

MANITOWOC ENGINEERING CO.

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



LIFTCRANE BOOM CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

BOOM NO. 22E WITH OPEN THROAT TOP

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

RATING OVER FRONT OF BLOCKED CRAWLERS

NO TRAVEL - LIMITED SWING

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD OVER FRONT OF MACHINE WITH CRAWLERS EXTENDED AND BLOCKED. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

UPPER BOOM POINT CAPACITY FOR LIFTCRANE SERVICE WITH SINGLE PART WHIP LINE OR COMBINATION OF TWO SINGLE PART LINES IS 13 380 kg. IN ALL CASES, UPPER BOOM POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR MAIN BOOM CAPACITY.

WEIGHT OF JIB, ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF MAIN BOOM LOAD. BOOM IS 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, CRAWLERS FULLY EXTENDED, AND FRONT TUMBLER PROPERLY BLOCKED SO THAT CENTERLINE OF IDLER TUMBLER BECOMES TIPPING FULCRUM. DRIVE MOTORS MUST BE TO REAR OF MACHINE. SWING IS LIMITED TO THAT SECTOR SHOWN ON OPERATING RANGE DIAGRAM NO. 7770-A. REFER TO BOOM RIGGING NO. 176519 AND WIRE ROPE SPECIFICATION CHART NO. 7773-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION. REFER TO OPERATORS MANUAL FOR OPERATING GUIDELINES.

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. BOOM POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 8 585 mm EXTENDIBLE CRAWLERS, 1 219 mm TREADS, 3 124 mm RETRACTABLE GANTRY, 9 144 mm MAST, 20 PART BOOM HOIST REEVING, FOUR 35 mm BOOM PENDANTS, 81 240 kg CRANE COUNTERWEIGHT AND 19 960 kg CARBODY COUNTERWEIGHT.

DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
JIB LENGTH	JIB NO. 123
9.1m	1 130 kg
12.2m	1 410 kg
15.2m	1 680 kg
18.3m	2 000 kg

DEDUCT 1 810 kg FROM CAPACITIES
WHEN BOOM BUTT IS EQUIPPED
WITH AUXILIARY DRUM.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER FRONT OF BLOCKED CRAWLERS WITHOUT AUXILIARY DRUM IN BOOM BUTT	
BOOM LENGTH	JIB NO. 123
(a) 88.4m	---
85.3m	---
82.3m	9.1m
79.2m	18.3m
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM CANNOT BE USED ON 88.4m BOOM.	

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER FRONT OF BLOCKED CRAWLERS WITH AUXILIARY DRUM IN BOOM BUTT	
BOOM LENGTH	JIB NO. 123
(a) 85.3m	---
82.3m	---
79.2m	15.2m
76.2m	18.3m
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 85.3m BOOM.	

CONSULT JIB CHART FOR JIB CAPACITIES. UPPER BOOM POINT CANNOT BE USED WHEN JIB IS ATTACHED.

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BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
2 1 3	7 0	4.6	81.8	23.6	208 600*	3 0 5	1 0 0	5.8	82.0	32.6	165 100*
		5.0	80.6	23.5	192 600*			6.0	81.6	32.6	160 900*
		5.5	79.3	23.4	176 100*			7.0	79.7	32.4	139 000*
		6.0	77.9	23.3	162 200*			8.0	77.7	32.2	121 900*
		7.0	75.1	23.1	139 900*			9.0	75.8	32.0	108 400*
		8.0	72.3	22.8	122 800*			10.0	73.9	31.7	97 400*
		9.0	69.5	22.4	109 200*			11.0	71.9	31.4	88 400*
		10.0	66.6	22.0	98 300*			12.0	69.9	31.1	80 700*
		11.0	63.6	21.6	89 200*			13.0	67.9	30.7	74 200*
		12.0	60.6	21.0	81 500*			14.0	65.8	30.3	68 600*
		13.0	57.5	20.4	75 000*			15.0	63.8	29.8	63 600*
		14.0	54.2	19.8	69 300*			16.0	61.6	29.3	59 300
		15.0	50.8	19.0	64 400*			18.0	57.3	28.1	51 000
		16.0	47.3	18.1	59 800			20.0	52.7	26.7	43 800
		18.0	39.4	16.0	51 000			22.0	47.8	25.0	38 400
		20.0	30.0	13.1	42 900*			24.0	42.5	23.0	34 000
								26.0	36.6	20.6	30 300
2 4 4	8 0	5.2	81.4	26.6	186 000*	3 3 5	1 1 0	28.0	29.7	17.6	27 300
		5.5	80.6	26.5	175 800*			30.0	20.9	13.3	23 800
		6.0	79.4	26.4	161 900*			6.7	81.1	35.6	142 600*
		7.0	77.0	26.2	139 600*			7.0	80.6	35.5	137 800*
		8.0	74.6	26.0	122 500*			8.0	78.9	35.4	121 600*
		9.0	72.1	25.7	108 900*			9.0	77.1	35.1	108 000*
		10.0	69.7	25.3	98 000*			10.0	75.4	34.9	97 000*
		11.0	67.1	24.9	88 900*			11.0	73.6	34.6	87 900*
		12.0	64.6	24.5	81 200*			12.0	71.8	34.3	80 300*
		13.0	61.9	24.0	74 700*			13.0	70.0	34.0	73 800*
		14.0	59.2	23.4	69 100*			14.0	68.2	33.6	68 200*
		15.0	56.5	22.8	64 200*			15.0	66.3	33.2	63 300*
		16.0	53.6	22.1	59 700			16.0	64.4	32.7	59 000*
		18.0	47.5	20.4	51 100			18.0	60.6	31.7	50 800
		20.0	40.7	18.4	43 900			20.0	56.6	30.4	43 700
		22.0	32.9	15.7	38 500			22.0	52.4	29.0	38 200
		24.0	22.8	11.9	31 700*			24.0	47.9	27.3	33 800
2 7 4	9 0	5.5	81.7	29.6	171 400*	3 6 6	1 2 0	26.0	43.1	25.4	30 200
		6.0	80.6	29.5	162 100*			28.0	37.8	23.0	27 100
		7.0	78.5	29.3	139 300*			30.0	31.9	20.2	24 600
		8.0	76.3	29.1	122 200*			32.0	24.6	16.4	22 300
		9.0	74.2	28.9	108 600*			6.7	81.9	38.7	138 700*
		10.0	72.0	28.5	97 600*			7.0	81.4	38.6	135 700*
		11.0	69.8	28.2	88 600*			8.0	79.8	38.5	121 300*
		12.0	67.5	27.8	80 900*			9.0	78.2	38.3	107 700*
		13.0	65.3	27.4	74 400*			10.0	76.6	38.0	96 800*
		14.0	62.9	26.9	68 800*			11.0	75.0	37.8	87 700*
		15.0	60.6	26.4	63 800*			12.0	73.4	37.5	80 000*
		16.0	58.1	25.8	59 400			13.0	71.7	37.2	73 500*
		18.0	53.1	24.4	51 000			14.0	70.1	36.8	67 900*
		20.0	47.7	22.7	43 900			15.0	68.4	36.5	63 000*
		22.0	41.7	20.7	38 400			16.0	66.7	36.0	58 700*
		24.0	35.0	18.2	34 000			18.0	63.2	35.1	50 600
		26.0	26.8	14.8	30 300			20.0	59.7	34.0	43 500
								22.0	56.0	32.8	38 000
								24.0	52.1	31.3	33 700
								26.0	48.0	29.6	30 100
								28.0	43.6	27.7	27 000
								30.0	38.9	25.4	24 500
								32.0	33.6	22.7	22 300
								34.0	27.4	19.3	20 300
								36.0	19.5	14.7	17 800*

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BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
3 9 · 6	1 3 0	7.3	81.6	41.7	125 700*	4 5 · 7	1 5 0	26.0	57.6	41.1	29 600
		8.0	80.6	41.6	121 400*			28.0	54.6	39.7	26 600
		9.0	79.1	41.4	107 600*			30.0	51.5	38.2	24 100
		10.0	77.6	41.2	96 600*			32.0	48.2	36.5	21 900
		11.0	76.2	40.9	87 500*			34.0	44.7	34.6	19 900
		12.0	74.7	40.7	79 900*			36.0	41.1	32.5	18 300
		13.0	73.2	40.4	73 400*			38.0	37.1	30.0	16 800
		14.0	71.6	40.1	67 800*			40.0	32.7	27.2	15 500
		15.0	70.1	39.7	62 800*			42.0	27.7	23.7	14 200
		16.0	68.6	39.3	58 500*			44.0	21.7	19.4	12 600
		18.0	65.4	38.5	50 600	4 8 · 8	1 6 0	8.5	81.7	50.7	102 000*
		20.0	62.2	37.5	43 500			9.0	81.2	50.7	100 400*
		22.0	58.9	36.4	38 000			10.0	80.0	50.5	96 100*
		24.0	55.4	35.1	33 600			11.0	78.8	50.3	86 500*
		26.0	51.9	33.6	30 000			12.0	77.6	50.1	78 900*
		28.0	48.1	31.9	27 000			13.0	76.4	49.9	72 400*
		30.0	44.1	30.0	24 400			14.0	75.2	49.6	66 800*
		32.0	39.7	27.8	22 200			15.0	74.0	49.3	61 900*
		34.0	35.0	25.2	20 300			16.0	72.7	49.0	57 500*
		36.0	29.5	22.0	18 600			18.0	70.3	48.4	50 000
		38.0	23.0	17.9	16 800			20.0	67.7	47.6	43 000
4 2 · 7	1 4 0	7.9	81.4	44.6	118 000*			22.0	65.2	46.7	37 500
		8.0	81.3	44.6	117 400*			24.0	62.6	45.7	33 100
		9.0	79.9	44.5	107 600*			26.0	59.9	44.6	29 500
		10.0	78.5	44.3	96 300*			28.0	57.1	43.4	26 400
		11.0	77.2	44.1	87 200*			30.0	54.3	42.1	23 900
		12.0	75.8	43.8	79 600*			32.0	51.3	40.5	21 700
		13.0	74.4	43.6	73 100*			34.0	48.2	38.8	19 800
		14.0	73.0	43.3	67 500*			36.0	45.0	37.0	18 100
		15.0	71.6	42.9	62 600*			38.0	41.6	34.8	16 600
		16.0	70.2	42.6	58 300*			40.0	37.9	32.4	15 300
		18.0	67.3	41.8	50 400			42.0	33.9	29.7	14 100
		20.0	64.3	40.9	43 400			44.0	29.4	26.4	13 000
		22.0	61.3	39.9	37 900			46.0	24.2	22.5	11 800*
		24.0	58.2	38.7	33 500	5 1 · 8	1 7 0	9.1	81.5	53.7	94 400*
		26.0	55.0	37.4	29 900			10.0	80.6	53.6	92 000*
4 5 · 7	1 5 0	28.0	51.7	35.9	26 900			11.0	79.5	53.4	86 300*
		30.0	48.1	34.2	24 300			12.0	78.3	53.2	78 700*
		32.0	44.4	32.3	22 100			13.0	77.2	53.0	72 200*
		34.0	40.4	30.1	20 200			14.0	76.1	52.8	66 600*
		36.0	36.1	27.6	18 500			15.0	74.9	52.5	61 700*
		38.0	31.3	24.6	17 000			16.0	73.8	52.2	57 400*
		40.0	25.6	20.9	15 600			18.0	71.5	51.6	49 800
		42.0	18.5	16.0	13 500*			20.0	69.1	50.9	42 900
		7.9	82.0	47.7	109 000*			22.0	66.7	50.1	37 400
		8.0	81.9	47.7	108 800*			24.0	64.3	49.1	33 000
		9.0	80.6	47.6	105 100*			26.0	61.8	48.1	29 400
		10.0	79.3	47.4	96 000*			28.0	59.3	47.0	26 400
		11.0	78.0	47.2	86 800*			30.0	56.7	45.7	23 800
		12.0	76.8	47.0	79 200*			32.0	54.0	44.4	21 600
		13.0	75.5	46.7	72 700*			34.0	51.2	42.8	19 700
		14.0	74.2	46.4	67 100*			36.0	48.3	41.1	18 000
		15.0	72.9	46.1	62 200*			38.0	45.3	39.3	16 500
		16.0	71.5	45.8	57 900*			40.0	42.1	37.2	15 200
		18.0	68.9	45.1	50 200			42.0	38.6	34.8	14 000
		20.0	66.2	44.3	43 200			44.0	34.9	32.1	12 900
		22.0	63.4	43.3	37 700			46.0	30.9	29.0	11 900
		24.0	60.6	42.3	33 300			48.0	26.2	25.4	10 900
								50.0	20.7	20.8	9 400*

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5 4 · 9	1 8 0	9.1	82.0	56.8	89 600*	6 1 · 0	2 0 0	10.4	81.7	62.8	76 200*
		10.0	81.1	56.7	87 400*			11.0	81.1	62.7	74 900*
		11.0	80.1	56.5	84 800*			12.0	80.1	62.5	73 000*
		12.0	79.0	56.3	78 500*			13.0	79.1	62.3	70 700*
		13.0	77.9	56.1	71 900*			14.0	78.2	62.1	65 500*
		14.0	76.9	55.9	66 200*			15.0	77.2	61.9	60 600*
		15.0	75.8	55.6	61 400*			16.0	76.3	61.7	56 300*
		16.0	74.7	55.4	57 000*			18.0	74.3	61.2	49 100*
		18.0	72.5	54.8	49 600			20.0	72.4	60.6	42 400
		20.0	70.3	54.1	42 700			22.0	70.4	59.9	36 800
		22.0	68.1	53.4	37 200			24.0	68.4	59.1	32 400
		24.0	65.8	52.5	32 800			26.0	66.3	58.3	28 800
		26.0	63.5	51.6	29 200			28.0	64.3	57.4	25 800
		28.0	61.1	50.5	26 200			30.0	62.2	56.4	23 200
		30.0	58.7	49.4	23 600			32.0	60.0	55.3	21 000
		32.0	56.3	48.1	21 400			34.0	57.8	54.0	19 000
		34.0	53.7	46.7	19 500			36.0	55.6	52.7	17 400
		36.0	51.1	45.1	17 800			38.0	53.2	51.3	15 900
		38.0	48.3	43.4	16 300			40.0	50.9	49.7	14 500
		40.0	45.5	41.6	15 000			42.0	48.4	48.0	13 400
		42.0	42.5	39.5	13 800			44.0	45.8	46.2	12 300
		44.0	39.3	37.2	12 700			46.0	43.1	44.1	11 300
		46.0	35.8	34.6	11 800			48.0	40.3	41.9	10 400
		48.0	32.1	31.6	10 900			50.0	37.3	39.4	9 600
		50.0	27.9	28.2	10 000			52.0	34.1	36.6	8 900
		52.0	23.1	24.0	8 700*			54.0	30.6	33.5	8 200
								56.0	26.7	29.8	7 100*
								58.0	22.1	25.4	6 000*
5 7 · 9	1 9 0	9.8	81.8	59.8	82 100*	6 4 · 0	2 1 0	11.0	81.5	65.8	71 200*
		10.0	81.6	59.7	81 500*			12.0	80.6	65.6	69 500*
		11.0	80.6	59.6	79 400*			13.0	79.7	65.4	67 700*
		12.0	79.6	59.4	77 100*			14.0	78.8	65.2	65 300*
		13.0	78.6	59.2	71 400*			15.0	77.8	65.0	60 400*
		14.0	77.6	59.0	65 800*			16.0	76.9	64.8	56 100*
		15.0	76.5	58.8	60 900*			18.0	75.1	64.3	48 900*
		16.0	75.5	58.5	56 600*			20.0	73.2	63.7	42 200
		18.0	73.5	58.0	49 400			22.0	71.3	63.1	36 700
		20.0	71.4	57.3	42 500			24.0	69.4	62.4	32 300
		22.0	69.3	56.6	37 000			26.0	67.5	61.6	28 600
		24.0	67.2	55.8	32 600			28.0	65.6	60.7	25 600
		26.0	65.0	54.9	29 000			30.0	63.6	59.8	23 000
		28.0	62.8	54.0	25 900			32.0	61.6	58.7	20 800
		30.0	60.5	52.9	23 400			34.0	59.5	57.6	18 900
		32.0	58.2	51.7	21 200			36.0	57.4	56.4	17 200
		34.0	55.9	50.4	19 200			38.0	55.3	55.1	15 700
		36.0	53.5	49.0	17 500			40.0	53.1	53.6	14 400
		38.0	51.0	47.4	16 100			42.0	50.8	52.0	13 200
		40.0	48.4	45.7	14 800			44.0	48.4	50.3	12 200
		42.0	45.7	43.9	13 600			46.0	46.0	48.5	11 200
		44.0	42.8	41.8	12 500			48.0	43.4	46.5	10 300
		46.0	39.8	39.5	11 500			50.0	40.8	44.3	9 500
		48.0	36.6	37.0	10 700			52.0	37.9	41.8	8 700
		50.0	33.2	34.1	9 800			54.0	34.9	39.1	8 100
		52.0	29.4	30.8	9 100			56.0	31.7	36.1	7 400
		54.0	25.0	27.0	7 900*			58.0	28.1	32.6	6 400*
		56.0	19.8	22.1	6 600*			60.0	24.0	28.5	5 400*
								62.0	19.1	23.4	4 400*

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REQUIREMENTS

888 SERIES 2

BOOM NO. 22E WITH OPEN THROAT TOP

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

RATING OVER FRONT OF BLOCKED CRAWLERS

NO TRAVEL - LIMITED SWING

BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS	BOOM LENGTH METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	BOOM CAPACITY KILOGRAMS
6 7 1	2 2 0	11.0	81.9	68.8	67 400*	7 3 2	2 4 0	12.2	81.6	74.8	55 500*
		12.0	81.0	68.7	65 800*			13.0	81.0	74.7	55 300*
		13.0	80.1	68.5	64 300*			14.0	80.2	74.5	55 000*
		14.0	79.3	68.3	62 800*			15.0	79.4	74.4	54 000*
		15.0	78.4	68.1	60 300*			16.0	78.6	74.2	52 700*
		16.0	77.5	67.9	55 800*			18.0	77.0	73.7	48 100*
		18.0	75.8	67.5	48 600*			20.0	75.4	73.2	41 800
		20.0	74.0	66.9	42 100			22.0	73.7	72.7	36 200
		22.0	72.2	66.3	36 500			24.0	72.1	72.1	31 700
		24.0	70.4	65.6	32 100			26.0	70.5	71.4	28 100
		26.0	68.6	64.9	28 500			28.0	68.8	70.7	25 000
		28.0	66.7	64.1	25 400			30.0	67.1	69.8	22 400
		30.0	64.9	63.2	22 800			32.0	65.4	69.0	20 200
		32.0	63.0	62.2	20 600			34.0	63.6	68.0	18 300
		34.0	61.0	61.1	18 700			36.0	61.9	67.0	16 600
		36.0	59.1	60.0	17 000			38.0	60.1	65.9	15 100
		38.0	57.0	58.7	15 500			40.0	58.3	64.7	13 800
		40.0	55.0	57.4	14 200			42.0	56.4	63.4	12 600
		42.0	52.9	55.9	13 000			44.0	54.5	62.0	11 500
		44.0	50.7	54.3	11 900			46.0	52.6	60.5	10 600
		46.0	48.5	52.6	11 000			48.0	50.6	59.0	9 700
		48.0	46.1	50.8	10 100			50.0	48.5	57.2	8 900
		50.0	43.7	48.8	9 300			52.0	46.4	55.4	8 100
		52.0	41.2	46.6	8 500			54.0	44.2	53.4	7 400
		54.0	38.5	44.2	7 800			56.0	41.9	51.3	6 800
7 0 1	2 3 0	56.0	35.7	41.6	7 200	7 6 2	2 5 0	58.0	39.5	49.0	6 200
		58.0	32.6	38.6	6 600			60.0	36.9	46.4	5 700
		60.0	29.3	35.3	5 700*			62.0	34.2	43.6	5 000
		62.0	25.6	31.4	4 800*			64.0	31.3	40.5	4 200*
		64.0	21.3	26.8	3 900*			66.0	28.2	37.0	3 400*
		11.6	81.8	71.8	61 200*			68.0	24.7	33.0	2 600*
		12.0	81.4	71.8	60 900*			70.0	20.6	28.2	1 800*
		13.0	80.6	71.6	59 700*			12.2	82.0	77.9	50 300*
		14.0	79.7	71.4	58 400*			13.0	81.3	77.8	50 000*
		15.0	78.9	71.3	57 100*			14.0	80.6	77.6	49 800*
		16.0	78.1	71.1	55 000*			15.0	79.8	77.5	49 500*
		18.0	76.4	70.6	48 300*			16.0	79.0	77.3	48 900*
		20.0	74.7	70.1	41 900			18.0	77.5	76.9	46 800*
		22.0	73.0	69.5	36 300			20.0	76.0	76.4	41 600
		24.0	71.3	68.9	31 900			22.0	74.4	75.9	36 000
		26.0	69.6	68.2	28 200			24.0	72.8	75.3	31 500
		28.0	67.8	67.4	25 200			26.0	71.3	74.6	27 900
		30.0	66.0	66.5	22 600			28.0	69.7	73.9	24 900
		32.0	64.2	65.6	20 400			30.0	68.1	73.1	22 300
		34.0	62.4	64.6	18 500			32.0	66.4	72.3	20 000
		36.0	60.5	63.5	16 800			34.0	64.8	71.4	18 100
		38.0	58.6	62.3	15 300			36.0	63.1	70.4	16 500
		40.0	56.7	61.1	14 000			38.0	61.4	69.4	14 900
		42.0	54.7	59.7	12 800			40.0	59.7	68.2	13 600
		44.0	52.7	58.2	11 700			42.0	57.9	67.0	12 400
		46.0	50.6	56.6	10 800			44.0	56.1	65.7	11 300
		48.0	48.5	54.9	9 900			46.0	54.3	64.3	10 400
		50.0	46.3	53.1	9 000			48.0	52.4	62.8	9 500
		52.0	43.9	51.1	8 300			50.0	50.5	61.3	8 700
		54.0	41.5	48.9	7 600			52.0	48.5	59.5	8 000
		56.0	39.0	46.6	7 000			54.0	46.5	57.7	7 300
		58.0	36.3	44.0	6 400			56.0	44.4	55.7	6 600
		60.0	33.5	41.1	5 800			58.0	42.2	53.6	6 000
		62.0	30.4	37.9	4 900*			60.0	39.9	51.3	5 500
		64.0	27.0	34.3	4 000*			62.0	37.5	48.8	5 000
		66.0	23.1	30.0	3 200*			64.0	34.9	46.1	4 300
		68.0	18.5	24.7	2 300*			66.0	32.2	43.1	3 500*
								68.0	29.3	39.7	2 800*
								70.0	26.0	35.9	2 100*

MANITOWOC ENGINEERING CO.

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



LIFTCRANE BOOM CAPACITIES

MEETS
ANSI B30.5
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7 9 · 2	2 6 0	12.8	81.8	80.9	45 800*	8 5 · 3	2 8 0	13.4	82.0	87.0	37 700*
		13.0	81.7	80.9	45 700*			14.0	81.6	86.9	37 600*
		14.0	80.9	80.7	45 400*			15.0	80.9	86.7	37 300*
		15.0	80.2	80.6	45 200*			16.0	80.2	86.6	37 100*
		16.0	79.5	80.4	44 900*			18.0	78.9	86.2	36 500*
		18.0	78.0	80.0	44 000*			20.0	77.5	85.8	36 000*
		20.0	76.5	79.5	41 500			22.0	76.1	85.3	34 400
		22.0	75.0	79.0	35 800			24.0	74.7	84.8	31 100
		24.0	73.5	78.5	31 400			26.0	73.3	84.2	27 300
		26.0	72.0	77.8	27 700			28.0	71.9	83.6	24 200
		28.0	70.5	77.2	24 600			30.0	70.5	82.9	21 600
		30.0	68.9	76.4	22 100			32.0	69.1	82.2	19 400
		32.0	67.4	75.6	19 800			34.0	67.6	81.4	17 500
		34.0	65.8	74.7	17 900			36.0	66.2	80.5	15 800
		36.0	64.2	73.8	16 200			38.0	64.7	79.6	14 300
		38.0	62.6	72.8	14 700			40.0	63.2	78.6	13 000
		40.0	61.0	71.7	13 400			42.0	61.7	77.6	11 700
		42.0	59.3	70.6	12 200			44.0	60.2	76.5	10 700
		44.0	57.6	69.4	11 200			46.0	58.6	75.3	9 700
		46.0	55.9	68.1	10 200			48.0	57.0	74.0	8 800
		48.0	54.1	66.6	9 300			50.0	55.4	72.7	8 000
		50.0	52.3	65.2	8 500			52.0	53.7	71.3	7 300
		52.0	50.4	63.6	7 700			54.0	52.1	69.8	6 600
		54.0	48.5	61.8	7 100			56.0	50.3	68.2	6 000
		56.0	46.6	60.0	6 400			58.0	48.6	66.4	5 400
		58.0	44.5	58.1	5 800			60.0	46.8	64.6	4 800
		60.0	42.4	55.9	5 300			62.0	44.9	62.7	4 300
		62.0	40.3	53.7	4 800			64.0	42.9	60.6	3 900
		64.0	38.0	51.2	4 300			66.0	40.9	58.4	3 400
		66.0	35.6	48.5	3 600*			68.0	38.8	56.0	2 700*
		68.0	33.0	45.6	2 900*			70.0	36.6	53.4	2 100*
		70.0	30.2	42.4	2 200*	8 8 · 4	2 9 0	14.0	81.9	90.0	34 400*
8 2 · 3	2 7 0	14.0	81.3	83.8	41 500*			15.0	81.2	89.8	34 200*
		15.0	80.6	83.6	41 200*			16.0	80.6	89.7	33 900*
		16.0	79.9	83.5	40 900*			18.0	79.3	89.3	33 400*
		18.0	78.5	83.1	40 400*			20.0	77.9	88.9	32 900*
		20.0	77.0	82.7	39 500			22.0	76.6	88.4	32 200*
		22.0	75.6	82.2	35 900			24.0	75.3	87.9	30 500
		24.0	74.2	81.6	31 200			26.0	73.9	87.4	27 100
		26.0	72.7	81.0	27 500			28.0	72.6	86.8	24 000
		28.0	71.2	80.4	24 400			30.0	71.2	86.1	21 500
		30.0	69.8	79.7	21 800			32.0	69.8	85.4	19 200
		32.0	68.3	78.9	19 600			34.0	68.4	84.7	17 300
		34.0	66.8	78.1	17 700			36.0	67.0	83.9	15 600
		36.0	65.2	77.2	16 000			38.0	65.6	83.0	14 100
		38.0	63.7	76.2	14 500			40.0	64.2	82.0	12 800
		40.0	62.1	75.2	13 200			42.0	62.7	81.0	11 600
		42.0	60.5	74.1	12 000			44.0	61.3	80.0	10 500
		44.0	58.9	72.9	10 900			46.0	59.8	78.8	9 500
		46.0	57.3	71.7	9 900			48.0	58.3	77.6	8 700
		48.0	55.6	70.4	9 100			50.0	56.7	76.4	7 800
		50.0	53.9	69.0	8 200			52.0	55.2	75.0	7 100
		52.0	52.2	67.5	7 500			54.0	53.6	73.6	6 400
		54.0	50.4	65.9	6 800			56.0	52.0	72.1	5 800
		56.0	48.6	64.1	6 200			58.0	50.3	70.5	5 200
		58.0	46.7	62.3	5 600			60.0	48.6	68.7	4 700
		60.0	44.7	60.4	5 100			62.0	46.8	66.9	4 100
		62.0	42.7	58.3	4 600			64.0	45.0	65.0	3 700
		64.0	40.6	56.0	4 100			66.0	43.2	62.9	3 200
		66.0	38.4	53.6	3 500*			68.0	41.2	60.7	2 700
		68.0	36.1	51.0	2 800*			70.0	39.2	58.4	2 100*
		70.0	33.7	48.1	2 100*						