

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

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

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH ROLLER PATH LEVEL WITHIN A TOLERANCE OF 32 mm IN 18.3m AND PROPERLY SUPPORTED. REFER TO BOOM RIGGING NO. 173399, JIB ASSEMBLY NO. 173400 OR NO. 176116 AND WIRE ROPE SPECIFICATION CHART NO. 7683-D. 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.

MACHINE MAY BE OPERATED IN WINDS UP TO 13 m/s PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 75 DEGREE BOOM ANGLE WHEN WIND EXCEEDS 13 m/s. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 22 m/s.

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

MACHINE EQUIPPED WITH 18.3m RINGER ATTACHMENT, 9 373 mm CRAWLERS, 1 229 mm TREADS, 8 534 mm RETRACTABLE GENTRY, 45.7m NO. 75 OR NO. 75A MAST, 32 PART BOOM HOIST REEVING, STRAP BOOM PENDANTS, STRAP JIB PENDANTS AND BACKSTAYS, 23 590 kg CRANE COUNTERWEIGHT AND 795 420 kg AUXILIARY COUNTERWEIGHT.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED	
BOOM LGTH.	JIB NO. 75
69.5m	76.2m
77.1m	61.0m
LOAD BLOCK ON GROUND AT START.	

LOAD BLOCK, BOOM POINT HANGER FRAME AND UPPER BOOM POINT MUST BE REMOVED FROM MAIN BOOM FOR USE OF THIS CHART.

UPPER JIB POINT MUST BE REMOVED FOR USE OF THIS CHART.

WARNING: CHECK AMOUNT OF AUXILIARY COUNTERWEIGHT ON MACHINE BEFORE USE OF THIS CHART.

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360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 1 · 9	2 0 3	22.9	85.2	96.1	781 000*				22.9
		24.0	84.6	95.9	743 100*				24.0
		26.0	83.3	95.5	664 800				26.0
		28.0	82.1	95.1	588 100				28.0
		30.0	80.8	94.7	525 900	84.5	93.6	352 200*	30.0
		32.0	79.6	94.2	474 200	83.2	93.1	335 400*	32.0
		34.0	78.3	93.6	430 500	81.9	92.5	320 100*	34.0
		36.0	77.0	93.0	393 200	80.6	91.9	306 000*	36.0
		38.0	75.7	92.4	360 900	79.3	91.3	293 100*	38.0
		40.0	74.4	91.7	332 700	78.0	90.6	281 100*	40.0
		42.0	73.1	91.0	307 800	76.7	89.8	270 100*	42.0
		44.0	71.8	90.2	285 700	75.4	89.0	259 800*	44.0
		46.0	70.5	89.4	265 900	74.0	88.2	250 200*	46.0
		48.0	69.2	88.5	248 200	72.6	87.3	241 300*	48.0
		50.0	67.8	87.5	232 100	71.3	86.3	232 900*	50.0
		52.0	66.4	86.5	217 500	69.9	85.3	224 600	52.0
		54.0	65.0	85.4	204 100	68.5	84.2	210 500	54.0
		56.0	63.6	84.3	191 900	67.0	83.0	197 900	56.0
		58.0	62.2	83.0	180 600	65.6	81.8	186 300	58.0
		60.0	60.7	81.8	170 200	64.1	80.5	175 600	60.0
		62.0	59.3	80.4	160 600	62.6	79.1	165 600	62.0
		66.0	56.2	77.5	143 400	59.5	76.1	147 800	66.0
		70.0	53.1	74.2	128 300	56.3	72.8	132 200	70.0
		74.0	49.7	70.5	115 000	52.9	69.0	118 400	74.0
		78.0	46.2	66.4	103 200	49.3	64.7	106 200	78.0
6 9 · 5	2 2 8	82.0	42.4	61.6	92 600	45.4	59.9	95 200	82.0
		86.0	38.3	56.2	83 100	41.1	54.2	85 100	86.0
		90.0	33.7	49.8	74 400	36.3	47.5	76 000	90.0
		94.0	28.2	41.9	66 400	30.5	39.2	67 500	94.0
		22.9	85.6	103.7	800 000*				22.9
		24.0	85.0	103.6	753 300				24.0
		26.0	83.8	103.2	661 700				26.0
		28.0	82.7	102.9	585 100				28.0
		30.0	81.5	102.5	522 700	84.9	101.3	374 700*	30.0
		32.0	80.4	102.0	470 900	83.7	100.9	357 800*	32.0
		34.0	79.2	101.5	427 200	82.5	100.4	342 400*	34.0
		36.0	78.0	101.0	389 700	81.4	99.8	328 200*	36.0
		38.0	76.9	100.4	357 400	80.2	99.2	315 100*	38.0
		40.0	75.7	99.8	329 100	79.0	98.6	302 900*	40.0
		42.0	74.5	99.1	304 100	77.8	97.9	291 500*	42.0
		44.0	73.3	98.4	282 000	76.5	97.2	281 000*	44.0
		46.0	72.1	97.6	262 200	75.3	96.4	270 500*	46.0
		48.0	70.8	96.8	244 400	74.1	95.5	253 000	48.0
		50.0	69.6	95.9	228 300	72.8	94.7	236 200	50.0
		52.0	68.3	95.0	213 600	71.6	93.7	221 100	52.0
		54.0	67.1	94.0	200 300	70.3	92.7	207 300	54.0
		56.0	65.8	93.0	188 000	69.0	91.7	194 600	56.0
		58.0	64.5	91.9	176 700	67.7	90.6	183 000	58.0
		60.0	63.2	90.7	166 300	66.4	89.4	172 300	60.0
		62.0	61.9	89.5	156 700	65.0	88.2	162 300	62.0
		66.0	59.2	86.9	139 400	62.3	85.5	144 400	66.0
		70.0	56.4	84.0	124 300	59.4	82.6	128 800	70.0
		74.0	53.5	80.8	111 100	56.5	79.3	115 000	74.0
		78.0	50.5	77.2	99 300	53.4	75.7	102 800	78.0
		82.0	47.3	73.2	88 800	50.1	71.6	91 800	82.0
		86.0	43.9	68.7	79 200	46.6	67.0	81 900	86.0
		90.0	40.2	63.7	70 600	42.8	61.8	72 900	90.0
		94.0	36.2	57.9	62 800	38.7	55.7	64 600	94.0
		98.0	31.7	51.0	55 500	34.0	48.5	57 000	98.0

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795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

30.5m (100 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 7 · 1	2 5 3	22.9	85.9	111.4	800 000*				22.9
		24.0	85.3	111.3	751 200				24.0
		26.0	84.3	111.0	658 700				26.0
		28.0	83.2	110.6	581 800				28.0
		30.0	82.1	110.2	519 300	85.3	109.0	387 900*	30.0
		32.0	81.1	109.8	467 300	84.2	108.6	371 700*	32.0
		34.0	80.0	109.4	423 400	83.1	108.2	357 000*	34.0
		36.0	78.9	108.9	385 900	82.0	107.6	343 300*	36.0
		38.0	77.8	108.3	353 400	80.9	107.1	330 600*	38.0
		40.0	76.7	107.7	325 000	79.8	106.5	318 900*	40.0
		42.0	75.6	107.1	300 000	78.7	105.9	307 400	42.0
		44.0	74.5	106.4	277 800	77.5	105.2	288 900	44.0
		46.0	73.4	105.7	258 000	76.4	104.5	267 800	46.0
		48.0	72.2	105.0	240 100	75.3	103.7	249 400	48.0
		50.0	71.1	104.2	223 900	74.1	102.9	232 700	50.0
		52.0	70.0	103.3	209 300	73.0	102.1	217 500	52.0
		54.0	68.8	102.4	195 900	71.8	101.1	203 700	54.0
		56.0	67.7	101.5	183 600	70.6	100.2	190 900	56.0
		58.0	66.5	100.5	172 300	69.4	99.2	179 300	58.0
		60.0	65.3	99.4	161 900	68.2	98.1	168 400	60.0
		62.0	64.1	98.3	152 200	67.0	97.0	158 400	62.0
		66.0	61.6	96.0	134 900	64.5	94.6	140 500	66.0
		70.0	59.1	93.4	119 800	62.0	92.0	124 800	70.0
		74.0	56.5	90.5	106 500	59.3	89.0	111 100	74.0
		78.0	53.9	87.3	94 700	56.6	85.8	98 800	78.0
		82.0	51.1	83.9	84 200	53.8	82.3	87 800	82.0
		86.0	48.1	80.0	74 700	50.8	78.4	77 900	86.0
		90.0	45.1	75.7	66 100	47.6	74.0	68 900	90.0
		94.0	41.8	71.0	58 300	44.3	69.1	60 700	94.0
		98.0	38.3	65.6	51 100	40.6	63.5	53 200	98.0

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360 DEGREE RATING

38.1m (125 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 1 · 9	2 0 3	24.4	85.2	103.5	717 600*				24.4
		26.0	84.3	103.3	667 100				26.0
		28.0	83.2	102.9	589 900				28.0
		30.0	82.0	102.5	527 600				30.0
		32.0	80.9	102.0	475 900				32.0
		34.0	79.7	101.5	432 100	84.1	100.3	305 300*	34.0
		36.0	78.5	101.0	394 700	82.9	99.7	291 500*	36.0
		38.0	77.3	100.4	362 400	81.7	99.1	278 800*	38.0
		40.0	76.1	99.8	334 100	80.5	98.5	267 000*	40.0
		42.0	75.0	99.1	309 200	79.3	97.8	256 200*	42.0
		44.0	73.8	98.4	287 100	78.0	97.1	246 100*	44.0
		46.0	72.5	97.6	267 300	76.8	96.3	236 600*	46.0
		48.0	71.3	96.8	249 500	75.6	95.4	227 900*	48.0
		50.0	70.1	95.9	233 400	74.3	94.6	219 700*	50.0
		52.0	68.8	95.0	218 700	73.1	93.6	212 000*	52.0
		54.0	67.6	94.0	205 400	71.8	92.6	204 700*	54.0
		56.0	66.3	93.0	193 200	70.5	91.6	197 900*	56.0
		58.0	65.0	91.9	181 900	69.2	90.5	189 400	58.0
		60.0	63.7	90.7	171 500	67.8	89.3	178 600	60.0
		62.0	62.4	89.5	161 900	66.5	88.1	168 600	62.0
		66.0	59.7	86.9	144 600	63.8	85.4	150 700	66.0
		70.0	56.9	84.0	129 500	60.9	82.5	135 000	70.0
		74.0	54.0	80.8	116 300	57.9	79.2	121 200	74.0
		78.0	51.0	77.2	104 500	54.8	75.5	108 900	78.0
		82.0	47.8	73.2	94 000	51.6	71.4	97 900	82.0
6 9 · 5	2 2 8	86.0	44.4	68.8	84 500	48.1	66.8	87 900	86.0
		90.0	40.7	63.7	75 900	44.3	61.6	78 900	90.0
		94.0	36.7	57.9	68 000	40.1	55.5	70 500	94.0
		98.0	32.2	51.0	60 800	35.4	48.3	62 800	98.0
		24.4	85.6	111.2	726 600*				24.4
		26.0	84.7	111.0	664 100				26.0
		28.0	83.7	110.6	586 900				28.0
		30.0	82.6	110.3	524 500				30.0
		32.0	81.5	109.8	472 600				32.0
		34.0	80.4	109.4	428 700	84.5	108.0	322 500*	34.0
		36.0	79.3	108.9	391 300	83.4	107.5	309 000*	36.0
		38.0	78.3	108.3	358 800	82.3	107.0	296 600*	38.0
		40.0	77.2	107.7	330 500	81.2	106.4	285 100*	40.0
		42.0	76.1	107.1	305 500	80.1	105.7	274 400*	42.0
		44.0	74.9	106.5	283 300	78.9	105.1	264 400*	44.0
		46.0	73.8	105.7	263 500	77.8	104.4	255 100*	46.0
		48.0	72.7	105.0	245 700	76.7	103.6	246 400*	48.0
		50.0	71.6	104.2	229 600	75.5	102.8	238 300*	50.0
		52.0	70.4	103.3	214 900	74.4	101.9	224 600	52.0
		54.0	69.3	102.4	201 500	73.2	101.0	210 700	54.0
		56.0	68.1	101.5	189 300	72.0	100.1	198 000	56.0
		58.0	66.9	100.5	178 000	70.8	99.0	186 200	58.0
		60.0	65.7	99.5	167 600	69.6	98.0	175 400	60.0
		62.0	64.5	98.4	158 000	68.4	96.9	165 400	62.0
		66.0	62.1	96.0	140 600	65.9	94.5	147 400	66.0
		70.0	59.6	93.4	125 600	63.3	91.8	131 600	70.0
		74.0	57.0	90.5	112 300	60.7	88.9	117 800	74.0
		78.0	54.3	87.4	100 500	58.0	85.7	105 500	78.0
		82.0	51.5	83.9	90 000	55.1	82.1	94 500	82.0
		86.0	48.6	80.0	80 600	52.1	78.2	84 600	86.0
		90.0	45.5	75.8	72 000	49.0	73.8	75 500	90.0
		94.0	42.2	71.0	64 200	45.6	68.9	67 300	94.0
		98.0	38.7	65.6	57 000	41.9	63.3	59 700	98.0
		102.0	34.8	59.4	50 400	37.9	56.8	52 700	102.0

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38.1m (125 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 7 : 1	2 5 3	24.4	85.9	118.9	726 900*				24.4
		26.0	85.1	118.7	661 200				26.0
		28.0	84.1	118.4	583 900				28.0
		30.0	83.1	118.0	521 200				30.0
		32.0	82.1	117.6	469 200				32.0
		34.0	81.1	117.2	425 200	84.9	115.8	328 100*	34.0
		36.0	80.1	116.7	387 600	83.8	115.3	315 100*	36.0
		38.0	79.0	116.2	355 000	82.8	114.8	303 100*	38.0
		40.0	78.0	115.7	326 600	81.8	114.2	291 900*	40.0
		42.0	77.0	115.1	301 500	80.7	113.7	281 400*	42.0
		44.0	76.0	114.5	279 300	79.7	113.0	271 700*	44.0
		46.0	74.9	113.8	259 400	78.7	112.4	262 600*	46.0
		48.0	73.9	113.1	241 500	77.6	111.7	252 500*	48.0
		50.0	72.8	112.4	225 300	76.5	110.9	236 800	50.0
		52.0	71.8	111.6	210 600	75.5	110.1	221 300	52.0
		54.0	70.7	110.8	197 200	74.4	109.3	207 300	54.0
		56.0	69.6	109.9	184 900	73.3	108.4	194 500	56.0
		58.0	68.6	109.0	173 600	72.2	107.5	182 700	58.0
		60.0	67.5	108.0	163 100	71.1	106.5	171 800	60.0
		62.0	66.4	107.0	153 500	70.0	105.5	161 700	62.0
		66.0	64.1	104.8	136 100	67.7	103.3	143 600	66.0
		70.0	61.8	102.5	121 000	65.4	100.9	127 800	70.0
		74.0	59.5	99.9	107 800	63.0	98.2	113 900	74.0
		78.0	57.1	97.0	95 900	60.5	95.3	101 600	78.0
		82.0	54.6	93.9	85 400	58.0	92.2	90 500	82.0
		86.0	52.0	90.5	75 900	55.4	88.7	80 600	86.0
		90.0	49.3	86.8	67 400	52.6	84.9	71 500	90.0
		94.0	46.5	82.7	59 600	49.7	80.7	63 300	94.0
		98.0	43.5	78.1	52 500	46.7	76.0	55 800	98.0
		102.0				43.4	70.8	48 800	102.0

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18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

45.7m (150 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 1 · 9	2 0 3	25.9	85.3	111.0	613 300*				25.9
		26.0	85.3	111.0	611 100*				26.0
		28.0	84.2	110.6	563 200*				28.0
		30.0	83.1	110.3	522 000*				30.0
		32.0	82.1	109.8	478 100				32.0
		34.0	81.0	109.4	434 300				34.0
		36.0	79.9	108.9	396 800	84.8	107.4	278 400*	36.0
		38.0	78.8	108.3	364 400	83.7	106.9	265 900*	38.0
		40.0	77.7	107.7	336 100	82.6	106.3	254 400*	40.0
		42.0	76.6	107.1	311 100	81.5	105.7	243 800*	42.0
		44.0	75.5	106.5	288 900	80.4	105.0	233 900*	44.0
		46.0	74.4	105.7	269 100	79.3	104.3	224 700*	46.0
		48.0	73.3	105.0	251 300	78.1	103.5	216 100*	48.0
		50.0	72.1	104.2	235 200	77.0	102.7	208 100*	50.0
		52.0	71.0	103.3	220 500	75.8	101.8	200 600*	52.0
		54.0	69.8	102.5	207 100	74.6	100.9	193 500*	54.0
		56.0	68.7	101.5	194 900	73.5	100.0	186 900*	56.0
		58.0	67.5	100.5	183 600	72.3	99.0	180 600*	58.0
		60.0	66.3	99.5	173 200	71.0	97.9	174 700*	60.0
		62.0	65.1	98.4	163 500	69.8	96.8	168 800*	62.0
		66.0	62.7	96.0	146 300	67.3	94.4	153 900	66.0
		70.0	60.1	93.4	131 200	64.8	91.7	137 600	70.0
		74.0	57.6	90.5	117 900	62.1	88.8	123 700	74.0
		78.0	54.9	87.4	106 200	59.4	85.6	111 400	78.0
		82.0	52.1	83.9	95 700	56.5	82.0	100 400	82.0
6 9 · 5	2 2 8	86.0	49.2	80.0	86 200	53.6	78.1	90 400	86.0
		90.0	46.1	75.8	77 600	50.4	73.7	81 400	90.0
		94.0	42.8	71.0	69 800	47.0	68.8	73 100	94.0
		98.0	39.3	65.6	62 700	43.3	63.2	65 500	98.0
		102.0	35.4	59.4	56 100	39.3	56.7	58 400	102.0
		106.0	31.0	52.1	49 900	34.6	48.9	51 800	106.0
		25.9	85.6	118.7	652 200*				25.9
		26.0	85.6	118.7	649 700*				26.0
		28.0	84.6	118.4	591 800				28.0
		30.0	83.6	118.0	527 000				30.0
		32.0	82.6	117.6	475 000				32.0
		34.0	81.6	117.2	431 100				34.0
		36.0	80.6	116.7	393 500	85.2	115.2	285 800*	36.0
		38.0	79.6	116.2	361 000	84.2	114.7	273 900*	38.0
		40.0	78.5	115.7	332 600	83.1	114.1	262 900*	40.0
		42.0	77.5	115.1	307 600	82.1	113.6	252 700*	42.0
		44.0	76.5	114.5	285 300	81.1	112.9	243 200*	44.0
		46.0	75.5	113.8	265 500	80.0	112.3	234 400*	46.0
		48.0	74.4	113.1	247 500	78.9	111.6	226 100*	48.0
		50.0	73.4	112.4	231 400	77.9	110.8	218 400*	50.0
		52.0	72.3	111.6	216 700	76.8	110.0	211 100*	52.0
		54.0	71.2	110.8	203 300	75.7	109.2	204 200*	54.0
		56.0	70.2	109.9	191 000	74.6	108.3	197 800*	56.0
		58.0	69.1	109.0	179 700	73.5	107.4	189 400	58.0
		60.0	68.0	108.0	169 300	72.4	106.4	178 400	60.0
		62.0	66.9	107.0	159 600	71.3	105.4	168 300	62.0
		66.0	64.7	104.8	142 300	69.0	103.2	150 200	66.0
		70.0	62.4	102.5	127 200	66.7	100.7	134 400	70.0
		74.0	60.0	99.9	113 900	64.3	98.1	120 500	74.0
		78.0	57.6	97.0	102 100	61.9	95.2	108 100	78.0
		82.0	55.1	93.9	91 600	59.3	92.0	97 000	82.0
		86.0	52.5	90.5	82 200	56.7	88.6	87 100	86.0
		90.0	49.8	86.8	73 600	53.9	84.7	78 000	90.0
		94.0	47.0	82.7	65 900	51.0	80.5	69 800	94.0
		98.0	44.0	78.1	58 700	48.0	75.8	62 200	98.0
		102.0	40.9	73.1	52 200	44.7	70.6	55 200	102.0
		106.0				41.1	64.6	48 700	106.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

45.7m (150 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 7 1	2 5 3	25.9	85.9	126.4	652 700*				25.9
		26.0	85.9	126.4	649 900*				26.0
		28.0	84.9	126.1	588 700				28.0
		30.0	84.0	125.7	524 000				30.0
		32.0	83.1	125.4	471 900				32.0
		34.0	82.1	125.0	427 700				34.0
		36.0	81.2	124.5	390 000	85.5	122.9	290 200*	36.0
		38.0	80.2	124.0	357 400	84.5	122.5	278 700*	38.0
		40.0	79.3	123.5	328 900	83.6	122.0	268 100*	40.0
		42.0	78.3	123.0	303 700	82.6	121.4	258 200*	42.0
		44.0	77.4	122.4	281 400	81.6	120.8	249 000*	44.0
		46.0	76.4	121.8	261 500	80.7	120.2	240 300*	46.0
		48.0	75.4	121.2	243 500	79.7	119.5	232 200*	48.0
		50.0	74.4	120.5	227 300	78.7	118.8	224 600*	50.0
		52.0	73.5	119.7	212 600	77.7	118.1	217 400*	52.0
		54.0	72.5	119.0	199 100	76.7	117.3	209 800*	54.0
		56.0	71.5	118.2	186 800	75.7	116.5	198 200	56.0
		58.0	70.5	117.3	175 500	74.7	115.6	186 100	58.0
		60.0	69.5	116.4	165 000	73.6	114.7	175 100	60.0
		62.0	68.4	115.5	155 300	72.6	113.8	164 900	62.0
		66.0	66.4	113.5	137 900	70.5	111.8	146 700	66.0
		70.0	64.3	111.3	122 800	68.4	109.5	130 800	70.0
		74.0	62.1	108.9	109 400	66.2	107.1	116 800	74.0
		78.0	59.9	106.3	97 600	63.9	104.5	104 300	78.0
		82.0	57.7	103.5	87 100	61.6	101.6	93 200	82.0
		86.0	55.3	100.5	77 600	59.3	98.5	83 200	86.0
		90.0	52.9	97.1	69 000	56.8	95.1	74 100	90.0
		94.0	50.4	93.5	61 300	54.2	91.4	65 900	94.0
		98.0	47.8	89.5	54 100	51.6	87.3	58 300	98.0
		102.0				48.8	82.8	51 300	102.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

53.3m (175 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 1 · 9	2 0 3	27.4	85.4	118.5	525 800*				27.4
		28.0	85.1	118.4	514 300*				28.0
		30.0	84.1	118.0	475 600*				30.0
		32.0	83.1	117.6	442 300*				32.0
		34.0	82.1	117.2	413 000*				34.0
		36.0	81.1	116.7	387 000*				36.0
		38.0	80.1	116.2	363 900*	85.3	114.7	253 800*	38.0
		40.0	79.1	115.7	337 100	84.3	114.2	242 700*	40.0
		42.0	78.0	115.1	312 000	83.3	113.6	232 500*	42.0
		44.0	77.0	114.5	289 800	82.2	113.0	223 000*	44.0
		46.0	76.0	113.8	269 900	81.2	112.3	214 200*	46.0
		48.0	74.9	113.1	252 000	80.1	111.6	205 900*	48.0
		50.0	73.9	112.4	235 900	79.0	110.9	198 200*	50.0
		52.0	72.8	111.6	221 200	78.0	110.1	191 000*	52.0
		54.0	71.8	110.8	207 800	76.9	109.2	184 200*	54.0
		56.0	70.7	109.9	195 500	75.8	108.3	177 900*	56.0
		58.0	69.6	109.0	184 300	74.7	107.4	171 900*	58.0
		60.0	68.5	108.0	173 800	73.6	106.4	166 300*	60.0
		62.0	67.4	107.0	164 200	72.5	105.4	160 900*	62.0
		66.0	65.2	104.8	146 800	70.2	103.2	151 100*	66.0
		70.0	62.9	102.5	131 800	67.9	100.8	139 300	70.0
		74.0	60.6	99.9	118 500	65.5	98.2	125 400	74.0
		78.0	58.1	97.0	106 700	63.0	95.3	113 000	78.0
		82.0	55.6	93.9	96 200	60.5	92.1	102 000	82.0
		86.0	53.1	90.5	86 700	57.9	88.6	92 000	86.0
6 9 · 5	2 2 8	90.0	50.4	86.8	78 200	55.1	84.8	83 000	90.0
		94.0	47.6	82.7	70 400	52.2	80.6	74 700	94.0
		98.0	44.6	78.1	63 300	49.1	75.9	67 100	98.0
		102.0	41.4	73.1	56 800	45.9	70.7	60 200	102.0
		106.0	38.0	67.3	50 700	42.3	64.7	53 700	106.0
		27.4	85.7	126.2	561 300*				27.4
		28.0	85.4	126.1	549 400*				28.0
		30.0	84.5	125.7	509 400*				30.0
		32.0	83.5	125.4	474 900*				32.0
		34.0	82.6	125.0	432 600				34.0
		36.0	81.7	124.5	394 700				36.0
		38.0	80.7	124.0	362 100				38.0
		40.0	79.8	123.5	333 600	84.7	122.0	248 100*	40.0
		42.0	78.8	123.0	308 500	83.7	121.4	238 100*	42.0
		44.0	77.8	122.4	286 300	82.7	120.8	228 800*	44.0
		46.0	76.9	121.8	266 400	81.7	120.2	220 200*	46.0
		48.0	75.9	121.2	248 400	80.8	119.6	212 100*	48.0
		50.0	74.9	120.5	232 200	79.8	118.9	204 500*	50.0
		52.0	73.9	119.7	217 500	78.8	118.1	197 400*	52.0
		54.0	73.0	119.0	204 100	77.8	117.3	190 600*	54.0
		56.0	72.0	118.2	191 800	76.8	116.5	184 300*	56.0
		58.0	71.0	117.3	180 500	75.7	115.7	178 400*	58.0
		60.0	69.9	116.4	170 000	74.7	114.8	172 800*	60.0
		62.0	68.9	115.5	160 300	73.7	113.8	167 100*	62.0
		66.0	66.9	113.5	142 900	71.6	111.8	152 600	66.0
		70.0	64.8	111.3	127 800	69.4	109.6	136 100	70.0
		74.0	62.6	108.9	114 500	67.3	107.2	122 200	74.0
		78.0	60.4	106.3	102 700	65.0	104.5	109 800	78.0
		82.0	58.2	103.5	92 200	62.7	101.6	98 700	82.0
		86.0	55.8	100.5	82 700	60.3	98.5	88 600	86.0
		90.0	53.4	97.1	74 200	57.9	95.1	79 600	90.0
		94.0	50.9	93.5	66 400	55.3	91.4	71 400	94.0
		98.0	48.3	89.5	59 300	52.7	87.3	63 800	98.0
		102.0	45.6	85.2	52 800	49.9	82.8	56 900	102.0
		106.0	42.7	80.3	46 700	46.9	77.9	50 400	106.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

53.3m (175 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 7 1	2 5 3	27.4	86.0	133.8	580 200*				27.4
		28.0	85.7	133.7	571 500*				28.0
		30.0	84.8	133.4	528 700				30.0
		32.0	83.9	133.1	473 600				32.0
		34.0	83.0	132.7	429 300				34.0
		36.0	82.2	132.3	391 400				36.0
		38.0	81.3	131.9	358 700				38.0
		40.0	80.4	131.4	330 100	85.0	129.7	252 200*	40.0
		42.0	79.5	130.9	304 900	84.1	129.2	242 600*	42.0
		44.0	78.6	130.3	282 600	83.2	128.7	233 500*	44.0
		46.0	77.7	129.8	262 500	82.2	128.1	225 100*	46.0
		48.0	76.8	129.1	244 600	81.3	127.5	217 100*	48.0
		50.0	75.8	128.5	228 300	80.4	126.8	209 700*	50.0
		52.0	74.9	127.8	213 500	79.5	126.1	202 700*	52.0
		54.0	74.0	127.1	200 000	78.5	125.4	196 100*	54.0
		56.0	73.1	126.3	187 700	77.6	124.6	189 800*	56.0
		58.0	72.1	125.6	176 300	76.6	123.8	183 900*	58.0
		60.0	71.2	124.7	165 800	75.7	123.0	177 500*	60.0
		62.0	70.2	123.9	156 100	74.7	122.1	167 200	62.0
		66.0	68.3	122.0	138 600	72.8	120.2	148 700	66.0
		70.0	66.4	120.0	123 500	70.8	118.2	132 700	70.0
		74.0	64.4	117.8	110 200	68.8	115.9	118 600	74.0
		78.0	62.4	115.4	98 300	66.7	113.5	106 100	78.0
		82.0	60.3	112.8	87 800	64.6	110.9	95 000	82.0
		86.0	58.2	110.0	78 300	62.4	108.0	84 900	86.0
		90.0	56.0	107.0	69 700	60.2	105.0	75 800	90.0
		94.0	53.7	103.7	61 900	57.9	101.6	67 500	94.0
		98.0	51.4	100.2	54 800	55.5	98.0	60 000	98.0
		102.0	49.0	96.3	48 200	53.1	94.0	53 000	102.0
		106.0				50.5	89.7	46 500	106.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

61.0m (200 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
61.0	203	29.0	85.5	125.9	455 400*				29.0
		30.0	85.0	125.7	437 800*				30.0
		32.0	84.1	125.4	406 500*				32.0
		34.0	83.1	125.0	379 200*				34.0
		36.0	82.2	124.5	355 100*				36.0
		38.0	81.3	124.1	333 500*				38.0
		40.0	80.3	123.5	314 100*				40.0
		42.0	79.3	123.0	296 700*	85.0	121.4	216 600*	42.0
		44.0	78.4	122.4	280 800*	84.0	120.8	207 300*	44.0
		46.0	77.4	121.8	266 300*	83.1	120.2	198 800*	46.0
		48.0	76.4	121.2	252 600*	82.1	119.5	190 800*	48.0
		50.0	75.5	120.5	237 200	81.1	118.8	183 300*	50.0
		52.0	74.5	119.7	222 400	80.1	118.1	176 400*	52.0
		54.0	73.5	119.0	209 000	79.1	117.3	169 800*	54.0
		56.0	72.5	118.2	196 600	78.1	116.5	163 600*	56.0
		58.0	71.5	117.3	185 300	77.1	115.6	157 800*	58.0
		60.0	70.5	116.4	174 900	76.0	114.7	152 300*	60.0
		62.0	69.5	115.5	165 200	75.0	113.8	147 000*	62.0
		66.0	67.4	113.5	147 800	72.9	111.8	137 500*	66.0
		70.0	65.3	111.3	132 700	70.8	109.5	128 800*	70.0
		74.0	63.2	108.9	119 400	68.6	107.1	121 000*	74.0
		78.0	61.0	106.3	107 600	66.3	104.5	113 500	78.0
		82.0	58.7	103.5	97 100	64.0	101.6	103 600	82.0
		86.0	56.4	100.5	87 600	61.7	98.5	93 500	86.0
		90.0	54.0	97.1	79 100	59.2	95.1	84 400	90.0
69.5	228	29.0	85.8	133.6	485 300*				29.0
		30.0	85.3	133.4	467 200*				30.0
		32.0	84.4	133.1	434 900*				32.0
		34.0	83.5	132.7	406 600*				34.0
		36.0	82.7	132.3	381 500*				36.0
		38.0	81.8	131.9	359 100*				38.0
		40.0	80.9	131.4	335 700				40.0
		42.0	80.0	130.9	310 100	85.3	129.2	222 000*	42.0
		44.0	79.1	130.3	287 800	84.4	128.6	213 100*	44.0
		46.0	78.2	129.8	267 800	83.5	128.0	204 700*	46.0
		48.0	77.3	129.1	249 800	82.6	127.4	197 000*	48.0
		50.0	76.3	128.5	233 600	81.6	126.8	189 700*	50.0
		52.0	75.4	127.8	218 800	80.7	126.1	182 800*	52.0
		54.0	74.5	127.1	205 300	79.8	125.3	176 400*	54.0
		56.0	73.6	126.3	193 000	78.8	124.6	170 300*	56.0
		58.0	72.6	125.6	181 600	77.9	123.8	164 600*	58.0
		60.0	71.7	124.7	171 200	76.9	122.9	159 200*	60.0
		62.0	70.7	123.9	161 500	76.0	122.1	154 100*	62.0
		66.0	68.8	122.0	144 000	74.0	120.2	144 600*	66.0
		70.0	66.9	120.0	128 900	72.0	118.1	136 100*	70.0
		74.0	64.9	117.8	115 500	70.0	115.9	124 100	74.0
		78.0	62.9	115.4	103 700	68.0	113.5	111 400	78.0
		82.0	60.8	112.8	93 200	65.8	110.8	100 300	82.0
		86.0	58.7	110.0	83 700	63.7	108.0	90 300	86.0
		90.0	56.5	107.0	75 100	61.5	104.9	81 200	90.0
		94.0	54.2	103.7	67 300	59.2	101.5	72 900	94.0
		98.0	51.9	100.2	60 300	56.8	97.9	65 300	98.0
		102.0	49.5	96.3	53 700	54.3	93.9	58 400	102.0
		106.0	47.0	92.1	47 700	51.7	89.6	52 000	106.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

61.0m (200 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
7 7 1	2 5 3	29.0	86.0	141.3	502 200*				29.0
		30.0	85.6	141.1	488 300*				30.0
		32.0	84.7	140.8	457 600*				32.0
		34.0	83.9	140.4	428 000*				34.0
		36.0	83.1	140.1	394 200				36.0
		38.0	82.2	139.6	360 700				38.0
		40.0	81.4	139.2	332 000				40.0
		42.0	80.5	138.7	306 700	85.6	136.9	225 300*	42.0
		44.0	79.7	138.2	284 300	84.7	136.4	216 600*	44.0
		46.0	78.8	137.7	264 200	83.9	135.9	208 500*	46.0
		48.0	78.0	137.1	246 200	83.0	135.3	201 000*	48.0
		50.0	77.1	136.5	229 800	82.1	134.7	193 900*	50.0
		52.0	76.3	135.8	215 000	81.3	134.0	187 100*	52.0
		54.0	75.4	135.2	201 500	80.4	133.3	180 800*	54.0
		56.0	74.5	134.5	189 100	79.5	132.6	174 900*	56.0
		58.0	73.6	133.7	177 600	78.6	131.9	169 200*	58.0
		60.0	72.8	132.9	167 100	77.7	131.1	163 900*	60.0
		62.0	71.9	132.1	157 300	76.8	130.2	158 800*	62.0
		66.0	70.1	130.4	139 900	75.0	128.5	149 100	66.0
		70.0	68.3	128.5	124 700	73.1	126.6	134 900	70.0
		74.0	66.4	126.5	111 300	71.3	124.5	120 600	74.0
		78.0	64.5	124.2	99 400	69.3	122.2	108 000	78.0
		82.0	62.6	121.8	88 900	67.4	119.8	96 800	82.0
		86.0	60.7	119.3	79 300	65.4	117.2	86 700	86.0
		90.0	58.7	116.5	70 800	63.4	114.3	77 600	90.0
		94.0	56.6	113.5	62 900	61.3	111.3	69 200	94.0
		98.0	54.5	110.3	55 800	59.1	108.0	61 600	98.0
		102.0	52.3	106.8	49 300	56.9	104.4	54 600	102.0
		106.0				54.6	100.6	48 200	106.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

68.6m (225 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 1 · 9	2 0 3	30.5	85.6	133.4	405 400*				30.5
		32.0	84.9	133.1	383 000*				32.0
		34.0	84.0	132.7	356 600*				34.0
		36.0	83.1	132.3	333 300*				36.0
		38.0	82.2	131.9	312 500*				38.0
		40.0	81.3	131.4	293 900*				40.0
		42.0	80.4	130.9	277 100*				42.0
		44.0	79.5	130.3	261 800*				44.0
		46.0	78.6	129.8	248 000*	84.7	128.1	180 900*	46.0
		48.0	77.7	129.2	235 300*	83.8	127.4	173 400*	48.0
		50.0	76.8	128.5	223 600*	82.9	126.8	166 400*	50.0
		52.0	75.9	127.8	212 800*	81.9	126.1	159 800*	52.0
		54.0	75.0	127.1	202 900*	81.0	125.4	153 600*	54.0
		56.0	74.0	126.4	193 700*	80.1	124.6	147 800*	56.0
		58.0	73.1	125.6	185 000*	79.1	123.8	142 300*	58.0
		60.0	72.2	124.7	174 600	78.1	123.0	137 100*	60.0
		62.0	71.2	123.9	164 900	77.2	122.1	132 200*	62.0
		66.0	69.3	122.0	147 500	75.2	120.2	123 200*	66.0
		70.0	67.4	120.0	132 400	73.3	118.1	115 000*	70.0
		74.0	65.4	117.8	119 100	71.2	115.9	107 700*	74.0
		78.0	63.3	115.4	107 400	69.2	113.5	100 900*	78.0
		82.0	61.3	112.8	96 800	67.1	110.8	94 800*	82.0
		86.0	59.1	110.0	87 400	64.9	108.0	89 100*	86.0
		90.0	57.0	107.0	78 800	62.7	104.9	83 900*	90.0
		94.0	54.7	103.7	71 100	60.4	101.6	77 200	94.0
		98.0	52.4	100.2	64 000	58.0	97.9	69 500	98.0
		102.0	50.0	96.3	57 500	55.5	94.0	62 600	102.0
		106.0	47.4	92.1	51 500	52.9	89.6	56 100	106.0
		110.0				50.2	84.9	50 200	110.0
6 9 · 5	2 2 8	30.5	85.8	141.1	432 100*				30.5
		32.0	85.2	140.8	408 900*				32.0
		34.0	84.4	140.5	381 700*				34.0
		36.0	83.5	140.1	357 500*				36.0
		38.0	82.7	139.6	335 900*				38.0
		40.0	81.8	139.2	316 500*				40.0
		42.0	81.0	138.7	298 900*				42.0
		44.0	80.1	138.2	282 900*				44.0
		46.0	79.3	137.7	268 000*	85.0	135.8	189 800*	46.0
		48.0	78.4	137.1	249 700	84.2	135.3	182 400*	48.0
		50.0	77.6	136.5	233 500	83.3	134.6	175 500*	50.0
		52.0	76.7	135.8	218 700	82.4	134.0	168 900*	52.0
		54.0	75.8	135.2	205 200	81.5	133.3	162 700*	54.0
		56.0	75.0	134.5	192 800	80.6	132.6	157 000*	56.0
		58.0	74.1	133.7	181 500	79.7	131.8	151 500*	58.0
		60.0	73.2	132.9	171 000	78.9	131.1	146 300*	60.0
		62.0	72.3	132.1	161 300	78.0	130.2	141 400*	62.0
		66.0	70.5	130.4	143 800	76.1	128.5	132 400*	66.0
		70.0	68.7	128.5	128 700	74.3	126.5	124 200*	70.0
		74.0	66.9	126.5	115 300	72.4	124.5	116 800*	74.0
		78.0	65.0	124.3	103 500	70.5	122.2	110 000*	78.0
		82.0	63.1	121.9	92 900	68.5	119.8	101 400	82.0
		86.0	61.1	119.3	83 500	66.6	117.2	91 300	86.0
		90.0	59.1	116.5	74 900	64.5	114.3	82 200	90.0
		94.0	57.0	113.5	67 200	62.4	111.3	73 800	94.0
		98.0	54.9	110.3	60 000	60.3	108.0	66 300	98.0
		102.0	52.7	106.8	53 500	58.0	104.4	59 300	102.0
		106.0	50.5	103.0	47 500	55.7	100.6	52 800	106.0

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 25.1m STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

18.3m RINGER ATTACHMENT ON SCREW JACK PEDESTALS

23 590 kg CRANE COUNTERWEIGHT

795 420 kg AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

76.2m (250 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
6 1 · 9	2 0 3	32.0	85.6	140.8	362 100*				32.0
		34.0	84.7	140.5	336 700*				34.0
		36.0	83.9	140.1	314 300*				36.0
		38.0	83.1	139.7	294 300*				38.0
		40.0	82.2	139.2	276 400*				40.0
		42.0	81.4	138.8	260 200*				42.0
		44.0	80.5	138.2	245 600*				44.0
		46.0	79.7	137.7	232 300*				46.0
		48.0	78.8	137.1	220 100*	85.2	135.3	161 200*	48.0
		50.0	78.0	136.5	208 900*	84.4	134.7	154 300*	50.0
		52.0	77.1	135.9	198 600*	83.5	134.1	148 000*	52.0
		54.0	76.2	135.2	189 000*	82.6	133.4	142 000*	54.0
		56.0	75.4	134.5	180 200*	81.7	132.7	136 400*	56.0
		58.0	74.5	133.8	172 000*	80.8	131.9	131 100*	58.0
		60.0	73.6	133.0	164 400*	79.9	131.1	126 100*	60.0
		62.0	72.7	132.2	157 200*	79.0	130.3	121 400*	62.0
		66.0	70.9	130.4	144 200*	77.2	128.6	112 600*	66.0
		70.0	69.1	128.5	132 600	75.4	126.6	104 700*	70.0
		74.0	67.2	126.5	119 400	73.5	124.6	97 600*	74.0
		78.0	65.4	124.3	107 600	71.6	122.3	91 100*	78.0
		82.0	63.5	121.9	97 000	69.6	119.9	85 100*	82.0
		86.0	61.5	119.3	87 600	67.6	117.3	79 700*	86.0
		90.0	59.5	116.5	79 000	65.6	114.4	74 700*	90.0
		94.0	57.4	113.5	71 300	63.5	111.4	70 100*	94.0
		98.0	55.3	110.3	64 200	61.3	108.1	65 800*	98.0
		102.0	53.1	106.8	57 700	59.1	104.5	61 800*	102.0
		106.0	50.9	103.1	51 700	56.8	100.7	56 900	106.0
		110.0				54.4	96.5	50 900	110.0
6 9 · 5	2 2 8	32.0	85.8	148.5	384 200*				32.0
		34.0	85.0	148.2	359 700*				34.0
		36.0	84.2	147.8	336 400*				36.0
		38.0	83.4	147.4	315 600*				38.0
		40.0	82.6	147.0	297 000*				40.0
		42.0	81.8	146.6	280 100*				42.0
		44.0	81.0	146.1	264 900*				44.0
		46.0	80.2	145.6	251 000*				46.0
		48.0	79.4	145.0	238 200*	85.5	143.1	170 500*	48.0
		50.0	78.6	144.4	226 400*	84.7	142.5	163 700*	50.0
		52.0	77.8	143.8	215 600*	83.8	141.9	157 300*	52.0
		54.0	77.0	143.2	205 200*	83.0	141.3	151 200*	54.0
		56.0	76.2	142.5	193 300	82.2	140.6	145 500*	56.0
		58.0	75.3	141.8	181 900	81.3	139.9	140 200*	58.0
		60.0	74.5	141.1	171 300	80.5	139.2	135 100*	60.0
		62.0	73.7	140.3	161 600	79.6	138.4	130 300*	62.0
		66.0	72.0	138.7	144 100	77.9	136.7	121 400*	66.0
		70.0	70.3	136.9	129 000	76.2	134.9	113 300*	70.0
		74.0	68.5	135.0	115 600	74.4	133.0	106 000*	74.0
		78.0	66.8	133.0	103 800	72.7	130.9	99 300*	78.0
		82.0	65.0	130.7	93 200	70.8	128.6	93 200*	82.0
		86.0	63.2	128.3	83 700	69.0	126.2	87 600*	86.0
		90.0	61.3	125.8	75 200	67.1	123.6	82 100	90.0
		94.0	59.4	123.0	67 400	65.2	120.8	74 800	94.0
		98.0	57.5	120.0	60 300	63.2	117.7	67 000	98.0
		102.0	55.5	116.9	53 800	61.2	114.5	60 000	102.0
		106.0	53.4	113.4	47 800	59.1	111.0	53 600	106.0