
		54.0	50.2	58.9	12 500	53.1	57.9	13 100	55.7	55.9	10 300*	54.0
5 4 · 9	1 8 0	58.0	46.0	54.9	10 800	48.8	53.8	11 300	51.2	51.7	9 900*	58.0
		62.0	41.4	50.3	9 300	44.1	49.1	9 700				62.0
		66.0	36.3	44.8	8 000	38.9	43.4	8 300				66.0
		70.0	30.4	38.0	6 800							70.0
		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	14 900*	28.0
		30.0	72.2	77.1	20 800*	75.3	76.4	18 800*	78.4	74.8	14 400*	30.0
		32.0	70.7	76.4	20 400*	73.7	75.6	18 500*	76.8	74.0	14 000*	32.0
		34.0	69.1	75.5	20 000*	72.1	74.7	18 300*	75.2	73.1	13 600*	34.0
		36.0	67.5	74.6	19 600*	70.5	73.8	18 000*	73.5	72.2	13 100*	36.0
		38.0	65.9	73.6	19 300*	68.9	72.8	17 700*	71.9	71.2	12 800*	38.0
		42.0	62.7	71.5	18 600*	65.6	70.6	17 200*	68.5	68.9	12 100*	42.0
		46.0	59.3	69.0	16 500	62.2	68.1	16 700*	65.0	66.3	11 500*	46.0
		50.0	55.8	66.2	14 100	58.6	65.2	14 900	61.3	63.4	11 000*	50.0
		54.0	52.1	62.9	12 100	54.9	62.0	12 700	57.4	60.0	10 500*	54.0
		58.0	48.2	59.2	10 300	50.9	58.2	10 900	53.3	56.1	10 100*	58.0
		62.0	44.0	55.0	8 900	46.6	53.9	9 300	48.9	51.6	9 600	62.0
		66.0	39.4	50.1	7 500	42.0	48.8	7 900				66.0
		70.0	34.3	44.1	6 400	36.7	42.7	6 600				70.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	15 100*	28.0
		30.0	72.9	80.4	21 000*	75.8	79.6	19 000*	78.8	78.0	14 600*	30.0
		32.0	71.4	79.6	20 600*	74.4	78.8	18 700*	77.3	77.2	14 100*	32.0
		34.0	69.9	78.8	20 200*	72.8	78.0	18 400*	75.8	76.4	13 700*	34.0
		36.0	68.4	78.0	19 800*	71.3	77.1	18 100*	74.2	75.5	13 300*	36.0
		38.0	66.9	77.0	19 500*	69.8	76.2	17 800*	72.6	74.5	12 900*	38.0
		42.0	63.8	75.0	18 800	66.6	74.1	17 300*	69.4	72.4	12 200*	42.0
		46.0	60.6	72.6	16 200	63.4	71.7	16 800*	66.1	70.0	11 700*	46.0
		50.0	57.2	69.9	13 800	60.0	69.0	14 500	62.6	67.2	11 100*	50.0
		54.0	53.8	66.9	11 700	56.5	65.9	12 400	59.0	64.0	10 700*	54.0
		58.0	50.1	63.5	10 000	52.8	62.4	10 600	55.1	60.4	10 300*	58.0
6 1 0	2 0 0	62.0	46.2	59.5	8 500	48.8	58.4	9 000	51.0	56.2	9 400	62.0
		66.0	42.0	55.0	7 200	44.6	53.8	7 600				66.0
		70.0	37.5	49.7	6 000	39.9	48.4	6 300				70.0
		74.0	32.3	43.4	5 000							74.0
		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	14 700*	30.0
		32.0	72.1	82.9	20 800*	74.9	82.1	18 800*	77.8	80.5	14 300*	32.0
		34.0	70.7	82.1	20 400*	73.5	81.3	18 500*	76.3	79.7	13 900*	34.0
		36.0	69.2	81.3	20 000*	72.0	80.5	18 200*	74.8	78.8	13 500*	36.0
		38.0	67.8	80.4	19 700*	70.6	79.6	18 000*	73.3	77.9	13 100*	38.0
		42.0	64.8	78.4	18 700	67.6	77.6	17 400*	70.2	75.8	12 400*	42.0
6 4 0	2 1 0	46.0	61.7	76.2	15 800	64.5	75.3	16 800	67.1	73.5	11 800*	46.0
		50.0	58.6	73.6	13 400	61.3	72.7	14 200	63.8	70.9	11 300*	50.0
		54.0	55.3	70.8	11 300	57.9	69.8	12 000	60.4	67.9	10 800*	54.0
		58.0	51.8	67.5	9 600	54.4	66.5	10 200	56.8	64.5	10 400*	58.0
		62.0	48.2	63.9	8 100	50.8	62.8	8 600	53.0	60.6	9 100	62.0
		66.0	44.4	59.7	6 700	46.8	58.5	7 200	48.9	56.2	7 600	66.0
		70.0	40.2	54.9	5 600	42.6	53.6	6 000				70.0
		74.0	35.6	49.2	4 500	37.8	47.8	4 800				74.0
		78.0	30.3	42.4	3 600							78.0
		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	14 900*	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	14 400*	32.0
		34.0	71.4	85.4	20 600*	74.1	84.6	18 600*	76.8	82.9	14 000*	34.0
		36.0	70.0	84.6	20 200*	72.7	83.8	18 300*	75.4	82.1	13 600*	36.0
		38.0	68.6	83.7	19 900*	71.3	82.9	18 100*	74.0	81.2	13 300*	38.0
		42.0	65.7	81.8	18 600	68.4	81.0	17 600*	71.0	79.3	12 600*	42.0
		46.0	62.8	79.7	15 500	65.4	78.8	16 600	68.0	77.0	12 000*	46.0
		50.0	59.8	77.3	13 100	62.4	76.4	14 000	64.9	74.5	11 500*	50.0
		54.0	56.7	74.6	11 100	59.2	73.6	11 800	61.6	71.7	11 000*	54.0
		58.0	53.4	71.5	9 300	56.0	70.5	10 000	58.2	68.5	10 600	58.0
		62.0	50.0	68.0	7 800	52.5	67.0	8 400	54.7	64.9	8 900	62.0
		66.0	46.4	64.1	6 500	48.8	63.0	7 000	50.9	60.8	7 400	66.0
		70.0	42.6	59.7	5 300	44.9	58.5	5 700	46.8	56.1	6 100	70.0
		74.0	38.4	54.6	4 300	40.6	53.3	4 600				74.0
		78.0	33.7	48.6	3 400	35.8	47.1	3 600				78.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	15 000*	30.0
		32.0	73.3	89.4	21 100*	76.0	88.5	19 000*	78.7	86.9	14 600*	32.0
		34.0	72.0	88.6	20 700*	74.7	87.8	18 700*	77.3	86.2	14 100*	34.0
		36.0	70.7	87.9	20 400*	73.3	87.0	18 500*	75.9	85.4	13 700*	36.0
		38.0	69.3	87.1	20 100*	72.0	86.2	18 200*	74.6	84.5	13 400*	38.0
		42.0	66.6	85.2	18 100	69.2	84.4	17 700*	71.7	82.6	12 800*	42.0
		46.0	63.8	83.2	15 100	66.4	82.3	16 200	68.8	80.5	12 200*	46.0
		50.0	60.9	80.9	12 700	63.5	80.0	13 600	65.9	78.1	11 600*	50.0
		54.0	57.9	78.3	10 700	60.4	77.3	11 500	62.8	75.4	11 200*	54.0
		58.0	54.9	75.4	8 900	57.3	74.4	9 600	59.6	72.4	10 300	58.0
		62.0	51.7	72.1	7 400	54.1	71.1	8 000	56.2	69.0	8 600	62.0
		66.0	48.3	68.5	6 100	50.6	67.4	6 600	52.7	65.2	7 100	66.0
		70.0	44.7	64.3	4 900	47.0	63.2	5 400	48.9	60.8	5 700	70.0
		74.0	40.8	59.6	3 900	43.1	58.4	4 300				74.0
		78.0	36.6	54.2	2 900	38.8	52.8	3 200				78.0
		82.0	31.9	47.8	2 100							82.0
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	14 600*	32.0
		34.0	72.6	91.9	20 900*	75.2	91.1	18 800*	77.8	89.4	14 300*	34.0
		36.0	71.3	91.1	20 600*	73.9	90.3	18 600*	76.4	88.6	13 900*	36.0
		38.0	70.0	90.4	20 200*	72.6	89.5	18 300*	75.1	87.8	13 500*	38.0
		42.0	67.4	88.6	17 700	69.9	87.7	17 900*	72.4	86.0	12 900*	42.0
		46.0	64.7	86.6	14 800	67.2	85.8	15 900	69.6	84.0	12 300*	46.0
		50.0	62.0	84.4	12 400	64.4	83.5	13 300	66.8	81.7	11 800*	50.0
		54.0	59.1	81.9	10 300	61.5	81.0	11 100	63.8	79.1	11 300*	54.0
		58.0	56.2	79.2	8 600	58.6	78.2	9 300	60.8	76.2	10 000	58.0
		62.0	53.1	76.1	7 100	55.5	75.1	7 700	57.6	73.0	8 300	62.0
		66.0	50.0	72.6	5 700	52.3	71.6	6 300	54.3	69.4	6 800	66.0
		70.0	46.6	68.8	4 600	48.8	67.6	5 100	50.7	65.4	5 500	70.0
		74.0	43.0	64.4	3 500	45.2	63.2	3 900	47.0	60.7	4 300	74.0
		78.0	39.2	59.4	2 600	41.3	58.1	2 900				78.0
		82.0				36.9	52.2	2 000				82.0
7 3 · 2	2 4 · 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	14 800*	32.0
		34.0	73.2	95.1	21 100*	75.7	94.3	18 900*	78.2	92.6	14 400*	34.0
		36.0	71.9	94.4	20 700*	74.4	93.6	18 700*	76.9	91.9	14 000*	36.0
		38.0	70.7	93.6	20 400*	73.2	92.8	18 400*	75.6	91.1	13 700*	38.0
		42.0	68.2	92.0	17 300	70.6	91.1	17 900*	73.0	89.3	13 000*	42.0
		46.0	65.6	90.1	14 400	68.0	89.2	15 500	70.3	87.4	12 400*	46.0
		50.0	62.9	87.9	11 900	65.3	87.0	13 000	67.6	85.2	11 900*	50.0
		54.0	60.2	85.6	9 900	62.6	84.6	10 800	64.8	82.7	11 400*	54.0
		58.0	57.4	82.9	8 200	59.7	81.9	8 900	61.9	80.0	9 700	58.0
		62.0	54.5	80.0	6 700	56.8	79.0	7 300	58.9	76.9	8 000	62.0
		66.0	51.5	76.7	5 300	53.7	75.7	5 900	55.7	73.5	6 500	66.0
		70.0	48.3	73.1	4 100	50.5	72.0	4 700	52.4	69.7	5 100	70.0
		74.0	45.0	69.0	3 100	47.1	67.8	3 600	48.9	65.4	3 900	74.0
		78.0	41.4	64.4	2 200	43.5	63.1	2 600				78.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 6 . 2	2 5 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	14 900*	32.0
		34.0	73.7	98.3	21 200*	76.1	97.5	19 000*	78.6	95.8	14 500*	34.0
		36.0	72.5	97.6	20 900*	74.9	96.8	18 700*	77.3	95.1	14 200*	36.0
		38.0	71.3	96.9	20 600*	73.7	96.0	18 500*	76.1	94.3	13 800*	38.0
		42.0	68.9	95.3	17 500	71.2	94.4	18 100*	73.6	92.7	13 200*	42.0
		46.0	66.4	93.5	14 600	68.7	92.6	15 700	71.0	90.8	12 600*	46.0
		50.0	63.8	91.4	12 100	66.1	90.5	13 100	68.4	88.7	12 100*	50.0
		54.0	61.2	89.1	10 100	63.5	88.2	11 000	65.7	86.3	11 600*	54.0
		58.0	58.5	86.6	8 400	60.8	85.6	9 100	62.9	83.7	9 800	58.0
		62.0	55.8	83.8	6 800	58.0	82.8	7 500	60.0	80.8	8 200	62.0
		66.0	52.9	80.7	5 500	55.1	79.7	6 100	57.0	77.6	6 700	66.0
		70.0	49.9	77.2	4 300	52.0	76.2	4 900	53.9	74.0	5 300	70.0
		74.0	46.8	73.4	3 300	48.9	72.2	3 800	50.6	69.9	4 200	74.0
		78.0	43.4	69.1	2 400	45.5	67.9	2 800	47.1	65.4	3 100	78.0
		82.0				41.8	62.9	1 900				82.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	11 800*	30.0
		32.0	68.3	66.4	15 300*	72.7	65.7	13 800*	77.5	64.2	11 400*	32.0
		34.0	66.5	65.4	14 900*	70.9	64.7	13 400*	75.6	63.2	10 900*	34.0
		36.0	64.7	64.4	14 400*	69.0	63.6	13 100*	73.7	62.1	10 600*	36.0
		38.0	62.8	63.2	14 000*	67.1	62.4	12 800*	71.8	61.0	10 200*	38.0
		42.0	59.0	60.7	13 300*	63.2	59.9	12 200*	67.8	58.3	9 500*	42.0
		46.0	54.9	57.7	12 600*	59.1	56.8	11 600*	63.6	55.3	8 900*	46.0
		50.0	50.7	54.3	11 900*	54.8	53.3	11 000*	59.1	51.7	8 400*	50.0
		54.0	46.1	50.3	11 300*	50.1	49.3	10 500*	54.2	47.5	8 000*	54.0
		58.0	41.0	45.5	10 800*	44.9	44.4	9 900*	48.8	42.4	7 700*	58.0
		62.0	35.3	39.8	10 400*	39.1	38.4	9 300*				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	12 000*	30.0
		32.0	69.3	69.8	15 500*	73.5	69.0	14 000*	78.1	67.5	11 500*	32.0
		34.0	67.6	68.8	15 100*	71.8	68.0	13 600*	76.3	66.6	11 100*	34.0
		36.0	65.8	67.8	14 700*	70.0	67.0	13 300*	74.5	65.5	10 700*	36.0
		38.0	64.1	66.8	14 300*	68.2	65.9	12 900*	72.7	64.4	10 400*	38.0
		42.0	60.4	64.3	13 500*	64.5	63.5	12 300*	68.9	61.9	9 700*	42.0
		46.0	56.7	61.6	12 800*	60.7	60.7	11 800*	65.0	59.1	9 100*	46.0
		50.0	52.7	58.4	12 200*	56.6	57.4	11 300*	60.8	55.7	8 600*	50.0
		54.0	48.4	54.7	11 600*	52.3	53.7	10 800*	56.3	51.9	8 200*	54.0
		58.0	43.9	50.4	11 100*	47.7	49.2	10 200*	51.5	47.3	7 800*	58.0
		62.0	38.8	45.2	10 600	42.5	44.0	9 600*	46.0	41.9	7 500*	62.0
		66.0	33.0	39.0	9 300	36.5	37.5	9 100*				66.0
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	11 700*	32.0
		34.0	68.5	72.2	15 300*	72.6	71.4	13 800*	76.9	69.9	11 200*	34.0
		36.0	66.9	71.2	14 900*	70.9	70.4	13 400*	75.2	68.9	10 800*	36.0
		38.0	65.2	70.2	14 500*	69.2	69.4	13 100*	73.5	67.8	10 500*	38.0
		42.0	61.8	67.9	13 800*	65.7	67.1	12 500*	69.9	65.5	9 800*	42.0
		46.0	58.2	65.3	13 100*	62.1	64.4	12 000*	66.2	62.8	9 300*	46.0
		50.0	54.5	62.3	12 500*	58.3	61.4	11 500*	62.3	59.7	8 800*	50.0
		54.0	50.5	58.9	11 900*	54.3	57.9	11 000*	58.2	56.1	8 400*	54.0
		58.0	46.3	54.9	11 400*	50.0	53.8	10 500*	53.7	51.9	8 000*	58.0
		62.0	41.8	50.3	10 300	45.3	49.1	9 900*	48.9	47.0	7 700*	62.0
		66.0	36.7	44.8	9 000	40.1	43.4	9 400				66.0
		70.0	30.8	38.0	7 800	34.0	36.4	8 100				70.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	11 800*	32.0
		34.0	69.4	75.5	15 500*	73.3	74.7	13 900*	77.5	73.1	11 400*	34.0
		36.0	67.8	74.6	15 200*	71.7	73.8	13 600*	75.9	72.2	11 000*	36.0
		38.0	66.2	73.7	14 800*	70.1	72.8	13 300*	74.2	71.2	10 700*	38.0
		42.0	63.0	71.5	14 000*	66.8	70.6	12 700*	70.8	69.0	10 000*	42.0
		46.0	59.6	69.0	13 400*	63.3	68.1	12 200*	67.3	66.4	9 400*	46.0
		50.0	56.1	66.2	12 700*	59.8	65.2	11 600*	63.6	63.5	9 000*	50.0
		54.0	52.4	63.0	12 200*	56.0	62.0	11 200*	59.8	60.2	8 500*	54.0
		58.0	48.5	59.3	11 400	52.0	58.2	10 800*	55.7	56.3	8 200*	58.0
5 1 8	1 7 0	62.0	44.3	55.0	9 800	47.8	53.9	10 200	51.2	51.8	7 800*	62.0
		66.0	39.7	50.1	8 500	43.1	48.8	9 000	46.4	46.6	7 500*	66.0
		70.0	34.6	44.2	7 300	37.8	42.7	7 700				70.0
		74.0	28.6	36.8	6 300							74.0
		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	11 900*	32.0
		34.0	70.2	78.8	15 700*	73.9	78.0	14 100*	78.0	76.4	11 500*	34.0
		36.0	68.7	78.0	15 400*	72.4	77.1	13 700*	76.4	75.5	11 100*	36.0
		38.0	67.2	77.0	15 000*	70.9	76.2	13 400*	74.9	74.6	10 800*	38.0
		42.0	64.1	75.0	14 300*	67.7	74.1	12 800*	71.6	72.4	10 200*	42.0
5 4 9	1 8 0	46.0	60.9	72.6	13 600*	64.5	71.7	12 300*	68.3	70.0	9 600*	46.0
		50.0	57.5	69.9	13 000*	61.1	69.0	11 800*	64.9	67.3	9 100*	50.0
		54.0	54.1	66.9	12 400*	57.6	65.9	11 400*	61.2	64.1	8 700*	54.0
		58.0	50.4	63.5	11 100	53.9	62.4	11 000*	57.4	60.5	8 300*	58.0
		62.0	46.5	59.5	9 600	49.9	58.4	10 200	53.3	56.4	8 000*	62.0
		66.0	42.4	55.0	8 300	45.6	53.8	8 700	48.9	51.6	7 700*	66.0
		70.0	37.8	49.7	7 100	40.9	48.4	7 500				70.0
		74.0	32.6	43.4	6 100	35.6	41.8	6 400				74.0
		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
5 4 9	1 8 0	34.0	71.0	82.1	15 900*	74.6	81.3	14 200*	78.5	79.6	11 600*	34.0
		36.0	69.5	81.3	15 500*	73.1	80.4	13 900*	77.0	78.8	11 300*	36.0
		38.0	68.1	80.4	15 200*	71.6	79.5	13 600*	75.5	77.9	10 900*	38.0
		42.0	65.1	78.4	14 500*	68.6	77.5	13 000*	72.4	75.9	10 300*	42.0
		46.0	62.0	76.2	13 900*	65.5	75.3	12 500*	69.2	73.5	9 800*	46.0
		50.0	58.9	73.7	13 200*	62.3	72.7	12 000*	65.9	70.9	9 300*	50.0
		54.0	55.6	70.8	12 500*	59.0	69.8	11 500*	62.5	68.0	8 800*	54.0
		58.0	52.1	67.5	10 700	55.5	66.5	11 100*	58.9	64.6	8 400*	58.0
		62.0	48.5	63.9	9 200	51.8	62.8	9 800	55.1	60.8	8 100*	62.0
		66.0	44.7	59.7	7 900	47.9	58.5	8 400	51.1	56.4	7 800*	66.0
		70.0	40.5	54.9	6 700	43.6	53.6	7 100	46.6	51.3	7 500	70.0
		74.0	35.9	49.2	5 600	38.9	47.8	6 000				74.0
		78.0	30.6	42.4	4 700							78.0

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	11 700*	34.0
		36.0	70.3	84.6	15 700*	73.7	83.7	14 000*	77.5	82.1	11 400*	36.0
		38.0	68.9	83.8	15 400*	72.3	82.9	13 700*	76.0	81.2	11 000*	38.0
		42.0	66.0	81.9	14 700*	69.4	81.0	13 200*	73.1	79.2	10 400*	42.0
		46.0	63.1	79.7	14 100*	66.5	78.8	12 700*	70.1	77.0	9 900*	46.0
		50.0	60.1	77.3	13 500*	63.4	76.3	12 200*	66.9	74.6	9 400*	50.0
		54.0	57.0	74.6	12 100	60.3	73.6	11 700*	63.7	71.7	9 000*	54.0
		58.0	53.7	71.5	10 300	57.0	70.5	11 100	60.3	68.6	8 600*	58.0
		62.0	50.3	68.1	8 800	53.5	67.0	9 500	56.8	65.0	8 300*	62.0
		66.0	46.7	64.2	7 500	49.8	63.0	8 000	53.0	60.9	7 900*	66.0
		70.0	42.9	59.7	6 300	45.9	58.5	6 800	48.9	56.2	7 300	70.0
		74.0	38.7	54.6	5 300	41.6	53.2	5 700				74.0
		78.0	34.0	48.6	4 300	36.8	47.0	4 700				78.0
		82.0	28.6	41.2	3 500							82.0
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	11 800*	34.0
		36.0	71.0	87.9	15 900*	74.3	87.0	14 100*	77.9	85.3	11 500*	36.0
		38.0	69.6	87.1	15 600*	72.9	86.2	13 800*	76.5	84.5	11 200*	38.0
		42.0	66.9	85.3	14 900*	70.2	84.3	13 300*	73.7	82.6	10 600*	42.0
		46.0	64.1	83.2	14 300*	67.3	82.3	12 800*	70.8	80.5	10 000*	46.0
		50.0	61.2	80.9	13 600	64.4	79.9	12 300*	67.8	78.1	9 600*	50.0
		54.0	58.2	78.3	11 700	61.4	77.3	11 900*	64.8	75.5	9 100*	54.0
		58.0	55.1	75.4	9 900	58.3	74.3	10 700	61.6	72.4	8 700*	58.0
		62.0	51.9	72.1	8 400	55.0	71.0	9 100	58.2	69.1	8 400*	62.0
		66.0	48.6	68.5	7 100	51.6	67.3	7 700	54.7	65.3	8 100*	66.0
		70.0	45.0	64.4	5 900	48.0	63.1	6 400	50.9	60.9	7 000	70.0
		74.0	41.1	59.7	4 900	44.0	58.3	5 300	46.8	56.0	5 800	74.0
		78.0	36.9	54.2	3 900	39.7	52.7	4 300				78.0
		82.0	32.2	47.8	3 100	34.8	46.1	3 400				82.0
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*	80.0	93.0	15 400*				28.0
		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	12 000*	34.0
		36.0	71.6	91.2	16 000*	74.8	90.3	14 200*	78.4	88.5	11 600*	36.0
		38.0	70.3	90.4	15 700*	73.5	89.5	14 000*	77.0	87.7	11 300*	38.0
		42.0	67.7	88.6	15 100*	70.9	87.7	13 400*	74.3	85.9	10 700*	42.0
		46.0	65.0	86.7	14 500*	68.2	85.7	12 900*	71.5	83.9	10 200*	46.0
		50.0	62.2	84.4	13 500	65.4	83.5	12 500*	68.7	81.6	9 700*	50.0
		54.0	59.4	82.0	11 400	62.5	81.0	12 000*	65.7	79.1	9 200*	54.0
		58.0	56.5	79.2	9 700	59.5	78.2	10 500	62.7	76.2	8 800*	58.0
		62.0	53.4	76.1	8 100	56.4	75.0	8 900	59.5	73.1	8 500*	62.0
		66.0	50.2	72.7	6 800	53.2	71.5	7 500	56.2	69.5	8 100*	66.0
		70.0	46.9	68.8	5 700	49.8	67.6	6 200	52.7	65.4	6 800	70.0
		74.0	43.3	64.4	4 600	46.1	63.1	5 100	48.9	60.8	5 600	74.0
		78.0	39.5	59.5	3 700	42.2	58.0	4 100				78.0
		82.0	35.2	53.7	2 800	37.9	52.1	3 200				82.0
		86.0	30.4	46.8	2 000							86.0

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BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	12 000*	34.0
		36.0	72.2	94.4	16 200*	75.3	93.5	14 400*	78.8	91.8	11 700*	36.0
		38.0	71.0	93.7	15 800*	74.1	92.7	14 100*	77.5	91.0	11 400*	38.0
		42.0	68.4	92.0	15 300*	71.5	91.0	13 500*	74.9	89.3	10 800*	42.0
		46.0	65.8	90.1	14 700*	68.9	89.1	13 100*	72.2	87.3	10 300*	46.0
		50.0	63.2	87.9	13 000	66.2	87.0	12 600*	69.5	85.1	9 800*	50.0
		54.0	60.5	85.6	11 000	63.5	84.6	12 000*	66.6	82.7	9 400*	54.0
		58.0	57.7	82.9	9 300	60.6	81.9	10 100	63.7	80.0	9 000*	58.0
		62.0	54.8	80.0	7 700	57.7	78.9	8 500	60.7	76.9	8 600*	62.0
		66.0	51.7	76.7	6 400	54.6	75.6	7 100	57.6	73.6	7 900	66.0
		70.0	48.6	73.1	5 200	51.4	71.9	5 900	54.3	69.8	6 500	70.0
		74.0	45.2	69.0	4 200	48.0	67.7	4 800	50.7	65.5	5 300	74.0
		78.0	41.7	64.4	3 300	44.4	63.0	3 700	47.0	60.6	4 200	78.0
		82.0	37.8	59.1	2 400	40.4	57.6	2 800				82.0
		86.0				36.0	51.3	2 000				86.0
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	12 100*	34.0
		36.0	72.8	97.7	16 300*	75.8	96.7	14 500*	79.1	95.0	11 800*	36.0
		38.0	71.6	96.9	16 000*	74.6	96.0	14 200*	77.9	94.2	11 500*	38.0
		42.0	69.1	95.3	15 400*	72.1	94.4	13 700*	75.4	92.6	10 900*	42.0
		46.0	66.6	93.5	14 800*	69.6	92.5	13 200*	72.8	90.7	10 400*	46.0
		50.0	64.1	91.4	12 700	67.0	90.4	12 700*	70.2	88.6	9 900*	50.0
		54.0	61.5	89.1	10 700	64.4	88.1	11 700	67.5	86.3	9 500*	54.0
		58.0	58.8	86.6	8 900	61.7	85.6	9 800	64.7	83.7	9 100*	58.0
		62.0	56.0	83.8	7 400	58.9	82.7	8 200	61.8	80.8	8 700*	62.0
		66.0	53.1	80.7	6 100	56.0	79.6	6 800	58.8	77.5	7 600	66.0
		70.0	50.1	77.3	4 900	52.9	76.1	5 500	55.7	74.0	6 200	70.0
		74.0	47.0	73.4	3 800	49.7	72.2	4 400	52.4	70.0	5 000	74.0
		78.0	43.7	69.1	2 900	46.3	67.8	3 400	48.9	65.4	3 900	78.0
		82.0	40.1	64.3	2 100	42.7	62.8	2 500	45.1	60.3	2 900	82.0
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*	79.7	101.8	15 400*				30.0
		32.0	75.6	102.2	17 000*	78.6	101.3	15 100*				32.0
		34.0	74.5	101.6	16 700*	77.4	100.6	14 800*	80.7	98.8	12 100*	34.0
		36.0	73.3	100.9	16 400*	76.3	100.0	14 600*	79.5	98.2	11 900*	36.0
		38.0	72.1	100.2	16 200*	75.1	99.2	14 300*	78.3	97.4	11 600*	38.0
		42.0	69.8	98.6	15 600*	72.7	97.7	13 800*	75.8	95.8	11 000*	42.0
		46.0	67.4	96.8	14 800	70.3	95.9	13 300*	73.4	94.0	10 500*	46.0
		50.0	64.9	94.9	12 300	67.8	93.9	12 900*	70.8	92.0	10 000*	50.0
		54.0	62.4	92.7	10 200	65.2	91.7	11 400	68.2	89.8	9 600*	54.0
		58.0	59.8	90.3	8 500	62.6	89.2	9 500	65.6	87.3	9 200*	58.0
		62.0	57.2	87.6	7 000	60.0	86.5	7 800	62.8	84.5	8 700	62.0
		66.0	54.4	84.6	5 600	57.2	83.5	6 400	60.0	81.5	7 300	66.0
		70.0	51.6	81.3	4 500	54.3	80.2	5 200	57.0	78.1	5 900	70.0
		74.0	48.6	77.7	3 400	51.3	76.5	4 000	53.9	74.3	4 700	74.0
		78.0	45.5	73.6	2 500	48.1	72.4	3 100	50.6	70.0	3 600	78.0
		82.0				44.7	67.7	2 100	47.1	65.3	2 600	82.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	36.7	44.9	6 400*	41.5	44.2	5 700*	45.3	41.4	5 400*	66.0
		70.0	30.8	38.1	6 100*	35.5	37.3	5 500*				70.0
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	44.3	55.1	7 100*	49.0	54.4	6 200*	53.0	52.0	5 700*	62.0
		66.0	39.7	50.2	6 700*	44.4	49.5	5 900*	48.2	46.8	5 500*	66.0
		70.0	34.6	44.3	6 300*	39.2	43.5	5 600*				70.0
		74.0	28.6	36.9	6 000*	33.0	36.0	5 400*				74.0
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	46.5	59.6	7 400*	51.1	58.9	6 400*	55.0	56.6	5 800*	62.0
		66.0	42.4	55.1	6 900*	46.9	54.4	6 000*	50.6	51.8	5 600*	66.0
		70.0	37.8	49.8	6 500*	42.2	49.1	5 800*	45.7	46.2	5 400*	70.0
		74.0	32.6	43.5	6 200*	36.9	42.6	5 600*				74.0

MANITOWOC ENGINEERING CO.

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BRITISH
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BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	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	52.1	67.6	8 100*	56.6	66.9	6 900*	60.6	64.7	6 200*	58.0
		62.0	48.5	63.9	7 600*	52.9	63.2	6 500*	56.8	60.9	5 900*	62.0
		66.0	44.7	59.8	7 200*	49.0	59.0	6 200*	52.7	56.5	5 700*	66.0
		70.0	40.5	55.0	6 700*	44.8	54.2	5 900*	48.2	51.4	5 500*	70.0
		74.0	35.9	49.3	6 400*	40.1	48.5	5 700*				74.0
		78.0	30.6	42.5	5 600	34.7	41.6	5 500*				78.0
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	53.7	71.6	8 300*	58.0	70.9	7 000*	61.9	68.7	6 200*	58.0
		62.0	50.3	68.1	7 800*	54.6	67.4	6 700*	58.3	65.1	6 000*	62.0
		66.0	46.7	64.2	7 400*	50.9	63.5	6 300*	54.5	61.0	5 800*	66.0
		70.0	42.9	59.8	6 900*	47.0	59.0	6 100*	50.5	56.3	5 600*	70.0
		74.0	38.7	54.7	6 300	42.8	53.9	5 800*	46.0	50.9	5 400*	74.0
		78.0	34.0	48.7	5 400	38.0	47.8	5 600*				78.0
		82.0	28.7	41.4	4 500							82.0
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	58.2	78.3	9 000*	62.4	77.6	7 600*	66.3	75.5	6 600*	54.0
		58.0	55.1	75.4	8 500*	59.3	74.7	7 200*	63.1	72.5	6 300*	58.0
		62.0	51.9	72.2	8 000*	56.0	71.5	6 800*	59.7	69.1	6 100*	62.0
		66.0	48.6	68.5	7 600*	52.6	67.8	6 500*	56.2	65.3	5 900*	66.0
		70.0	45.0	64.4	6 900	49.0	63.6	6 200*	52.4	61.0	5 700*	70.0
		74.0	41.1	59.7	5 900	45.1	58.9	5 900*	48.3	56.0	5 500*	74.0
		78.0	36.9	54.3	4 900	40.8	53.4	5 400				78.0
		82.0	32.2	47.9	4 100	36.0	46.9	4 500				82.0

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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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
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	13 200*	79.6	92.6	10 600*				30.0
		32.0	74.1	92.6	12 800*	78.3	91.9	10 300*				32.0
		34.0	72.9	92.0	12 400*	77.0	91.2	10 000*				34.0
		36.0	71.6	91.2	12 100*	75.7	90.5	9 800*	79.8	88.6	8 300*	36.0
		38.0	70.3	90.4	11 700*	74.4	89.7	9 500*	78.5	87.8	8 100*	38.0
		42.0	67.7	88.7	11 100*	71.8	88.0	9 000*	75.7	86.0	7 700*	42.0
		46.0	65.0	86.7	10 400*	69.1	86.0	8 500*	73.0	84.0	7 400*	46.0
		50.0	62.2	84.5	9 800*	66.3	83.8	8 100*	70.1	81.7	7 000*	50.0
		54.0	59.4	82.0	9 200*	63.4	81.3	7 700*	67.2	79.1	6 700*	54.0
		58.0	56.4	79.2	8 700*	60.5	78.5	7 300*	64.1	76.3	6 400*	58.0
		62.0	53.4	76.2	8 300*	57.4	75.4	7 000*	61.0	73.1	6 200*	62.0
		66.0	50.2	72.7	7 700*	54.2	72.0	6 600*	57.6	69.5	6 000*	66.0
		70.0	46.9	68.9	6 600*	50.8	68.1	6 400*	54.1	65.5	5 800*	70.0
		74.0	43.3	64.5	5 500*	47.2	63.7	6 000*	50.3	60.9	5 600*	74.0
		78.0	39.5	59.5	4 600*	43.3	58.7	5 100*	46.2	55.6	5 400*	78.0
		82.0	35.2	53.8	3 700*	39.0	52.8	4 100*				82.0
		86.0	30.4	46.9	3 000*	34.1	45.9	3 300*				86.0
6 1 0	2 0 0	22.9	80.2	98.3	14 600*							22.9
		24.0	79.5	98.0	14 400*							24.0
		26.0	78.3	97.6	14 000*							26.0
		28.0	77.1	97.0	13 700*							28.0
		30.0	75.9	96.5	13 300*	79.9	95.7	10 700*				30.0
		32.0	74.7	95.8	12 900*	78.7	95.1	10 400*				32.0
		34.0	73.4	95.2	12 600*	77.5	94.4	10 100*				34.0
		36.0	72.2	94.5	12 200*	76.2	93.7	9 900*	80.1	91.8	8 400*	36.0
		38.0	70.9	93.7	11 900*	74.9	93.0	9 600*	78.8	91.0	8 200*	38.0
		42.0	68.4	92.0	11 200*	72.4	91.3	9 100*	76.2	89.3	7 800*	42.0
		46.0	65.8	90.1	10 600*	69.8	89.4	8 700*	73.6	87.3	7 500*	46.0
		50.0	63.2	88.0	10 000*	67.1	87.3	8 200*	70.8	85.2	7 100*	50.0
		54.0	60.5	85.6	9 400*	64.4	84.9	7 800*	68.0	82.7	6 800*	54.0
		58.0	57.7	83.0	8 900*	61.5	82.2	7 500*	65.1	80.0	6 500*	58.0
		62.0	54.8	80.1	8 400*	58.6	79.3	7 100*	62.1	77.0	6 300*	62.0
		66.0	51.7	76.8	7 300*	55.6	76.0	6 800*	59.0	73.6	6 000*	66.0
		70.0	48.6	73.1	6 100*	52.4	72.4	6 500*	55.7	69.8	5 800*	70.0
		74.0	45.2	69.1	5 100*	49.0	68.2	5 700*	52.1	65.5	5 700*	74.0
		78.0	41.7	64.5	4 200*	45.4	63.6	4 700*	48.4	60.7	5 200*	78.0
		82.0	37.8	59.2	3 300*	41.5	58.3	3 800*	44.2	55.1	4 200*	82.0
		86.0	33.6	53.1	2 600*	37.1	52.1	2 900*				86.0
6 4 0	2 1 0	22.9	80.5	101.4	14 700*							22.9
		24.0	79.8	101.2	14 500*							24.0
		26.0	78.7	100.7	14 200*							26.0
		28.0	77.5	100.2	13 800*							28.0
		30.0	76.3	99.6	13 500*	80.2	98.9	10 800*				30.0
		32.0	75.1	99.0	13 100*	79.0	98.3	10 500*				32.0
		34.0	73.9	98.4	12 700*	77.9	97.6	10 200*				34.0
		36.0	72.7	97.7	12 400*	76.6	96.9	10 000*				36.0
		38.0	71.5	97.0	12 000*	75.4	96.2	9 700*	79.2	94.2	8 200*	38.0
		42.0	69.1	95.3	11 400*	73.0	94.6	9 200*	76.7	92.6	7 900*	42.0
		46.0	66.6	93.5	10 800*	70.4	92.8	8 800*	74.1	90.7	7 500*	46.0
		50.0	64.1	91.5	10 200*	67.9	90.7	8 300*	71.5	88.6	7 200*	50.0
		54.0	61.5	89.2	9 700*	65.3	88.4	8 000*	68.8	86.3	6 900*	54.0
		58.0	58.8	86.7	9 100*	62.5	85.9	7 600*	66.0	83.7	6 600*	58.0
		62.0	56.0	83.9	8 400*	59.8	83.1	7 200*	63.2	80.8	6 400*	62.0
		66.0	53.1	80.8	7 000*	56.9	80.0	6 900*	60.2	77.6	6 100*	66.0
		70.0	50.1	77.3	5 900*	53.8	76.5	6 600*	57.0	74.0	5 900*	70.0
		74.0	47.0	73.5	4 800*	50.7	72.6	5 500*	53.8	70.0	5 700*	74.0
		78.0	43.7	69.2	3 900*	47.3	68.3	4 500*	50.2	65.5	5 000*	78.0
		82.0	40.1	64.3	3 100*	43.7	63.4	3 600*	46.5	60.3	4 100*	82.0
		86.0	36.2	58.8	2 300*	39.7	57.8	2 800*				86.0

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

BRITISH
CODE

M-250 SERIES 2

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
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	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 7 · 1	2 2 · 0	22.9	80.7	104.5	14 800*							22.9
		24.0	80.1	104.3	14 700*							24.0
		26.0	79.0	103.8	14 300*							26.0
		28.0	77.9	103.3	13 900*							28.0
		30.0	76.7	102.8	13 600*							30.0
		32.0	75.6	102.2	13 200*	79.4	101.4	10 600*				32.0
		34.0	74.4	101.6	12 900*	78.2	100.8	10 300*				34.0
		36.0	73.3	100.9	12 500*	77.1	100.2	10 100*				36.0
		38.0	72.1	100.2	12 200*	75.9	99.4	9 800*	79.6	97.4	8 300*	38.0
		42.0	69.7	98.7	11 600*	73.5	97.9	9 300*	77.1	95.8	7 900*	42.0
		46.0	67.3	96.9	11 000*	71.1	96.1	8 900*	74.7	94.0	7 600*	46.0
		50.0	64.9	94.9	10 400*	68.6	94.1	8 500*	72.1	92.0	7 300*	50.0
		54.0	62.4	92.7	9 800*	66.1	92.0	8 100*	69.5	89.8	7 000*	54.0
		58.0	59.8	90.3	9 300*	63.5	89.5	7 700*	66.9	87.3	6 700*	58.0
		62.0	57.2	87.6	7 900	60.8	86.8	7 300*	64.1	84.5	6 400*	62.0
		66.0	54.4	84.7	6 600	58.0	83.9	7 000*	61.3	81.5	6 200*	66.0
		70.0	51.6	81.4	5 400	55.2	80.6	6 300	58.3	78.1	6 000*	70.0
		74.0	48.6	77.7	4 400	52.2	76.9	5 200	55.2	74.3	5 700	74.0
		78.0	45.5	73.7	3 500	49.0	72.8	4 100	51.9	70.1	4 700	78.0
		82.0	42.2	69.2	2 600	45.6	68.3	3 200	48.4	65.3	3 700	82.0
		86.0				42.0	63.1	2 400	44.6	59.9	2 800	86.0
7 0 · 1	2 3 · 0	24.4	80.2	107.3	14 700*							24.4
		26.0	79.3	107.0	14 400*							26.0
		28.0	78.2	106.5	14 000*							28.0
		30.0	77.1	106.0	13 700*							30.0
		32.0	76.0	105.4	13 300*	79.7	104.6	10 700*				32.0
		34.0	74.9	104.8	13 000*	78.6	104.0	10 400*				34.0
		36.0	73.8	104.2	12 700*	77.4	103.4	10 200*				36.0
		38.0	72.6	103.5	12 400*	76.3	102.7	9 900*	79.9	100.6	8 400*	38.0
		42.0	70.4	101.9	11 800*	74.0	101.2	9 400*	77.5	99.1	8 000*	42.0
		46.0	68.0	100.2	11 100*	71.7	99.5	9 000*	75.1	97.3	7 600*	46.0
		50.0	65.7	98.3	10 600*	69.3	97.6	8 600*	72.7	95.4	7 300*	50.0
		54.0	63.2	96.2	10 000*	66.8	95.4	8 200*	70.2	93.2	7 000*	54.0
		58.0	60.8	93.9	9 100	64.3	93.1	7 800*	67.6	90.8	6 700*	58.0
		62.0	58.2	91.3	7 600	61.8	90.5	7 500*	65.0	88.2	6 500*	62.0
		66.0	55.6	88.5	6 200	59.1	87.7	7 100*	62.3	85.3	6 300*	66.0
		70.0	52.9	85.4	5 100	56.4	84.5	6 000	59.5	82.0	6 100*	70.0
		74.0	50.1	81.9	4 100	53.5	81.1	4 800	56.5	78.5	5 600	74.0
		78.0	47.1	78.1	3 100	50.6	77.2	3 800	53.4	74.5	4 500	78.0
		82.0	44.0	73.8	2 300	47.4	73.0	2 900	50.2	70.0	3 500	82.0
		86.0				44.0	68.2	2 100	46.6	65.0	2 500	86.0